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SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

(Distribution and Retail Supply of Electricity Licensee)



**Filing of ARR
for
Retail Supply Business for FY 2018-19**



15th December, 2017

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY
COMMISSION**

AT ITS OFFICE AT 5th Floor, Singareni Bhavan, Red Hills, Hyderabad - 500 004

FILING NO. _____/2017

CASE NO. _____/2017

In the matter of:

Filing of the ARR application for the year FY 2018-19 in accordance with the “Telangana Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation, 2005” by the Southern Power Distribution Company of Telangana Limited (‘TSSPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee.

In the matter of:

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

... Applicant

The Applicant respectfully submits as under: -

1. With the enactment of Andhra Pradesh Reorganization Act, 2014, the Telangana state has been carved out from the undivided Andhra Pradesh state as the 29th state of the Republic of India on 02.06.2014. On the eve of State bifurcation, the 2 districts, Ananthapur and Kurnool have been delinked from APCPDCL and merged with APSPDCL in accordance with the provisions of AP Reorganisation Act, 2014 vide G.O. Ms. No. 24, dated 29.05.2014, Further, the name of Central Power Distribution Company of Andhra Pradesh Limited has been changed to Southern Power Distribution of Company Telangana Limited (TSSPDCL).
2. The erstwhile Regulatory Commission of the undivided state of Andhra Pradesh has issued Regulation No. 3 of 2014 (Reorganization) Regulation, 2014 on 26.05.2014 consequent to the framing of Andhra Pradesh Reorganisation Act, 2014 notified by Government of India on 01.03.2014, Wherein Clause 3 of the regulation says that ,

“All the notified regulations as well as their supplementary regulations/amendments, rules, orders ,proceedings ,guidelines ,memos ,notifications, other instruments issued immediately before 2nd June 2014 by the APERC for conduct of business and other matters shall fully & completely apply to the whole of the states of Telangana and Andhra Pradesh and shall similarly apply in relation to all matters falling within the jurisdiction of the Commission until they are altered, repealed or amended by the respective State Electricity Regulatory Commissions.”

3. In accordance with the above regulation, all the regulations framed by erstwhile APERC will continue to apply for the state of Telangana. Subsequently TSERC vide Telangana Official Gazette has issued its first regulation, Regulation No. 1 of 2014 on 10.12.2014 (Adoption of Previously Subsisting Regulations, Decisions, Directions or Orders, Licenses and Practice of Directions) wherein clause 2 says that

“All regulations, decisions, directions or orders along with all the licences and practice directions issued by the erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for States of Andhra Pradesh and Telangana) in existence as on the date of the constitution of the Telangana State Electricity Regulatory Commission and in force, shall mutatis-mutandis apply in relation to the stakeholders in electricity in the State of Telangana including the Commission and shall continue to have effect they are until duly altered, repealed or amended by any of the Regulation by the Commission with effect from the date of notification as per Notification issued by the Government of Telangana in G.O.Ms.No.3 Energy(Budget) Department, dt.26-07-2014 constituting the Commission.”

4. This filing is made by the **SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (TSSPDCL)** under Section 64 of the Electricity Act 2003 for determination of the Aggregate Revenue Requirement (ARR) for the Retail Supply Business for the year FY 2018-19.
5. The licensee has adopted the following methodology to arrive at the ARR for retail supply business.
 - **Distribution Cost:** : The licensee has considered the figures as per the Distribution Tariff Order dated 27th March, 2015 issued by TSERC for the period from FY 2014-15 to FY 2018-19.
 - **Transmission Cost:** The licensee has considered the approved transmission cost as per the Transmission Tariff Order dated 1st May 2017.
 - **SLDC Cost:** The licensee has considered the approved figures as per the SLDC Annual Fee and Operating Charges order dated 20th June 2017.

- **PGCIL and ULDC Costs:** PGCIL and ULDC costs have been projected for FY 2017-18 H2 and FY 2018-19 based on the H1 actuals of FY 2017-18.
 - **Distribution losses:** The Licensee has considered the Distribution Losses as approved by TSERC for the period from FY 2014-15 to FY 2018-19 in its Tariff Order dated 27th Mar, 2015.
 - **Transmission losses:** The licensee has considered the approved transmission loss of TS Transco cost as per the Transmission Tariff Order dated 1st May 2017 i.e. 3.09%.
 - **PGCIL Losses:** The external losses (PGCIL) are estimated to be at 2.47% for H2 of FY 2017-18 and FY 2018-19 considering the average of actuals for the 1st half of FY 2017-18.
6. The Government of Telangana vide G.O Ms. No, dt: 11.10.2016 and G.O Ms No.234 dt: 11.10.2016 has given final notification for formation/ reorganization of new districts, revenue divisions and mandals in Siddipet and Jangaon Districts respectively. In the said GOs, 7 revenue Mandals from the jurisdiction of Karimnagar and Warangal were now re-organized to Siddipet District and one Mandal, Gundala of Nalgonda District were re-organized to Jangaon District.

The Hon'ble Commission vide O.P No 3 of 2017 has accorded approval for amending the distribution and retail supply licence of M/s. Telangana State Southern Power Distribution Company Limited (TSSPDCL) and also to permit taking over of assets falling under the additional area of operation from M/s. Telangana State Northern Power Distribution Company Limited (TSNPDCL).

7. As per Regulation No. 4 of 2005, the licensee is required to file the Aggregate Revenue Requirement (ARR) for Retail Supply Business and Tariff proposal for the entire third control period i.e., for the period FY 2014-15 to FY 2018-19. The Hon'ble Commission has been kind enough in permitting the licensee for filing the ARR and Tariff Proposals on an annual basis due to the following substantive reasons till FY 2017-18 –

a. Significant uncertainty involved in projection of quantum of power to be purchased from various sources as well as in costs –

b. Regulatory objectives of a Multi-year tariff regime not met

This been the last year of the 3rd control period, the licensee submits that the current filing is for Aggregate Revenue Requirement (ARR) for FY 2018-19.

The licensee is currently in the process of estimating revenues and provisional true-up for 2017-18. Due to the policy decision of Government of Telangana, three phase power needs to be supplied to all agricultural consumers for 24 hours/day from 1st Jan 2018. This has a

significant impact on the agricultural sales. In addition there is high volume of sales estimated from Lift Irrigation (LI) schemes. In view of the above, licensee prays that the Hon'ble Commission may allow the Licensee to file provisional true-up for 2017-18 separately along with final true-up of 2016-17. This will enable the licensee in minimizing the financial impact on the consumers. The licensee also prays that the Hon'ble Commission may grant permission to the licensee for filing tariff proposals, cross subsidy surcharge and additional surcharge separately in due course.

8. In the following paragraphs, the licensee has provided a brief summary of its performance during FY 2016-17 as well as the expected performance for the current year i.e. FY 2017-18 against the tariff order and projections for FY 2018-19.
9. There is going to be a high quantum of agricultural sales in view of 24 hours power supply and commissioning of LI schemes. The licensee prays that the Hon'ble Commission may grant additional time to the licensee to file the provisional true-up for 2017-18 and final true-up for 2016-17 separately.

Summary of the Filing

Performance Analysis of the Licensee for the Previous Year FY 2016-17 and Current Year FY 2017-18

Performance Analysis: A brief analysis of the key elements of licensee's business is as follows:

- **Sale of Energy and loss reduction:**

Particulars	2016-17 (Actuals)		2017-18 (Revised Estimate)	
	MU	%	MU	%
Metered Sales	22076.55	63.61%	23529.22	63.91%
LT Agricultural Sales	8767.64	24.97%	9496.62	25.79%
Total Sales	30744.18	88.87%	33025.84	89.71%
ADD: Distribution Losses (incl. EHT sales)	3960.12	11.38%	3785.34	10.28%
Energy required at Discom level	34804.31	100.0%	36811.18	100.0%
Distribution Losses (excl. EHT sales)	3960.12	12.45%	3785.34	11.19%

As seen from the above table, the actual losses for the FY 2016-17 is 11.38% and reduced compared to previous year loss of 11.59%. However it is expected to reduce the losses further with the implementation of the following measures.

- i) Reduction of both technical and commercial losses by vigorously conducting 11 kV feeder wise energy audits around 1955 Nos. feeders in the company.
- ii) During the year 2017-18, 1955 Nos. feeders (Towns and Mandal Headquarters) are available in EAUDIT for which energy audit is done on regular basis at corporate office level.
- iii) 63 Nos. additional 11 KV 2 MVAR capacitor banks were proposed and added during the year 2016-17

For the year 2016-17, 63 Nos. additional 33/11 kV sub-stations are charged and 2017-18, 20 no's sub-stations are charged till Sep'17.

Estimates for the Ensuing Year (FY 2018-19)

The licensee has adopted a modified trend approach for projecting the category-wise sales for the ensuing year. As the name suggests, the licensee has considered the historical growth trend observed in the sales of categories and the same has been moderated based on the other relevant inputs such as underlying economic growth drivers, number of pending applications etc. The total sales forecast for key categories is as follows:

Sales/Forecast Sales (MU)	2017-18	2018-19
LT Category	21233.70	22334.17
LT-I(A&B): Domestic	7716.86	8322.51
LT-II(A,B&C): Non-domestic/Commercial	2409.56	2572.94
LT-III: Industry	844.80	879.59
LT-IV(A&B): Cottage Industries	9.16	9.35
LT-V(A,B&C): Agricultural	9496.62	9765.40
LT-VI(A&B): Street Lighting & PWS Schemes	683.69	706.34
LT-VII(A&B): General Purpose	70.28	75.04
LT-VIII: Temporary Supply	2.73	3.01
HT Category	11792.13	14100.09
HT Category at 11 kV	4945.28	5356.68
HT-I(A): Industry (General)	3287.17	3532.34

Sales/Forecast Sales (MU)	2017-18	2018-19
HT-I(B): Ferro Alloy Units	0.17	0.17
HT-II: Others	1449.38	1549.56
HT-III: Airports, Bus Stations and Railway Stations	4.93	5.03
HT-IV(A): Lift Irrigation & Agriculture	36.37	40.55
HT-IV(B): CPWS	38.02	91.47
HT-VI: Townships & Residential Colonies	92.73	100.30
HT Temporary Supply	36.52	37.26
HT Category at 33 kV	3864.38	4215.42
HT-I(A): Industry (General)	3133.97	3219.27
HT-I(B): Ferro Alloy Units	0	0
HT-II: Others	639.22	672.20
HT-III: Airports, Bus Stations and Railway Stations	0	0
HT-IV(A): Lift Irrigation & Agriculture	37.84	45.04
HT-IV(B): CPWS	1.22	220.71
HT-VI: Townships & Residential Colonies	52.12	58.20
HT Temporary Supply	0	0
HT Category at 132 Kv	2982.48	4527.98
HT-I(A): Industry (General)	1749.98	2151.38
HT-I(B): Ferro Alloy Units	137.60	141.75
HT-II: Others	85.13	163.11
HT-III: Airports, Bus Stations and Railway Stations	61.75	63.30
HT-IV(A): Lift Irrigation & Agriculture	760.32	1717.45
HT-IV(B): CPWS	0	
HT-V: Railway Traction	158.70	171
HT-V HMR	29	120
HT-VI: Townships & Residential Colonies	0	0
HT Temporary Supply	0	0
Total	33025.84	36434.26

Key Demand Drivers for FY 2018-19: TS SPDCL is expected to have a robust growth in demand mainly driven by policy direction and development schemes of GoTS. Some of the key drivers for the increase in the demand of the licensee have been highlighted below-

- **HT – Industrial Sales:** There has been substantial quantum of open access sales in the licensee area to the extent of 2,159 MU in FY 2016-17. The licensee has already filed the petition for determination of additional surcharge for recovery of stranded cost of fixed assets/ contracts for the FY 2017-18. However the Hon'ble Commission is yet to pass the order on the same. The licensee expects similar trend in the open access sales to continue in 2nd half of FY 2017-18 and FY 2018-19.
- **Water Grid:** A load of 52.88 MVA is projected under the 'Mission Bhageeratha – Drinking Water Scheme' in 2018-19. This is expected to result in an additional energy of 277.93 MU.
- **Lift Irrigation Schemes:** The new LI schemes which are expected to be operational in FY 2018-19 are Kaleshwaram (Chandlapur, Tukkapur, Akkaram and Markook pump houses), Regonda, Udayasamudram. This is expected to contribute an additional energy quantum of 942 MU in FY 2018-19. Projection of energy from LI schemes has been done by considering 3-4 months of operation at 65% load factor for 24 hours/day. The load for LI schemes has been considered based on the information received from irrigation department.
- **24 Hours of Supply to Agricultural Consumers:** As per policy direction of GoTS, the licensee has to supply 24 hours of power to agricultural consumers from 1st January 2018. The licensee had initiated supply of 24 hours power to agricultural consumers in Medak, Nalgonda and Siddipet on a pilot basis for the period July to November 2017. This has enabled the licensee in assessing the adequacy of the network and also in assessing the quantum of additional sales due to 24 hours power supply. Based on the inputs from this exercise, the licensee estimates that the agricultural sales in FY 2018-19 to be at 9,765 MU. The above projection also includes expected sales from the release of new agricultural connections.
- **New Industrial Loads:** Based on the applications received from prospective industrial consumers, the licensee expects that a load of 115 MVA would be operational in FY 2018-19, contributing to sales of 393 MU.
- **Hyderabad Metro Rail:** The licensee expects a load of 31MVA in its area. These loads have been considered under categories as shown below:
 - HT II (Others) at 132 KV: 65 MU for FY2018-19

- HT V B(Railway Traction- HMR): 91 MU for FY 2018-19

Power Purchase Requirement for FY 2018-19:

The following are the key points considered by the licensee with regard to power purchase requirement by the licensee –

- Average PLF of 70% from TSGENCO, 85% for CGS excluding NLC , 90% for TPCIL unit 1 & 2, 85% for Singareni & Chattisgarh is considered
- Based on the assessment of expected water inflows, hydel availability has been considered at 3,140 MU.
- New sources of energy considered
 - Kudigi- Unit 2 - 75 1st Jan 2018, Unit 3 –84 MW from 1st Jan 2018
 - The balance capacity of Solar Plants of 2012, 2013 & 2014 bidding and the 2000 MW bidding in 2015 are expected to be commissioned during the year 2017-18.
 - 200 MW of coal based power from NTPC is expected to be available from 1st Jan 2018 under the JNNSM Bundled Solar Power Scheme Phase II. 400 MW of solar power under this scheme is expected to be operational in Dec 17.
 - Unit 4 of Pulichintala – 30 MW is expected to be operational from 1st Jan 2018.
 - Bhadradri Thermal Power Station (BTPS) (4 x 270 MW): 1st unit of BTPS is expected to be operational by 1st Jan 2019. (270 MW)
 - KTPS VII- 800 MW is expected to be operational from 1st October 2018.
- Allocation Principles
 - NCE – As per Geographical location
 - All other sources – 53.89% as per GO Ms. No. 20 of 2014
- The licensee has not projected any availability from new gas based IPPs in the absence of any proposal of supply of power to stranded gas based plants.
- The overall energy scenario in FY 2018-19 is given below

Particulars	FY 2018-19
Energy Requirement (MU)	64,291
Energy Availability from Long term & Medium Term sources (MU)	67,573
Surplus (MU)*	3,282
Energy Purchase from Short term sources (MU)	406

**On an Annual basis surplus of 3,282 MU. Deficit in month of August 18 – 406 MU to be met through market purchases*

Power Purchase Cost Estimate for the state of Telangana for FY 2018-19

- Variable costs for TSGENCO – Thermal and CGS – These costs are considered as given by the generator or capped at escalation of 10% to 15% on approved 2017-18 TO values.
- Fixed costs for existing stations have been considered as projected for the respective generating station
- As per the tariff order of Hon'ble Chhattisgarh State Electricity Regulatory Commission, a provisional variable cost of Rs 1.2/kWh was permitted. The licensee has considered the same for projecting the cost of power from Chhattisgarh subject to the approval from Hon'ble TSERC.
- The average PP cost at state level is projected to be at Rs. 4.34/unit for FY 2018-19.

Aggregate Revenue Requirement (ARR)

- The estimated Aggregate Revenue Requirement (ARR) for the licensee for the current year is shown in the table below:

	2017-18 Revised Estimates	2018-19 Projected
Power Purchase Cost (a)	18307.16	18432.71
Distribution Cost	2662.91	3098.72
Transmission Cost	698.61	959.57
SLDC Cost	20.19	23.50
PGCIL Cost	611.98	796.91
ULDC Cost	3.92	2.10
Network Cost (b)	3997.60	4880.79
Interest on Consumer Security Deposits	165.37	176.18
Supply Margin	24.40	29.20
Other Expenses	2.42	0
CSD & Other Costs (c)	192.19	205.38
Aggregate Revenue Requirement (ARR) (a)+(b)+(c)	22496.96	23518.88

➤ **Determination of Cross subsidy and Additional Surcharge for FY 2018-19**

As highlighted in the earlier sections, the cross subsidy surcharge and additional surcharge proposals would be submitted by the licensees as part of the tariff proposals separately.

10. Based on the information available, the Applicant has made sincere efforts to comply with the Regulation of the Hon'ble Commission and discharge its obligations to the best of its abilities. However, should any further material information become available in the near future, the Applicant reserves the right to file such additional information and consequently amend/ revise the application.
11. This filing has been discussed and approved by the Board of Directors of TSSPDCL and Sri. G. Raghuma Reddy, Chairman and Managing Director of TSSPDCL has been authorised to execute and file the said document on behalf of TSSPDCL. Accordingly, the current filing documents are signed and verified by, and backed by the affidavit of Sri G. Raghuma Reddy, the Chairman and Managing Director of TSSPDCL.
12. In the aforesaid facts and circumstances, the Applicant requests that this Hon'ble Commission may be pleased to:
 - a. Take the accompanying ARR application of TSSPDCL on record and treat it as complete the tariff proposals, cross subsidy surcharge, additional surcharge, provisional true-up for 2017-18 and final true-up for 2016-17 will be submitted in due course.
 - b. Grant suitable opportunity to TSSPDCL within a reasonable time frame to file additional material information that may be subsequently available;
 - c. Consider and approve TSSPDCL's ARR including all requested regulatory treatments in the filing;
 - d. Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

(APPLICANT)

Through

CHAIRMAN AND MANAGING DIRECTOR

Place: Hyderabad

Dated: 15th Dec 2017

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY
COMMISSION**

AT ITS OFFICE AT 5th Floor, Singareni Bhavan, Red Hills, Hyderabad - 500 004

FILING NO. _____/2017

CASE NO. _____/2017

In the matter of:

Filing of the ARR application for the year FY 2018-19 in accordance with the “Telangana Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation, 2005” by the SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (‘TSSPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee.

In the matter of:

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

... Applicant

**AFFIDAVIT OF APPLICANT VERIFYING THE APPLICATION ACCOMPANYING FILING AS
PER TERMS AND CONDITIONS OF TARIFF FOR WHEELING AND RETAIL SALE OF
ELECTRICITY**

I, Sri G.Raghuma Reddy, son of Sri G. Janga Reddy (Late), working for gain at the Southern Power Distribution Company of Telangana Limited do solemnly affirm and say as follows:

- 1 I am the Chairman and Managing Director of TSSPDCL, the Licensee that has, vide the Hon'ble Commission's approval in proceedings No. APERC/Secy/Engg/No.6 dt.31.3.2000, been granted the distribution and retail supply functions that Transco was authorised to conduct or carry out under the Act and the license, with respect to the business of distribution and retail supply of electricity in the Southern distribution zone in Telangana. On December 27, 2000, the Hon'ble Commission has awarded a Distribution and Retail Supply License to APCPDCL (now TSSPDCL) effected from April 1, 2001.

- 2 Consequent to the bifurcation of the Andhra Pradesh State as per the Andhra Pradesh Reorganization Act, the two districts of Ananthapur and Kurnool were moved from the jurisdiction of APCPDCL to APSPDCL and the name of the licensee was changed from APCPDCL to TSSPDCL.
- 3 As per the section 92 read with the twelfth schedule of the AP Reorganization Act, the then APERC functioned as Joint regulatory body and issued Regulation No. 3 of 2014 (Reorganisation) Regulation,2014 and as per clause 5 of the regulation which reads as “ *the area of supply of existing distribution & Retail supply licensees shall deemed to be reassigned as per the provisions of the Andhra Pradesh Reorganisation Act 2014 until amended or separate licenses are issued by the respective state electricity Regulatory Commissions.*”
- 4 I am competent and duly authorised by TSSPDCL to affirm, swear, execute and file this affidavit in the present proceedings.
- 5 As such, I submit that I have been duly authorised by the Board of Directors of TSSPDCL to submit the application, as per Terms and Conditions of Tariff for Wheeling and Retail Sale of Electricity (Regulation 4 of 2005) of TSSPDCL for the FY 2018-19 to Hon'ble Commission.
- 6 I submit that I have read and understood the contents of the appended application of TSSPDCL. The facts stated in the application are true to the best of my knowledge, which are derived from the official records made available and certain facts stated are based on information and advice which, I believe to be true and correct.
- 7 I submit that for the reasons, and facts stated in the appended application this Applicant pray that the Hon'ble Commission may be pleased to
 - (a) Take the accompanying ARR application of TSSPDCL on record and treat it as complete the tariff proposals, true-ups will be submitted at a later date
 - (b) Grant suitable opportunity to TSSPDCL within a reasonable time frame to file additional material information that may be subsequently available;
 - (c) Consider and approve TSSPDCL's ARR including all requested regulatory treatments in the filing;

(d) Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.

DEPONENT

VERIFICATION:

I, the above named Deponent solemnly affirm at Hyderabad on this 15th day of December 2017 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.

DEPONENT

Solemnly affirmed and signed before me.

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List of Abbreviations:

Agl	Agriculture
APGPCL	Andhra Pradesh Gas Power Corporation Limited
ARR	Aggregate Revenue Requirement
CAGR	Compound Annual Growth Rate
CERC	Central Electricity Regulatory Commission
CGS	Central Generating Station
CoD	Date of Commercial Operation
CoS	Cost of Service
CSPGCL	Chhattisgarh State Power Generation Company Limited
CUF	Capacity Utilization Factor
DISCOMs	Distribution Companies, Distribution Licensees, Licensees
DSM	Demand Side Management
DTR	Distribution Transformer
EHT	Extra High Tension
FY	Financial Year
Gol	Government of India
GoTS	Government of Telangana
HP	Horse Power
HT	High Tension
IDC	Interest During Construction
IPPs	Independent Power Producers
JNNSM	Jawaharlal Nehru National Solar Mission
kV	Kilo Volt
kVAh	Kilo-Volt-Ampere-hour
kWh	Kilo Watt hour
LI	Lift Irrigation
LT	Low Tension
MoP	Ministry of Power
MSW	Municipal Solid Waste
MoU	Memorandum of Understanding
MU	Million Units
MW	Mega Watts
MYT	Multi Year Tariff
NCE	Non-Conventional Energy
NTI	Non-Tariff Income
NTPC	National Thermal Power Corporation Limited
NVVNL	NTPC Vidyut Vyapar Nigam Limited
PGCIL	Power Grid Corporation of India Limited
PLF	Plant Load Factor
POC	Point of Connection
POSOCO	Power System Operation Corporation Limited
PPA	Power Purchase Agreement
PTR	Power Transformer
PWS	Public Water Supply
RDF	Refuse Derived Fuel
RoCE	Return on Capital Employed
RTC	Round The Clock
SLDC	State Load Dispatch Center
SRLDC	Southern Regional Load Dispatch Center
SRPC	Southern Regional Power Committee
SS	Sub Station

T & D	Transmission and Distribution
ToD	Time of Day
TSERC	Telangana State Electricity Regulatory Commission
TSGENCO	Telangana State Power Generation Corporation Limited
TSTRANSCO	Transmission Corporation of Telangana Limited
UDAY	Ujwal DISCOM Assurance Yojana
ULDC	Unified Load Dispatch and Communication
UMPP	Ultra Mega Power Project

Glossary

“3rd Control Period” refers to the period from FY2014-15 to FY2018-19.

“Aggregate Revenue Requirement (ARR)” means the revenue required to meet the costs pertaining to the licensed business; herein Retail Supply Business, for a financial year, which would be permitted to be recovered through tariffs and charges by the Hon’ble Commission.

“Base year” means the financial year immediately preceding the first year of the Control Period.

“Capacity Utilization Factor (CUF)” is the ratio of the actual output from a solar plant /wind plant over the year to the maximum possible output from it for a year under ideal conditions.

“Class Load Factor” of a consumer category is the ratio of average demand to the Peak Energy demand in MW which is derived from the category load shapes. It is calculated as

$$\text{Class Load Factor} = \frac{\text{Average demand of the consumer category in MW}}{\text{Peak Demand of the Consumer Category in MW}}$$

“Coincident Demand” in MW of a consumer category means the estimated contribution of that category to the system peak demand i.e. the load of the corresponding consumer category at the system peak hour.

“Coincidence Factor” of a consumer category represents the percentage of coincident demand of the category in the peak demand of the respective category. Coincidence factor is calculated as

$$\text{Coincidence Factor of a consumer Category} = \frac{\text{Coincident Demand of the Consumer Category in MW}}{\text{Non Coincident Demand of the Consumer Category in MW}}$$

“Compound Annual Growth Rate (CAGR)” is the mean annual growth rate over a specified period of time longer than one year. CAGR is calculated as

$$\text{N year CAGR} = \left(\frac{\text{Final Value}}{\text{Initial Value}} \right)^{\frac{1}{N}} - 1$$

“Control Period” means a multi-year period fixed by the Hon’ble Commission from time to time, usually 5 years.

“Current year” refers to FY2017-18.

“Date of Commercial operation or CoD” means the date declared by the generator after demonstrating the Maximum Continuous Rating (MCR) or Installed Capacity (IC) through a successful trial run after notice to the beneficiaries and in relation to the generating station means the date of commercial operation of the last unit or block of the generating station.

“Distribution Business” means the business of operating and maintaining a distribution system for supplying electricity in the area of supply of the Distribution Licensee in terms of the Distribution and Retail Supply License.

“Distribution Losses” means aggregate technical & commercial losses from LT level to 33kV voltage.

“EHT” refers to a voltage of 132kV and above.

“Ensuing year” refers to FY2018-19.

“External Losses” means the losses pertaining to the network external to the State periphery.

“H1” refers to the first half i.e. April to September of a financial year.

“H2” refers to the second half i.e. October to March of a financial year.

“HT” refers to a voltage of 11kV and above but less than 132kV.

“Licensee” hereafter refers TSSPDCL.

“Load Shapes” of a consumer category means hourly load curve or load profile of that category illustrating the variation in demand over a specific time.

“LT” refers to a voltage of 415 V (Three phase Supply) & 230V (Single phase Supply).

“Non-Coincident Demand” in MW of a particular consumer category means the peak demand of that consumer category, irrespective of the time of day.

“Non-Tariff Income (NTI)” means income relating to the licensed business other than from tariffs for wheeling and retail sale, and excludes any income from other business and income on account of Fuel Surcharge Adjustment, Cross-Subsidy Surcharge and Additional Surcharge.

“Plant Load Factor (PLF)” for a given period means the total sent-out energy corresponding to scheduled generation during such period, expressed as a percentage of sent-out energy corresponding to installed capacity in that period.

“Point of Connection Charges (POC)” means the Inter State Transmission Charges to the Designated Inter State Transmission Customers which depends on location of the node in the grid and is calculated as per the relevant regulations notified by CERC.

“Retail Supply Business” means the business of sale of electricity by the Licensee to consumers, in accordance with the terms of the Distribution and Retail Supply License.

“Scheduled Generation” at any time or for any given period or time block means the schedule of generation in MW ex-bus given by the State Load Dispatch Centre.

“Transmission Losses” means the losses pertaining to the network at a voltage level of 132kV and above.

1 INTRODUCTION

1.1 Factual Background

- 1.1.1 Southern Power Distribution Company of Telangana Limited (TSSPDCL) [formerly Central Power Distribution Company of Andhra Pradesh Limited, APCPDCL] was incorporated under the Companies Act, 1956 as a public limited company and has Distribution and Retail Supply of Electricity license (License No.13 of 2000), granted by Hon'ble Commission (former APERC) in O.P.No.643/2000, dated 29.12.2000 u/s 15 of Andhra Pradesh Electricity Reform Act, 1998 effected from 1st April, 2001, all conditions as contained in License shall be deemed to have been specified u/s 16 of the Electricity Act, 2003 as per Hon'ble Commission (former APERC) notified Regulation 8 of 2004.
- 1.1.2 In terms with Schedule XII to the Andhra Pradesh Reorganisation Act, 2014 [APR Act], which came into effect on 2nd June, 2014, the Anantapur and Kurnool districts, which fall within the jurisdiction of the APCPDCL have been reassigned to the Southern Power Distribution Company of Andhra Pradesh Limited (APSPDCL). Accordingly two (2) operating circles of the Licensee viz., Anantapur and Kurnool were demerged and assigned to APSPDCL effective on the appointed date i.e., 02.06.2014. Assets and Liabilities of the Licensee were bifurcated in terms of Transfer Guidelines issued by united State of Andhra Pradesh in G.O.Ms.No.24, dated 29.05.2014. Financial Statements relating to bifurcation was adopted by the Licensee and certified by Independent Chartered Accountants, Comptroller and Auditor General of India and submitted to Expert Committee constituted under the APR Act. However in the case of employees related Assets and Liabilities, the basis of bifurcation as specified in above-mentioned G.O. could not followed and another basis was used for bifurcation of Assets and Liabilities.
- 1.1.3 In pursuant to the provisions of Section 13 and other applicable provisions of Companies Act, 2013 the name of the company has been changed from APCPDCL to **Southern Power Distribution Company of Telangana Limited (TSSPDCL)** w.e.f. 27.05.2014. Honble Commission in its order dated 17th March, 2017 in O.P No. 3 of 2017, has allowed the name of the license to be the Southern Power Distribution Company of Telangana State Limited (TSSPDCL) in place of the Central Power Distribution Company of Andhra Pradesh Limited (APCPDCL).

1.2 Multi-Year Tariff (MYT) Principles

- 1.2.1 The Hon'ble Commission (former APERC) has notified Regulation 4 of 2005 laying down the principles for determination of Aggregate Revenue Requirement (ARR) for Retail Supply Business which will be the basis for the fixation of the Tariff/Charges for retail sale of electricity including surcharges. This Regulation introduced Multi-Year-Tariff (MYT) framework.
- 1.2.2 The Hon'ble Commission (TSERC) has notified Regulation 1 of 2014 on 10.12.2014 (Adoption of Previously Subsisting Regulations, Decisions, Directions or Orders, Licenses and Practice of Directions) wherein clause 2 stipulates that -
- “All regulations, decisions, directions or orders, all the licences and practice directions issued by the erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for States of Andhra Pradesh and Telangana) in existence as on the date of the constitution of the Telangana State Electricity Regulatory Commission and in force, shall mutatis-mutandis apply in relation to the stakeholders in electricity in the State of Telangana including the Commission and shall continue to have effect until duly altered, repealed or amended, any of Regulation by the Commission with effect from the date of notification as per Notification issued by the Government of Telangana in G.O.Ms.No.3 Energy(Budget) Department, dt.26-07-2014 constituting the Commission.”*
- 1.2.3 As such, all Regulations notified by erstwhile APERC will continue to apply for the state of Telangana.

1.3 Past Filings

- 1.3.1 As per the Regulation 4 of 2005, the licensee is required to file the ARR along with Filing for Proposed Tariff (FPT) for Retail Supply Business for a period of 5 years called control period for approval by the Hon'ble Commission not less than 120 days before the commencement of 1st year of the control period. The 3rd control period covers the years from 2014-15 to 2018-19.
- 1.3.2 However, the licensee expressed its inability to make filings for Retail Supply Business for entire 3rd control period in view of uncertainty involved in projections of generation availability, power purchase cost viz., a) projections of quantum of power to be purchased from various sources as well as in cost; and b) demand side uncertainties. Moreover, due to the regulatory objectives (i.e., incentivize the performance of the licensee based on its achievement vis-à-vis targets; and providing tariff certainty to the consumers) of MYT regime are not being met, instead sought approval of the Hon'ble Commission to allow it to file the ARR for Retail Supply Business on annual basis, year after year, i.e., for FY2014-15, for FY2015-16, for FY2016-17 and for FY2017-18. The Hon'ble Commission has been kind enough in granting permission for filing ARR on annual basis vide proceedings

No.Secy./DD(EAS)/S-98/260/ 13, dated 01.11.2013 for FY2014-15, vide letter No.TSERC/DD(T-Engg)/T-03 of 2014/D.No./14, dated 15.12.2014 for FY2015-16 , vide letter No.TSERC/Tariff/DD(T-Engg)/T-01of 2015/D.No.751/15, dated 28.09.2015 for FY2016-17 and vide letter no.TSERC/Tariff/DD(T-Engg)/T-03/2015/D.No.708/16, dated 19.11.2016 for FY 2017-18 . Accordingly, the Licensee has filed the ARR filings with the Hon'ble Commission.

1.4 Present Filings

1.4.1 With regard to current filings of Retail Supply Business, FY 2018-19 being the last year of the 3rd control period, the Licensee is submitting the ARR for FY2018-19 in this filing. The licensee had sought additional time for filing the ARR for FY2018-19 till 15th December, 2017 due to the factors that are highlighted below.

- **24 hours of Supply to Agricultural Consumers:** As per the policy direction of Government of Telangana (GoTS), TS Discoms would commence supply of 24 hours power to all agricultural consumers in the State. This is likely to result in a spike in the agricultural consumption in the state. TS Discoms are currently in the process of assessing the likely increase in agricultural consumption based on the actual agricultural consumption pattern witnessed in the circles where 24 hours power supply is currently extended viz Nalgonda, Medak, Siddipet and Karimnagar.
- **Commissioning of Lift Irrigation (LI) Schemes:** TS Discoms have received the preliminary estimates on the likely dates of commissioning of the LI schemes from the Irrigation department. The demand expected from these schemes are on the higher side and would have a material impact on the revenues as well as the costs of the TS Discoms.

1.4.2 The Hon'ble Commission condoned the delay in filing the ARR for FY2018-19 by the licensee vide Lr.No.S/R.O-1/4/R.O.1/D.No.723 Dated:05.12.2017.

1.5 Filing Contents

1.5.1 The application is structured in seven (7) Sections as given in table below:

- | | |
|--|---|
| Section 1:
(this section) | Provides factual background about TSSPDCL (Licensee). About these filings under regulatory MYT framework. The summary and the salient features of these filings. |
| Section 2: | Provides performance analysis of the Licensee during the previous year by considering certain key operational and financial parameters. |
| Section 3: | Provides the sales forecast and power procurement plan of Licensee viz., Sales Forecast, Load Forecast and Power Procurement Plan.

The sales forecast is used to determine the energy input required for ensuing |

year for meeting the demand. For sales forecast of second half of FY2017-18 and for the year 2018-19, historical sales of Licensee has been considered to arrive at growth trend.

Energy requirement is arrived by grossing up the projected sales with Hon'ble TSERC approved Transmission & Distribution (T&D) losses.

Discusses the methodology and assumptions considered for estimating the quantum and corresponding cost of power purchase. The power procurement plan is based on the availability of the generation sources during the ensuing year to meet the demand expected during various months.

Section 4: Provides Expenditure Projections for FY2018-19 consisting of:-

- Power Purchase and Procurement Cost
- Transmission and PGCIL Charges
- SLDC Charges
- Distribution Cost
- Interest on Consumer Security Deposits
- Supply Margin
- Other Costs
- ARR for Retail Supply Business for FY2018-19.

Section 5: Provides the details of actual revenue and Non-Tariff Income (NTI) .

Section 6: Presents the estimated Cost of Service (CoS) for various consumer categories of the Licensee for the year 2018-19 by classifying the costs into demand, energy and customer related components and then apportioning the same to various consumer categories.

2 EFFICIENCY & PERFORMANCE

2.1 Operational Performance

The performance of the licensee is analyzed duly considering certain key operational and financial parameters during the previous year with the approved values in the Tariff Order 2016-17 and compared to the current year.

2.1.1 Energy Balance

Particulars	2016-17 (Tariff Order)		2016-17 (Actuals)		2017-18 (Revised Estimate)	
	MU	%	MU	%	MU	%
Metered Sales	25812.98	71.08	22076.54	63.43	23529.22	63.92
LT Agricultural Sales	6946.40	19.13	8767.64	25.19	9496.62	25.80
Total Sales	32759.38	90.21	30844.18	88.62	33025.84	89.72
ADD: Distribution Losses (incl. EHT sales)	3555.02	9.79	3960.12	11.38	3785.34	10.28
Energy required at Discom level	36314.40	100.00	34804.30	100.00	36811.18	100.00
Distribution Losses (excl. EHT sales)	3555.02	10.94	3960.12	12.45	3785.34	11.19

2.1.2 Metered Sales

In 2016-17 the metered sales recorded was 22,076.55 MU which is lower than FY2015-16 actual metered sales 22,566.27 MU by 489.72 MU recording a negative growth of 2.2 % over previous year. Out of which 73.87 MU growth has been recorded in LT category and a negative growth of 563.58 MU in HT category. The negative growth rate in HT category is mainly due to

- Reduction in Industrial sales by 1090 MU as more consumers opted for open access.
- However, Government LI schemes have recorded higher sales by 472 MU due to good rainfall and increased ground water conditions.

But the actual metered sales are less than the Tariff Order approved values by 3736.44 MU because of more industrial consumers opted for open access during the FY 2016-17.

During the first half (H1) of 2017-18, the metered sales recorded were 12131.31 MU vis-à-vis previous year first half (H1) sales of 11473.15 MU.

2.1.3 Agricultural sales

In the previous year FY2016-17, the agricultural consumption was 8767.64 MU and the higher growth rate is recorded due to the:

- ✓ Extension of 9Hrs power supply to agriculture consumers from 01.04.2016 as per the policy of Govt. of Telangana State and
- ✓ Higher release of Agricultural connections i.e., 74946 agricultural connections were released in FY2016-17.

In the current year 2017-18, the sales are projected based on the Agl service connections to be released as per the targets for FY17-18 and the GoTS policy of 24hrs. power supply to Agriculture sector w.e.f. 01.01.2018. Hence, the anticipated agricultural consumption for the entire financial year 2017-18 will be 9496.62 MU.

2.1.4 Distribution Loss

Year	Loss Target as per APERC		Actual		No. of 11 kV T&MHQ feeders for which energy audit done	11 kV 2 MVAR capacitor banks added to the system	Additional 33/11 kV sub-stations charged
	Excl. EHT	Incl. EHT	Excl. EHT	Incl. EHT			
2009-10	13.04	11.51	18.41	16.67	1527	154	109
2010-11	14.71	13.1	17.34	15.67	1644	108	90
2011-12	13.86	12.34	18.13	16.36	1768	32	67
2012-13	13.67	12.18	16.28	14.78	1871	77	70
2013-14	12.84	11.44	14.63	13.20	1988	91	60
2014-15	-	-	14.19	12.92	1738	50	81
2015-16	11.63	10.57	12.65	11.59	1764	63	105 nos.
2016-17	10.94	9.79	12.45	11.38	1955	137	63
2017-18	10.78	-	11.66 (upto Sep-17)	10.85 (upto Sep-17)	2000	0	20

As seen from the above table, the actual losses for the FY2016-17 are 12.45 % and reduced compared to previous year loss of 12.65%. However it is expected to reduce the losses further with the implementation of the following measures.

- i) Reduction of both technical and commercial losses by vigorously conducting 11 kV feeder wise energy audits around 1955 Nos. feeders in the company.
- ii) During the year 2017-18, 1955 Nos. feeders (Towns and Mandal Headquarters) are available in EAUDIT for which energy audit is done on regular basis at corporate office level.
- iii) 63 Nos. additional 11 KV 2 MVAR capacitor banks were proposed and added during the year 2016-17

For the year 2016-17, 63 Nos. additional 33/11 kV sub-stations are charged and 2017-18 20 no's sub-stations are charged till sep'17.

2.1.5 Other Significant Achievements:

The other significant achievements of Licensee during FY2016-17 are enumerated below:

Energy Conservation Measures: Licensee has taken the following initiatives for Energy Conservation during FY2016-17, whereby the energy losses to energy input percentage decreased significantly.

- Energy Audit of 26 Towns feeders and 181 Mandal Head Quarter feeders.
- Impact of above measures is apparent. The energy losses in FY 2016-17 are significantly lower than the previous year.
- Arrested the theft of power by regular DPE wings by conducting inspections and special intensive inspections with the DPE & Operation Wings of all circles. During the FY 2016-17, in both HT & LT connections total 145223 no. of cases were booked in pilferage, unauthorized usage, Back billing/Short billing and Development Charges.

2.2 Financial Performance

The following table provides an overview of TSSPDCL's financial performance for the current year and previous year:

2.2.1 Financial Performance Summary

The financial results of the Company for the year ended on 31st March, 2017 the Company had a net regulatory gap of Rs. 5116 crores. The financial performance of the Company is as follows:

Particulars	2016-17 Actual
Supply Margin	20.82
ROCE/Interest	495.40
Total Financing Cost	516.22
Power purchase	17303.80
Transmission charges	1037.09
PGCIL/ULDC Charges	737.79
SLDC Charges	28.86
O&M (Gross)	1963.27
Depreciation	409.57
Interest on consumer deposits	160.14
Special appropriations for safety measures	
<i>Less: Expenses capitalized</i>	<i>(121.95)</i>
Other Costs	14.53
Total Exp. Incl. Finance cost	22049.33
Total Revenue	15899.43
Non-tariff Income (Distribution Business)	59.53
Non-Tariff Income (Retail Supply Business)	31.32
Revenue at Current Tariffs	15548.47
Cross Subsidy Surcharge	255.47
Revenue from Wheeling	4.64

Particulars	2016-17 Actual
Regulatory Gap/(Surplus)	6149.90
Govt. Subsidy	1033.41
Net Regulatory Gap/(Surplus)	5116.49

* Actual depreciation is after netting of amortization of depreciation on Consumer Contribution assets reflected on Revenue side in P&L a/c.

The paragraphs below explain the deviations in key elements:

2.2.2 Revenue from sale of Electricity

The actual revenue from sale of power of the licensee for 2016-17 is Rs.15548.47crore vis-à-vis actuals of the previous year of Rs. 15010.38crore which is higher by Rs. 538.09crore due to the tariff revision in FY2016-17. For the key categories, the category wise actual revenue is tabulated below:

Consumer Categories	2016-17 Actual (Rs. in Crores)
L.T. Supply	6597.76
Domestic Supply	3117.66
Non-Domestic Supply	2286.65
Industrial Supply	670.82
Irrigation & Agricultural	40.25
LT Others	482.39
H.T. Supply	8950.71
Indl Segregated	6031.05
Ferro-Alloys	82.48
Others	1988.40
Aviation	44.27
Irrigation & Agriculture	570.29
Traction	101.25
HT Others	132.99
Total	15548.47

2.2.3 Power purchase cost

In FY2016-17 the actual power purchase cost for TSSPDCL was Rs.17304 crore for purchase of energy of 36801 MU. The average power purchase per unit cost for FY2016-17 is Rs. 4.70. There is an increase in average Power purchase cost per unit in FY2016-17 compared to FY2015-16 (Rs4.46) by Rs. 0.24. This increase of average Power Purchase cost is mainly due to following reasons:

- Very low Hydel generation during FY2016-17 i.e. 1238.71MU against an approved value of 3840.56MU.
- Increase in market purchases i.e. 6187.1MU against an approved value of 291.33MU and corresponding purchase costs.
- Increase in variable cost for Central generating Stations.

2.2.4 Distribution cost

The major deviations in the key elements of distribution cost against tariff order approved values for FY2016-17 are explained below:

Particulars	Tariff Order	Actual	Deviation
Operation and Maintenance Charges	1506	1963.27	457.27
Employee Cost	1043	1490.63	447.63
Administration & General	274	333.79	59.79
Repairs & Maintenance	189	138.85	-50.15
Depreciation	634.64	409.57	(225.07)
Return on Capital Employed	490.17	495.40	5.23

O&M cost:

The operation and maintenance expenses incurred during FY2016-17 is higher than the Tariff order approved values by Rs. 457 crore which is mainly due to creation of provision for terminal benefits who have joined before 01.02.1999 and provision for Earned Leave encashment based on actuarial valuation report.

Depreciation:

The actual depreciation expenses for 2016-17 is Rs. 409.57 crores excluding amortized depreciation on consumer contributed assets of Rs. 263.71 crores. One of the prime factor for variance in depreciation is, that the tariff order approved values includes depreciation on consumer contributed assets whereas the actual values reflect depreciation excluding depreciation on consumer contributed assets.

Another factor for further variation is due to difference in capitalization methodology of various assets considered by the Hon'ble Commission vis-à-vis actuals.

Return on Capital Employed (RoCE):

The Return on capital employed has been increased over tariff order approved value mainly due to change in regulated rate base and average cost of debt which is 11.19% % p.a. vis-à-vis 12 % as approved by the Commission which is detailed below.

Particulars	Tariff order	Actual	Variance
Regulated Rate Base	3921.33	4164.50	243.17
WACC	12.50%	11.89%	(0.60%)
Cost of Debt	12.00%	11.19%	(0.81%)
Return on Equity	14.00%	14.00%	-

2.3 Performance Reports

In accordance with the directive No.1 referred under Fresh Directives [para 172, page 172] in Tariff Order dated 20th March, 2008 issued for Retail Supply Tariffs for the year 2008-09, the Performance Reports of the Licensee are provided as **Annexure-I** to this application

2.4 Status on Implementation of Directives

2.4.1 The status of implementation of directives issued in Tariff Order dated 26th August, 2017 with regard to Retail Supply Tariffs for FY2017-18 are detailed in Table given below:

Directive No.	Description	Compliance Report
A: EARLIER DIRECTIVES		
9.1	Imported Coal The DISCOMs are directed to verify whether imported coal is being procured through competitive bidding process, or under any guidelines issued in this regard by GoI, before admitting the Station wise power purchase bills.	As per TSGenco's letter dated 17.10.2017, the entire coal requirement for TSGenco Thermal Power Stations are being met from M/s. SCCL, which clarifies that no imported coal is being procured by TSGenco.
9.2	Quality of Domestic Coal The DISCOMs are directed to verify that the GCV of coal for which the price is being paid by its contracted generating stations should not be less than the minimum of the range of GCV specified for that particular grade.	TSGenco is procuring entire coal requirement from M/s. Singareni Collieries Company Ltd., which is also a State Government company. As per the directions of Ministry of Power; CEA, New Delhi, all power utilities to carry out third party sampling of coal at loading/unloading points by Central Institute of Mining and Fuel Research (CIMFR). TSGenco has signed a tripartite agreement with M/s. SCCL & Council of Scientific and Industrial Research (CSIR) on third party sampling for coal quality monitoring. The coal sampling is being taken up by TSGenco accordingly.
9.3	Transportation of Failed Transformers The DISCOMs shall ensure that the transportation of failed transformers is done at the cost of DISCOMs. In case, vehicle provided to sub-division, for this purpose, is unable to meet the requirement, replacement of failed DTRs should be done by hiring a private vehicle for this purpose only. For hiring the vehicles (the tractor trailers are available in villages) wherever necessary, the schedule of rates either on kilo meter basis or on per day basis may be fixed. The DISCOMs are directed to submit the measures taken in this regard and expenditure incurred towards the same on half yearly basis.	The transportation of failed distribution transformers is being done at the cost of DISCOM and in case of transporting by the consumer the charges will be paid as per the approved rates of the DISCOM.
9.4	Segregation of Loads in Airport The Licensee is directed to segregate aviation activity loads and non-aviation	M/s GMR International Airport is presently fed from 220/33 kV RGIA

Directive No.	Description	Compliance Report
	<p>activity loads of the consumer (GMR International Airport at Hyderabad) at the DISCOM metering point itself so as to have separate metering for both categories of loads in order to bill under appropriate category and submit the report to the Commission by the end of September 30, 2017. The Licensee is also directed to conduct a study on the load pattern of aviation activity for computing the cost of service as directed earlier.</p>	<p>substation (4 Nos. 33 kV feeders) metering at 220 kV level. Further GMR has constructed and completed another 220/33 kV new GMR substation (12 Nos. 33 kV feeders) for catering existing and upcoming commercial, industrial category loads.</p> <p>On commissioning of the substation, the non-aviation loads of GMR Airport will be segregated and fed from new substation with a separate metering at source point and to bill under appropriate category.</p> <p>However, at present the identified and segregated non-aviation loads viz., M/s.Novotel and M/s.Amazon; are being billed under HT-II category by installing the sub-meters.</p> <p>The Cost of Supply (COS) shall be calculated based on the study of load pattern of GMR Airport service.</p>
9.5	<p>Cost of Service of HT V(B) HMR</p> <p>The Commission directs SPDCL to study the consumption pattern for the portion of energy likely to be consumed for the commercial operation (after commencement) of HMR Railway Traction out of the total energy to be consumed during FY2017-18 and propose the Cost of Service for the subsequent year so as to examine the same.</p>	<p>The category CoS for HMR Metro Rail shall be proposed in next filings since commercial operation of HMR has recently commenced i.e., on 29th November, 2017.</p>
B: CURRENT YEAR DIRECTIVES		
9.6	<p>Submission of Tariff Proposals</p> <p>i. The DISCOMs are directed to submit the ARR and Tariff proposals on time i.e. by 30th November of current year in order to make the Tariff Order effective from 1st April of the next year.</p>	<p>i. The licensee has made every effort to comply with legal requirement of filing the ARR for the FY 2018-19 but there are certain factors which are beyond the control of the licensee that need to be considered for the ARR filing for the ensuing year such as assessing the impact of 24hrs supply to agriculture as per the policy of GoTS and commissioning of LI Schemes. Hence, the licensee humbly requested the Hon'ble Commission to grant additional time for filing of ARR for Retail Supply business for FY2018-19 up to 15th December, 2017. The Hon'ble Commission has been kind enough</p>

Directive No.	Description	Compliance Report
	<p>i. The DISCOMs are directed to include the technical glossary in their tariff filings from next year.</p> <p>ii. The DISCOMs shall ensure that the Summary of Tariff Filings and ARR are brought in Telugu language and make available to the interested persons and shall be uploaded on their websites from next year Tariff filings.</p>	<p>in granting permission to submit the filings by 15th December, 2017.</p> <p>ii. Being complied with the directive.</p> <p>iii. Being complied with the directive.</p>
9.7	<p>Procurement of Short-Term Power Procurement of power to meet demand on short-term basis shall always be on competitive bidding.</p>	<p>Power Procurement under Short Term is being carried out through National e-bidding Portal (DEEP) as per the MoP revised guidelines on Short Term Procurement dated 30.03.2016. During 2017-18 so far, 4 Nos. tenders were floated (up to 17.10.2017) for RTC & Non-RTC power procurement under short term basis for the months of Jul'17, Aug'17, Sep'17 & Oct'17 through National e-bidding portal as per the grid requirement. The above said power procurement under Short term basis through National e-bidding portal were ratified by the Hon'ble Commission vide letters dated 16.08.2017 & 12.10.2017.</p>
9.8	<p>Lack of Adequate Manpower Several consumers have expressed concerns regarding the lack of adequate manpower at the field level. The DISCOMs are directed to examine this issue and initiate appropriate action.</p>	<p>The sanction posts of Linemen/Asst. Linemen/Junior Linemen to the Operation Sections are as per norms only. There are certain vacancies existing in the initial cadres. The recruitments to such initial cadre are being taken up in phased manner and such vacancies will be filled up in due course.</p> <p>In addition to the regular manpower, Artisans are also being engaged on contract basis for the works of Operation & Maintenance. Steps for filling up 852 posts of Junior Linemen and 187 posts of Junior Assistants in TSSPDCL are being taken up as per Judgment dated 13.10.2017 of the Hon'ble High Court.</p>
9.9	<p>Poor Distribution Infrastructure i. Several stakeholders have expressed concerns regarding the</p>	<p>Action plan on the measures proposed to address the issues on the sagging</p>

Directive No.	Description	Compliance Report
	sagging distribution lines, absence of AB switches and lack of protection for the DTRs. The DISCOMs are directed to take measures for providing adequate protective measures for the distribution infrastructure. The DISCOMs are directed to submit an action plan on the measures proposed to address the aforementioned issues within 3 months of issue of this Order. The DISCOMs are further directed to submit the progress of the proposed measures on half yearly basis.	distribution lines, absents of AB switches and lack of protection for the DTRs will be submitted shortly.
	i. Several stakeholders have expressed concerns that the poor distribution infrastructure is the main cause of electrical accidents. The DISCOMs are directed to submit a detailed report on its root-cause analysis of the electrical accidents in their respective supply areas during FY2016-17 and the preventive measures adopted (at the place of accident as well as in the other areas of supply) for preventing such accidents within 3 months of issue of this Order.	<p>Root causes for the electrical accidents are identified as:</p> <ul style="list-style-type: none"> a. Snapping of Conductors; b. Accidental contact with live electric wire/equipment; c. DTRs with the absence of AB switches; d. No proper supporting structures to the DTRs; e. Violation of safety measures/lack of supervision; f. Defective appliances of the consumers; g. Unauthorized meddling with equipments; <p>For carrying out various rectification & prevention measures budget is allotted under DNR drive & safety measures for following works-</p> <ul style="list-style-type: none"> a. Intermediate poles are erected wherever there are loose spans b. Providing of proper earthing/plinth raising/fencing around DTRs c. Providing of SMC distribution boxes. d. Rectification of DTR structures, AB switches, HG fuses/safety materials viz., gum boots, helmets <p>Also, safety week is conducted every year, where the consumers are made aware of the safety precautions to be taken.</p>
9.10	<p>Release of Ex-gratia in cases of Electrical Accidents</p> <p>Several stakeholders have expressed concerns that the ex-gratia for affected parties due to electrical accidents is not being released promptly. The Commission directs the DISCOMs to</p>	As per the directions of the Hon'ble Commission simplified online procedure has been adopted to release promptly the ex-gratia due to electrical accidents to the affected parties by providing a

Directive No.	Description	Compliance Report																		
	strive to release the ex-gratia to the affected parties due to electrical accidents promptly. The applicants should be provided with a unique identification number upon receipt of application and status of the same should be intimated to the applicant and status of the application should be made available on the respective DISCOM's website.	unique identification number upon uploading the details viz., post mortem report, FIR, legal heir certificate, etc., in the online portal. Status of the application is intimated to the applicant and also made available on the TSSPDCL website.																		
9.11	Other Premises of IT Units The DISCOMs are directed to submit an action plan for implementation of separate meters at each individual utilisation point and the associated cost of such installation (the Licensee share and the consumer share) with details of revenue impact by November 30, 2017.	The assessment of arranging separate metering to other premises of IT units (which are approved by CCITI and availing Industrial Power Tariff) such as cafeteria, hotels, ATMs/banks, auditoriums & other amenities is being done and hence the Licensee shall submit the details of revenue impact to the Hon'ble Commission.																		
9.12	Participation in UDAY Scheme i. The DISCOMs are directed to create a web based platform for displaying the plan and progress as against the targets set forth under the UDAY on similar lines of Ministry of Power, Govt by September 30, 2017. ii. The DISCOMs shall submit the copy of detailed action plan, to the Commission, as stipulated in UDAY MoU to achieve the projected trajectory for AT&C loss and ACS-ARR gap by November 30, 2017.	Complied with. The link to the UDAY portal of Ministry of Power has been provided on TSSPDCL website www.tssouthernpower.com . AT&C Losses: TSSPDCL shall endeavor to reduce AT&C losses from 14% in FY2015-16 to 9.9% by FY2018-19 as per following trajectory - <table><tr><th>Year</th><th>2015-16</th><th>2016-17</th><th>2017-18</th><th>2018-19</th></tr><tr><td>AT&C Loss</td><td>14%</td><td>12.7%</td><td>11.3%</td><td>9.9%</td></tr></table> Action Plan for AT&C loss reduction: i) Inaccuracies in billing software/backend entries/non delivery of bills on time - There can be inaccuracies in the billing software. To overcome this issue, TSSPDCL has started using spot billing and installation of IRDA meters. More than 65% of non-IRDA meters have been replaced with IRDA meters till now and the same is planned to be completely executed by the end of FY 2017-18. The details relevant to IRDA meter installation is as follows:- <table><tr><th>Description</th><th>Target Date</th><th>Officer incharge</th><th>Resources required</th></tr><tr><td>Replacement of</td><td>31.3.18</td><td>CGM</td><td>Rs 110</td></tr></table>	Year	2015-16	2016-17	2017-18	2018-19	AT&C Loss	14%	12.7%	11.3%	9.9%	Description	Target Date	Officer incharge	Resources required	Replacement of	31.3.18	CGM	Rs 110
Year	2015-16	2016-17	2017-18	2018-19																
AT&C Loss	14%	12.7%	11.3%	9.9%																
Description	Target Date	Officer incharge	Resources required																	
Replacement of	31.3.18	CGM	Rs 110																	

Directive No.	Description	Compliance Report									
		<div>Non IRDA meters with IRDA meters is being executed in a phased manner. 41,80,044 IRDA meters have been installed out of 57,31,500 IRDA port meters procured till date. In addition to this, 9,15,047 meters will be procured by the end of FY2017-18 Q-3.</div>		Comm	crore would be required for procurement of meters, along with the labour and installation charges.						
		<div>ii) Defective meters - Defective meters are being identified and replaced at the earliest.</div> <div>iii) Defective CTs/PTs - Defective CTs and PTs are being identified and rectified/replaced at the earliest. A testing plan for the same is also being followed.</div> <div>iv) Unmetered connections - All the connections except agricultural connections in TSSPDCL jurisdiction have been metered. For agricultural consumers, the consumption is calculated based on the sampling done as per the ISI methodology.</div> <div>v) Energy accounting measures - To keep account of energy being consumed. All the feeders have been metered by TSSPDCL. Energy auditing is being done for all the feeders except rural agricultural feeders as well. Plan to audit the rural agricultural feeders is as follows-</div> <table><tr><th>Description</th><th>Target Date</th><th>Officer incharge</th></tr><tr><td>In the month of Aug'17, input from all the 3,114 rural agricultural feeders would be recorded. In the month of Sep'17, connected load to all the DTs connected to these feeders and consumer consumption would be recorded. During Q3 and Q4 of FY2017-18, 520 feeders would be audited every month.</td><td>31.3.18</td><td>CGM Energy audit</td></tr></table> <div>vi) Electricity theft - To control electricity theft, areas having rampant electricity theft cases has been identified. Regular surprise</div>				Description	Target Date	Officer incharge	In the month of Aug'17, input from all the 3,114 rural agricultural feeders would be recorded. In the month of Sep'17, connected load to all the DTs connected to these feeders and consumer consumption would be recorded. During Q3 and Q4 of FY2017-18, 520 feeders would be audited every month.	31.3.18	CGM Energy audit
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Directive No.	Description	Compliance Report								
		<p>visits are conducted in these areas by anti-power theft squad. People who are found associated with theft are penalized and if the same person is found to steal electricity again, he/she is imprisoned. Also, AB cables are planned to be placed in such theft prone areas.</p> <p>vii) Low consumer awareness - Consumer awareness regarding energy efficiency, power theft etc. is being increased using various mediums like Newspaper, FM radio, internet posts etc.</p> <p>viii) Lack of trained meter inspectors - To increase the number of competent meter inspectors, new employees are being trained for the same.</p> <p>ix) Lack of collection facilities - Avenues like Paytm, Freecharge have been associated with TSSPDCL to improve the cash-less payment system.</p> <p>x) Collection of government payments - To collect the government payments on time, instead of collecting it at the end of the year, TSSPDCL has started a pilot project of installing 200 pre-paid meters in government offices. The plan to install a total of 16,884 such pre-paid meters in government offices is as follows-</p> <table><tr><th>Description</th><th>Target Date</th><th>Officer in charge</th><th>Resources required</th></tr><tr><td>All the 16,884 will be installed in government office premises in a phased manner by the end of FY2017-18. By the end of Q3 of FY2017-18, 8,377 meters to be installed. In Q4 of FY2017-18, remaining 8,507 meters are planned to be installed.</td><td>31.3.18</td><td>CGM Finance</td><td>Rs 18.6 crore would be required for procurement of meters, along with the labour and installation charges.</td></tr></table> <p>xi) BPL consumers - Proper financial support in the form of subsidy is being provided by government to TSSPDCL to cater to the needs of</p>	Description	Target Date	Officer in charge	Resources required	All the 16,884 will be installed in government office premises in a phased manner by the end of FY2017-18. By the end of Q3 of FY2017-18, 8,377 meters to be installed. In Q4 of FY2017-18, remaining 8,507 meters are planned to be installed.	31.3.18	CGM Finance	Rs 18.6 crore would be required for procurement of meters, along with the labour and installation charges.
Description	Target Date	Officer in charge	Resources required							
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Directive No.	Description	Compliance Report
	<p>i. The DISCOMs shall endeavour to reduce the AT&C losses to 9.90% and 10.00% for NPDCL and SPDCL respectively by FY2018-19, as per the targets set forth in UDAY MoU. Further the DISCOMs are also directed to submit quarterly AT&C loss reports (division/circle wise).</p>	<p>such consumers.</p> <p>Complied. The quarterly AT&C loss reports circle-wise are being submitted to the Hon'ble Commission.</p>
	<p>v. The DISCOMs are directed to submit a quarterly progress report on operational milestones specified in DDUGJY & IPDS.</p>	<p>Progress of DDUGJY & IPDS schemes in TSSPDCL as follows:</p> <p><u>DDUGJY:</u></p> <ul style="list-style-type: none"> • Scheme cost is Rs.336.65 crore, Gol grant – 60%, loan – 30%, DISCOM contribution – 10%. • 50% of loan component (30%) i.e. 15% will be converted to grant, if the scheme completed within the target period of 30 months from the date of sanction i.e., before 10.11.2018 and on achievement of prescribed milestones. • Agreements were concluded for all 23 Nos. works. Out of 336.65 crore sanctioned, works are awarded for Rs.245 crore and material POs issued by TSSPDCL for Rs.50.95 crore. • 46 Nos. Substations, 260 km 33 kV line, 2016 km 11 kV line, 3950 km LT line, 5598No.of DTRs and 285240 nos. BPL connections were sanctioned under the scheme. • 41 Nos. Sub-stations works are started and remaining works are under progress. <p><u>IPDS:</u></p> <ul style="list-style-type: none"> • Scheme cost is Rs.450.20 crore, Gol grant – 60%, loan – 30%, DISCOM contribution – 10%. • 50% of loan component (30%) i.e., 15% will be converted to grant, if the scheme completed within the target period of 30 months from the date of sanction i.e., before 15-09-2018 and on achievement of prescribed milestones.

Directive No.	Description	Compliance Report
		<ul style="list-style-type: none"> • LOA was issued to RECPDCL on 20.02.2016, appointing them as common Project Management Agency for execution of both IPDS and DDUJY schemes in TSSPDCL @1% scheme cost as their contract price. Agreement concluded on 09.05.2016. • PFC vide letter dt.20.07.2017 has communicated revised sanction of IPDS scheme duly adding Husnabad town in Karimnagar circle of TSNPDCL to Medak project area of TSSPDCL. Accordingly, sanction amount is Rs.454.09 crore + PMA cost of Rs.2.27 crore (6 circles, 35 towns). • Out of Rs.454.09 crore sanctioned, works are awarded for Rs.454.09 crore i.e., 100% of scheme cost. • An amount of Rs.78 crore (approx) is released by PFC towards 1st & 2nd instalments of IPDS grant, on achieving the target milestone of placing LOIs for semi-turnkey contracts as well as high value material for 100% of scheme cost before 30.09.2017. • 21 Nos. substations, 119 km 33 kV line, 334 km 11 kV line, 1730 km LT line and 2416 Nos. new DTRs were sanctioned under the scheme. • Works are taken up and under progress. So far, 5Nos. substations, 7.42 km of 33 kV OH line, 18. km 11 kV OH line. 27.09 km UG cable, 31 Nos. new DTRs, 6 Nos. enhancement DTRs and 2450 Nos. consumer meters are completed and amount of Rs.10.26 crore is paid to vendors through PFMS platform.
7.	The DISCOMs shall achieve 100% DTR metering, 100% feeder metering, physical feeder segregation as stipulated in UDAY MoU and submit a quarterly report on the same.	<p>100% DTR Metering: Total target for metering DTs for FY2017-18 by TSSPDCL is 2167, whereas 27246 no. DTRs have already been metered by the end of September 2017.</p> <p>100% feeder Metering: TSSPDCL has successfully completed 100% feeder metering by FY2015-16. All the new</p>

Directive No.	Description	Compliance Report
		<p>feeders being installed are also being metered at the time of installation.</p> <p>Physical feeder segregation: Four (4) agricultural feeders have been segregated till the end of Sep'17. Since TSSPDCL is providing 24x7 electricity supply for agricultural sector, there is no need to move ahead with the feeder separation.</p>
	i. The DISCOMs shall undertake the energy audit up to 11 kV level in rural areas by 31.03.2018 and furnish a progress report on energy audit by December 31, 2017.	All the agriculture DTRs connected to 11 kV feeders are being surveyed and will be mapped to the feeders. After mapping of the agriculture DTRs, energy audit will be taken up in phased manner.
	i. The DISCOMs shall replace 10% of existing agricultural pump sets with energy efficient pump sets as stipulated in UDAY MoU and submit a quarterly progress report on the same.	Total target to replace normal agricultural pumps by energy efficient agricultural pumps by TSSPDCL under UDAY scheme is 26373. TSSPDCL needs financial support to meet this target as it involves huge upfront cost to execute.
	i. Upon finalisation and issuance of annual accounts, the DISCOMs shall submit the same duly audited.	Statutory audit in TSSPDCL for FY2016-17 has been completed and the annual accounts were submitted to AG Audit. Draft audit comments were received but the final C&AG comments are yet to be received from Delhi. Soon after receiving the final comments from C&AG, the same will be incorporated and the printed annual report will be submitted.
9.13	<p>Others</p> <p>i. Undertake actuarial valuation for determining the future pension liabilities.</p> <p>ii. Revise the pay revision policy to implement pay revisions in accordance with State Government of Telangana.</p> <p>iii. Benchmark employee costs with DISCOMs of other states and endeavour to achieve efficiency of the same.</p>	The licensee shall address the directive eventually.
9.14	<p>Automatic Starters for Agricultural Consumption</p> <p>In view of the State Government's initiative to provide 24-hours power supply for agricultural consumers, the DISCOMs are directed to do away with the usage of automatic starters so as to</p>	Wide publicity to the farmers for the removal of autos starters have been given by distributing pamphlets. Also the field officers are taking up special drive for removal of auto starters.

Directive No.	Description	Compliance Report
	regulate the consumption of electricity. A detailed report of the same shall be furnished by December 31, 2017.	
9.15	<p>Payments and Realisations</p> <p>i. E-payments:</p> <ul style="list-style-type: none"> The DISCOMs are directed to encourage e-payments through introduction of rebates and incentives upon adoption of such payment modes by consumers. The DISCOMs are directed to launch a consumer awareness programme emphasising the benefits of adoption of such e-payment modes. The DISCOMs are directed to explore and analyse the implementation of mandatory e-payments for EHT consumers and bulk consumers. <p>ii. Incentives for advance payments: The DISCOMs are directed to explore the option of incentivising advance payments by the way of rebates or payment of interest on such advance payments (by way of adjusting future bills).</p> <p>iii. Incentives for payment before due date: In order to encourage early payment of bills by Gram Panchayats, the DISCOMs are directed to explore the option of provision of rebates on such payments. Additionally, a recognition</p>	<ul style="list-style-type: none"> TSSPDCL has been encouraging the e-payments through various Payment Gateway Interface Service Providers i.e., BillDesk, Paytm, TAWallet, Bill Junction, etc., in addition to the State Govt. Services, i.e. T-Wallet, e-Seva, & APTOnline. As per the directions of the Govt. of India, the proposal to participate on NPCI Products viz. BBPS, BHIM and Bharat QR, the applicable transaction charges/ MDR charges are to be borne by TSSPDCL. This is an additional financial burden on TSSPDCL. Presently, the transaction charges borne by consumers only. But there is no provision to collect the charges from consumers as per RBI Guidelines under BBPS/BHIM/ Bharat QR. Further, the consumer awareness programs have been conducted at all the premises of EROs and Division Offices to educate the consumers on cashless/ digital payments. TSSPDCL has been collecting 100% payments from all the HT consumers through Virtual Current Accounts, which are opened with the SBI Bank and details of account number, Bank name and IFSC code are displayed in the respective consumer CC bills every month. <p>The proposal for incentives for advance payments will be submitted for next financial year after studying such practices in other state DISCOMs.</p> <p>The proposal for incentives for payment before due date will be submitted for next financial year after studying such practices in other state DISCOMs.</p>

Directive No.	Description	Compliance Report
	<p>scheme for prompt payments and saving of power may be introduced by the DISCOMs.</p> <p>Realisations from South Hyderabad: For the southern Hyderabad zone, the DISCOMs are directed to launch a:</p> <ul style="list-style-type: none"> Name & shame campaign for outstanding dues and; Scheme of rebates, incentives and recognition for prompt payments. 	<ul style="list-style-type: none"> A caption on the CC Bill will be printed as "You are a default consumer". Surcharge Waiver Scheme: It is proposed to allow/extend 25% waiver of surcharge amount outstanding as on date, subject to the payment of 100% of principle amount and balance 75% of surcharge in a single payment against LT private domestic UDC [more than 4 months] services and Bill Stopped Services. The Scheme to be implemented in entire jurisdiction of the Company.
9.16	<p>Measures to Reduce Peak Demand The DISCOMs are directed to study and propose measures to reduce the peak demand. A presentation of such measures, other than TOD shall be made to the Commission by January 31, 2018.</p>	The Licensee shall submit the measures to reduce the peak demand by 31 st January, 2018.
OTHERN DIRECTIVES		
a)	<p>Metering of Agricultural Connections (2.9.11(a) in pg 33) The Commission directs the DISCOMs submit an action plan to meet the specification of UDAY with regard to metering of agricultural connections. In case an action plan is not put in place and non-achievement of targets by end of 2017-18 as stipulated in UDAY, the basis for approval of agricultural sales for FY 2018-19 will be taken at the levels of FY 2015-16.</p>	The licensee humbly submits that the UDAY MoU specifies an action plan regarding DTR metering in urban area and there is no specification regarding the metering of agricultural connections and the same has been submitted to the Hon'ble Commission in Review Petition of the licensee on Tariff Order for FY2017-18 vide R.P.(SR)No.32 of 2017 in OP No.11 of 2017
b)	<p>Filing of Resource Plan (2.3.8(b) in pg 17) Clause No.9 of Regulation No.4 of 2005 stipulates that the Distribution Licensee should file the resource plan on 1st April of the year preceding the first year of the Control Period. The Commission directs the Licensees to comply with Clause No.9 of Regulation No.4 of 2005 for the next Control Period commencing on 01.04.2019.</p>	The licensee shall file the resource plan for the next control period as per Reg.4 of 2005 by 1 st April, 2018.

Directive No.	Description	Compliance Report
c)	<p>Surrender the share of TS State in NTECL Vallur TPS & NLC TamilNadu Power Ltd. (3.3.17 in pg 48)</p> <p>The Commission thus directs the DISCOMs to surrender the allocated share of Telangana State in NTECL Vallur TPS and NLC TamilNadu Power Ltd.</p>	<p>With regard to the directive for surrender of Telangana State share in M/s.NLC TamilNadu, the relevant PPA clause 15.0 (entered with M/s.NLC TamilNadu Power Ltd. NTPL-TPS) is herewith submitted:</p> <p><i>“.....The agreement shall remain operative up to completion of twenty five (25) years (i.e., up to 28.08.2014) from the date of commercial operation of NTPL-TPS (2×500 MW) provided that this Agreement may be mutually extended, renewed or replaced by another Agreement.....”.</i></p> <p>With regard to NTECL Vallur PPA clause 6.5.5, the following is submitted:</p> <p><i>“.....It is agreed that in case of default, TSDISCOMs shall continue to be <u>liable to pay the Capacity Charges</u> in proportion to its allocation during the period of regulation / diversion of power or till the power is reallocated to other Bulk Power Customer(s)/third party(ies). PPA is valid for 25 years (i.e., up to 25.02.2040)....”</i></p> <p>Further, to submit that the Government of Telangana State had already addressed a letter dt.22.06.2017 to Ministry of Power, government of India requesting to consider re-allocation of the Telangana State Power Share of 109.2 MW in NTECL Vallur Project to other needy States in order to lessen the financial burden of Telangana DISCOMs. So far, the Ministry of Power, Government of India has not re-allocated Telangana State share to other states. Unless the Ministry of Power, Government of India re-allocates the quantum of power share of Telangana State in the Central Generating Stations to any other needy states, TSDISCOMs are liable to pay the Capacity & Energy charges as per the respective PPA provisions. The same is the case with NLC TamilNadu Power also. This case will also be taken</p>

Directive No.	Description	Compliance Report
		up with Ministry of Power, after re-allocation of Telangana State share in NTECL/Vallur is done.

3 SALES FORECAST AND POWER PROCUREMENT PLAN

3.1 Sales Forecast

3.1.1 The Sales projections for Second Half of FY2017-18 i.e. H2 of FY2017-18 and for FY2018-19 are made based on the **Trend Method and End-User Method**.

Trend method of demand forecasting assumes that the underlying factors, which drive the demand for electricity, are expected to follow the same trend as in the past and hence the forecast for electricity is also based on the assumption that the past trend in Consumption of electricity will continue in the future. The strength of this method, when used with balanced judgment, lies in its ability to reflect recent changes and therefore is probably best suited for a short-term projection as used for the ARR/ Tariff filing.

End-Use method has been used for projecting the sales in certain categories i.e., HT-I Industrial, HT-IV Lift Irrigation & CPWS and HT-V Traction, because of high dependence of demand on the end-use and since the historical growth trend for these categories does not take into consideration the new initiatives which have significant impact on the sales projections.

Sales Forecast has been developed primarily based on analysis of historical data for the period FY2011-12 to H1 of FY2017-18 and additional energy requirement under certain categories. The following inputs have been taken to arrive at sales projections for H2 of FY2017-18 and FY2018-19.

- Actual Sales till September 2017.
- Category wise CAGR (Compound Annual Growth Rate) trend during the last 5 years, 4 years, 3 years, 2 years, 1 year and growth rate of first half of FY2017-18 over first half of FY2016-17 have been considered for projecting sales for H2 of FY2017-18. Sales for ensuing year FY2018-19 has been projected considering the revised estimates for FY2017-18 applying the appropriate growth rates based on CAGR.
- Estimation of additional Energy requirement for H2 of FY2017-18 and FY2018-19 was made by considering the Upcoming Lift Irrigation projects information received from the Irrigation Department, Metro Rail Loads addition as per the information received from the Hyderabad Metro Rail Limited, new Traction loads as per the information received from South Central Railways, upcoming loads under Mission Bhageeratha project and major Industrial loads yet to be released in current & ensuing years.

3.1.2 Historical Sales: The actual category wise, voltage wise sales trend from FY2011-12 to H1 of FY2017-18 pertaining to TSSPDCL which have been considered for sales projections is shown in the below table

Category/Sales (MU)	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18 H1
LT Category	14698.53	14616.26	15399.19	16494.37	17310.54	19,634.36	11057.09
LT-I: Domestic	5,080.73	5,288.99	5517.93	6159.07	7021.44	7,084.04	4148.10
LT-II: Non-Domestic/ Commercial	1,696.89	1,735.72	1783.71	1893.01	2187.51	2,208.81	1257.29
LT-III: Industry	724.80	690.43	730.38	757.33	802.25	812.65	411.59
LT-IV: Cottage Industries	9.38	9.13	8.67	8.92	9.12	9.34	4.53
LT-V: Agricultural	6,553.77	6,229.27	6694.29	6932.86	6517.67	8,767.64	4869.17
LT-VI: Street Lighting & PWS Schemes	581.78	610.08	612.99	688.48	709.69	684.76	329.85
LT-VII: General Purpose	49.43	50.64	50.48	54.70	61.49	65.01	35.12
LT-VIII: Temporary Supply	1.74	1.99	0.75	-	1.36	2.11	1.44
HT Category	11069.26	9769.46	10252.25	11583.36	11773.40	11,209.83	5943.39
HT Category at 11 kV	3775.85	3479.01	3702.17	4065.83	4434.30	4,490.53	2529.15
HT-I(A): Industry (General)	2,629.82	2,294.15	2489.84	2662.92	2934.05	2,971.10	1645.70
HT-I(B): Ferro Alloy Units	-	-	-	-	-	0.10	0.06
HT-II: Others	1,004.62	1,037.65	1042.05	1199.89	1325.20	1,346.51	783.04
HT-III: Airports, Bus Stations and Railway Stations	-	-	4.00	5.31	5.65	5.14	2.62
HT-IV(A): Lift Irrigation & Agriculture	45.40	21.10	27.32	39.08	19.63	26.12	8.65
HT-IV(B): CPWS	26.36	29.80	29.87	43.98	35.76	28.18	17.18
HT-VI: Townships & Residential Colonies	55.99	62.62	69.78	76.00	79.38	81.58	51.86
HT-Temporary Supply	13.65	33.70	39.31	38.66	34.62	31.80	20.04
HT Category at 33 kV	4595.66	3943.51	4064.28	4634.04	4599.64	3,726.57	2087.58
HT-I(A): Industry (General)	3,893.58	3,259.17	3431.54	3978.24	3955.27	3,059.99	1702.29
HT-I(B): Ferro Alloy Units	196.02	139.51	75.09	71.53	25.86	-	-
HT-II: Others	468.85	497.07	510.52	517.72	555.09	598.96	341.83
HT-III Airports, Bus Stations and Railway Stations	-	-	-	-	-	-	-
HT-IV(A): Lift Irrigation & Agriculture	13.12	15.85	13.23	19.10	18.45	24.64	13.47
HT-IV(B): CPWS	1.69	1.83	1.76	3.86	2.35	0.39	0.86
HT-VI: Townships & Residential Colonies	22.38	30.02	32.14	35.72	39.39	42.59	29.14
HT-Temporary Supply	0.03	0.07	-	7.88	3.23	-	-
HT Category at 132 kV	2697.74	2346.93	2485.80	2883.48	2739.46	2,992.72	1326.66
HT-I(A): Industry (General)	2,013.05	1,767.27	1804.47	2069.01	2001.80	1,770.02	892.65
HT-I(B): Ferro Alloy Units	141.68	107.16	104.35	135.38	129.67	159.87	62.16
HT-II: Others	96.59	41.85	39.92	47.37	58.52	63.68	33.93
HT-III Airports, Bus Stations and Railway Stations	-	54.55	55.25	57.98	58.34	55.37	33.79
HT-IV(A): Lift Irrigation & Agriculture	304.81	227.03	329.89	406.82	342.89	802.27	222.12
HT-IV(B): CPWS	-	-	-	-	-	-	-
HT-V(A): Railway Traction	141.61	149.08	151.93	166.92	148.24	141.52	82.01
HT-V(B):HMR	-	-	-	-	-	-	-
HT-VI: Townships & Residential Colonies	-	-	-	-	-	-	-
HT-Temporary Supply	-	-	-	-	-	-	-
Total	25767.79	24385.71	25651.44	28077.72	29083.94	30,844.18	17000.48

3.1.3 Category wise CAGRs (Compounded Annual Growth Rates) and Adopted Growth Rates:

The CAGRs recorded during the last 5 years (FY2011-12 to FY2016-17), growth rate of FY2017-18 H1 over FY2016-17 H1 and adopted growth rates category wise for the sales estimations for H2 of FY2017-18 are shown in the table below:

Category/Sales Growth	5Yrs CAGR	4Yrs CAGR	3Yrs CAGR	2Yrs CAGR	1Yr CAGR	H1 CAGR	Adopted Growth
LT Category	5.96%	7.66%	8.44%	9.10%	13.42%	22.89%	-4.32%
LT-I: Domestic	6.87%	7.58%	8.68%	7.25%	0.89%	8.93%	8.93%
LT-II: Non-Domestic/Comml	5.41%	6.21%	7.39%	8.02%	0.97%	9.09%	9.09%
LT-III: Industry	2.31%	4.16%	3.62%	3.59%	1.30%	3.96%	3.96%
LT-IV: Cottage Industries	-0.10%	0.57%	2.51%	2.31%	2.38%	-5.60%	2.00%
LT-V: Agricultural	5.99%	8.92%	9.41%	12.46%	34.52%	49.12%	-15.90%
LT-VI: Street Lighting & PWS Schemes	3.31%	2.93%	3.76%	-0.27%	-3.51%	-2.37%	2.00%
LT-VII: General Purpose	5.64%	6.45%	8.80%	9.02%	5.73%	8.10%	8.10%
LT-VIII: Temporary Supply	3.90%	1.52%	41.39%	-	55.73%	54.04%	10.00%
HT Category	0.25%	3.50%	3.02%	-1.63%	-4.79%	3.53%	6.94%
HT Category at 11 kV	3.53%	6.59%	6.65%	5.09%	1.27%	10.20%	10.05%
HT-I(A): Industry (General)	2.47%	6.68%	6.07%	5.63%	1.26%	10.64%	10.64%
HT-I(B): Ferro Alloy Units	-	-	-	-	-	-	-
HT-II: Others	6.03%	6.73%	8.92%	5.93%	1.61%	7.64%	7.64%
HT-III: Airports, Bus Stns and Railway Stns	-	-	8.75%	-1.58%	-9.06%	-8.96%	2.00%
HT-IV(A): Lift Irrigation&Agl.	-10.47%	5.48%	-1.49%	-18.25%	33.01%	63.98%	33.01%
HT-IV(B): CPWS	1.34%	-1.39%	-1.92%	-19.95%	-21.18%	34.90%	34.90%
HT-VI: Townships&Res.Col	7.82%	6.84%	5.35%	3.61%	2.78%	18.73%	7.82%
HT-VII Temporary Supply	18.43%	-1.44%	-6.83%	-9.31%	-8.16%	28.16%	2.00%
HT Category at 33 kV	-4.11%	-1.40%	-2.85%	-10.32%	-18.98%	4.09%	3.24%
HT-I(A): Industry (General)	-4.70%	-1.56%	-3.75%	-12.30%	-22.64%	2.77%	2.00%
HT-I(B): Ferro Alloy Units	-	-	-	-	-	-	-
HT-II: Others	5.02%	4.77%	5.47%	7.56%	7.90%	6.72%	6.72%
HT-III: Airports, Bus Stns and Railway Stns	-	-	-	-	-	-	-
HT-IV(A): Lift Irrigation&Agl.	13.43%	11.66%	23.05%	13.59%	33.57%	110.75%	33.57%
HT-IV(B): CPWS	-25.34%	-31.91%	-39.42%	-68.11%	-83.33%	2049.55%	2.00%
HT-VI: Townships&Res.Col	13.74%	9.14%	9.84%	9.20%	8.13%	30.15%	13.74%
HT-VII Temporary Supply	-	-	-	-	-	-	-
HT Category at 132 kV	2.10%	6.27%	6.38%	1.88%	9.24%	-7.87%	6.64%
HT-I(A): Industry (General)	-2.54%	0.04%	-0.64%	-7.51%	-11.58%	-5.67%	2.00%
HT-I(B): Ferro Alloy Units	2.44%	10.52%	15.28%	8.67%	23.29%	-27.64%	2.00%
HT-II: Others	-8.00%	11.06%	16.85%	15.95%	8.81%	-0.43%	2.00%
HT-III: Airports, Bus Stns and Railway Stns	-	0.38%	0.07%	-2.27%	-5.10%	11.51%	11.51%
HT-IV(A): Lift Irrigation&Agl.	21.36%	37.11%	34.48%	40.43%	133.97%	-19.12%	2.00%
HT-IV(B): CPWS	-	-	-	-	-	-	-
HT-V(A): Railway Traction	-0.01%	-1.29%	-2.34%	-7.92%	-4.53%	19.08%	5.00%
HT-V(B): HMR Traction	-	-	-	-	-	-	-
HT-VI: Townships&Res.Col	-	-	-	-	-	-	-
HT-VII Temporary Supply	-	-	-	-	-	-	-
Total	3.66%	6.05%	6.34%	4.81%	6.05%	15.35%	-0.50%

The CAGRs recorded during the last 5 years (FY2012-13 to FY2017-18) and adopted growth rates category wise for the sales projections for ensuing year FY2018-19 are shown in the table below:

Category/Sales Growth	5Yrs CAGR	4Yrs CAGR	3Yrs CAGR	2Yrs CAGR	1Yrs CAGR	Adopted Growth
LT Category	7.76%	8.36%	8.78%	10.75%	8.15%	5.15%
LT-I: Domestic	7.85%	8.75%	7.81%	4.84%	8.93%	7.85%
LT-II: Non-Domestic/Comml	6.78%	7.81%	8.37%	4.95%	9.09%	6.78%
LT-III: Industry	4.12%	3.71%	3.71%	2.62%	3.96%	4.12%
LT-IV: Cottage Industries	0.07%	1.39%	0.89%	0.21%	-1.90%	2.00%
LT-V: Agricultural	8.80%	9.14%	11.06%	20.71%	8.31%	2.83%
LT-VI: Street Lighting & PWS Schemes	2.30%	2.77%	-0.23%	-1.85%	-0.16%	2.30%
LT-VII: General Purpose	6.78%	8.63%	8.71%	6.91%	8.10%	6.78%
LT-VIII: Temporary Supply	6.58%	38.31%	-	42.00%	29.47%	10.00%
HT Category	3.84%	3.56%	0.60%	0.08%	5.19%	4.72%
HT Category at 11 kV	7.29%	7.51%	6.74%	5.60%	10.13%	7.28%
HT-I(A): Industry (General)	7.46%	7.19%	7.27%	5.85%	10.64%	7.46%
HT-I(B): Ferro Alloy Units	-	-	-	-	62.62%	5.00%
HT-II: Others	6.91%	8.60%	6.50%	4.58%	7.64%	6.91%
HT-III: Airports, BusStns and Railway Stns	-	5.38%	-2.43%	-6.62%	-4.13%	2.00%
HT-IV(A): Lift Irrigation&Agl.	11.51%	7.42%	-2.36%	36.10%	39.26%	11.51%
HT-IV(B): CPWS	4.99%	6.22%	-4.74%	3.11%	34.90%	4.99%
HT-VI: Townships&Res.Col	8.17%	7.37%	6.86%	8.08%	13.66%	8.17%
HT-VII Temporary Supply	1.62%	-1.82%	-1.87%	2.71%	14.87%	2.00%
HT Category at 33 kV	-0.40%	-1.25%	-5.87%	-8.34%	3.70%	3.16%
HT-I(A): Industry (General)	-0.78%	-2.24%	-7.64%	-10.99%	2.42%	2.42%
HT-I(B): Ferro Alloy Units	-	-	-	-	-	-
HT-II: Others	5.16%	5.78%	7.28%	7.31%	6.72%	5.16%
HT-III: Airports, BusStns and Railway Stns	-	-	-	-	-	-
HT-IV(A): Lift Irrigation&Agl.	19.01%	30.06%	25.61%	43.23%	53.59%	19.01%
HT-IV(B): CPWS	-7.74%	-8.81%	-31.86%	-28.00%	211.05%	2.00%
HT-VI: Townships&Res.Col	11.67%	12.85%	13.42%	15.03%	22.36%	11.67%
HT-VII Temporary Supply	-	-	-	-	-	-
HT Category at 132 kV	4.91%	4.66%	1.13%	4.34%	-0.34%	2.49%
HT-I(A): Industry (General)	-0.20%	-0.76%	-5.43%	-6.50%	-1.13%	2.00%
HT-I(B): Ferro Alloy Units	5.13%	7.16%	0.54%	3.01%	-13.93%	3.01%
HT-II: Others	15.26%	20.84%	21.58%	20.61%	33.68%	15.26%
HT-III: Airports, BusStns and Railway Stns	2.51%	2.82%	2.12%	2.88%	11.51%	2.51%
HT-IV(A): Lift Irrigation&Agl.	27.35%	23.21%	23.18%	48.91%	-5.23%	2.00%
HT-IV(B): CPWS	-	-	-	-	-	-
HT-V(A): Railway Traction	1.26%	1.09%	-1.67%	3.47%	12.14%	3.47%
HT-V(B): HMR Traction	-	-	-	-	-	-
HT-VI: Townships&Res.Col	-	-	-	-	-	-
HT-VII Temporary Supply	-	-	-	-	-	-
Total	6.25%	6.52%	5.56%	6.56%	7.07%	5.00%

3.1.4 Category wise Additional Loads considered for sales projections:

Additional Loads Description	Category	Voltage Level	H2 of FY2017-18		FY2018-19	
			Connected Load (in MVA)	Consumption (in MU)	Connected Load (in MVA)	Consumption (in MU)
Lift Irrigation	HT-IV(A)	132kV & above	0	0	627.10	941.92
Railway Traction	HT-V(A)	132kV	5	0.4	47	6.8
Hyderabad	HT-V(B)	132kV	20	29	20	91
Metro Rail	HT-II	132kV	9	21	11	65
Mission Bhageeratha	LT-VI(B)	LT	0	0	1.31	6.9
	HT-IV(B)	11kV	0	0	9.81	51.56
		33kV	0	0	41.76	219.47
Major Industrial Loads	HT-I(A)	33kV	0	0	3.2	9.52
		132kV	12	17.12	100	366.39

3.1.5 Category wise Sales Projections:

- a) **LT-I Domestic:** The growth rate in FY17-18H1 over FY16-17H1 of 8.93% is adopted for estimating the sales in H2 of FY2017-18. Subsequently 5 years CAGR (FY2017-18 over FY2012-13) of 7.85% is adopted for projecting the sales in FY2018-19.
- b) **LT-II Non-Domestic/Commercial:** The growth rate in FY17-18H1 over FY16-17H1 of 9.09% is adopted for estimating the sales in H2 of FY2017-18. Subsequently 5 years CAGR (FY2017-18 over FY2012-13) of 6.78% is adopted for projecting the sales in FY2018-19.
- c) **LT-III Industry:** The growth rate in FY17-18H1 over FY16-17H1 of 3.96% is adopted for estimating the sales in H2 of FY2017-18. Subsequently 5 years CAGR (FY2017-18 over FY2012-13) of 4.12% is adopted for projecting the sales in FY2018-19.
- d) **LT-IV Cottage Industries:** A negative growth of 5.6% is observed in FY2017-18H1 over FY2016-17H1, irrespective of previous 4 years trend ranging from 0.57% to 2.51%. Hence, a nominal growth of 2% is adopted for estimating the sales in H2 of FY2017-18 and also for projecting the sales in FY2018-19.
- e) **LT-V Agricultural:** The License has fixed 3168 meters on LV side of Agl DTRs as per the ISI Methodology approved by Honble Commission. The Agricultural consumption is being estimated as per ISI Methodology from October 2013 onwards and the same is being furnished to the Honble Commission.

Significant growth rate of 34.52% is observed in FY2016-17 over FY2015-16 and 49.12% in H1 of FY2017-18 over H1 of FY2016-17. The following are the

reasons for such higher growth in agricultural sales in FY2016-17 & H1 of FY2017-18 respectively.

- Releasing of 74,946Nos of Agricultural service connections in FY2016-17 against the target of 64,730Nos in addition to the extension of 9Hrs power supply to agriculture consumers from 01.04.2016 as per the policy of GoTS.
- Further, the target for release of Agl. Connections for FY2017-18 are 60,000Nos, out of which 33,591Nos services are released till September, 2017. In addition to this, 24Hrs power supply has been extended to agricultural consumers of Nalgonda, Medak & Siddipet Circles from 17th July, 2017 to 20th November, 2017 as per the directions issued from the GoTS. This has helped the Licensee in checking the network adequacy to meet the projected peak demand and to study the change in consumption pattern as a result of implementation of 24 Hrs power supply to agriculture.

The GoTS has also announced for providing 24Hrs power supply to all agricultural consumers in the State from 1st January, 2018. TSSPDCL has expedited measures for strengthening the network for supply of 24 hrs. power to agriculture consumers. Hence, keeping in view the pending Agricultural Connections to be released as per the target and growth in consumption due to 24Hrs power supply to agriculture sector from January'2018, the sales in H2 of FY2017-18 and FY2018-19 are estimated by projecting the load growth and consumption based on average per kVA consumption of FY2016-17.

Accordingly, the licensee has projected 9765 MU for FY2018-19.

- f) **LT-VI Street Lighting & PWS Schemes:** Minor Reduction of sales is observed in this category since FY2016-17 leading to negative growth rates of 3.51% in 16-17 & 2.37% in 17-18H1, which may be due to increase in usage of LEDs for Street Lighting mostly in Urban area. Hence, a nominal growth of 2% is adopted for estimating the sales in H2 of FY2017-18. Whereas, 5 years CAGR (FY2017-18 over FY2012-13) of 2.3% is adopted for projecting the sales in FY2018-19.

Further, additional sales volume of 6.9MU is considered in LT-VI(B): PWS Schemes for FY2018-19, anticipating total load of 1.31MW under Mission Bhageeratha Project. Hence, growth rate arrived after considering additional load is 3.31% in FY2018-19.

- g) **LT-VII General Purpose:** The growth rate in FY17-18H1 over FY16-17H1 of 8.1% is adopted for estimating the sales in H2 of FY2017-18. Subsequently 5 years CAGR (FY2017-18 over FY2012-13) of 6.78% is adopted for projecting the sales in FY2018-19.
- h) **LT-VIII Temporary Supply:** Keeping in view the growth rate of 54.04% in H1 of FY2016-17 over H1 of FY2015-16 and one year CAGR (FY2016-17 over FY2015-16) of 55.73%, a nominal growth rate of 10.00% is adopted for estimating the sales in H2 of FY2017-18 and also for projecting the sales in FY2018-19.
- i) **HT-I(A) Industry (General):** At 11kV voltage level, the growth rate in FY17-18H1 over FY16-17H1 of 10.64% is adopted for estimating the sales in H2 of FY2017-18. Subsequently 5 years CAGR (FY2017-18 over FY2012-13) of 7.46% is adopted for projecting the sales in FY2018-19.

At 33kV & 132kV voltage levels, negative & meager growth rates have been recorded during the previous years in the Industrial segment, due to moving out of more number of consumers to avail power supply through Open access. Whereas sales growth is observed in FY17-18H1 over FY16-17H1 i.e., 2.77% at 33kV & -5.67% at 132kV compared to one year CAGR (FY2016-17 over FY2015-16) of -22.64% at 33kV & -11.58% at 132kV. Hence, a nominal growth rate of 2% is adopted for estimating the sales in H2 of FY2017-18 for 33kV & 132kV voltage levels.

Similarly, one year CAGR (FY2017-18 over FY2016-17) of 2.42% for 33kV and a nominal growth rate of 2% for 132kV is considered for projecting the sales in FY2018-19.

Further, additional sales volume of 9.52MU at 33kV in FY2018-19, 17.12MU at 132kV in FY2017-18H2 and 366.39MU at 132kV in FY2018-19 is considered in this category, anticipating the following major industrial loads.

Name of the Industry	Voltage Level	Total CMD (in MVA)	CMD considered for projections	Annual Consumption (in MU)	Remarks
IKEA	33kV	3.2	3.2	9.52	Load considered in FY18-19
HMWSSB	132kV	6	6	20.55	Addl. Load of 6MVA to the already existing load of 13MVA at Mallaram Clear water pumping station. Load considered from Nov'17
		6	6	20.55	Addl. Load of 6MVA to the already existing load of 12MVA at Kondapaka Clear water

Name of the Industry	Voltage Level	Total CMD (in MVA)	CMD considered for projections	Annual Consumption (in MU)	Remarks
					pumping station. Load considered from Nov'17
Pharma City	132kV	435	50	171.21	Load considered in FY18-19
Amazon Data Centre	132kV	120	50	171.21	Load considered in FY18-19

Hence, growth rates arrived for this category after considering above additional loads is 2.72% at 33kV and 22.94% at 132kV for FY2018-19.

- j) **HT-I(B) Ferro Alloy Units:** At 11kV voltage level, no sales are recorded in previous years and as a new service in Sangareddy was released in FY2016-17 and billed since Jan'17, sales of 0.102MU was recorded in FY16-17H2 and 0.064MU in FY17-18H1. Hence, no growth is adopted and same volume of sales recorded in FY16-17H2 is considered for FY17-18H2. Subsequently, a nominal growth of 5% is adopted for projecting the sales in FY2018-19.

At 33kV voltage level, no sales are recorded since FY2016-17 and hence no projections are made at this voltage level.

At 132kV voltage level, negative growth of 27.64% is observed in FY2017-18H1 over FY2016-17H1, irrespective of previous 5 years trend ranging from 2.44% to 23.29%. This is due to one service of Medak district (out of total 2Nos services existing in this category) kept under disconnection since February, 2017 and no consumption is recorded. Hence, a nominal growth of 2% is adopted for estimating the sales in H2 of FY2017-18. Similarly, 2 years CAGR (FY2017-18 over FY2015-16) of 3.01% is adopted for projecting the sales in FY2018-19.

- k) **HT-II Others:** The growth rate in FY17-18H1 over FY16-17H1 of 7.64% at 11kV & 6.72% at 33kV are adopted for estimating the sales in H2 of FY2017-18. Subsequently 5 years CAGR (FY2017-18 over FY2012-13) of 6.91% at 11kV & 5.16% at 33kV is adopted for projecting the sales in FY2018-19.

At 132kV voltage level, due to negative growth rate of 0.43% observed in FY17-18H1 over FY16-17H1, a nominal growth rate of 2% is adopted for estimating the sales in H2 of FY2017-18 and also for projecting the sales in FY2018-19.

Further, additional sales volume of 21MU in FY17-18H2 and 65MU in FY18-19 has been considered at 132kV voltage level, anticipating L&T-Hyderabad Metro Rail commercial loads of 9MVA in FY17-18H2 and 11MVA in FY18-19.

- l) HT-III Airports, Bus Stations & Railway Stations:** At 11kV voltage level, due to negative growth rates recorded in previous years, a nominal growth of 2% is adopted for estimating the sales in H2 of FY2017-18 and also for projecting the sales in FY2018-19.

At 132kV voltage level, the growth rate in FY17-18H1 over FY16-17H1 of 11.51% is adopted for estimating the sales in H2 of FY2017-18. Subsequently 5years CAGR (FY2017-18 over FY2012-13) of 2.51% is adopted for projecting the sales in FY2018-19..

- m) HT-IV(A) Lift Irrigation & Agriculture:** A significant growth rate of 63.98% at 11kV and 110.75% at 33kV is recorded in FY17-18H1 over FY16-17H1. The huge growth in sales at 11kV voltage level is due to increase in consumption of LI Schemes pertaining to Nalgonda, Suryapet & Yadadri Circles. Whereas at 33kV voltage level, the growth is due to new LI services i.e., Puttamgandi LIS of 1.8MVA at Nalgonda and Singoor LIS of 1.6MVA at Sangareddy. Also, a higher growth rate of 33.01% at 11kV and 33.57% at 33kV was recorded in FY2016-17 over FY2015-16 compared to last 5years growth rates. Hence, one year CAGR (FY2016-17 over FY2015-16) of 33.01% at 11kV and 33.57% at 33kV are adopted for estimating the sales in H2 of FY2017-18.

At 132kV voltage level, negative growth rate of 19.12% is recorded in FY17-18H1 over FY16-17H1 irrespective of higher growth rates in previous years, due to variation in the period of operation of Lift Irrigation Pumps. Hence, a nominal growth rate of 2% is adopted for estimating the sales in H2 of FY2017-18 and also for projecting the sales in FY2018-19.

Further, additional sales volume of 1883.84MU in FY2018-19 is considered on account of upcoming LI Schemes in Nalgonda & Siddipet Districts.

The Licensee collected the information regarding upcoming Lift Irrigation projects and energy requirement details for FY2018-19 from Irrigation Department. The anticipated additional sales volumes under LI schemes are tabulated below:

Projected sales (MU) for upcoming LI schemes in FY2018-19					
S.No	Name of the scheme	District	Voltage	CMD (MVA)	Consumption (MU)
1	Kaleswaram LIS			563.10	829.60
a	Chandlapur	Siddipet	400kV	269.60	425.83
b	Tukkapur	Siddipet	400kV	172.00	261.61
c	Akkaram	Siddipet	220kV	54.00	63.18

Projected sales (MU) for upcoming LI schemes in FY2018-19					
S.No	Name of the scheme	District	Voltage	CMD (MVA)	Consumption (MU)
d	Markook	Siddipet	220kV	67.50	78.98
2	Regonda-Thotapalli Reservoir	Siddipet	132kV	48.00	89.86
3	Udayasamudram	Nalgonda	220kV	16.00	22.46
Total				627.10	941.92

- n) **HT-IV(B) Composite Water Supply Schemes:** At 11kV voltage level, the growth rate in FY17-18H1 over FY16-17H1 of 34.9% is adopted for estimating the sales in H2 of FY2017-18. Subsequently 5 years CAGR (FY2017-18 over FY2012-13) of 4.99% is adopted for projecting the sales in FY2018-19. Further, additional sales volume of 51.56MU is considered in FY2018-19, anticipating total load of 9.81MW under Mission Bhageeratha Project.

At 33kV voltage level, huge growth is recorded in FY17-18H1 over FY16-17H1 due to increase in total consumption from 0.04MU to 0.86MU. This is due to releasing 3Nos new services of 1.663MVA pertaining to Mahaboobnagar district in the month of Aug'17. Hence, a nominal growth rate of 2% is adopted for estimating the sales in H2 of FY2017-18 and also for projecting the sales in FY2018-19. Further, additional sales volume of 219.47MU is considered in FY2018-19, anticipating total load of 41.76MW under Mission Bhageeratha Project.

- o) **HT-V(A) Railway Traction:** The growth rate recorded in FY17-18H1 over FY16-17H1 is 19.08% irrespective of negative growth rates recorded in previous years due to reduction of sales in FY15-16 & FY16-17. Hence, a moderated growth rate of 5.00% is adopted for estimating the sales in H2 of FY2017-18. Similarly, 2 years CAGR (FY2017-18 over FY2015-16) of 3.47% is adopted for projecting the sales in FY2018-19.

In addition to the above, additional sales volume of 0.4MU is considered in H2 of FY2017-18 and 6.8MU is considered in FY2018-19 towards upcoming Traction Sub-Stations of total 52MVA capacity. Hence, growth rate arrived after considering the additional loads in FY2018-19 is 7.75%.

The Licensee collected the information regarding upcoming Traction Sub-Stations and energy requirement details for FY2017-18H2 and FY2018-19 from South Central Railways. The anticipated additional sales volumes under Railway Traction are tabulated below:

Traction SS	H2 of FY2017-18		FY2018-19	
	CMD (MVA)	Annual Consumption (MU)	CMD (MVA)	Annual Consumption (MU)
Manoharabad (Medak)			12	1.2
Mattampalli (Nalgonda)	5	0.4	8	1.2
Ramannapet (Nalgonda)			8	1.2
Miryalaguda (Nalgonda)			8	1.2
Timmapur (Mahaboobnagar)			8	1.2
Kothapalli (Karimnagar)			8	1.2
Total	5	0.4	52	7.2

p) **HT-V(B) HMR:** The Licensee collected the information from L&T-Hyderabad Metro Rail regarding the upcoming Metro Rail Traction loads and Energy requirement details for H2 of FY2017-18 and FY2018-19. Accordingly, sales volume of 29MU is considered in FY17-18H2 and 91MU is considered in FY18-19 on account of upcoming HMR Stations of 20MVA capacity at Uppal, Miyapur & MGBS in FY17-18H2 and another HMR Station at Yousufguda in FY18-19 with a capacity addition of 20MVA.

q) **HT-VI Townships & Residential Colonies:** The recorded past 5 years CAGR (FY2016-17 over FY2011-12) of 7.82% at 11 kV voltage level and 13.74% at 33kV voltage level is adopted for estimating the sales in H2 of FY2017-18.

Subsequently, the recorded 5 year CAGR (FY2017-18 over FY2012-13) of 8.17% at 11 kV voltage level and 11.67% at 33kV voltage level is adopted for projecting the sales in FY2018-19.

r) **HT-VII Temporary Supply:** A nominal growth rate of 2.00% at 11kV voltage level is adopted for estimating the sales in H2 of FY2017-18 and also for projecting the sales in FY2018-19. No sales are recorded at 33kV voltage level since FY2016-17 and hence no sales are projected in FY17-18H2 & FY18-19.

3.1.4 **Category wise Sales Forecast:** The category wise sales projected for the current year 2017-18 and ensuing year 2018-19 is shown below:

Category/Sales Forecast (MU)	2017-18 H2	2017-18	Growth 17-18/16-17	2018-19	Growth 18-19/17-18
LT Category	10176.61	21233.70	8.15%	22334.17	5.18%
LT-I: Domestic	3568.76	7716.86	8.93%	8322.51	7.85%
LT-II: Non-Domestic/Commercial	1152.27	2409.56	9.09%	2572.94	6.78%
LT-III- Industry	433.21	844.80	3.96%	879.59	4.12%
LT-IV: Cottage Industries	4.63	9.16	-1.90%	9.35	2.00%
LT-V: Agricultural	4627.45	9496.62	8.31%	9765.40	2.83%

Category/Sales Forecast (MU)	2017-18 H2	2017-18	Growth 17-18/16-17	2018-19	Growth 18-19/17-18
LT-VI: Street Lighting & PWS Schemes	353.84	683.69	-0.16%	706.34	3.31%
LT-VII: General Purpose	35.16	70.28	8.10%	75.04	6.78%
LT-VIII: Temporary Supply	1.29	2.73	29.47%	3.01	10.00%
HT Category	5848.75	11792.13	5.19%	15042.01	27.56%
HT Category at 11 kV	2416.13	4945.28	10.13%	5356.68	8.32%
HT-I(A): Industry (General)	1641.47	3287.17	10.64%	3532.34	7.46%
HT-I(B): Ferro Alloy Units	0.10	0.17	62.62%	0.17	5.00%
HT-II: Others	666.33	1449.38	7.64%	1549.56	6.91%
HT-III: Airports, Bus Stns&Rly Stns.	2.31	4.93	-4.13%	5.03	2.00%
HT-IV(A): Lift Irrigation& Agriculture	27.72	36.37	39.26%	40.55	11.51%
HT-IV(B): CPWS	20.84	38.02	34.90%	91.47	140.61%
HT-VI: Townships& Res. Colonies	40.87	92.73	13.66%	100.30	8.17%
HT-VII Temporary Supply	16.48	36.52	14.87%	37.26	2.00%
HT Category at 33 kV	1776.80	3864.38	3.70%	4215.42	9.08%
HT-I(A): Industry (General)	1431.68	3133.97	2.42%	3219.27	2.72%
HT-I(B): Ferro Alloy Units	-	-	-	-	-
HT-II: Others	297.40	639.22	6.72%	672.20	5.16%
HT-III: Airports, Bus Stns&Rly Stns.	-	-	-	-	-
HT-IV(A): Lift Irrigation& Agriculture	24.38	37.84	53.59%	45.04	19.01%
HT-IV(B): CPWS	0.36	1.22	211.05%	220.71	-
HT-VI: Townships& Res. Colonies	22.98	52.12	22.36%	58.20	11.67%
HT-VII Temporary Supply	-	-	-	-	-
HT Category at 132 kV	1655.82	2982.48	-0.34%	5469.90	83.40%
HT-I(A): Industry (General)	857.33	1749.98	-1.13%	2151.38	22.94%
HT-I(B): Ferro Alloy Units	75.44	137.60	-13.93%	141.75	3.01%
HT-II: Others	51.20	85.13	33.68%	163.11	91.61%
HT-III: Airports, Bus Stns&Rly Stns.	27.96	61.75	11.51%	63.30	2.51%
HT-IV(A): Lift Irrigation& Agriculture	538.20	760.32	-5.23%	1717.45	125.88%
HT-IV(B): CPWS	-	-	-	-	-
HT-V(A): Railway Traction	76.69	158.70	12.14%	171.00	7.75%
HT-V(B): HMR Traction	29.00	29.00	-	120.00	313.79%
HT-VI: Townships& Res. Colonies	-	-	-	-	-
HT-VII Temporary Supply	-	-	-	-	-
Total	16025.36	33025.84	7.07%	36434.26	10.32%
LT Growth without Agl.	5549.16	11737.08	8.01%	12568.77	7.09%
HT Growth without LIS & Mission Bhageeratha	5237.25	10918.36	5.71%	11984.86	9.77%
Overall Growth without LIS, Mission Bhageeratha & Agl.	10786.41	22655.44	6.89%	24553.63	8.38%

3.2 Load Forecast

3.2.1 Discom Losses

The Hon'ble Commission had approved a loss trajectory for the licensee as per the Wheeling tariff order for the period FY2014-15 to FY2018-19 and the same has been considered for projection of energy input for 2017-18 and 2018-19.

Losses	FY17-18	FY18-19
LT Loss (%)	5.25%	5.00%
11 kV Loss (%)	4.40%	4.25%
33 kV Loss (%)	3.99%	3.99%

3.2.2 Transco Losses

The Hon'ble Commission had approved a loss trajectory for the licensee as per the Transmission tariff order for the Balance Period of 3rd Control Period i.e. FY 2017-18 and FY 2018-19 and the same has been considered for projection of energy input for 2017-18 and 2018-19.

Losses	FY17-18	FY18-19
Transco Loss (%)	3.10%	3.09%

3.2.3 Losses external to Transco system

The losses external to the TS Transco system are estimated to be 2.47%. This is applicable for procurement of power from Central Generating Stations and other medium and short term purchases. However, the external loss for procurement of power from CSPGCL is considered as per the approved loss trajectory by the respective commission viz. CSERC i.e. 3.22% and further, the external losses have not been considered for bilateral/inter-state purchases due to considering average landed power purchase cost at TSTransco periphery.

3.2.4 Energy Requirement

The energy requirement duly considering the approved losses and projected sales for FY2017-18 and FY2018-19 is tabulated below:

Energy Requirement		
Particulars	FY17-18	FY18-19
LT Sales	21234	22334
Annual LT Loss %	5.25	5.00
LT Loss (MU)	1176	1175
Energy Requirement at LT (MU)	22410	23509
11 kV Sales (MU)	4945	5357
Energy Requirement at 11 kV level (MU)	28614	30148
Annual 11 kV Loss %	4.40	4.25
11 kV loss (MU)	1259	1281
33 kV Sales (MU)	3864	4215
Energy Requirement at 33 kV level (MU)	33829	35791
Annual 33 kV Loss %	3.99	3.99
33 kV losses (MU)	1350	1428
132 kV Sales (MU)	2982	4528
Energy Requirement at 132 kV level (MU)	36811	40319
Cumulative Distribution Losses (MU)	3785	3885
Cumulative Distribution Losses % (incl EHT sales)	10.28	9.64
Cumulative Transmission loss (%)	4.79	4.44
Cumulative Transmission Losses (MU)	1853	1874
Total Energy Requirement	38664	42193
Total T & D loss (MU)	5638	5759
T & D Loss %	14.58	13.65
Total Sales	33026	36434
Total Energy Requirement	38664	42193

3.3 Power Procurement Plan

The licensee is submitting the power procurement plan which will take into account all the available and possible generation sources and shall meet out the additional power required to meet the future energy demand.

3.3.1 Basis of Estimation of Quantity and Cost

This section discusses the methodology and assumptions considered for estimating the quantum and corresponding cost of power purchase of the Licensee for the second half of the Financial Year ending March 31, 2018 and for the Financial Year ending March 31, 2019

With the implementation of Multi-Buyer Model (MBM) in the state from June 9, 2005, each DISCOM has been allocated a certain share of the generating stations contracted by TS & AP TRANSCO. After bifurcation of the state the share from the generating stations to TSDISCOMs is allocated as per G.O.Ms.No.20, Dt.08.05.2014.

S. No.	Name of the Distribution Company	Allocation Percentage
1	TSSPDCL	38.02
2	TSNPDCL	15.87
3	APEPDCL	15.80
4	APSPDCL	30.31

3.3.2 Power Purchase allocation

- Non-conventional Energy sources have been allocated to the DISCOMs based on their geographical presence/location.
- The allocation percentages of TSDISCOMs from all the sources (Except NCE sources) is being done as follows:

S. No.	Name of the Distribution Company	Allocation Percentage
1	TSSPDCL	70.55 %
2	TSNPDCL	29.45 %

In case of deficit of energy, the external purchases have also been allocated based on the above allocation percentages.

In the following paragraphs, the capacities and availabilities of all the generating sources have been described. The actual energy availability in MU for each DISCOM has been projected based on the above allocation principles.

3.3.3 Installed Capacity of Generating Stations

i) TS GENCO

The table below shows the projected capacities of the Thermal and Hydel generating stations of TS GENCO including the share in the interstate projects. The DISCOMs

purchase the entire generation of TS GENCO under the terms of the PPAs with the generator.

Source	Project Installed Capacity (MW)	TS Share Capacity (MW)
THERMAL		
Kothagudem-(A,B,C)	660	660
Kothagudem-V	500	500
KTPS-VI	500	500
KTPP -I	500	500
KTPP -II	600	600
Ramagundam-B	62.5	62.5
BTPS*	1080	1080
KTPS VII*	800	800
TOTAL THERMAL	4702.5	4702.5
HYDEL		
Interstate projects:		
Machkund, Orissa (AP & TS Share) 70%)	84	45.27
T.B. Station, Karnataka (AP & TS Share 80%)	57.6	31.04
State projects:		
Srisailem left bank PH	900	900
Nagarjunsagar	815.6	815.6
Nagarjunsagar left canal PH	60	60
Nizam Sagar	10	10
Pochampadu	27	27
Pochampadu-Stage II	9	9
Mini hydro(Palair + Peddapalli)	11.16	11.16
Singur	15	15
Priyadarshini Jurala*	234	117
Lower Jurala	240	240
Pulichintala	120	120

Source	Project Installed Capacity (MW)	TS Share Capacity (MW)
TOTAL HYDEL	2583.36	2401.07
TOTAL TS & Interstate Hydro	7285.9	7103.57

* A 60 MW unit of KTPS A would be phased out of operation and no energy has been projected from this unit during H2 2017-18 and 2018-19.

*Expected CoD of BTPS 1st unit 1st Jan 2019 .

*KTPS VII (800MW) COD has been considered as 01.10.2018.

*At present, in respect of Priyadarshini Jurala project, MoU was entered with Karnataka, and the energy sharing is in the ratio of 50:50 between TS & Karnataka.

*In respect of Pulichintala Hydro Electric Project, COD of 4th Unit (30 MW) is expected on 01.01.2018.

ii) CENTRAL GENERATING STATIONS

The Licensee has Power Purchase Agreements with Central Generating Stations to purchase power from NTPC RSTPS I&II , NTPC RSTPS-III , NTPC - Talcher-II, NTPC Simhadri-I, Vallur (JV) Power Project, Simhadri Stage-II, Neyveli Lignite Corporation Ltd ("NLC") NLC TPS-II Stage-I and Stage-II, NTPL NLC Tamilnadu power limited (Tuticorine), Madras Atomic Power Station ("MAPS"), Kaiga Atomic Power Station ("KAPS"), Kudigi Thermal Power Plant and NPC Kudankulam. The share of the DISCOMs in the total capacity of the stations is provided below for FY 2018-19. The percentage allocations are the tentative weighted average allocations as per SRPC letter dt 5.08.2017:

Name of the Station	Capacity	TS Share	
	MW	MW	%
NTPC-(SR) Ramagundam I & II	2100	341.67	16.27
NTPC-(SR) STAGE Ramagundam- III	500	85.80	17.16
NTPC-TALCHER-II	2000	213.20	10.66
NLC TS II STAGE-I	630	60.54	9.61
NLC TS II STAGE-II	840	107.86	12.84
MAPS	440	22.92	5.21
KAIGA 1 & 2	440	71.02	16.14
KAIGA 3 & 4	440	75.33	17.12

Name of the Station	Capacity	TS Share	
NPC Kudankulam*	1000	50.00	5
NTPC Simhadri Stage-II	1000	225.20	22.52
NTPC Kudigi*	2400	268.56	11.19
Vallur (JV) NTPC with TANGEDCO	1500	111.75	7.45
NTPL (JV) NLC with TANGEDCO	1000	153.50	15.35
Bundled Power under JNNSM Ph 1	85 MW from CGS coal portion (NTPC)	45.81	53.89
NTPC Bundled Power (200 MW)	200	200	100
TOTAL	14575	2033.16	12.75
NTPC- Simhadri stage-I	1000	538.9	53.89
GRAND-TOTAL (CGS)	15375	2372.1	15.43

- 2400 MW (3x800MW) Thermal Power Project is being setting up by M/s NTPC Ltd at Kudigi, Karnataka. The then TSDISCOMs have signed a PPA with NTPC on 23.09.2010. 11.19% of power (268.56MW) from the said Power Project was allocated by MoP GoI to TSDISCOMs. As informed by NTPC, the 1st unit (800MW) has been commissioned on 31st July 2017. Expected COD of 2nd unit (800MW) and 3rd unit (800MW) is 01.01.2018.
- COD of NPC Kudankulam is 31.03.2017. Energy has been projected for H2 OF 2017-18 and 2018-19 based on TS share of 50 MW.
- Bundled power (coal) has been considered from JNNSM Phase 1 scheme (45.81 MW) for TS which is allocated to TS Discoms on 70.55% (SPDCL) and 29.45% (NPDCL).
- Bundled power (coal) has been considered from JNNSM Phase II, NTPC Bundled power scheme upto 200 MW. It is allocated on the basis of 2:1 ratio of solar:coal on capacity basis. Since SPDCL has 320 MW of solar under the scheme, SPDCL will get 160 MW of coal power under the scheme. NPDCL has 80 MW of solar under the scheme and NPDCL will get 40 MW of coal power under the scheme.

iii) INDEPENDENT POWER PRODUCERS (IPPs)

The natural Gas supplies from RIL KG D6 fields to the new Gas IPPs viz., 370 MW GMR Vemagiri, 220 MW GVK Extn, 464 MW Gautami and 444.08 MW Konaseema became zero from 01.03.2013 onwards. Hence, there is no generation under long term PPA.

Since there is no generation from the aforesaid projects, TSDISCOMs are not paying any fixed charges at present even though some of the IPPs are declaring availability with alternate fuel.

iv) AP Gas Power Corporation Ltd ("APGPCL"): Joint Sector

APGPCL is a joint sector gas-based power project. The allocation of power from this project is in proportion to the equity share capital of participating industries. After bifurcation of the state, the share from the APGPCL to TS DISCOMs is allocated as per Go.Ms.No. 26 dt. 29.05.2014. The total installed capacity of the project along with the DISCOMs share is as given below:

Sl.No.	Station	Installed Capacity	TS Share	
		(MW)	MW	%
1.	APGPCL Stage- I	100	6.67	6.67
2.	APGPCL Stage- II	172	17.84	10.37
	TOTAL	272	24.51	9.01

v) Non-Conventional Energy (NCE) Sources

The installed capacities of NCE projects in the state projected for FY 17-18 and FY 18-19 are as follows:

Type of Project	FY 17-18 (MW)	FY 18-19 (MW)
Bio Mass Power Projects	42	42
Bagasse Cogeneration Projects.	54.2	54.2
Wind Power Projects	100.8	100.8
Mini Hydel Power Projects	4.71	4.71
Industrial Waste Based Power Projects	18.5	18.5
Municipal Waste Based Power Projects	0	35
Solar Power Projects (including NTPC 400 MW Bundled Solar)	3261	3261
Bundled Power Solar JNNSM Phase I	45.81	45.81
TOTAL	3527.02	3562.02

The Solar Power Projects include 400 MW NTPC bundled power solar for both discoms.

vi) Singareni Thermal Power Project

Telangana DISCOMs have signed fresh PPA with M/s. Singareni Collieries Company Ltd on 18.01.2016 in respect of 2x600MW Thermal Power Project, Stage-I.

The licensee has considered Annual Fixed Charges as Rs. 734.29 Crs, i.e for H2 FY 2017-18 and Annual Fixed Charges as Rs.1514.92 Crs, for FY 2018-19 at a PLF of 85% based on TSERC tariff Order dt.19.06.2017 in OP No.9 of 2016 for FY 2018-19.

The licensee has considered a variable cost per unit of Rs 2.15/KWh for H2 FY 17-18 and FY 2018-19. Variable cost has been considered based on H1 2017-18 actuals.

vii) Chhattisgarh State Power Distribution Company Ltd.

As per Chhattisgarh State Electricity Regulatory Commission, 1000 MW capacity is available for supply to TS. CSERC in its order dated 31.3.2017 in Petition nos 64-67 of 2016 has approved provisional annual fixed cost of Rs. 1871.72 Cr and variable cost of Rs 1.2/kwh for which TSERC consent was issued. For H2 2017-18, since scheduling has started from May 2017 onwards, annual provisional fixed cost of Rs.1871.72 Cr has been proportionately reduced for 11 months and then adjusted with actuals paid during H1 to get fixed cost liability of H2. For 2018-19, 1871.72 Cr has been taken in whole as liability. Intra state transmission loss of CPTCL is considered at 3.22% for the energy from CSPTCL.

viii) Long Term Purchases

The licensees have signed a Power Purchase Agreement with M/s. Thermal Power Tech Corporation India Limited (TPCIL) for a contracted capacity of 500 MW under long term basis through Case-I bidding route for a period of 25 years. Consequent to bifurcation of the state TSDISCOMs will have 53.89% of share 269.45MW. TPCIL is supplying the above power from 20.04.2015 and the energy availability projected from this plant is 993 MU for FY 2017-18 (H2 Projection) and 1986 MU for FY 2018-19. PLF has been assumed at 90%. Variable cost per unit for H2 of 2017-18 and 2018-19 has been taken as per actual average variable cost per unit during H1 of 2017-18

Also the licensees have followed the competitive bidding mechanism and have signed a Power Purchase Agreement with M/s. Thermal Powertech Corporation India Limited (TPCIL) for a contracted capacity of 570 MW under long term DBFOO basis for a

period of 8 years. TPCIL is supplying the above power from 30.03.2016 and the energy availability from this plant is projected at 2101 MU for H2 2017-18 and 4202 MU for 2018-19. PLF has been taken as 90%. Variable cost for H2 of 2017-18 has been taken as the minimum of the actual average variable cost of H1 of 2017-18, and generator projections for H2 2017-18. Same approach has been considered for computation of variable cost of FY 2018-19.

ix) *Bilateral/ Inter-State purchases*

The Licensee proposes to procure power from bilateral / short term sources to bridge the energy deficit on peak demand basis. It has been assumed that a maximum of 1986.432 MU would be available for FY 2017-18 H2 and a total of 383.46 MU is being projected for the year FY 2018-19 upto 15.04.2018 as per the latest short term POs approved by the commission for providing 24 Hrs Agricultural Power Supply from 1st January 2018 onwards and uninterrupted Power Supply to all categories of consumers in the State. These projections are based on PLF of 70%.

3.3.4 Energy Availability

i) *TSGENCO Thermal Energy:*

The Energy availability for FY 17-18 has been projected based on actual performance till September 2017 and with a PLF of 70% for H2. FY18-19 has been projected based on standard PLF of 70% and maintenance schedules of plants. For BTPS, PLF has been taken as 60% during 18-19 considering only 1 unit in ensuing year. AP GENCO has not been considered for H2 of 17-18 and 2018-19

The average variable cost considered for H2 of FY 2017-18 and FY 2018-19 is based on escalations taken over approved values for 2017-18 in retail tariff order. KTPS (A,B,C) and KTPS D variable cost has been considered at 15% hike over approved values. KTPS VI and RTS B considered at 10% hike over approved values. KTPP 1 has been taken at approved average variable cost of 2017-18. KTPP 2 has been taken at same level as given by generators for projections. BTPS and KTPS VII have been taken at same level as KTPP 1.

TS GENCO Thermal (Net Energy Availability – MUs)			
S. No.	Station Name	FY 17 H2	FY 18
1	KTPS-(A,B,C)	1827	3654
2	KTPS-D	1395	2790
3	RTS-B	174	349
4	KTPP-I	1418	2836
5	KTPP-2	1743	3486

S. No.	Station Name	FY 17 H2	FY 18
6	KTPS-VI	1418	2836
7.	KTPS VII	0	2263
8.	BTPS	0	318
	Total	7976	18533

ii) Hydro Energy:

The licensee has projected the Hydel availability considering 100% share of power from the hydel projects in the state of Telangana. The licensee would like to submit that the major hydel projects in the state of Telangana serve as multi-purpose projects. In such projects, meeting the irrigation needs is of primary importance and generation of power is subject to meeting the irrigation needs. During 1st half of 2017-18, availability from hydel was 403 MU against approved of 1217 MU. Due to a good monsoon in current year, availability projected for H2 of 2017-18 has been taken as 1007 MU and based on the estimated inflows of water 3140 MU has been projected for 2018-19. For Pulichintala, commissioning of 4th unit is expected on 01.01.2018. For Machkund and Tungabhadra, availability has been projected based on actuals of 2016-17.

The following table shows the station-wise projected availability for FY 17-18 H2 and FY 18-19:

TS GENCO Hydel (Net Energy Availability- MUs)			
SI No.	Station Name	FY 17 H2 TS share	FY18 TS share
1	**MACHKUND PH (AP & TS Share)	47	94
2	**TUNGBHADRA PH (AP & TS Share)	2	4
3	NSPH	100	1311
4	NSLCPH	34	61
5	POCHAMPAD PH (including Stage II)	29	67
6	NIZAMSAGAR PH	19	23
7	MINI HYDRO&OTHERS	2	20
8	SINGUR	12	26
9	PRIYADARSHINI JURALA	59	93
10	SSLM LCPH	586	1300
11	Lower Jurala power house	110	130
12	Pulichintala (New project)	7	10
	Total	1007	3140

The Priyadarshini Jurala Project MoU was entered with Karnataka and the Energy sharing is in the ratio of 50:50 between TS & Karnataka.

**Although availability has been shown for Machkund and Tungabhadra, but there is no scheduling to TS since June, 2017.

In the Tariff Order FY 2017-18 Commission has considered total generation of TSGENCO Hydel stations to the TSDISCOMS only. Based on this the Energy Availability of TSGENCO Hydel stations are 100% projected to TSDISCOMS only for FY 2018-19.

iii) CENTRAL GENERATION STATIONS

The energy availability of FY 17-18 has been projected based on the actual performance up to September 2017 and projected performance estimated at 85% PLF for H2 of FY 17-18 except NLC TS Stage 1 & 2 which are at 80%. For FY 18-19, the energy availability has been projected based on the 85% PLF, except NLC TS Stage 1&2 which are at 80%. The maintenance schedules have also been considered for projection. For Kudigi, PLF has been taken as given by the generator.

2400 MW (3x800MW) Thermal Power Project is being setting up by M/s NTPC Ltd at Kudigi, Karnataka. Erstwhile discoms entered into a PPA with NTPC on 23.09.2010. 11.19% of power (268.56MW) from the said Power Project was allocated by MoP Gol to TSDISCOMs. As informed by NTPC, the COD of 1st unit (800MW) was on 31.07.2017, scheduled COD of 2nd unit (800MW) and 3rd unit (800MW) is considered on 01.01.2018.

COD of NPC Kudankulam is 31.03.2017. Energy has been projected for H2 2017-18 and 2018-19 based on TS share of 50 MW.

NTPC Bundled power (200 MW) was projected considering 85% PLF from 01.01.2018 onwards.

The total power availability estimate from CGS for FY 17-18 H2 and FY 18-19 is tabulated below:

Central Generating Stations (Energy Availability - MUs)			
S. No.	Station Name	FY 2017-18 H2	FY 2018-19
1	NTPC- RSTPS I & II	1187	2374
2	NTPC- RSTPS– III	301	604
3	NTPC –TALCHER-II	748	1496
4	NTPC- SIMHADRI Stage-I	1901	3802
5	NTPC- Simhadri Stage –II (Unit 3 &4)	794	1589
5	NLC TPS II STAGE- I	191	382
6	NLC TS II STAGE- II	340	680
7	NPC-MAPS	72	142
8	NPC-KAIGA 1 & 2	241	480
9	NPC- KAIGA 3 & 4	248	493
10	Kudankulam	114	286

11	Vallur (JV) NTPC & TANGEDCO	388	776
12	NTPL (JV) NLC with TANGEDCO	536	1072
14	Kudigi	191	1885
15	Bundled Power Coal JNNSM Ph 1	168.18	336.36
16	Bundled Power Coal (200MW)	367.2	1489.20
	TOTAL	7787.38	17886.56

iv) APGPCL

The projections for APGPCL – I and APGPCL – II are as shown below. The actuals till September, 2017 have been factored while estimating energy availability for FY 17-18 H2 and FY 18-19.

APGPCL Allocated Capacity (Net Energy Availability- MUs)			
S. No.	Station Name	FY 17-18 H2	FY 18-19
1	APGPCL I - Allocated capacity	7.18	13.89
2	APGPCL II - Allocated capacity	22.83	44.28
	Total	30.01	58.17

v) Availability from stations with DISCOM Specific Allocations

The NCE projects are not allocated on pro-rata basis but are allocated to specific DISCOMs based on their locations. The availability from these sources for each DISCOM is as shown below:

vi) Non-Conventional Energy (NCE) Sources

Biomass, Bagasse, Mini- Hydel & Industrial Waste: Actual H1 data of FY 2017-18 is considered for the projection of data for H2 of FY 2017-18 & FY 2018-19

Municipal Solid Waste (MSW): RDF (11 MW) and SV Green (12 MW) are expected to start operations during 2018-19 in SPDCL. Shalivahana Green Co.(12 MW) is expected to start operation in 2018-19 in NPDCL.

Wind: Actual H1 data of FY 2017-18 is considered for the projection of data for H2 of FY 2017-18 and FY 2018-19 Capacity of 100.8 MW has been used to project energy.

Solar: A CUF of 19% considered for calculation of Energy for H2 of FY 2017-18, FY 2018-19.

Solar Bid 2012, Open Offer & Solar bid 2014, Bid 2015: All projects under Solar Bid of 2012 and 2013 which has not yet been commissioned, have not been considered for projections. Projects which are under the purview of court or are delayed due to developer, have not been considered for projections. (M/s Oberon Power Corporation (5+5=10 MW), SQA Concepts (2 MW) have not been considered in NPDCL. Kranthi Edifice (10 MW) and Minopharm Laboratories (2.5 MW) have not

been considered in SPDCL) Other projects under Solar bid 2015, which are not yet commissioned, have been assumed to be operational by end of March 2018. For 2018-19, after commissioning of all plants under aforementioned schemes, 2314 MW capacity lies in SPDCL and 947 MW lies in NPDCL.

NTPC & NVVNL Bundled Power: The availability of the coal based capacity in the bundled power scheme has been projected at 85%.

The DISCOM-wise energy availability projections for FY 17-18 H2 from various NCE sources is as summarized in the following table:

S. No.	Station Name	SPDCL (MU)	NPDCL (MU)	Total (MU) (Type-wise)
1	NCE - Bio-Mass	25.59	57.94	83.52
2	NCE – Bagasse	8.28	17.85	26.13
3	NCE - Municipal Waste to Energy	0	0	0
4	NCE - Industrial Waste based power project	9.65	16.07	25.72
5	NCE - Wind Power	89.52	0	89.52
6	NCE - Mini Hydel	1.68	4.01	5.68
8	NCE – Solar Power (including NTPC 400 MW)	1562.8	639.16	2201.97
9	Bundled Power Solar JNNSM Ph 1	20.97	8.75	29.72
	Total Availability (DISCOM-wise)	1718.49	743.77	2462.26

The DISCOM-wise energy availability projections for FY 2018-19 from various NCE sources is as mentioned below:

S. No.	Station Name	SPDCL	NPDCL	Total (Type-wise)
1	NCE - Bio-Mass	46.551	105.39	151.94
2	NCE – Bagasse	8.28	20.212	28.49
3	Municipal Waste Energy	79.44	74.845	154.29
4	NCE - Industrial Waste based power project	25.219	33.473	58.69
5	NCE - Wind Power	184.35	0.00	184.35
6	NCE - Mini Hydel	1.7666	4.2108	5.977
8	NCE – Solar Power (including NTPC 400 MW)	3838.16	1574.61	5412.77
9	Bundled Power Solar JNNSM Ph1	39.69	16.56	56.259
	Total Availability (DISCOM-wise)	4223.46	1829.30	6052.75

vii) Long Term/Medium Term Purchases

The licensees have signed a Power Purchase Agreement with M/s. Thermal Power Tech Corporation India Limited (TPCIL) for a contracted capacity of 500 MW under long term basis through Case-I bidding route for a period of 25 years. Consequent to bifurcation of the state, TSDISCOMs will have 53.89% of share i.e 269.45MW. TPCIL is supplying the above power from 20.04.2015 and the energy availability projected from this plant is 993 MU for FY 2017-18 (H2 Projection) and 1986 MU for FY 2018-19. 90% PLF has been assumed for availability of energy from this station.

Also the licensees have signed a Power Purchase Agreement with M/s. Thermal Powertech Corporation India Limited (TPCIL) for a contracted capacity of 570 MW under long term DBFOO basis for a period of 8 years. TPCIL is supplying the above power from 30.03.2016 and the energy availability from this plant is 2101MU for FY 2017-18 (H2 Projection) and 4202 MU for FY2018-19. 90% PLF has been assumed for availability of energy from this station. The licensees have considered the costs as per the prices quoted by the bidders in the Long term bidding process

viii) Chhattisgarh Power Distribution Company Limited

As per the letter received from Chhattisgarh State Power Distribution Company Limited, PLF has been taken as 67.9% for projections in H2 2017-18, and 85% for 2018-19. Energy availability projected for H2 2017-18 and 2018-19 is 2760 MU and 6910 MU.

ix) Singareni Thermal Power Project

Energy availability of 4225MU and 8421 MU has been considered from Singareni Thermal Power Plant for H2 of FY 2017-18 and FY 2018-19 respectively. PLF of 85% has been assumed The entire energy available from Singareni Thermal Power Plant may be considered for TS DISCOMs only.

x) Summary

A summary of the source wise current estimate of availability for FY 17 H2 and FY 18-19 is presented below.

Generating Station	Net Energy Availability (MU)	
	H2 2017-18	2018-19
TSGenco - Thermal	7975.75	18532.56
TS Genco - Hydel	1006.83	3139.56
CGS	7252.16	16061.56
NCE	2997.67	7878.34
IPPs	0	0
APGPCL	30	58.17
Singareni	4224.68	8421.43
Thermal Power Tech	3094	6188.04
CSPGCL	2760	6909.89
Market Purchase	1986.43	383.46
Total	31327.44	67573.01

4 EXPENDITURE PROJECTIONS & ARR

4.1.1 TS GENCO

The annual fixed costs for all TSGENCO stations for H2 of FY 17 & FY 2018-19 have been considered provisionally as per the projections given by TSGENCO.

The total fixed costs for all the TSGENCO Thermal and Hydel stations including both existing and new stations is Rs. 1918 Crs for H2 of FY 17-18 and Rs.4517.05 Crs for FY 18-19. The fixed costs for all TS GENCO Thermal and Hydel stations have been tabulated below:

TSGENCO	Fixed Costs for FY 17 H2 (Rs. Cr.)	Fixed Costs for FY 18 (Rs. Cr.)
KTPS A	94.36	197.67
KTPS B	94.36	197.67
KTPS C	94.36	197.67
KTPS V	138.88	286.26
KTPS-VI	265.44	514.04
RTS B	26.16	54.49
Kakatiya Thermal Power Plant Stage I	274.43	530.70
Kakatiya Thermal Power Plant Stage II	386.26	757.71
KTPS VII	0	622.22
BTPS	0	87.57
TOTAL THERMAL	1374.22	3445.99
MACHKUND PH AP Share	5.434	10.87
TUNGBHADRA PH AP Share	3.726	7.45
SSLM LCPH	226.775	440.06
NSPH	66.605	131.40
NSLCPH	4.899	9.67
POCHAMPAD Stage II	3.94	7.89

Small Hydel (SINGUR+Nizamsagar+pochampad I)	15.74	31.78
MINI HYDRO&OTHERS (palair+Peddapalli)	4.001	8.03
Priyadarshini Jurala Hydro Electric Project	29.87	58.66
Lower jurala HES	146.14	284.45
Pulichinthal	36.71	80.79
TOTAL HYDRO	543.844	1071.05
TOTAL TS GENCO	1918.064	4517.05

The station-wise variable rates that have been adopted for TS GENCO Thermal plants for FY H2 17-18 and for FY 18-19 are as follows:

Station	Variable rate (Rs./kWh)	
	FY 17 H2	FY 2018-19
KTPS (A, B, C)	2.38	2.38
KTPS- V	2.21	2.21
KTPS-VI	2.7	2.7
RTS- B	2.6	2.6
KTPP-I	2.55	2.55
KTPP-II	2.36	2.36
BTPS	-	2.36
KTPS VII	-	2.36

The variable cost per unit for KTPS (A,B,C) and KTPS V is based on 15% escalation over approved VC for 2017-18. KTPS VI and RTS B are based on 10% escalation over approved values for 2017-18. KTPP 1 has been taken at same level as 2017-18 approved value. KTPP 2 has been taken as actuals of average cost during H1 of 17-18. BTPS and KTPS VII have been taken as same as KTPP 2.

The incentives for TS GENCO thermal stations are calculated based on APERC Regulation No 1 of 2008, at a flat rate of 25 paisa/kWh for ex-bus scheduled energy corresponding to scheduled generation in excess of ex-bus energy corresponding to target Plant Load Factor. However for the purpose of projection, the licensee has projected availability below normative PLF of 80% so no incentives have been considered.

The licensee has considered a cost of Rs 636 crs in FY 2017-18 towards interest on pension bonds as approved in the Retail Supply Tariff Order 2017-18. Additional Interest on pension bonds projected for FY 18-19 is Rs 684 crs. which is as per the TSGENCO Tariff Order dt. 05.06.2017

4.1.2 Central Generating Stations:**a) NTPC-TALCHER -II (2000 MW)**

CERC had issued Tariff Regulation for F.Y 2014-19 i.e for 5 years on 21.02.2014, The annual fixed charges for F.Y.2017 and 2018 were considered based on the approval of CERC orders of FY 14-19. As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014, fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 17 H2 and FY 18 in case of Talcher-II. TS has a firm share from Talcher-II. The total variable charges for each month of FY 17 H2 and FY 18 are considered as given by the generators.

b) NTPC (SR) RSTPS STAGE –I&II (2100 MW)

CERC had issued Tariff Regulation for F.Y 2014-19 i.e. for 5years on 21.02.2014. The annual fixed charges for F.Y.2017 and 2018 were considered based on the approval of CERC orders of FY 14-19. As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014, Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 17 H2 and FY 18 in case of RSTPS I&II. TS has a firm share from RSTPS I&-II. The total variable charges for each month of FY 17 H2 and FY 18 are considered as given by the generators.

c) NTPC (SR) RSTPS STAGE-III (500 MW)

CERC had issued Tariff Regulation for F.Y 2014-19 i.e. for 5years on 21.02.2014. The annual fixed charges for F.Y.2017 and 2018 were considered based on the approval of CERC orders of FY 14-19. As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014, Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 17 H2 and FY 18 in case of RSTPS III. TS has a firm share from RSTPS I-II. The total variable charges for each month of FY 17 H2 and FY 18 are considered as given by the generators.

d) NTPC SIMHADRI STAGE-I (1000 MW)

As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and CERC orders fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY17 H2 and FY 18 in case of NTPC Simhadri-I. TS has a firm share from NTPC Simhadri-I. The total variable charges for each month of FY 17 H2 and FY 18 are considered as given by the generators.

e) NLC Stage –I (630 MW)

For the TS DISCOMs share of 9.61% of 630 MW is considered, the payable fixed charges and also lignite cost for the Control Period 2014-19 was determined by CERC in its final orders of NLC TPS-II. (Stage-I) and the same has been considered.

f) NLC Stage –II (840 MW)

For the TS DISCOMs share of 12.84 % of 840 MW, the payable fixed charges and also lignite cost for the Control Period 2014-19 was determined by CERC in its final orders of NLC TPS-II. (Stage-II) and the same has been considered.

g) MADRAS ATOMIC POWER STATION (MAPS) (440 MW):

The Department of Atomic Energy (Power Section) under the Government of India, notified the tariff for supply of power from MAPS vide 'Tariff Notification' dated 22.09.2006. The share of TS in MAPS is 5.21%. The payable charges to MAPS to the extent of TS allocation are computed based on the tariff determination of Department of Atomic Energy Commission and the same has been considered.

h) KAIGA ATOMIC POWER STATION 1 & 2 (440 MW) and 3 & 4 (440MW):

The TS share from Kaiga 1 & 2 is 16.14% and it is 17.12% in case of Kaiga 3 & 4. The payable charges to Kaiga 1 & 2 and Kaiga 3 & 4 were computed based on the single part tariff which was approved by DAE and the same has been considered.

i) NTPC- SIMHADRI II (1000 MW)

As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and CERC provisional orders, Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed

charges and payable incentives are mentioned in the ARR for FY 17 H2 and FY 18 in case of NTPC Simhadri-II. TS has a firm share from NTPC Simhadri-II. The total variable charges for each month of FY 17 H2 and FY 18 are considered as given by the generators.

j) Vallur Thermal JV Power Project (NTPC & TANGEDCO):

CERC had issued Tariff Regulation for F.Y 2014-19 i.e for 5years on 21.02.2014. The annual fixed charges for F.Y.2017 and 2018 were considered based on the approval of CERC orders of FY 14-19. As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014, Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 17 H2 and FY 18 in case of NTECL Valluru-II. TS has a firm share from NTECL Valluru. The total variable charges for each month of FY 17 H2 and FY 18 are considered as given by the generators.

k) NTPL (Tuticorine) JV Power Project (NLC & TANGEDCO):

As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and CERC provisional orders Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 17 H2 and FY 18 in case of NTPL. TS has a firm share from NTPL. The total variable charges for each month of FY 17 H2 and FY 18 are considered as given by the generators.

l) Bundled Power from NTPC(ER) Stations under JNNSM:

Presently, NVVNL has been issuing the availability declarations to TS DISCOMs from NTPC (SR) stations to TS against commissioning of solar power in TS under JNNSM Policy. The available energy was considered based on the solar power at an availability of 20% PLF for the total installed capacity of 45.81 MWs, 4 MW (NTPC Bundled scheme, pertaining to TSNPDCL) and 400 MW (NTPC bundled scheme).

m) NTPC-Kudigi

The COD of 1st unit (800MW) in 31.07.2017, scheduled COD of 2nd unit (800MW) is 01.01.2018 and the scheduled COD of 3rd unit (800MW) is 01.01.2018.

The total variable charges for each month of FY 17 H2 and FY 18 are considered as given by the generators.

n) NPC Kudankulam

COD date of NPC Kudankulam is 31.03.2017. Energy has been projected for H2 and 2018-19 based on TS share of 50 MW. The payable charges to Kudankulam were computed based on the single part tariff which was approved by DAE and the same has been considered.

4.1.3 PGCIL/CTU Charges, POSOCO Charges & ULDC Charges:

TS DISCOMs have been making the payments in every month towards utilization of Inter-State Transmission network based on the determination of POC rates applicable to TS in every quarter. Further, POSOCO (SRLDC) charges as well ULDC charges are separately being paid to SRLDC & PGCIL respectively based on the fixed chargers determined by CERC for a period of 5 years. In case of PGCIL, as per the regulations, PGCIL has been recovering the full fixed charges through POC rates duly considering the orders of CERC and also subject to reconcile the entire amounts on pro-rata basis of payments in every quarter and if recovery of fixed charges are made lesser or higher side by PGCIL in every month.

PGCIL charges projection for H2 2017-18 and 2018-19 has been done based on the CERC determined charges for stations connected to PGCIL (CGS Stations excluding Simhadri 1, NTPC Bundled Power, Chattisgarh, TPCIL). CERC released three orders till date during 2017-18 for POC Slab rate, Reliability Support Charges, and HVDC Charges for different months. For projecting PGCIL Charges for H2 2017-18, Oct-Nov order was used for projecting Oct-Dec period, and average of all three orders was used for projecting Jan-Mar period. Average of all three orders was used to project for 2018-19. PGCIL charges for TPCIL have been considered separately as per the slabs and regions in the CERC orders.

PGCIL POC charges projected for H2 2017-18 are Rs 522.76 crs.

PGCIL POC charges projected for 2018-19 are Rs 1129.56 crs.

	2017-18 Revised (crs)	2018-19 (crs)
PGCIL POC	913.99	1129.56
ULDC & POSOCO Charges	5.55	2.97

4.1.4 APGPCL

The power purchase cost incurred by TSDISCOMs for procurement from APGPCL for FY 17-18(H2) and FY 18-19 is as per the average variable cost of actuals of 2017-18 H1 for APGPCL

Cost components for FY 17-18 H2 and FY 18-19		
Stage-I	FY 17-18 H2	FY 18-19
Fixed cost (Rs. Crs.)	0.75	1.17
Variable cost (Rs. / kWh)	2.40	2.40
Stage -II	FY 17-18 H2	FY 18-19
Fixed cost (Rs. Crs.)	1.58	2.40
Variable cost (Rs. / kWh)	2.37	2.37

4.1.5 NON CONVENTIONAL ENERGY (NCE) SOURCES:

The weighted average cost considered for NCEs is as follows

Project Type	Weighted average Cost Considered for FY 18-19 (Rs. / kWh)
NCE – Bio-mass	6.97
NCE – Bagasse	4.89
NCE – Municipal Waste to Energy	6.70
NCE – Industrial Waste based power project	7.07
NCE – Wind Power	4.70
NCE – Solar Power	5.76

The tariff adopted for Biomass, Bagasse, Mini Hydel and Industrial Waste based projects is as per the Commission orders, which is exclusive of Electricity Duty, MAT/Income Tax and Royalty Charges. The same need to be reimbursed, as per actuals as and when claimed by the project developers.

The erstwhile APERC issued orders dated 20.03.2004 fixing the power purchase price payable to the NCE Projects (Biomass/Industrial Waste, Bagasse & Mini Hydel) from 01.04.2004 to 31.03.2009. After series of petitions/cases filed by the NCE Project Developers before the Hon'ble High Court, Appellate Tribunal and Supreme Court, against the APERC orders, the appeals are pending before the Hon'ble Supreme Court (viz., CA No. 1376-85/2013). About Rs. 406 Crs was already paid to the NCE developers in accordance with the various court orders in the united state of Andhra Pradesh. Further, upon the directions of Hon'ble Supreme Court dt:11.03.2014 & 13.03.2014 directing to release 50% amount due to the NCE developers, Rs.214.96 Crs was disbursed to the NCE developers in the erstwhile

state of Andhra Pradesh. Further, the appeals filed by the Biomass & Bagasse developers before APTEL on APERC orders dt: 16.05.2014 (Variable Cost for 2014-19), 19.07.2014 (Fixed Cost for Biomass projects beyond 10 years of operation) are pending.

However, the share of financial burden of TSDISCOMs would be known as and when the appeals filed by the NCE developers are disposed off by Honourable Supreme Court.

4.1.6 Bilateral Purchases

Month-wise shortfall has been estimated based on the availability and requirement projected by TSSLDC. A part of this deficit majorly Day-Ahead Power requirement would be met from Power Exchanges. The estimated bilateral purchases from various Traders /Generators on Short Term basis are estimated to be 1876.48 MU for FY 17-18 H2 and 383.46 MU for FY 2018-19 upto 15.04.2018. Based on the purchase orders placed for Supply of Power under Short Term, the licensees have considered the average rate of Rs.4.43/unit for bilateral purchases for H2 2017-18. Average rate of Rs. 4.44/unit has been considered for period from 01.04.2018 to 15.04.2018. As per the contractual obligation of the power purchase during the term of agreement, licensees are obligated to pay a cost of Rs. 175.8 Crs for FY 2017-18 H2 and Rs. 34.07 Crs for FY 2018-19 and the same has been considered against other costs in the ARR filing.

4.1.7 Long Term

The licensees have considered the costs as per the prices quoted by the bidders in the Long term bidding process.

4.1.8 Singareni Thermal Power Project

The total variable charges for each month of FY 17 H2 and FY 18 are considered taking lower of the variable cost as given by the generators and the actual cost as incurred in FY 2017-18 H1. Rs. 2.15 per kWh has been considered for FY 2017-18 H2 and FY 2018-19.

4.1.9 ENERGY REQUIREMENT

Based on the availability shown above and the energy requirement from all the DISCOMs, the actual energy to be purchased Discom-wise has been projected as follows:

DISCOMS	FY 17-18 H2	FY 18-19
	MU	MU
SPDCL	18670	42193
NPDCL	8478	22098
Total	27149	64291

The above energy requirement of the licensees has been arrived at by grossing up the sales of the licensee sales with appropriate transmission and distribution losses. The external loss on the power purchased from CGS excluding Simhadri Stage-I, NTPC Bundled Power (Coal) and CSPGCL, and transmission losses on injection of power from CSPGCL has also been factored in the above energy requirement.

4.1.10 Summary of power purchase for FY 17-18 and FY 18-19

Based on the availability, requirement and costs for each source, the summary of revised power purchase cost for the State for FY 2017-18 is projected as follows:

Generating Station	Power Purchase Costs - FY 2017-18				
	Power Purchase (MU)	Fixed Costs (Rs.Crs)	Variable Costs (Rs.Crs)	Other Costs (Rs.Crs)	Total Power Purchase Costs (Rs.Crs)
TS - Thermal	14621	2571	3713	300	6584
AP- Thermal	1899	221	649	77	947
TS – Hydel	1410	1055	0	260	1313
CGS	9778	1280	2620	45	3945
NCE(incl. Bundled Coal Power)	4565	2	2567	0	2569
IPPs	0	0	0	0	0
APGPCL	100	8	24		31
Thermal Power Tech	6518	1537	1362	1	2901
Singareni	8535	1435	1841	1	3277
CSPGCL	4842	1716	581	0	2297
Market Purchase	2995	0	2040	176	2216
Total	55261	9824	15396	860	26079

Based on the availability, requirement and costs for each source, the summary of power purchase cost for the State for FY 2018-19 is projected as follows:

Generating Station	Power Purchase Costs - FY 2018-19				
	Power Purchase (MU)	Fixed Costs (Rs.Crs)	Variable Costs (Rs.Crs)	Other Costs (Rs.Crs)	Total Power Purchase Costs (Rs.Crs)
TS Genco - Thermal	18487	3446	4484	368	8297
TS Genco - Hydel	3140	1071		317	1388
CGS	12802	1553	3282	1	4836
NCE (incl. Bundled Coal Power)	7878	2	4376		4377
IPPs					
APGPCL	58	4	14		17
Thermal Tech	6188	1479	1283	3	2765
Singareni	8421	1515	1809	1	3325
CSPGCL	6910	1872	829		2701
Market purchase	406		163	34	197
Total	64291	10942	16238	723	27903

4.2 Transmission Charges

4.2.1 The licensee has adopted the Transmission capacity contracted and rate of Transmission charges for FY2017-18 as per the approved figures in the MYT Transmission Tariff Order 2014-15 to 2018-19 dt.09.05.2014 and new MYT Transmission Tariff order for the balance 2 years of the 3rd control period dt. 01.05.2017,

4.2.2 As the MYT Transmission Order dt. 09.05.2014 considered transmission capacity contracted with erstwhile APCPDCL (including Anantapur & Kurnool), the licensee has deducted the Anantapur & Kurnool share of the transmission capacity according to G.O.Ms.No.20, dated 08.05.2014 issued by undivided Government of Andhra Pradesh. According to G.O.Ms.No.20 the earlier share of 46.06% of the APCPDCL in the total undivided state has been revised to 38.02% share. The revised capacities of TSSPDCL have been considered for April month transmission charges in FY 2017-18.

4.2.3 Further for FY 2017-18, the remaining 11 months charges are arrived based on the new MYT Transmission Tariff order dt. 01.05.2017 and for FY 2018-19 the charges are calculated as per the new MYT Transmission tariff Order.

The Transmission charges for 2017-18 and 2018-19 are shown below:

Year	Approved Transmission rate (Rs.kW/month)		Transmission Charges (Rs.in crore)
	MYT Order dt. 09.05.2014	MYT order dt. 01.05.2017	
2017-18	95.37*	56.31	698.61
2018-19	-	73.12	959.57

* applied for 1 month in FY 2017-18

4.3 SLDC Charges

The Hon'ble Commission has issued new MYT Tariff order for balance 2 years of the third control period on 20.06.2017. Hence for FY 2017-18, SLDC charges up to 20.06.2017 were calculated based on the MYT Order for FY2014-15 to FY2018-19 dt. 09.05.2014 and from 20.06.2017, it has been calculated based on the new MYT Order dt. 20.06.2017. For FY 2018-19, the SLDC charges are calculated based on the new MYT SLDC order. The contracted capacities considered for Transmission cost has been considered for the SLDC charges calculations. The SLDC charges computed for FY 2017-18 and FY 2018-19 are as follows

Year	Approved SLDC Charges				Total SLDC charges (Rs.crore)
	Approved Annual SLDC fees (Rs.MW/Year)* As per order dt. 09.05.2014	Approved Operating charges (Rs.MW/Month* As per order dt. 09.05.2014	Approved Annual SLDC fees (Rs.MW/Year) As per new order dt. 20.06.2017	Approved Operating charges (Rs.MW/Month As per new order dt. 20.06.2017	
2017-18	3995.39	2300.31	2908.44	1481.88	22.61
2018-19			3578.01	1492.87	23.50

* applied for 80 days in FY 2017-18 (upto 20.06.2017)

4.4 Distribution Cost

The details of the Distribution cost for the previous year 2016-17, current year 2017-18 and the Ensuing year 2018-19 in crore are as below

Distribution Cost Breakup Particulars	2016-17 Actual	2017-18 Approved	2018-19 Approved
Operation & Maintenance Charges	1963.27	1746.05	2014.41
Return on capital employed	495.40	610.10	729.99
Depreciation	409.57	704.56	774.49
Taxes on income & Special Appropriations & Other Expenditure	9.61	77.16	88.4
Less: IDC/Expenses capitalized	121.95	112.25	113.10
Distribution Cost	2755.90	3025.62	3494.18
Less: Wheeling Revenue	4.64	0.00	0.00
Less:NTI	59.53	362.72	395.46
Net Distribution Cost	2691.73	2662.91	3098.72

4.5 Interest on Consumer Security Deposit

The details showing the interest on Consumer Security Deposit (Rs. in crore) is as below.

Particulars	2016-17	2017-18	2018-19
Opening Balance	2256.77	2580.87	2711.08
Additions during the Year	324.10	130.22	215.64
Closing Balance	2580.87	2711.08	2926.72
Average Balance ((Opening + Closing)/2)	2418.82	2645.97	2818.90
Interest @ % p.a.	6.62	6.25	6.25
Interest Cost (e * f)	160.14	165.37	176.18

The licensee has considered the rate of interest as notified by the Reserve Bank of India from time to time as stipulated in the Regulation for payment of interest on security deposits. The Bank rates as notified by RBI for the previous and current years is shown below

Period	Rate of Interest (%) p.a.
01.04.16 to 04.04.16	7.75
05.04.16 to 03.10.16	7
04.10.16 to 05.04.17	6.75
06.04.17 to 01.08.17	6.50
02.08.17 to till date	6.25

Hence, the licensee has estimated interest on consumer security deposits for FY2017-18 and FY2018-19 considering Bank rate @6.25% p.a.

4.6 Supply Margin

The Supply margin as approved by Hon'ble Commission has been considered for 2017-18 and 2018-19.

Description	2016-17	2017-18	2018-19
Supply Margin (Rs. in crore)	20.80	24.40	29.20

4.7 Other Cost

The Licensee has not considered any other cost for FY 2018-19. In FY 2017-18 the other costs of Rs. 2.42 crores pertains to SLDC cost adjustment due to implementation of New MYT SLDC Tariff Order from 20.06.2017.

4.8 Aggregate Revenue Requirement

The Aggregate Revenue Requirement (ARR) for FY2016-17, FY 2017-18 and FY2018-19 are as shown below:

Expenditure Item	2016-17	2017-18	2018-19
Power Purchase and procurement cost	17,303.80	18,307.16	18,432.71
Transmission Cost	1,037.09	698.61	959.57
PGCIL & ULDC Cost	737.79	615.90	799.00
SLDC Charges	28.86	20.19	23.50
Distribution Cost	2691.73	2,662.91	3,098.72
Interest on Consumer Security Deposits	160.14	165.37	176.18
Supply Margin	20.82	24.40	29.20
Other Costs	4.92	2.42	0.00
Aggregate Revenue requirement	21,985.16	22,496.96	23,518.88

5 REVENUE PROJECTIONS

5.1 Revenue at Current Tariffs

The gross revenue at current tariffs for FY 2016-17 are as shown below:

Revenue from Current Tariffs (Rs.Crs.)	2016-17
LT Category	6597.76
LT-I: Domestic	3117.66
LT-II: Non-Domestic/Commercial	2286.65
LT-III: Industry	670.82
LT-IV: Cottage Industries	4.20
LT-V: Agricultural	40.25
LT-VI: Street Lightning & PWS Schemes	427.68
LT-VII: General Purpose	48.20
LT-VIII: Temporary Supply	2.31
HT Category	8950.71
HT-I(A): Industry (General)	6031.05
HT-I(B): Ferro-Alloy Units	82.48
HT-II: Others	1988.40
HT-III: Airports, Bus Stations and Railway Stations	44.27
HT-IV: Irrigation & CPWS	570.29
HT-V: Railway Traction	101.25
HT-VI: Townships & Residential Colonies	83.31
HT Temporary	49.68
Total	15548.47

5.2 Non-Tariff Income from Current Tariffs

Non-Tariff Income (NTI) for current year and ensuring year is as shown below:

The income reflected in financial statements other than revenue from sale of power is tabulated below:

Other income (Rs. in crores)	2016-17			Remarks
	Other income as per audited accounts	Non-Tariff Income	Others	
Incidental Charges-Work	36.30	36.30		
Sale of Scrap	-0.65	-0.65		
Penalties from Suppliers	7.55	7.55		
SDs & BGs forfeited	3.09	3.09		
Price Variation	4.84	4.84		
Wheeling charges	4.64	4.64		
Rebate From Funding Agency	0.79	0.79		

Miscellaneous income	1.59	1.59		
Sale of Tender Schedule	0.26	0.26	0.00	
Rent from Fixed Assets	0.24	0.24		
Meter Testing Charges	0.23	0.23		
Registration Fees	0.46	0.46		
Interest on Staff loans & advances	0.14	0.14		
Penalty from employees	0.02	0.02		
Transformer Testing Charges	0.03	0.03	0.00	
NTI Distribution		59.53		
Prior Period	-3.04	-3.04		
Other income	65.26	3.49	61.77	Rs. 61.77 crores pertains to penalty for non-booking corridor by TPCIL, RRAs, GBI etc.
Capacitor Surcharge	20.80	20.80		
Interest on Others (ED)	3.62	3.62		
Reactive Income	0.31	0.31		
Grid supporting /Application charge	0.504	0.50		
Interest on Bank	2.53	2.53		
Application Registration Fee	1.82	1.82		
Reconnection Fee –LT	0.97	0.97		
Reconnection Fee –HT	0.31	0.31		
NTI Retail supply business		31.32		
Theft of Power	24.37		24.37	Theft of power is not identified under income as the related Power purchase costs are not considered under Regulatory accounting
Theft-incidental charges	0.26		0.26	Theft of power is not identified under income as the related Power purchase costs are not considered under Regulatory accounting
Provision for Un-billed Revenue	-22.73		-22.73	provisions not included as per Regulatory accounting
UI charges	14.66		14.66	Adjusted in the PP cost
Compensation	-9.61		-9.61	Shown in Other costs in DB
Cross subsidy Surcharge	0.39		0.39	Reflected under Revenue from Sale of power (Form7)
DPS Income	430.86		430.86	Not considered as it is used as a part of working capital requirement for Retail supply Business
ED last year	24.96		24.96	Adjusted in the last year Revenue from sale of power(Form 7)
FSA	2.15		2.15	Not an Other income
Interstate Sales	24.02		24.02	Adjusted in the PP cost

Electricity Duty	-131.57		-131.57	Adjusted in current year Revenue from sale of power (Form 7)
Provision for Bad doubtful debts	47.57		47.57	Provision for bad and doubtful debts are not included in the income as per Regulatory accounting
R & C Penalties	-0.12		-0.12	Not included as per regulatory accounting
Rebate on Power Purchase	17.95		17.95	Generated out of internal efficiencies and hence not considered as a pass through
Royalty from advertisements	0.08		0.08	Not a part of NTI as it is income from other business
Sub Total of Other Income			484.99	
Grand total as per audited accounts	576	90.85	484.99	
Revenue from sale of Power	15936			Reflected in Form 7
Grand Total of Revenue as per audited accounts	16511			

The Non-Tariff Income for Retail Supply Business during FY16-17 is Rs.31.32 Crore as tabulated below:

Items of Non-Tariff Income (Rs.in crore)	2016-17
Prior Period	-3.04
Capacitor Surcharge	20.80
Interest on Others (ED)	3.62
Reactive Income	0.31
Grid supporting /Application charge	0.50
Interest on Bank deposits	2.53
Application Registration Fee	1.82
Reconnection Fee –LT	0.97
Reconnection Fee –HT	0.31
Other income	3.49
Total Non-tariff Income	31.32

6 COST OF SERVICE

6.1 Introduction

6.1.1 This section presents the estimated cost of service for various consumer categories of the Southern Power Distribution Company Limited (TSSPDCL), for the year starting on April 1, 2018 and ending on March 31, 2019. The objective of this section is to classify the costs into demand; energy and customer related components and then apportion the same to various customer categories.

The steps involved in the analysis are:

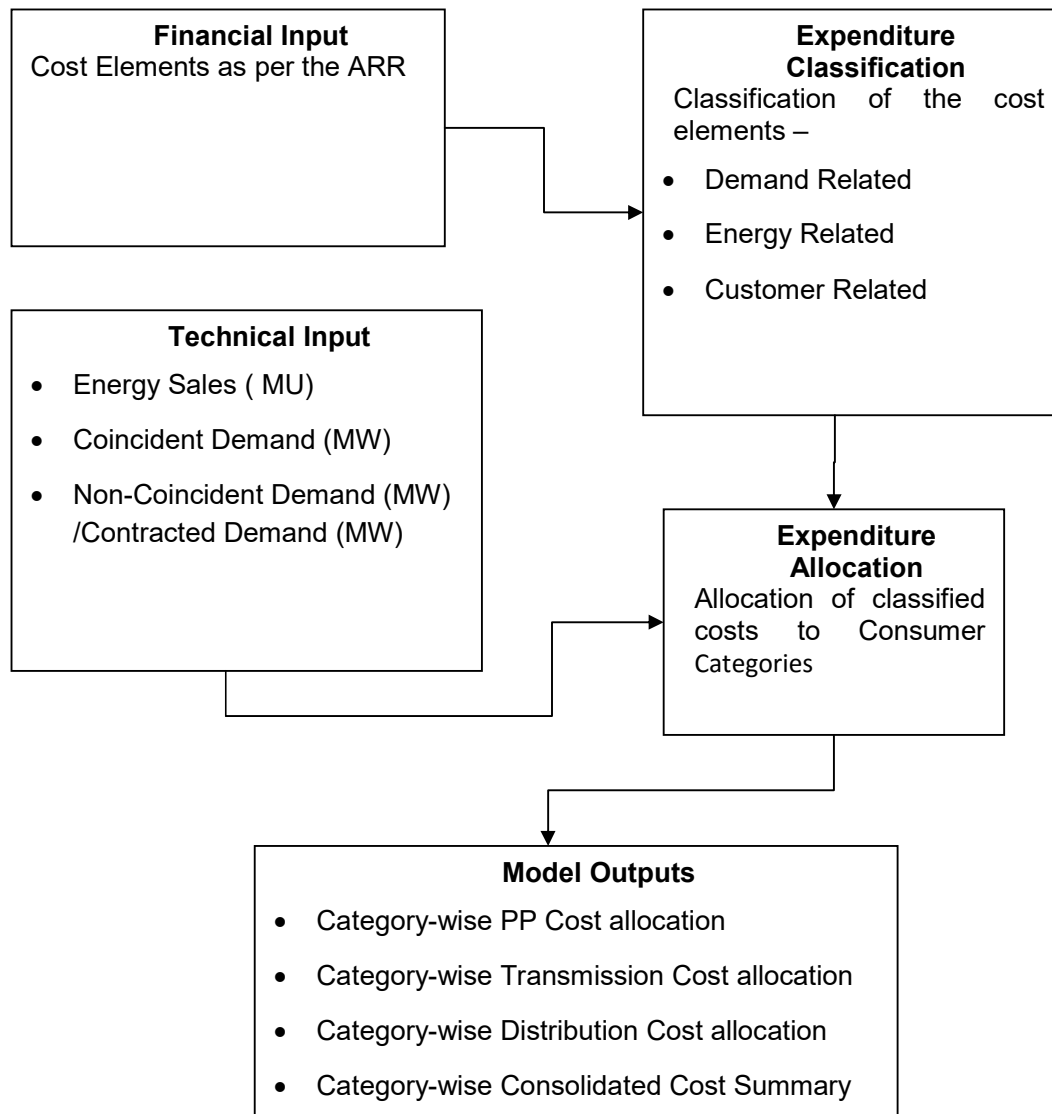
- Forecasting the energy and peak demand requirements for the power system in the year under consideration;
- Forecasting the energy and peak demand requirements at the transmission-distribution interface in that year;
- Estimating the energy and peak demand requirements for each customer category for that year;
- Estimating the costs of providing the energy and peak demand required for each customer category; and
- Classifying and allocating the above costs to various consumer categories of TSSPDCL at the retail level.

6.2 Cost of Service Model

6.2.1 The cost of service calculations are based on the cost of service model developed for TSSPDCL. The model, as currently used, calculates the cost of serving all customers categories of TSSPDCL.

6.2.2 All financial input into the model is as per the ARR for the year 2018-19, including revenue, and expenditure data.

6.2.3 The following section gives a brief overview of the Cost of Service model developed for TSSPDCL



6.2.4 Financial Input Sheet: This forms the base for the income and expenses data for the TSSPDCL. The values are as per the ARR for the year 2018-19.

6.2.5 Technical Input Sheet: This part includes the system data required for the cost of service calculation. The energy and losses in the system are included along with the data regarding the customers responsible for the corresponding sales and losses. The percentage loss quoted is the loss in the distribution system and hence accounts for the energy that is unavailable for sale to the retail customers.

6.2.6 TSSPDCL customers are segregated into LT and HT customers, which includes EHT (220 kV and 132 kV), Sub-transmission (33 kV) and distribution (11 kV and LV). The

EHT customers are also included as TSSPDCL customers, even though they may be connected at 220 kV or 132 kV. In this study, technical losses experienced in EHT system are covered by EHT, 33 kV, 11 kV and L.T loads. Hence they need to be apportioned to all loads in the system.

6.2.7 The major HT customer categories in the TSSPDCL system are;

- HT-I: Industry
- HT-II: Others
- HT-III: Airport, Bus Stations and Railway Stations
- HT-IV: Irrigation & CPWS
- HT-V: Railway Traction
- HT-VI: Townships & Residential Colonies
- HT-VII: Temporary

6.2.8 The LT (400 volts) customer categories in the TSSPDCL system are;

- LT-I: Domestic
- LT-II: Non-Domestic/Commercial
- LT-III: Industry
- LT-IV: Cottage Industries
- LT-V: Agricultural
- LT-VI: Street Lighting and PWS Schemes
- LT-VII: General Purpose
- LT-VIII: Temporary Supply

6.2.9 Energy Sales in MU, Non- coincident demand and coincident demand data is entered for the above customer categories. The coincident demand is the estimated contribution of each category to the system peak demand and the non-coincident demand has been estimated from system load shapes derived and represents the peak demand of each customer category, irrespective of the time of day. Values used in this analysis are shown in below:

Consumer Category	Coincidence Factor	Class Load Factor
L.T Customers		
LT-I: Domestic	86%	78.48%
LT-II: Non-Domestic/Commercial	96%	79.37%
LT-III: Industry	94%	83.78%
LT-IV: Cottage Industries	73%	77.94%
LT-V: Agricultural	91%	85.43%
LT-VI: Street Lighting & PWS Schemes	57%	55.65%
LT-VII: General Purpose	76%	56.25%
LT-VIII: Temporary Supply	76%	56.25%
H.T Consumers		
HT-I: Industry (11 kV)	97%	72.90%
HT-I: Industry(33 kV)	99%	92.81%
HT-I: Industry(132 kV)	97%	87.76%
HT-IB: Ferro Alloys (11kV)	72%	47.39%
HT-IB: Ferro Alloys (132kV)	98%	97.28%
HT-II: Others (11 kV)	95%	75.90%
HT-II: Others (33 kV)	98%	82.56%

Consumer Category	Coincidence Factor	Class Load Factor
HT-II: Others (132 kV)	99%	84.54%
HT-III: Airports ,Bus Stations &Railway Stations(11kV)	84%	0.00%
HT-III: Airports ,Bus Stations & Railway Stations(132kV)	67%	66.87%
HT-IV: Irrigation &CPWS(11 kV)	82%	0.00%
HT-IV: Irrigation &CPWS (33 kV)	25%	67.92%
HT-IV: Irrigation &CPWS (132 kV)	63%	96.03%
HT-V: Railway Traction (132 kV)	89%	88.46%
HT-VB: HMR	72%	38.19%
HT Temporary	100%	0.00%
HT-VI: Townships & Residential Colonies (11 kV)	97%	0.00%
HT-VI: Townships & Residential Colonies (33 kV)	74%	74.38%

6.2.10 The Discom peak demands, both coincident and non-coincident are estimated using basic load shape synthesis model. Load shapes of different categories of consumers are constructed based on the Load Shapes data collected from the field. The following tabulation provides a derivation of the coincident peak demand, along with the assumptions for TSSPDCL used in that derivation:

TSSPDCL	Energy (MU)	Coincident Demand (MW)
Sales	36434	4557
Loss as % of input	9.63%	13.55%
Losses	3885	714
Sub Total	40319	5271

6.2.11 The load factor and coincidence factor included in the Model for each category are assumed based on a review of the characteristics of the loads and load mix in TSSPDCL. The system peak demand of TSSPDCL is occurring during 14.00 hrs.

6.2.12 Expenditure Functionalization: The new model is developed keeping in view the unbundled nature of the power sector in state hence the expenditure pertaining to TSSPDCL is taken as per the ARR in the financial input sheet.

- Power Purchase Cost
- Transmission & SLDC Charges
- Repairs and Maintenance
- Employee Costs
- Administration and General Expenses
- Depreciation
- Interest and Financial Charges
- Other Expenses

6.2.13 Expenditure Classification

This section classifies the expenditure into demand, energy and customer related items. The options with respect to classification are;

- Demand
- Energy

- 80% Demand, 20% Customer
- Customer
- Manual Entry

6.2.14 The fixed costs in the power purchase are treated as demand related expense and the variable cost of power purchase is treated as energy related expense.

6.2.15 Entire transmission cost is considered to be a demand related expense. The O & M expenditure in distribution is classified into demand and customer related in the ratio of 80:20. The same has been arrived at based on subjective judgment, as it is felt that some portion of the assets and employee expenses are used for catering to the needs of the customer such as customer service/call centers. The other cost elements in distribution viz, ROCE, depreciation and other costs have been fully considered under demand related costs.

6.2.16 Expenditure Allocation: The expenditures, which have been classified into, demand, energy and consumer related are apportioned to the individual customer categories.

6.2.17 Power Purchase Cost Allocation: Demand related costs of Power Purchase are primarily driven by the system peak. Hence they are allocated to customer categories based on the Coincident Demand. Energy costs in Power Purchase are allocated based on the loss-adjusted category energy Consumption.

6.2.18 Transmission Cost Allocation: The transmission costs (including PGCIL and ULDC) are considered as demand related cost and the same is allocated to LT categories based on Non-coincident demand and contracted demand (CMD) for HT categories

6.2.19 Distribution Cost Allocation:

- a) Operation and Maintenance Expenditure: The demand related portion of O&M expenses are allocated to LT consumer categories based on non -coincident demand and contracted demand (CMD) for the HT consumer categories. The customer related costs are allocated to customer categories based on the number of customers in each category.
- b) ROCE: Return on capital employed is driven by assets and it is fully considered as demand related expense. ROCE is allocated to LT consumer categories based on non -coincident demand and contracted capacity for the HT consumer categories.
- c) Depreciation: Depreciation expense is driven by the level of fixed assets in the utility and is entirely considered under demand related expenses. Depreciation is allocated to LT consumer categories based on non -coincident demand and contracted capacity for the HT consumer categories.

- d) Interest on Consumer Security Deposit: This is allocated to consumer categories based on the energy Consumption grossed up for losses.

6.2.20 Summaries of the results of the model are the outputs and these are discussed in the next section and a comparison of revenues and costs by customers is made in this part of the computation.

6.3 CoS Results

6.3.1 The following tabulation summarizes the results of the process:

- TSSPDCL needs to handle 40319 MU excluding transmission losses, which consist of sale of 36434 MU to its customers and losses of 3885 MU.
- Coincident Peak demand required by TSSPDCL is 5271 MW, which consist of 4557 MW to serve the customers, and 714 MW of losses in the system.
- The average unit cost of supplying the customers of TSSPDCL is estimated at Rs 6.46 /kWh.
- The Licensee has estimated the CoS of HMR by assuming the load curve on provisional basis. However, after the commencement of COD of HMR the CoS will be submitted to the Hon'ble Commission by taking the actual load curves of HMR Traction.

6.3.2 Below Table shows the allocated expenditure for each category of service and Cost of Service for each category.

Consumer Categories	Sales in MU	Allocated Expenditure Rs. in crore	Cost of Service in Rs. per kWh
Low Tension Supply			
LT-I: Domestic	8,322.51	5,866.7	7.05
LT-II: Non-Domestic/Commercial	2,572.94	1,826.1	7.10
LT-III: Industry	879.59	588.8	6.69
LT-IV: Cottage Industries	9.35	6.1	6.54
LT-V: Agricultural	9,765.40	6,425.9	6.58
LT-VI: Street Lighting & PWS Schemes	706.34	509.4	7.21
LT-VII: General Purpose	75.04	59.4	7.92
LT-VIII: Temporary Supply	3.01	2.3	7.80
Total Low Tension Supply	22,334.1	15,285	6.84
High Tension Supply			
HT-I: Industry (11 kV)	3,532.34	2,284.0	6.47
HT-I: Industry (33 kV)	3,219.27	1,752.3	5.44

Consumer Categories	Sales in MU	Allocated Expenditure Rs. in crore	Cost of Service in Rs. per kWh
HT-I: Industry (220/132 kV)	2,151.38	1,122.9	5.22
HT-IB: Ferro Alloys (11kV)	0.17	0.2	11.15
HT-IB: Ferro Alloys (132kV)	141.75	67.7	4.78
HT-II: Others (11 kV)	1,549.56	1,011.7	6.53
HT-II: Others (33 kV)	672.20	393.5	5.85
HT-II: Others (220/132 kV)	163.11	86.3	5.29
HT-III: Airports ,Bus Stations & Railway Stations (11kV)	5.03	3.2	6.46
HT-III: Airports ,Bus Stations & Railway Stations (132kV)	63.30	30.0	4.75
HT-IV: Irrigation & CPWS (11 kV)	132.03	82.5	6.25
HT-IV: Irrigation& CPWS (33 kV)	265.75	108.8	4.10
HT-IV: Irrigation & CPWS (132 kV)	1,717.45	971.4	5.66
HT-V: Railway Traction(132 kV)	171.00	103.3	6.04
HT-V(B): HMR	120.00	79.9	6.66
HT-VI: Townships & Residential Colonies(11 kV)	100.30	73.5	7.33
HT-VI: Townships & Residential Colonies (33 kV)	58.20	39.9	6.85
HT Temporary	37.26	23.3	6.24
Total High Tension Supply	14100.09	8,234	5.84
Total	36434.26	23,519	6.46

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7 ANNEXURE- I

PERFORMANCE REPORTS

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Filing Date (dd/mm/yy)	15-12-2017
Multi Year Tariff Period	FY 2014-2019
Year of ARR filing	FY 2018-19
Data Type	Performance Reports

S. No.	Title	Form No.
1	Compensation paid by the Licensee to Consumers for deficiency of Service as per the Regulations of the Comm	Form 1
2	Details of electrical accidents occurred during previous year and current year	Form 2
3	Replacement of burnt Distribution Transformers (DTRs) and Installation of Additional DTRs	Form 3
4	Statement showing Circle-wise, Category-wise Replacement of Burnt-out Meters	Form 4(a)
5	Statement showing Circle-wise, Category-wise Replacement of Stuck-up Meters	Form 4(b)
6	Performance with regard to attending to Fuse-off Calls (FOC)	Form 5
7	Breakdowns in power supply to urban and rural consumers (circle-wise) and time taken for restoration	Form 6(a)
8	Interruptions in power supply to urban and rural consumers (circle-wise) and time taken for restoration	Form 6(b)
9	Frequency Profile of Southern Region (SR) Grid	Form 7
10	Pending Service Connections applications of different categories of consumers	Form 8(a)
11	Number of Service Connections released to different categories of consumers	Form 8(b)
12	Arrears of consumers over Rs.50,000 pending for over six months	Form 9(a)
13	Details of Bad Debts Written-off during FY2014-15	Form 9(b)
14	Court cases involving the Licensee and steps being taken to resolve them	Form 10
15	Number of cases filed in respect of pilferage of power in various categories giving comparative picture with previ	Form 11

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Compensation paid by the Licensee to Consumers for deficiency of Service as per the Regulations of the Commission

Sl. No.	Circle	Meter Complaints		Wrong billing		Back Billing		Category Change		New Connections Release		Title Change		O&M		Others		Total	
		Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount
During FY2016-17																			
1	Hyderabad (Central)																	0	0
2	Hyderabad (North)																	0	0
3	Hyderabad (South)																	0	0
4	Mahabubnagar			2	27400					1	25500							3	52900
5	Medak & Siddipet	1	257381	1	67257					1	41200							3	365838
6	Nalgonda							1	25600									1	25600
7	Rangareddy (East)			1	25000													1	25000
8	Rangareddy (North)																	0	0
9	Rangareddy (South)															3	75000	3	75000
TSSPDCL Total		1	257381	4	119657	0	0	1	25600	2	66700	0	0	0	0	3	75000	11	544338
During H1 of FY2017-18																			
1	Hyderabad (Central)																	0	0
2	Hyderabad (North)																	0	0
3	Hyderabad (South)																	0	0
4	Mahabubnagar																	0	0
5	Medak & Siddipet					1	20700			1	41200							2	61900
6	Nalgonda																	0	0
7	Rangareddy (East)																	0	0
8	Rangareddy (North)																	0	0
9	Rangareddy (South)																	0	0
TSSPDCL Total		0	0	0	0	1	20700	0	0	1	41200	0	0	0	0	0	0	2	61900

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Details of electrical accidents occurred during previous year and current year

Sl. No.	Circle	Human								Animals
		Fatal				Non-Fatal				
		Departmental	Contract Labour	General Public	Total	Departmental	Contract Labour	General Public	Total	
During FY2016-17										
1	Hyderabad (Central)			3	3		2		2	1
2	Hyderabad (North)		1	8	9		1	2	3	
3	Hyderabad (South)		2	2	4		4	3	7	
4	Mahabubnagar		2	94	96			4	4	93
5	Medak & Siddipet		2	99	101	1	1	8	10	122
6	Nalgonda		13	58	71	1	2	3	6	145
7	Rangareddy (East)	1	2	7	10		1	2	3	23
8	Rangareddy (North)		2	9	11		6	5	11	14
9	Rangareddy (South)		3	40	43		3	2	5	65
10	Scada		1		1		1		1	
TSSPDCL Total		1	28	320	349	2	21	29	52	463
During H1 of FY2017-18										
1	Hyderabad (Central)			3	3		1		1	
2	Hyderabad (North)		1	3	4	3		1	4	
3	Hyderabad (South)			3	3			1	1	
4	Mahabubnagar			40	40					14
5	Medak & Siddipet		1	27	28		1	3	4	3
6	Nalgonda			18	18			2	2	
7	Rangareddy (East)		1	5	6		1		1	9
8	Rangareddy (North)		1	4	5		1		1	6
9	Rangareddy (South)	1	1	20	22		1	2	3	24
10	Scada			1	1					
TSSPDCL Total		1	5	124	130	3	5	9	17	56

Details of exgratia paid during previous year and current year

Sl. No.	Circle	No. of cases for which ex-gratia paid (Rs. in lakhs)			
		Human		Animals	
		No.	Amount	Nos.	Amount
During FY2016-17					
1	Hyderabad (Central)	2	9.00		
2	Hyderabad (North)	5	16.00		
3	Hyderabad (South)	3	13.00		
4	Mahabubnagar	46	191.00	93	33.57
5	Medak & Siddipet	45	186.00	116	48.75
6	Nalgonda	34	136.00	145	55.69
7	Rangareddy (East)	6	31.00	15	5.34
8	Rangareddy (North)	6	31.00	7	2.8
9	Rangareddy (South)	32	146.00	50	15.05
10	Scada	1	4.00		
TSSPDCL Total		180	763	426	161.2
During H1 of FY2017-18					
1	Hyderabad (Central)	1	4.00		
2	Hyderabad (North)	2	8.00		
3	Hyderabad (South)	6	21.52		
4	Mahabubnagar	5	18.00	15	5.20
5	Medak & Siddipet	1	2.00	60	4.86
6	Nalgonda	1	4.00	16	6.27
7	Rangareddy (East)	1	10.00		
8	Rangareddy (North)	1	10.00	1	0.40
9	Rangareddy (South)	4	22.00	8	3.20
10	Scada	1	4.00		
TSSPDCL Total		23	103.52	100	19.93

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Replacement of burnt Distribution Transformers (DTRs) and Installation of Additional DTRs

Sl. No.	Circle	No.of DTRs as on beginning of the year			No.of DTRs failed and replaced			No.of DTRs added			No.of DTRs as on end of year/H1 of year		
		Single Phase	Three Phase	Total	Single Phase	Three Phase	Total	Single Phase	Three Phase	Total	Single Phase	Three Phase	Total
During FY2016-17													
1	Hyderabad (Central)	102	6434	6536	0	347	347	7	336	343	109	6770	6879
2	Hyderabad (North)	265	12683	12948	0	569	569	1	393	394	266	13076	13342
3	Hyderabad (South)	28	5286	5314	0	520	520	192	332	524	220	5618	5838
4	Mahabubnagar	20200	47212	67412	3289	8233	11522	808	11816	12624	21008	59028	80036
5	Medak & Siddipet	13444	44100	57544	1964	6675	8639	1331	5405	6736	14775	49505	64280
6	Nalgonda	26449	69488	95937	2672	9786	12458	349	9472	9821	26798	78960	105758
7	Rangareddy (East)	2523	15994	18517	226	1135	1361	19	831	850	2542	16825	19367
8	Rangareddy (North)	1824	15804	17628	74	610	684	25	2311	2336	1849	18115	19964
9	Rangareddy (South)	11102	25827	36929	1241	2858	4099	600	1569	2169	11702	27396	39098
TSSPDCL Total		75937	242828	318765	9466	30733	40199	3332	32465	35797	79269	275293	354562
During H1 of FY2017-18													
1	Hyderabad (Central)	109	6770	6879	0	206	206	0	76	76	109	6846	6955
2	Hyderabad (North)	266	13076	13342	0	311	311	0	199	199	266	13275	13541
3	Hyderabad (South)	220	5618	5838	0	233	233	0	71	71	220	5689	5909
4	Mahabubnagar	21008	59028	80036	923	2519	3442	118	2654	2772	21126	61682	82808
5	Medak & Siddipet	14775	49505	64280	504	2317	2821	79	1812	1891	14854	51317	66171
6	Nalgonda	26798	78960	105758	1099	4555	5654	120	3167	3287	26918	82127	109045
7	Rangareddy (East)	2542	16825	19367	98	619	717	29	470	499	2571	17295	19866
8	Rangareddy (North)	1849	18115	19964	38	286	324	0	620	620	1849	18735	20584
9	Rangareddy (South)	11702	27396	39098	571	1414	1985	300	1414	1714	12002	28810	40812
TSSPDCL Total		79269	275293	354562	3233	12460	15693	646	10483	11129	79915	285776	365691

Note: Due reorganisations of districts DTRs diverted between circles, the DTRs has transferred from Mahabubnagar Circle to RR South, Gundala section has transferred to TSNPDCL from Nalgonda Circle and Gachibowli division has transferred to RR South circle.

Format - 4(a)

Statement showing Circle-wise, Category-wise Replacement of Burnt-out Meters

Sl. Circle		Burnt-out Meter Services									Replacement of Burnt-out Meter Services								
During FY2016-17																			
HT Category		HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-VIII	Total	HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-VIII	Total
1	Hyderabad (Central)																		
2	Hyderabad (North)																		
3	Hyderabad (South)																		
4	Mahabubnagar																		
5	Medak & Siddipet																		
6	Nalgonda																		
7	Rangareddy (East)																		
8	Rangareddy (North)																		
9	Rangareddy (South)																		
HT Category Total																			
LT Category		LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total	LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total
1	Hyderabad (Central)	1632	384	7			640	9		2672	1585	384	8			639	10		2626
2	Hyderabad (North)	755	219	24			1149	3		2150	736	223	24			1184	4		2171
3	Hyderabad (South)	1915	431	14			59	7		2426	1815	418	18			64	8		2323
4	Mahabubnagar	3456	922	103	12	1	89	76		4659	3296	920	104	11	1	85	74		4491
5	Medak & Siddipet	5820	982	216	1		360	90		7469	4487	865	197	2		326	71		5948
6	Nalgonda	1799	563	76	9	1	215	33	2	2698	1650	534	73	9	1	204	28	2	2501
7	Rangareddy (East)	1338	309	42	1	3	917	9		2619	1321	309	40	1	3	878	11		2563
8	Rangareddy (North)	822	295	40	1	25	1032	11		2226	801	293	42	1	24	995	9		2165
9	Rangareddy (South)	4843	896	68	2	66	305	53	1	6234	4536	870	68	2	66	305	44	1	5892
LT Category Total		22380	5001	590	26	96	4766	291	3	33153	20227	4816	574	26	95	4680	259	3	30680
During H1 of FY2017-18																			
HT Category		HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-VIII	Total	HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-VIII	Total
1	Hyderabad (Central)																		
2	Hyderabad (North)																		
3	Hyderabad (South)																		
4	Mahabubnagar																		
5	Medak & Siddipet																		
6	Nalgonda																		
7	Rangareddy (East)																		
8	Rangareddy (North)																		
9	Rangareddy (South)																		
HT Category Total																			
LT Category		LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total	LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total
1	Hyderabad (Central)	1008	199	2			269	9		1487	996	192	2			176	9		1375
2	Hyderabad (North)	351	132	16		2	439	4		944	346	120	16		1	329	2		814
3	Hyderabad (South)	1454	308	10			107	7	1	1887	1406	300	9			70	7	1	1793
4	Mahabubnagar	2483	478	57	5		14	41	1	3079	2829	415	79	4		15	37	1	3380
5	Medak & Siddipet	5510	659	121		1	309	82		6682	6011	482	61		1	187	71		6813
6	Nalgonda	1259	328	54	1		148	12	1	1803	1282	327	61	1		50	17	1	1739
7	Rangareddy (East)	830	172	21		1	459	6		1489	780	163	18		1	382	5		1349
8	Rangareddy (North)	534	179	26	5	5	501	3		1253	552	170	24	3	3	463	5		1220
9	Rangareddy (South)	3565	647	63		23	92	26		4416	3674	602	64		20	93	22		4475
LT Category Total		16994	3102	370	11	32	2338	190	3	23040	17876	2771	334	8	26	1765	175	3	22958

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Statement showing Circle-wise, Category-wise Replacement of Stuck-up Meters

Sl. Circle		Stuck-up Meter Services								Replacement of Stuck-up Meter Services									
During FY2016-17																			
HT Category		HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-VIII	Total	HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-VIII	Total
1	Hyderabad (Central)	2	20							22	2	20							22
2	Hyderabad (North)		4							4		4							4
3	Hyderabad (South)	1	4			1				6	1	4			1				6
4	Mahabubnagar	35	1	15						51	35	1	15						51
5	Medak & Siddipet	13		1						14	13		1						14
6	Nalgonda	4	1							5	4	1							5
7	Rangareddy (East)	28	14		1	1				44	28	14		1	1				44
8	Rangareddy (North)																		
9	Rangareddy (South)	24	15							39	24	15							39
HT Category Total		107	59	16	1	2				185	107	59	16	1	2				185
LT Category		LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total	LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total
1	Hyderabad (Central)	12002	2331	17			246	52		14648	11762	2283	17			227	52		14341
2	Hyderabad (North)	16038	3423	191		5	451	45	1	20154	15728	3398	192		5	413	44	1	19781
3	Hyderabad (South)	7604	2460	65	2	1	61	39		10232	7351	2420	67	2	1	54	38		9933
4	Mahabubnagar	14782	2651	406	23		94	125		18081	14472	2596	391	27	1	104	121		17712
5	Medak & Siddipet	26640	3304	560	12		379	233	1	31129	23254	2927	493	6		330	196	1	27207
6	Nalgonda	30776	4180	574	300	5	993	242		37070	28664	4056	571	297	3	943	224		34758
7	Rangareddy (East)	20311	2702	260	1	11	781	78	3	24147	19936	2643	260	1	11	786	80	2	23719
8	Rangareddy (North)	22241	2967	182	5	27	536	40	1	25999	21503	2914	180	5	25	526	35	1	25189
9	Rangareddy (South)	19048	2560	438	4	144	140	80		22414	18379	2528	403	4	139	126	81		21660
LT Category Total		169442	26578	2693	347	193	3681	934	6	203874	161049	25765	2574	342	185	3509	871	5	194300
During H1 of FY2017-18																			
HT Category		HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-VIII	Total	HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-VIII	Total
1	Hyderabad (Central)																		
2	Hyderabad (North)		3							3		3							3
3	Hyderabad (South)	2	6				1			9	2	6				1			9
4	Mahabubnagar	6	1		27					34	6	1		27					34
5	Medak & Siddipet	12	1							13	12	1							13
6	Nalgonda	1			1					2	1			1					2
7	Rangareddy (East)					6	6			12					6	6			12
8	Rangareddy (North)																		
9	Rangareddy (South)	3								3	3								3
HT Category Total		24	11		28	6	7			76	24	11		28	6	7			76
LT Category		LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total	LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total
1	Hyderabad (Central)	9113	1767	21			165	34		11100	7867	1581	17			170	27		9662
2	Hyderabad (North)	9574	1876	86	1		223	25		11785	8583	1686	72			249	21		10611
3	Hyderabad (South)	4862	1315	36			131	21		6365	4225	1224	37			104	21		5611
4	Mahabubnagar	11606	1529	141	17		26	90		13409	10112	1450	173	11		42	88		11876
5	Medak & Siddipet	19239	2135	296	6		222	189	4	22091	17069	2087	316	6		149	146	4	19777
6	Nalgonda	20553	2374	249	76	1	481	127		23861	20799	2350	231	67	3	473	143		24066
7	Rangareddy (East)	10853	1394	123		3	330	22	1	12726	10194	1299	114		2	300	25	2	11936
8	Rangareddy (North)	12872	1764	86	4	21	352	33		15132	12180	1656	87	4	22	367	35		14351
9	Rangareddy (South)	14539	1727	200	1	62	70	88	1	16688	13287	1576	190	1	66	80	69	1	15270
LT Category Total		113211	15881	1238	105	87	2000	629	6	133157	104316	14909	1237	89	93	1934	575	7	123160

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Performance with regard to attending to Fuse-off Calls (FOC)

Circle	Type of Compalints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
During FY2016-17						
Hyderabad (Central)	Individual FOCs	85680	87220	1:00:00	0:20:00	0:40:00
	Servce Wire defect	3120	3120	1:00:00	0:30:00	0:45:00
	LT Fuses blown	57220	77261	1:00:00	0:30:00	0:45:00
	LT line fault	1230	7080	1:00:00	0:30:00	0:45:00
	HG fuse blown	18150	65525	1:00:00	0:30:00	0:45:00
	DTR Failure	348	44196	1:00:00	0:50:00	0:55:00
	Total	165748	284402	6:00:00	3:10:00	4:35:00
Hyderabad (North)	Individual FOCs	9521	9521	1:00:00	0:30:00	0:45:00
	Servce Wire defect	2381	2381	1:00:00	0:30:00	0:45:00
	LT Fuses blown	64376	587236	0:30:00	0:30:00	0:30:00
	LT line fault	375	9375	1:00:00	0:30:00	0:45:00
	HG fuse blown	8250	412500	1:00:00	0:30:00	0:45:00
	DTR Failure	572	28600	8:00:00	3:00:00	5:30:00
	Total	85475	1049613	12:30:00	5:30:00	9:00:00
Hyderabad (South)	Individual FOCs	117983	120415	1:00:00	0:20:00	0:40:00
	Servce Wire defect	4980	5371	1:00:00	0:20:00	0:40:00
	LT Fuses blown	71629	2522591	1:00:00	0:20:00	0:40:00
	LT line fault	351	17982	1:30:00	0:30:00	1:00:00
	HG fuse blown	2866	135337	1:00:00	0:30:00	0:45:00
	DTR Failure	472	41932	1:00:00	0:30:00	0:45:00
	Total	198281	2843628	6:30:00	2:30:00	4:30:00
Mahabubnagar	Individual FOCs	20313	20313	1:00:00	0:30:00	0:45:00
	Servce Wire defect	1903	1903	1:30:00	0:30:00	1:00:00
	LT Fuses blown	74	1924	2:00:00	1:00:00	1:30:00
	LT line fault	37	372	3:00:00	2:00:00	2:30:00
	HG fuse blown	43	1376	2:00:00	1:00:00	1:30:00
	DTR Failure	11518	69108	48:00:00	12:00:00	30:00:00
	Total	33888	94996	57:30:00	17:00:00	37:15:00
Medak & Siddipet	Individual FOCs	7092	92327	1:00:00	0:30:00	0:45:00
	Servce Wire defect	1264	1264	1:00:00	0:30:00	0:45:00
	LT Fuses blown	9459	96351	1:00:00	0:30:00	0:45:00
	LT line fault	2267	26898	3:00:00	2:00:00	2:30:00
	HG fuse blown	1683	17112	6:00:00	2:00:00	4:00:00
	DTR Failure	8157	168561	48:00:00	15:00:00	31:30:00
	Total	29922	402513	60:00:00	20:30:00	40:15:00

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
Nalgonda	Individual FOCs	23685	23685	4:00:00	1:00:00	2:30:00
	Service Wire defect	942	942	4:00:00	1:00:00	2:30:00
	LT Fuses blown	4269	34689	1:00:00	0:30:00	0:45:00
	LT line fault	348	36987	4:00:00	1:00:00	2:30:00
	HG fuse blown	2899	7468	0:30:00	0:30:00	0:30:00
	DTR Failure	1698	42368	24:00:00	4:00:00	14:00:00
	Total	33841	146139	37:30:00	8:00:00	22:45:00
Rangareddy (East)	Individual FOCs	1750	1750	2:10:00	0:20:00	1:15:00
	Service Wire defect	2016	2016	4:00:00	1:00:00	2:30:00
	LT Fuses blown	3024	12374	2:00:00	0:45:00	1:22:30
	LT line fault	1025	55238	3:00:00	0:55:00	1:57:30
	HG fuse blown	1348	7234	2:00:00	0:40:00	1:20:00
	DTR Failure	615	9840	12:00:00	6:00:00	9:00:00
	Total	9778	88452	25:10:00	9:40:00	17:25:00
Rangareddy (North)	Individual FOCs	18006	125886	1:15:00	0:25:00	0:50:00
	Service Wire defect	11622	11622	1:35:00	0:30:00	1:02:30
	LT Fuses blown	20289	454326	1:25:00	0:35:00	1:00:00
	LT line fault	2029	56822	1:25:00	0:55:00	1:10:00
	HG fuse blown	15336	1349340	1:35:00	0:45:00	1:10:00
	DTR Failure	392	55634	7:45:00	6:30:00	7:07:30
	Total	67674	2053630	15:00:00	9:40:00	12:20:00
Rangareddy (South)	Individual FOCs	5464	5489	6:45:00	2:05:00	4:25:00
	Service Wire defect	6998	6998	11:15:00	4:59:00	8:07:00
	LT Fuses blown	33936	70229	9:22:00	2:31:00	5:56:30
	LT line fault	2923	37046	14:30:00	3:43:00	9:06:30
	HG fuse blown	16181	42603	10:10:00	2:30:00	6:20:00
	DTR Failure	3193	182480	181:30:00	48:30:00	115:00:00
	Total	68695	344845	233:32:00	64:18:00	148:55:00
TSSPDCL	Individual FOCs	289494	486606	19:10:00	6:00:00	12:35:00
	Service Wire defect	35226	35617	26:20:00	9:49:00	18:04:30
	LT Fuses blown	264276	3856981	19:17:00	7:11:00	13:14:00
	LT line fault	10585	247800	32:25:00	12:03:00	22:14:00
	HG fuse blown	66756	2038495	25:15:00	8:55:00	17:05:00
	DTR Failure	26965	642719	331:15:00	96:20:00	213:47:30
	Total	693302	7308218	453:42:00	140:18:00	297:00:00

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
During H1 of FY2017-18						
Hyderabad (Central)	Individual FOCs	46350	46350	1:00:00	0:20:00	0:40:00
	Serivce Wire defect	1585	1585	1:00:00	0:30:00	0:45:00
	LT Fuses blown	24470	38521	1:00:00	0:30:00	0:45:00
	LT line fault	807	2511	1:00:00	0:30:00	0:45:00
	HG fuse blown	6915	12652	1:00:00	0:30:00	0:45:00
	DTR Failure	205	26855	1:00:00	0:50:00	0:55:00
	Total	80332	128474	6:00:00	3:10:00	4:35:00
Banjarahills	Individual FOCs	4621	4621	1:00:00	0:30:00	0:45:00
	Serivce Wire defect	1254	1254	1:00:00	0:30:00	0:45:00
	LT Fuses blown	15796	236940	0:30:00	0:30:00	0:30:00
	LT line fault	143	3575	1:00:00	0:30:00	0:45:00
	HG fuse blown	2906	145300	1:00:00	0:30:00	0:45:00
	DTR Failure	120	6000	8:00:00	3:00:00	5:30:00
	Total	24840	397690	12:30:00	5:30:00	9:00:00
Secunderabad	Individual FOCs	20150	20150	1:00:00	0:30:00	0:45:00
	Serivce Wire defect	6716	6716	1:00:00	0:30:00	0:45:00
	LT Fuses blown	17927	448175	0:30:00	0:30:00	0:30:00
	LT line fault	161	4025	1:00:00	0:30:00	0:45:00
	HG fuse blown	3768	188400	1:00:00	0:30:00	0:45:00
	DTR Failure	177	8850	8:00:00	3:00:00	5:30:00
	Total	48899	676316	12:30:00	5:30:00	9:00:00
Hyderabad (South)	Individual FOCs	67447	67447	1:00:00	0:20:00	0:40:00
	Serivce Wire defect	2971	2971	1:00:00	0:20:00	0:40:00
	LT Fuses blown	39628	2936480	1:00:00	0:20:00	0:40:00
	LT line fault	211	4256	1:30:00	0:30:00	1:00:00
	HG fuse blown	850	70402	1:00:00	0:30:00	0:45:00
	DTR Failure	150	16318	4:00:00	1:30:00	2:45:00
	Total	111257	3097874	9:30:00	3:30:00	6:30:00
Mahabubnagar	Individual FOCs	2782	2782	1:00:00	0:30:00	0:45:00
	Serivce Wire defect	261	261	1:30:00	0:30:00	1:00:00
	LT Fuses blown	16	416	2:00:00	1:00:00	1:30:00
	LT line fault	5	55	3:00:00	2:00:00	2:30:00
	HG fuse blown	7	224	2:00:00	1:00:00	1:30:00
	DTR Failure	1720	10320	48:00:00	12:00:00	30:00:00
	Total	4791	14058	57:30:00	17:00:00	37:15:00
Wanaparthy	Individual FOCs	1795	1795	1:00:00	0:30:00	0:45:00
	Serivce Wire defect	168	168	1:30:00	0:30:00	1:00:00
	LT Fuses blown	9	234	2:00:00	1:00:00	1:30:00
	LT line fault	3	33	3:00:00	2:00:00	2:30:00
	HG fuse blown	5	160	2:00:00	1:00:00	1:30:00
	DTR Failure	577	3462	48:00:00	12:00:00	30:00:00
	Total	2557	5852	57:30:00	17:00:00	37:15:00

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
Gadwal	Individual FOCs	1974	1974	1:00:00	0:30:00	0:45:00
	Service Wire defect	185	185	1:30:00	0:30:00	1:00:00
	LT Fuses blown	12	312	2:00:00	1:00:00	1:30:00
	LT line fault	4	44	3:00:00	2:00:00	2:30:00
	HG fuse blown	5	160	2:00:00	1:00:00	1:30:00
	DTR Failure	846	5076	48:00:00	12:00:00	30:00:00
	Total	3026	7751	57:30:00	17:00:00	37:15:00
Nagarkurnool	Individual FOCs	2423	2423	1:00:00	0:30:00	0:45:00
	Service Wire defect	227	227	1:30:00	0:30:00	1:00:00
	LT Fuses blown	11	286	2:00:00	1:00:00	1:30:00
	LT line fault	5	55	3:00:00	2:00:00	2:30:00
	HG fuse blown	6	192	2:00:00	1:00:00	1:30:00
	DTR Failure	1426	8556	48:00:00	12:00:00	30:00:00
	Total	4098	11739	57:30:00	17:00:00	37:15:00
Medak	Individual FOCs	2318	28242	1:00:00	0:30:00	0:45:00
	Service Wire defect	172	172	1:00:00	0:30:00	0:45:00
	LT Fuses blown	3211	38519	1:00:00	0:30:00	0:45:00
	LT line fault	802	9052	3:00:00	2:00:00	2:30:00
	HG fuse blown	437	1833	6:00:00	2:00:00	4:00:00
	DTR Failure	1126	15631	48:00:00	15:00:00	31:30:00
	Total	8066	93449	60:00:00	20:30:00	40:15:00
Sangareddy	Individual FOCs	1824	20888	1:00:00	0:30:00	0:45:00
	Service Wire defect	158	158	1:00:00	0:30:00	0:45:00
	LT Fuses blown	2236	26832	1:00:00	0:30:00	0:45:00
	LT line fault	639	7668	3:00:00	2:00:00	2:30:00
	HG fuse blown	511	831	6:00:00	2:00:00	4:00:00
	DTR Failure	1088	13152	48:00:00	15:00:00	31:30:00
	Total	6456	69529	60:00:00	20:30:00	40:15:00
Siddipet	Individual FOCs	95	95	3:00:00	2:00:00	2:30:00
	Service Wire defect	43	43	4:00:00	2:00:00	3:00:00
	LT Fuses blown	9	9	3:00:00	1:00:00	2:00:00
	LT line fault	14	14	5:00:00	2:00:00	3:30:00
	HG fuse blown	21	21	4:00:00	2:00:00	3:00:00
	DTR Failure	193	288	52:00:00	12:00:00	32:00:00
	Total	375	470	71:00:00	21:00:00	46:00:00
Nalgonda	Individual FOCs	98568	98568	4:00:00	1:00:00	2:30:00
	Service Wire defect	342	342	4:00:00	1:00:00	2:30:00
	LT Fuses blown	2015	5889	1:00:00	0:30:00	0:45:00
	LT line fault	128	12654	4:00:00	1:00:00	2:30:00
	HG fuse blown	1025	2895	0:30:00	0:30:00	0:30:00
	DTR Failure	845	23654	24:00:00	4:00:00	14:00:00
	Total	102923	144002	37:30:00	8:00:00	22:45:00

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
Suryapet	Individual FOCs	5492	5492	4:00:00	1:00:00	2:30:00
	Service Wire defect	242	242	4:00:00	1:00:00	2:30:00
	LT Fuses blown	985	5499	1:00:00	0:30:00	0:45:00
	LT line fault	102	9854	4:00:00	1:00:00	2:30:00
	HG fuse blown	786	2169	0:30:00	0:30:00	0:30:00
	DTR Failure	428	12459	24:00:00	4:00:00	14:00:00
	Total	8035	35715	37:30:00	8:00:00	22:45:00
Yadadri	Individual FOCs	5569	5569	4:00:00	1:00:00	2:30:00
	Service Wire defect	246	246	4:00:00	1:00:00	2:30:00
	LT Fuses blown	1259	8468	1:00:00	0:30:00	0:45:00
	LT line fault	115	8548	4:00:00	1:00:00	2:30:00
	HG fuse blown	686	1988	0:30:00	0:30:00	0:30:00
	DTR Failure	315	7458	24:00:00	4:00:00	14:00:00
	Total	8190	32277	37:30:00	8:00:00	22:45:00
Habsiguda	Individual FOCs	1305	1305	1:40:00	0:15:00	0:57:30
	Service Wire defect	945	945	3:30:00	0:55:00	2:12:30
	LT Fuses blown	1512	6187	1:45:00	0:40:00	1:12:30
	LT line fault	114	2850	2:50:00	0:40:00	1:45:00
	HG fuse blown	253	6315	1:50:00	0:30:00	1:10:00
	DTR Failure	258	4950	12:00:00	5:30:00	8:45:00
	Total	4387	22552	23:35:00	8:30:00	16:02:30
Medchal	Individual FOCs	8035	34675	1:35:00	0:25:00	1:00:00
	Service Wire defect	1115	1115	1:35:00	0:30:00	1:02:30
	LT Fuses blown	9717	227400	1:45:00	0:35:00	1:10:00
	LT line fault	474	26285	1:25:00	0:55:00	1:10:00
	HG fuse blown	8948	810475	1:55:00	0:45:00	1:20:00
	DTR Failure	229	30958	7:45:00	6:30:00	7:07:30
	Total	28518	1130908	16:00:00	9:40:00	12:50:00
Cyber city	Individual FOCs	3325	3543	7:22:32	2:32:00	4:57:16
	Service Wire defect	833	965	6:02:10	3:40:08	4:51:09
	LT Fuses blown	6974	211030	7:21:38	3:51:15	5:36:27
	LT line fault	609	21044	10:16:12	5:33:09	7:54:40
	HG fuse blown	3207	363621	11:52:15	8:00:33	9:56:24
	DTR Failure	74	5011	15:34:12	10:52:10	13:13:11
	Total	15022	605214	58:28:59	34:29:15	46:29:07
Vikarabad	Individual FOCs	1509	1509	3:00:00	0:20:00	1:40:00
	Service Wire defect	127	127	4:00:00	2:00:00	3:00:00
	LT Fuses blown	2202	2202	5:00:00	0:30:00	2:45:00
	LT line fault	117	117	4:00:00	0:30:00	2:15:00
	HG fuse blown	1259	1259	5:00:00	0:30:00	2:45:00
	DTR Failure	1466	98967	12:00:00	6:00:00	9:00:00
	Total	6680	104181	33:00:00	9:50:00	21:25:00

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
Saroornagar	Individual FOCs	2996	3046	2:00:00	0:25:00	1:12:30
	Service Wire defect	2256	2256	2:20:00	0:55:00	1:37:30
	LT Fuses blown	3433	51032	1:50:00	0:35:00	1:12:30
	LT line fault	164	2018	2:20:00	0:35:00	1:27:30
	HG fuse blown	2327	27765	2:00:00	0:35:00	1:17:30
	DTR Failure	481	10682	9:00:00	3:30:00	6:15:00
	Total	11657	96799	19:30:00	6:35:00	13:02:30
Rajendranagar	Individual FOCs	257	257	3:10:00	1:40:00	2:25:00
	Service Wire defect	4036	4036	6:30:00	3:11:00	4:50:30
	LT Fuses blown	15221	44201	5:07:00	2:26:00	3:46:30
	LT line fault	1534	1587	8:05:00	3:20:00	5:42:30
	HG fuse blown	7989	20668	4:55:00	2:15:00	3:35:00
	DTR Failure	380	21131	3:22:00	47:00:00	25:11:00
	Total	29417	91880	31:09:00	59:52:00	45:30:30
TSSPDCL	Individual FOCs	278835	350731	43:47:32	15:17:00	29:32:16
	Service Wire defect	23882	24014	51:57:10	21:01:08	36:29:09
	LT Fuses blown	146643	4288632	41:48:38	17:57:15	29:52:57
	LT line fault	6151	116245	68:26:12	30:33:09	49:29:41
	HG fuse blown	41911	1657330	57:02:15	26:05:33	41:33:54
	DTR Failure	12104	329778	492:41:12	189:42:10	341:11:41
	Total	509526	6766730	755:42:59	300:36:15	528:09:37

Format - 6(a)

Breakdowns in power supply to urban and rural consumers (circle-wise) and time taken for restoration

Breakdowns in power supply to urban and rural consumers (circle wise), and time taken for restoration													
Sl. No.	Circle	33 kV System				Ratio per 100 km		11 kV System				Ratio per 100 km	
		No. of feeders	Length of lines in km	No. of breakdowns	Duration in Hrs	Nos.	Duration in Hrs	No. of feeders	Length of lines in km	No. of breakdowns	Duration in Hrs	Nos.	Duration in Hrs
Occurred during FY2016-17													
1	Hyderabad (Central)	34	208.14	35	14:47:00	16.82	7:06:09	280	976.94	872	2909:45:00	89.26	297:50:36
2	Hyderabad (North)	97	399.64	37	64:30:00	9.26	16:08:22	462	2886.00	1455	4173:26:00	50.42	144:36:35
3	Hyderabad (South)	53	388.03	44	54:55:00	11.34	14:09:10	249	1077.65	147	2490:49:00	13.64	231:08:03
4	Mahabubnagar	154	3390.91	379	2153:50:00	11.18	63:31:04	1127	24601.12	1221	4906:40:00	4.96	19:56:42
5	Medak & Siddipet	179	2561.69	227	1229:00:00	8.86	47:58:34	1210	17866.02	1545	6293:00:00	8.65	35:13:24
6	Nalgonda	132	3198.00	356	2017:44:00	11.13	6:41:34	1158	20189.57	1542	5421:25:00	7.64	26:51:09
7	Rangareddy (East)	56	586.00	55	214:02:00	9.39	90:15:22	427	2521.00	375	799:00:00	14.88	31:41:38
8	Rangareddy (North)	81	863.74	294	528:54:00	34.04	61:14:01	444	2491.80	1064	2131:58:00	42.70	85:33:33
9	Rangareddy (South)	85	1153.00	137	494:45:00	11.88	42:54:35	567	5700.00	1023	2755:21:00	17.95	48:20:22
TSSPDCL Total		871	12749.15	1564	6772:27:00	12.27	53:07:15	5924	78310.10	9244	31881:24:00	11.80	40:42:42
Occurred during H1 of FY2017-18													
1	Hyderabad (Central)	35	217.14	16	28:08:00	7.37	12:57:23	283	988.36	389	101:29:00	39.36	10:16:04
2	Banjara Hills	99	405.74	28	46:11:00	6.90	11:22:57	262	1606.00	392	1392:47:00	24.41	86:43:25
3	Secunderabad					0.00	0:00:00	227	1308.00	232	607:56:00	17.74	46:28:41
4	Hyderabad (South)	54	391.23	16	6:18:00	4.09	87:41:06	260	1083.42	330	686:53:00	30.46	63:23:58
5	Mahabubnagar	43	1037.43	81	343:03:00	7.81	14:01:01	353	8193.45	258	1091:34:00	3.15	13:19:21
6	Wanaparty	17	535.65	32	145:25:00	5.97	31:56:55	168	3717.63	123	438:53:00	3.31	11:48:20
7	Gadwal	18	465.38	34	171:08:00	7.31	59:47:36	146	2746.41	106	441:46:00	3.86	16:05:07
8	Nagarkurnool	32	790.98	61	278:16:00	7.71	35:10:48	242	5482.24	177	715:08:00	3.23	13:02:40
9	Medak	55	657.61	108	278:00:00	16.42	42:16:27	311	5571.44	512	2122:00:00	9.19	38:05:14
10	Sangareddy	81	1199.39	131	429:00:00	10.92	35:46:05	466	8365.34	839	3853:00:00	10.03	46:03:33
11	Siddipet	43	789.77	15	42:20:00	1.90	5:21:37	531	4126.83	68	116:39:00	1.65	2:49:36
12	Nalgonda	86	1483.44	103	254:10:00	6.94	17:08:01	637	9323.13	482	1682:00:00	5.17	18:02:28
13	Suryapet	40	989.25	65	131:45:00	6.57	13:19:05	381	7002.23	246	912:45:00	3.51	13:02:06
14	Yadadri	42	832.78	48	110:30:00	5.76	13:16:08	336	5103.74	198	836:00:00	3.88	16:22:49
15	Habsiguda	37	332.00	18	25:45:00	5.42	7:45:22	268	1288.00	113	103:25:00	8.77	8:01:45
16	Medchal	65	730.92	161	192:11:00	22.03	26:17:36	395	3131.95	537	614:55:00	17.15	19:38:01
17	Cybercity	57	1043.00	153	86:32:30	14.67	8:17:51	259	2267.00	290	469:07:21	12.79	20:41:37
18	Vikarabad	34	535.31	30	126:31:00	5.60	23:38:03	220	2735.41	130	544:39:00	4.75	19:54:40
19	Saroornagar	56	453.00	76	244:34:00	16.78	53:59:18	248	1456.16	625	302:54:00	42.92	20:48:05
20	Rajendranagar	73	1600.62	102	92:25:00	6.37	5:46:26	350	3681.82	180	195:53:00	4.89	5:19:13
TSSPDCL Total		967	14490.64	1278	3032:12:30	8.82	20:55:31	6343	79178.56	6227	17229:43:21	7.86	21:45:38

Format - 6(b)

Interruptions in power supply to urban and rural consumers (circle-wise) and time taken for restoration

Sl. No.	Circle	33 kV System				Ratio per 100 km		11 kV System				Ratio per 100 km	
		No. of feeders	Length of lines in km	No. of Interruptions	Duration in Hrs	Nos.	Duration in Hrs	No. of feeders	Length of lines in km	No. of Interruptions	Duration in Hrs	Nos.	Duration in Hrs
Occurred during FY2016-17													
1	Hyderabad (Central)	34	208.14	478	107:12:00	229.65	51:30:14	280	976.94	8921	2703:21:00	913.16	276:42:58
2	Hyderabad (North)	97	399.64	769	183:11:00	192.42	45:50:14	462	2886.00	14719	4367:24:00	510.01	151:19:50
3	Hyderabad (South)	53	388.03	862	160:19:00	222.15	41:18:56	249	1077.65	9180	2894:09:00	851.85	268:33:40
4	Mahabubnagar	154	3390.91	9803	2037:15:00	289.10	60:04:47	1127	24601.12	28453	5871:20:00	115.66	23:51:58
5	Medak & Siddipet	179	2561.69	2839	3275:00:00	110.83	127:50:43	1210	17866.02	8807	9236:00:00	49.29	51:41:45
6	Nalgonda	132	3198.00	7371	2199:25:00	230.49	68:46:29	1158	20189.57	15157	5498:35:00	75.07	27:14:05
7	Rangareddy (East)	56	586.00	285	185:31:00	48.63	31:39:29	427	2521.00	7008	1045:24:00	277.98	41:28:04
8	Rangareddy (North)	81	863.74	1392	572:53:00	161.16	66:19:33	444	2491.80	6258	1394:21:00	251.14	55:57:27
9	Rangareddy (South)	85	1153.00	2306	856:09:00	200.00	74:15:15	567	5700.00	9323	3730:45:00	163.56	65:27:06
Total		871	12749.15	26105	9576:55:00	204.76	75:07:05	5924	78310.10	107826	36741:19:00	137.69	46:55:04
Occurred during H1 of FY2017-18													
1	Hyderabad (Central)	35	217.14	111	31:43:00	51.12	14:36:24	283	988.36	6113	293:11:00	618.50	29:39:49
2	Banjarahills	99	405.74	302	75:46:00	74.43	18:40:25	262	1606.00	4092	1179:37:00	254.79	73:27:02
3	Secunderabad					0.00	0:00:00	227	1308.00	4234	1055:56:00	323.70	80:43:44
4	Hyderabad (South)	54	391.23	349	72:28:00	89.21	18:31:22	260	1083.42	5533	1729:30:00	510.70	159:38:00
5	Mahabubnagar	43	1037.43	1961	343:27:00	189.02	33:06:21	353	8193.45	4495	1049:20:00	54.86	12:48:25
6	Wanaparthy	17	535.65	762	168:20:00	142.26	31:25:34	168	3717.63	2746	510:40:00	73.86	13:44:11
7	Gadwal	18	465.38	789	184:21:00	169.54	39:36:46	146	2746.41	2472	492:30:00	90.01	17:55:57
8	Nagarkurnool	32	790.98	1418	286:50:00	179.27	36:15:47	242	5482.24	3541	825:50:00	64.59	15:03:50
9	Medak	55	657.61	931	1411:00:00	141.57	214:33:54	311	5571.44	1211	1831:00:00	21.74	32:51:51
10	Sangareddy	81	1199.39	1031	2218:00:00	85.96	184:55:38	466	8365.34	1862	2536:00:00	22.26	30:18:56
11	Siddipet	43	789.77	16	24:37:00	2.03	3:07:01	531	4126.83	97	107:50:00	2.35	2:36:47
12	Nalgonda	86	1483.44	2065	684:00:00	139.20	46:06:33	637	9323.13	4268	1687:00:00	45.78	18:05:41
13	Suryapet	40	989.25	1198	346:00:00	121.10	34:58:34	381	7002.23	2687	958:00:00	38.37	13:40:53
14	Yadadri	42	832.78	948	298:30:00	113.84	35:50:38	336	5103.74	2158	865:00:00	42.28	16:56:54
15	Habsiguda	37	332.00	125	29:59:00	37.65	9:01:52	268	1288.00	3254	140:09:00	252.64	10:52:52
16	Medchal	65	730.92	712	269:38:00	97.41	36:53:22	395	3131.95	4112	682:55:00	131.29	21:48:17
17	Cyber City	57	1043.00	356	145:49:10	34.13	13:58:51	259	2267.00	2500	364:05:00	110.28	16:03:36
18	Vikarabad	34	535.31	566	203:29:00	105.73	38:00:44	220	2735.41	721	187:31:00	26.36	6:51:19
19	Saroornagar	56	453.00	202	59:08:00	44.59	13:03:13	248	1456.16	4229	1242:23:00	290.42	85:19:09
20	Rajendranagar	73	1600.62	947	574:20:00	59.16	35:52:55	350	3681.82	14760	216:32:00	400.89	5:52:52
Total		967	14490.64	14789	7427:25:10	102.06	51:15:24	6343	79178.56	75085	17954:59:00	94.83	22:40:36

Format - 7

Frequency Profile of Southern Region (SR) Grid

Month	Average Hz	Maximum		Minimum		(Figures in percentage of time)				
		Hz	Date	Hz	Date	<49.70 Hz	49.70-49.90 Hz	49.90-50.05 Hz	50.05-50.20 Hz	>50.20 Hz
During FY2016-17										
Apr-16	49.98	50.32	26.04.16	49.73	01.04.16	0.00	10.79	69.47	19.59	0.15
May-16	50.00	50.44	24.05.16	49.78	18.05.16	0.00	10.79	69.47	19.56	0.15
Jun-16	49.99	50.37	27.06.16	49.76	09.06.16	0.00	10.79	69.47	19.56	0.15
Jul-16	50.01	50.35	05.07.16	49.8	02.07.16	0.00	10.79	69.47	19.56	0.15
Aug-16	50.00	50.35	10.08.16	49.79	21.08.16	0.02	6.69	78.68	20.54	0.07
Sep-16	50.00	50.24	02.09.16	49.67	19.09.16	0.00	6.28	74.63	18.57	0.02
Oct-16	50.00	50.25	02.10.16	49.79	20.10.16	0.00	7.31	75.43	17.22	0.05
Nov-16	49.99	50.27	17.11.16	49.54	30.11.16	0.00	7.31	75.43	17.22	0.05
Average						0.00	8.84	72.76	18.98	0.10
Month	Average Hz	Maximum		Minimum		(Figures in percentage of time)				
		Hz	Date	Hz	Date	<49.90 Hz		49.90-50.05 Hz	>50.05 Hz	
Dec-16	49.99	50.31	27.12.16	49.67	12.12.16	4.59		72.22	23.20	
Jan-17	50.00	50.33	14.01.17	49.71	23.01.17	4.59		72.22	23.20	
Feb-17	50.00	50.34	17.02.16	49.76	01.02.17	4.59		72.22	23.20	
Mar-17	49.99	50.34	05.03.17	49.66	27.03.17	4.59		72.22	23.20	
Average	50.00	50.44	24.05.16	49.54	30.11.16	4.59		72.22	23.20	
* - Frequency levels changed by SRLDC from May'14 onwards.										
During H1 of FY2017-18										
Apr-17	49.99	50.26	30.04.17	49.66	18.04.17	4.59		72.22	23.20	
May-17	49.99	50.32	21.05.17	49.69	11.05.17	4.59		72.22	23.20	
Jun-17	50.00	50.24	07.06.17	49.72	02.06.17	4.59		72.22	23.20	
Jul-17	50.00	50.23	06.07.17	49.72	08.07.17	4.59		72.22	23.20	
Aug-17	49.99	50.20	20.08.17	49.65	08.08.17	4.59		72.22	23.20	
Sep-17										
Average	49.994	50.32	21.05.17	49.65	08.08.17	4.59		72.22	23.20	

Format - 8(a)

Pending Service Connections applications of different categories of consumers

Category		BANJARA HILLS	CYBER CITY	GADWAL	HABSIGUDA	HYDERABAD CENTRAL	HYDERABAD SOUTH	MAHABOONNAGAR	MEDAK	MEDCHAL	NAGARKURNOOL	NALGONDA
FY 2016-17, Pending more than 6 months												
LT Supply												
LT-I	Domestic	3	21	3	6	0	0	3	8	5	3	13
LT-II	Non-Domestic/Commercial	0	6	5	12	1	1	12	32	14	24	19
LT-III	Industry	0	0	7	5	0	1	4	3	5	1	4
LT-IV	Cottage Industries	0	0	1	0	0	0	0	0	0	0	2
LT-V	Agricultural	0	236	1,510	23	0	0	607	43	22	856	1,932
LT-VI	Street Lighting & PWS Schemes	0	2	8	0	0	0	17	2	1	10	22
LT-VII	General Purpose	0	1	3	0	0	0	1	1	1	0	1
LT-VIII	Temporary Supply	0	0	0	0	0	0	0	0	0	0	1
LT Supply Total		3	266	1,537	46	1	2	644	89	48	894	1,994
HT Supply												
HT-I	Industry	1	3	2	14	0	0	4	7	17		7
HT-II	Others	7	13	0	5	7	5	3	2	8		1
HT-III	Airports, Railway stations and Bus stations	0	0	0	3	0	0	1	3	11		6
HT-IV	Irrigation & CPWS	0	0	1	0	0	0	1	1	0		5
HT-V	Railway Traction	0	0	0	0	0	0	0	0	0		0
HT-VI	Townships & Residential Colonies	1	1	0	0	0	0	0	0	0		0
HT-VII	Green Power	0	0	0	0	0	0	0	0	0		0
HT-VIII	Temporary Supply	1	3	0	0	0	0	0	0	0		0
HT Supply Total		10	20	3	22	7	5	9	13	36	0	19
LT+HT Supply Total		13	286	1,540	68	8	7	653	102	84	894	2,013
First half year of FY 2017-18, Pending more than 6 months												
LT Supply												
LT-I	Domestic	0	11	0	5	0	0	3	0	4	1	2
LT-II	Non-Domestic/Commercial	0	5	2	2	0	0	9	4	5	10	8
LT-III	Industry	0	0	1	0	0	0	0	1	0	0	1
LT-IV	Cottage Industries	0	0	0	0	0	0	0	0	0	0	0
LT-V	Agricultural	0	71	272	7	0	0	245	15	0	244	561
LT-VI	Street Lighting & PWS Schemes	0	0	0	0	0	0	0	0	0	0	0
LT-VII	General Purpose	0	0	0	0	0	0	0	0	0	0	0
LT-VIII	Temporary Supply	0	0	0	0	0	0	0	0	0	0	1
LT Supply Total		0	87	275	14	0	0	257	20	9	255	573
HT Supply												
HT-I	Industry	0	0	0	0	0	0	0	0	0	0	0
HT-II	Others	0	0	0	0	0	0	0	0	0	0	0
HT-III	Airports, Railway stations and Bus stations	0	0	0	0	0	0	0	0	0	0	0
HT-IV	Irrigation & CPWS	0	0	0	0	0	0	0	0	0	0	0
HT-V	Railway Traction	0	0	0	0	0	0	0	0	0	0	0
HT-VI	Townships & Residential Colonies	0	0	0	0	0	0	0	0	0	0	0
HT-VII	Green Power	0	0	0	0	0	0	0	0	0	0	0
HT-VIII	Temporary Supply	0	0	0	0	0	0	0	0	0	0	0
HT Supply Total		0	0	0	0	0	0	0	0	0	0	0
LT+HT Supply Total		0	87	275	14	0	0	257	20	9	255	573

Format - 8(a)

Pending Service Connections applications of differe

Category		RAJENDRANAGAR	SANGAREDDY	SAROORNAGAR	SECUNDERABAD	SIDDIPET	SURYAPET	VIKARABAD	WANAPARTHY	YADADRI	Total
FY 2016-17, Pending more than 6 months											
LT Supply											
LT-I	Domestic	3	26	5	1	8	6	1	3	2	49
LT-II	Non-Domestic/Commercial	10	67	7	0	21	5	6	8	5	83
LT-III	Industry	6	14	4	0	6	4	2	3	0	25
LT-IV	Cottage Industries	0	0	0	0	0	1	0	0	0	1
LT-V	Agricultural	409	87	54	0	112	1,445	445	443	436	2,441
LT-VI	Street Lighting & PWS Schemes	2	30	0	0	7	5	11	10	1	30
LT-VII	General Purpose	0	1	0	0	1	1	0	1	3	7
LT-VIII	Temporary Supply	0	1	1	0	3	0	0	0	0	0
LT Supply Total		430	226	71	1	158	1,467	465	468	447	2,636
HT Supply											
HT-I	Industry	22	20	7	6	3		8	2		48
HT-II	Others	6	4	10	4	1		1	2		50
HT-III	Airports, Railway stations and Bus stations	5	1	1	1	0		1	0		18
HT-IV	Irrigation & CPWS	1	0	0	0	1		0	0		3
HT-V	Railway Traction	0	0	0	0	0		0			0
HT-VI	Townships & Residential Colonies	0	0	0	0	0		0	2		2
HT-VII	Green Power	0	0	0	0	0		0	0		0
HT-VIII	Temporary Supply	0	0	0	0	0		0	1		4
HT Supply Total		34	25	18	11	5	0	10	7	0	125
LT+HT Supply Total		464	251	89	12	163	1,467	475	475	447	2,761
First half year of FY 2017-18, Pending more than 6											
LT Supply											
LT-I	Domestic	0	13	6	0	3	4	1	0	2	23
LT-II	Non-Domestic/Commercial	2	14	7	0	6	3	2	1	2	27
LT-III	Industry	0	1	0	0	0	2	0	4	0	2
LT-IV	Cottage Industries	0	0	0	0	0	0	0	0	0	0
LT-V	Agricultural	93	62	25	0	44	389	75	409	97	610
LT-VI	Street Lighting & PWS Schemes	0	0	0	0	1	3	0	0	1	0
LT-VII	General Purpose	1	1	0	0	0	1	0	0	0	0
LT-VIII	Temporary Supply	0	1	0	0	2	0	0	0	0	0
LT Supply Total		96	92	38	0	56	402	78	414	102	662
HT Supply											
HT-I	Industry	0	0	0	0	0	0	0	0	0	0
HT-II	Others	0	0	0	0	0	0	0	0	0	0
HT-III	Airports, Railway stations and Bus stations	0	0	0	0	0	0	0	0	0	0
HT-IV	Irrigation & CPWS	0	0	0	0	0	0	0	0	0	0
HT-V	Railway Traction	0	0	0	0	0	0	0	0	0	0
HT-VI	Townships & Residential Colonies	0	0	0	0	0	0	0	0	0	0
HT-VII	Green Power	0	0	0	0	0	0	0	0	0	0
HT-VIII	Temporary Supply	0	0	0	0	0	0	0	0	0	0
HT Supply Total		0	0	0	0	0	0	0	0	0	0
LT+HT Supply Total		96	92	38	0	56	402	78	414	102	662

Format - 8(b)

Number of Service Connections released to different categories of consumers

Category	HYDC	HYDN	HYDS	MBNR	MDK	NLG	RRE	RRN	RRS	SDP	Total
During FY2016-17											
LT Supply											
LT-I Domestic	14099	21264	15839	26147	19406	25394	38669	44316	38991	8331	252456
LT-II Non-Domestic/Commercial	1772	3713	2960	5541	4349	3999	5734	5846	8202	1643	43759
LT-III Industry	1	79	22	164	163	204	201	224	254	61	1373
LT-IV Cottage Industries	3	0	1	20	1	125	0	0	2	2	154
LT-V Agricultural	0	0	0	24093	9241	27380	1197	13	5213	7809	74946
LT-VI Street Lighting & PWS Schemes	0	218	7	448	260	835	920	987	1088	492	5255
LT-VII General Purpose	27	19	32	109	62	88	63	53	61	29	543
LT-VIII Temporary Supply	3	14	4	16	14	22	17	15	19	6	130
LT Supply Total	15905	25307	18865	56538	33496	58047	46801	51454	53830	18373	378616
HT Supply											
HT-I Industry	0	9	0	36	41	29	37	38	25	32	247
HT-II Others	20	53	4	10	11	13	26	40	10	4	191
HT-III Airports, Railway stations and Bus stations	0	0	0	0	0	0	0	0	0	0	0
HT-IV Irrigation & CPWS	0	0	0	2	2	7	0	1	0	7	19
HT-V Railway Traction	0	0	0	1	0	0	0	0	0	0	1
HT-VI Townships & Residential Colonies	3	3	0	0	1	1	1	6	4	0	19
HT-VII Green Power	0	0	0	0	0	0	0	0	0	0	0
HT-VIII Temporary Supply	2	1	0	0	0	0	1	16	7	0	27
HT Supply Total	25	66	4	49	55	50	65	101	46	43	504
LT+HT Supply Total	15955	25439	18873	56636	33606	58147	46931	51656	53922	18459	379120

Category	MBN	VKB	MCL	SPT	HBS	HDS	HDC	NLG	SDP	BJH	RJN	WNP	CBC	NGK	SGR	SRN	GDL	YDD	SEC	MDK	Total
During H1 of FY2017-18																					
LT Supply																					
LT-I Domestic	4648	2935	15852	4409	17441	9507	7786	5222	4248	5306	10812	2103	15814	2489	9224	12411	2102	2208	5284	2459	142260
LT-II Non-Domestic/Commercial	1049	579	2403	735	2228	1976	1121	1301	901	960	2286	520	2275	478	1852	3302	411	382	927	436	26122
LT-III Industry	16	20	162	31	78	8	1	39	26	3	117	22	3	13	29	36	18	15	65	26	728
LT-IV Cottage Industries	6	0	0	18	0	3	0	55	3	0	0	2	0	4	0	2	0	9	0	1	103
LT-V Agricultural	1769	1730	463	4584	70	0	0	4226	2637	0	500	3509	1133	3334	1745	587	3905	874	0	1286	32352
LT-VI Street Lighting & PWS Schemes	6	74	73	101	146	5	28	44	12	22	63	34	100	28	51	3	21	8	3	24	846
LT-VII General Purpose	13	24	20	13	23	22	33	19	35	4	38	4	11	6	21	9	6	15	10	10	336
LT-VIII Temporary Supply	5	4	5	2	15	1	1	4	10	3	1	1	10	0	6	10	5	3	3	1	90
LT Supply Total	7512	5366	18978	9893	20001	11522	8970	10910	7872	6298	13817	6195	19346	6352	12928	16360	6468	3514	6292	4243	202837
HT Supply																					
HT-I Industry	16	8	35	5	30	0	0	7	21	0	29	1	3	1	20	5	4	9	8	17	219
HT-II Others	1	0	25	0	11	5	13	5	2	30	11	0	30	3	6	13	0	2	17	2	176
HT-III Airports, Railway stations and Bus stations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT-IV Irrigation & CPWS	3	0	0	2	0	0	0	0	1	0	0	2	0	0	1	0	1	0	0	0	10
HT-V Railway Traction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT-VI Townships & Residential Colonies	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	3
HT-VII Green Power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT-VIII Temporary Supply	0	0	3	2	0	0	0	0	1	0	0	1	7	0	0	0	0	0	1	0	15
HT Supply Total	20	8	63	7	43	5	13	12	24	32	41	4	41	4	27	18	5	11	26	19	423
LT+HT Supply Total	7532	5374	19041	9900	20044	11527	8983	10922	7896	6330	13858	6199	19387	6356	12955	16378	6473	3525	6318	4262	203260

Format - 9(a)

Arrears of consumers over Rs.50,000 pending for over six months

Category		SC Nos.	Rs.Lakhs
As on 31.03.2017			
LT Supply			
LT-I	Domestic	1076	980.02
LT-II	Non-Domestic/Commercial	1729	1857.39
LT-III	Industry	1450	2212.80
LT-IV	Cottage Industries	4	6.51
LT-V	Agricultural	2987	3014.50
LT-VI	Street Lighting & PWS Schemes	33615	133919.08
LT-VII	General Purpose	442	533.71
LT-VIII	Temporary Supply	23	25.08
LT Supply Total		41326	142549.10
HT Supply			
HT-I	Industry	1462	128235.19
HT-II	Others	271	13272.97
HT-III	Airports, Railway stations and Bus stations	4	386.14
HT-IV	Irrigation & CPWS	200	50436.04
HT-V	Railway Traction		0.00
HT-VI	Townships & Residential Colonies	11	106.25
HT-VII	Green Power		0.00
HT-VIII	Temporary Supply	16	271.78
HT Supply Total		1964	192708.37
LT+HT Supply Total		43290	335257.47
As on 30.09.2017			
LT Supply			
LT-I	Domestic	1167	1059.57
LT-II	Non-Domestic/Commercial	1809	1997.95
LT-III	Industry	1449	2232.33
LT-IV	Cottage Industries	5	6.32
LT-V	Agricultural	2888	2906.97
LT-VI	Street Lighting & PWS Schemes	34705	154117.33
LT-VII	General Purpose	499	582.55
LT-VIII	Temporary Supply	21	24.35
LT Supply Total		42543	162927.37
HT Supply			
HT-I	Industry	1519	142481.95
HT-II	Others	315	14685.34
HT-III	Airports, Railway stations and Bus stations	4	373.04
HT-IV	Irrigation & CPWS	198	56416.73
HT-V	Railway Traction		0.00
HT-VI	Townships & Residential Colonies	13	115.90
HT-VII	Green Power		0.00
HT-VIII	Temporary Supply	26	354.53
HT Supply Total		2075	214427.49
LT+HT Supply Total		44618	377354.87

Format - 9(b)**Details of Bad Debts Written-off during FY2016-17**

Category		Rs.Lakhs
<u>LT Supply</u>		
LT-I	Domestic	NIL
LT-II	Non-Domestic/Commercial	
LT-III	Industry	
LT-IV	Cottage Industries	
LT-V	Agricultural	
LT-VI	Street Lighting & PWS Schemes	
LT-VII	General Purpose	
LT-VIII	Temporary Supply	
LT Supply Total		
<u>HT Supply</u>		
HT-I	Industry	NIL
HT-II	Others	
HT-III	Airports, Railway stations and Bus stations	
HT-IV	Irrigation & CPWS	
HT-V	Railway Traction	
HT-VI	Townships & Residential Colonies	
HT-VII	Green Power	
HT-VIII	Temporary Supply	
HT Supply Total		
LT+HT Supply Total		

Format - 10

Court cases involving the Licensee and steps being taken to resolve them

Sl. No.	Name of the Circle/ Zone	W.Ps.	O.S./ O.Ps.	C.Ds.	O.A.	Total
1	Banjara Hills	78	3	0	0	81
2	CGM/Finance	2	0	0	0	2
3	CGM/Master Plan	3	0	0	0	3
4	CGM/Operation	6	0	0	0	6
5	CGM/P&MM	4	2	0	0	6
6	CGM/Projects	9	2	0	0	11
7	Cybercity	71	1	0	0	72
8	Gadwal	1	0	0	0	1
9	Habsiguda	106	6	2	0	114
10	Hyderabad (South)	60	5	9	0	74
11	Hyderabad (Central)	50	1	2	0	53
12	Medchal	89	3	0	0	92
13	Mahabubnagar	37	3	1	1	42
14	Medak	52	0		0	52
15	Nagarkurnool	2	1	1	0	4
16	Nalgonda	48	8	2	0	58
17	Rajendranagar	67	1	0	0	68
18	Sangareddy	45	0	1	0	46
19	Saroornagar	25	0	0	0	25
20	SE/Assessments	0	0	0	0	0
21	SE/Commercial	17	0	0	0	17
22	SE/IPC	140	0	0	0	140
23	SE/RAC	133	0	0	0	133
24	Secundrabad	52	1	0	0	53
25	Siddipet	2	0	0	0	2
26	Suryapet	7	2	1	0	10
27	TSPCC	22	0	0	0	22
28	Vikarabad	9	0	0	0	9
29	Wanaparty	0	1	0	0	1
30	Yadadri	24	2	2	0	28
TSSPDCL Total		1161	42	21	1	1225

W.P. (Writ Petition); O.S. (Original Suit); O.P. (Original Petition); C.D. (Consumer Disputes); O.A. (Original Appeal)

Format - 11

Number of cases filed in respect of pilferage of power in various categories giving comparative picture with previous year

Sl. No.	Circle	Total No. of cases booked	Provisional Amount Accessed (Rs. in lakhs)	Amount of Assesment realized (Rs. in Lakhs)
During FY2016-17				
1	Banjara Hills	5837	407.59	395.42
2	Cybercity	6105	504.15	352.91
3	Gadwal	2335	64.99	41.75
4	Habsiguda	10303	382.32	379.28
5	Hyderabad (Central)	10315	539.72	495.97
6	Hyderabad (South)	11172	640.46	526.12
7	Mahabubnagar	7184	205.99	157.99
8	Medak	6156	148.95	120.18
9	Medchal	7622	428.16	421.04
10	Nagarkurnool	4275	81.08	80.88
11	Nalgonda	11399	322.11	252.72
12	Rajendranagar	7344	625.60	436.66
13	Sangareddy	9806	405.45	334.57
14	Saroornagar	7530	353.28	325.81
15	Secunderabad	8303	393.77	394.46
16	Siddipet	6835	124.88	113.71
17	Suryapet	8879	186.68	140.90
18	Vikarabad	4768	103.66	74.86
19	Wanaparthy	3141	79.31	82.44
20	Yadadri	5732	140.97	121.05
21	HT(DPE)	182	773.58	964.61
TSSPDCL Total		145223	6912.7	6213.33
During H1 of FY2017-18				
1	Banjara Hills	2794	254.50	165.00
2	Cybercity	3683	430.69	312.77
3	Gadwal	1285	29.24	19.25
4	Habsiguda	5140	175.30	222.70
5	Hyderabad (Central)	4845	300.11	255.68
6	Hyderabad (South)	4980	329.65	210.28
7	Mahabubnagar	4118	159.95	104.12
8	Medak	3696	99.84	56.94
9	Medchal	3912	171.50	169.88
10	Nagarkurnool	1852	70.18	35.65
11	Nalgonda	5171	162.48	100.15
12	Rajendranagar	3420	306.79	219.52
13	Sangareddy	4940	229.84	164.43
14	Saroornagar	3913	202.16	150.85
15	Secunderabad	4046	159.01	137.56
16	Siddipet	3838	90.49	58.08
17	Suryapet	4492	110.14	46.87
18	Vikarabad	2356	58.68	40.01
19	Wanaparthy	1240	30.55	37.07
20	Yadadri	2580	103.54	43.48
21	HT(DPE)	77	246.91	398.72
TSSPDCL Total		72378	3721.55	2949.01

8 Retail Supply Formats

Company Name	TSSPDCL
Filing Date (dd/mm/yy)	30.11.2016
Multi Year Tariff Period	FY 2015-19
Year	FY2017-18
Commission' s Regulations	Reg-4/2005
Business type	Retail Supply of Electricity

S. No.	Title	Form No.
1	Aggregate Revenue Requirement for Retail Supply Business	Form 1
2	Transmission Cost	Form 1.1
3	SLDC Charges	Form 1.2
4	Distribution Cost	Form 1.3
5	Power Purchase and Procurement Cost (For Regulated Business)	Form 1.4
6	NCE Generation (Base Year)	Form 1.4 (i)
7	NCE Generation (Year 1)	Form 1.4(ii)
8	NCE Generation (Year 2)	Form 1.4(iii)
9	NCE Generation (Year 3)	Form 1.4(iv)
10	NCE Generation (Year 4)	Form 1.4(v)
11	NCE Generation (Year 5)	Form 1.4(vi)
12	Power Purchase and Procurement Cost (For Non-regulated Business)	Form 1.4a
13	Sales to Licensees	Form 1.4b
14	Discom-Discom Purchases	Form 1.4c
15	Interest on Consumer Security Deposits	Form 1.5
16	Supply Margin	Form 1.6
17	Other Costs	Form 1.7
18	New consumer categories	Form A
19	Cost of Service: Embedded Cost Method	Form 2
20	Sales Forecast	Form 3
21	Power Purchase Requirement	Form 4
22	Energy Losses (Distribution System)	Form 4a
23	Transmission Losses	Form 4b
24	Energy Availability	Form 4.1
25	Energy Dispatch	Form 4.2
26	Revenue from Current Tariffs	Form 5
27	Incentives at current Tariffs	Form 5a
28	Consumers switching to competition	Form 5b
29	Consumers served under Open Access as per Section 42 and Section 49 of E Act	Form 5c
30	Non-tariff Income at current charges	Form 6
31	Total Revenue at Current tariff and Charges	Form 7
32	Revenue Deficit/Surplus at current tariff and charges	Form 8
33	Revenue Deficit/Surplus and Proposed Adjustments	Form 9
34	Revenue from Proposed Tariffs	Form 10
35	Incentives at Proposed Tariffs	Form 10a
36	Non-tariff Income at proposed charges	Form 11
37	Total Revenue at Proposed Tariff and Charges	Form 12
38	Cost and Revenue	Form 13

Notes:

1)	Base Year	Base Year for the First control period FY15-19 is FY2013-14															
	2014-15	Year 1 is the First Year of the control Period, FY2014-15															
	2015-16	Year 2 is the Second Year of the control Period, FY2015-16															
	2016-17	Year 3 is the Third Year of the control Period, FY2016-17															
	2017-18	Year 4 is the Fourth Year of the control Period, FY2017-18															
	2018-19	Year 5 is the Five Year of the control Period, FY2018 -19															
2)	Filings 2013-14, Licensees shall provide Full projections for FY2015-16 Estimates for FY2014-15 based on actuals for first half of the year Actuals for FY2013-14																
3)	Regulated Business: The retail supply of electricity to (i) consumers within the area of supply of the licensee and not eligible to avail Open Access as per Commission's Regulations (ii) consumers within the area of supply of the licensee and eligible to avail Open Access but not exercising their option of availing open access.																
	Non-regulated Business: The retail supply of electricity to consumers availing supply under open access from the licensee either forming the part of area of supply of the licensee or outside the area of supply of the licensee.																
4)	Direct Non-Tariff Income: Non-Tariff income which is directly identifiable with a consumer category.																
	Apportioned Non-Tariff Income: Non-Tariff income which is not directly identifiable with a consumer category. It shall be appropriately apportioned across various consumer categories.																
5)	New Categories The Licensees shall add the proposed categories in Form A, the new categories would be then updated automatically in other forms The new categories are segregated voltage-wise in Form A																
6)	Modification/addition of Slabs/sub categories for LT consumers should be carried out in Form 7 for Current Tariff and Form 12 for Proposed Tariff. See notes in the relevant form for details																
7)	Phasing of Open Access as per Regulation 2 of 2005 of APERC Eligibility Criteria for Open Access <table border="1"> <thead> <tr> <th>Phase</th><th>Eligibility criteria</th><th>Commencement date</th></tr> </thead> <tbody> <tr> <td>1</td><td>Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity</td><td>September, 2005</td></tr> <tr> <td>2</td><td>Contracted capacity being greater than 5 MW</td><td>September, 2005</td></tr> <tr> <td>3</td><td>Contracted capacity being greater than 2 MW</td><td>September, 2006</td></tr> <tr> <td>4</td><td>Contracted capacity being greater than 1 MW</td><td>April, 2008</td></tr> </tbody> </table>		Phase	Eligibility criteria	Commencement date	1	Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity	September, 2005	2	Contracted capacity being greater than 5 MW	September, 2005	3	Contracted capacity being greater than 2 MW	September, 2006	4	Contracted capacity being greater than 1 MW	April, 2008
Phase	Eligibility criteria	Commencement date															
1	Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity	September, 2005															
2	Contracted capacity being greater than 5 MW	September, 2005															
3	Contracted capacity being greater than 2 MW	September, 2006															
4	Contracted capacity being greater than 1 MW	April, 2008															
8)	Terminology for Open Access Status <table border="1"> <tbody> <tr> <td>1</td><td>Load not eligible for Open Access</td><td>Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.</td></tr> <tr> <td>2</td><td>Load Eligible for Open Access</td><td>Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.</td></tr> <tr> <td>3</td><td>Availed (within area of supply)</td><td>Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.</td></tr> <tr> <td>4</td><td>Availed (Outside Area of supply)</td><td>Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.</td></tr> </tbody> </table>		1	Load not eligible for Open Access	Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.	2	Load Eligible for Open Access	Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.	3	Availed (within area of supply)	Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.	4	Availed (Outside Area of supply)	Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.			
1	Load not eligible for Open Access	Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.															
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3	Availed (within area of supply)	Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.															
4	Availed (Outside Area of supply)	Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.															

Form 1

Aggregate Revenue Requirement for Retail Supply Business

		Amount(In Rs crores)						
Revenue Requirement Item (Rs. Crs.)	Details link	For Control Period						
		Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	
1	Transmission Cost	Form 1.1	649.53	619.06	820.55	1,037.09	698.61	959.57
2	SLDC Cost	Form 1.2	19.18	24.91	26.41	28.86	20.19	23.50
3	Distribution Cost	Form 1.3	1,804.66	1,834.11	1,781.47	2,691.73	2,662.91	3,098.72
4	PGCIL Expenses		265.12	397.28	323.40	731.91	611.98	796.91
5	ULDC Charges		12.20	6.14	8.32	5.88	3.92	2.10
6	Network and SLDC Cost (1+2+3+4+5)		2,750.69	2,881.51	2,960.15	4,495.47	3,997.60	4,880.79
7	Power Purchase / Procurement Cost	Form 1.4	13,552.09	13,160.15	15,478.91	17,303.80	18,307.16	18,432.71
8	Interest on Consumer Security Deposits	Form 1.5	175.90	167.26	167.86	160.14	165.37	176.18
9	Supply Margin in Retail Supply Business	Form 1.6	13.94	11.90	15.84	20.82	24.40	29.20
10	Other Costs, if any	Form 1.7	0.52	-1.20	0.00	4.92	2.42	0.00
11	Supply Cost (7+8+9+10)		13,742.45	13,338.11	15,662.61	17,489.69	18,499.36	18,638.09
12	Aggregate Revenue Requirement (6+11)		16,493.14	16,219.62	18,622.76	21,985.16	22,496.96	23,518.88

Note:	
1	The Revenue Requirement Items are cost borne for supply of power to consumers within the area of supply of the Licensees and not availing supply under Open Access.
2	Transmission Cost refers to the transmission cost borne by the licensee to serve the consumers within the area of the supply and not availing supply under Open Access
3	SLDC cost refers to the SLDC Charges paid to serve the consumers within the area of the supply and not availing supply under Open Access
4	Distribution Cost refers to the distribution cost borne by the licensee to serve the consumers within the area of the supply and not availing supply under Open Access
5	PGCIL and ULDC Expenses to be submitted in this form.

Form 1.1 Transmission Cost

Transmission Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

1) Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access
2) Provide PGCIL and ULDC charges directly in Form 1.

Base Year

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	5585.65	61.03	409.07	3283.35	61.03	240.46						
Total	5585.65		409.07	3283.35		240.46	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	5585.65		409.07	3283.35		240.46	0.00		0.00	0.00		0.00

Form 1.1 Transmission Cost

Transmission Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

1) Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access
2) Provide PGCIL and ULDC charges directly in Form 1.

2014-15 Year 1

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	5628.64	65.30	441.06	2389.40	65.30	187.23						
TSTRANSCO												
diff cost adj.			-9.24									
Total	5628.64		431.82	2389.40		187.23	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	5628.64		431.82	2389.40		187.23	0.00		0.00	0.00		0.00

Form 1.1 Transmission Cost

Transmission Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

1) Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access
2) Provide PGCIL and ULDC charges directly in Form 1.

2015-16 Year 2

(A) Long Term and Firm Contracts												
Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	6284.94	76.66	578.16	2634.86	76.66	242.39						
Total	6284.94		578.16	2634.86		242.39	0.00		0.00	0.00		0.00
(B) Short Term and Temporary Contracts												
Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))												
	6284.94		578.16	2634.86		242.39	0.00		0.00	0.00		0.00

Form 1.1 Transmission Cost

Transmission Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

1) Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access
2) Provide PGCIL and ULDC charges directly in Form 1.

2016-17 Year 3

(A) Long Term and Firm Contracts												
Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	6240.10	91.36	684.11	3219.66	91.36	352.98						
Total	6240.10		684.11	3219.66		352.98	0.00		0.00	0.00		0.00
(B) Short Term and Temporary Contracts												
Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	6240.10		684.11	3219.66		352.98	0.00		0.00	0.00		0.00

Form 1.1 Transmission Cost

Transmission Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

1) Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access
2) Provide PGCIL and ULDC charges directly in Form 1.

2017-18Year 4

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	0.00	95.37	63.26		95.37	31.02						
TSTANSCO (NEW Transmission MYT Order)	6503.43	56.31	402.83	3253.01	56.31	201.49						
Total	6503.43		466.09	3253.01		232.52	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	6503.43		466.09	3253.01		232.52	0.00		0.00	0.00		0.00

Form 1.1 Transmission Cost

Transmission Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

1) Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access
2) Provide PGCIL and ULDC charges directly in Form 1.

2018-19 Year 5

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Load Eligible for Open Access			Open Access Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	7519.67	73.12	659.84	3415.66	73.12	299.72						
Total	7519.67		659.84	3415.66		299.72	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Load Eligible for Open Access			Open Access Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	7519.67		659.84	3415.66		299.72	0.00		0.00	0.00		0.00

Form 1.2

SLDC Charges

SLDC Charges to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access

Base Year

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	5585.65	4755.66	2.66	5585.65	1406.08	9.42	12.08	
Open Access								
Load Eligible for Open Access	3283.35	4755.66	1.56	3283.35	1406.08	5.54	7.10	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

2014-15

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	5628.64	2535.65	1.43	5628.64	2378.11	16.06	17.49	
Open Access								
Load Eligible for Open Access	2389.40	2535.65	0.61	2389.40	2378.11	6.82	7.42	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

2015-16

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	6284.94	3092.78	1.94	6284.94	2209.34	16.66	18.61	
Open Access								
Load Eligible for Open Access	2634.86	3092.78	0.81	2634.86	2209.34	6.99	7.80	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

Form 1.2

SLDC Charges

SLDC Charges to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT. (Refer to Notes for the relevant definitions.)

Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access

2016-17

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	6240.10	3533.18	2.20	6240.10	2247.62	16.83	19.04	
Open Access								
Load Eligible for Open Access	3219.66	3533.18	1.14	3219.66	2247.62	8.68	9.82	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

2017-18

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	6503.43	2908.44	1.89	6503.43	1481.88	11.56	13.46	
Open Access								
Load Eligible for Open Access	3253.01	2908.44	0.95	3253.01	1481.88	5.78	6.73	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

2018-19

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	7519.67	3578.01	2.69	7519.67	1492.87	13.47	16.16	
Open Access								
Load Eligible for Open Access	3415.66	3578.01	1.22	3415.66	1492.87	6.12	7.34	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

Form 1.3

Distribution Cost

Distribution Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)
Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC See Notes Sheet for Phasing of Open Access.

Base Year

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TS SPDCL (33 KV)				1436.20	33.43	60.65			0.00				
TS SPDCL (11 KV)				260.74	204.79	67.45			0.00				
TSSPDCL LT					649.23	0.00			0.00				
Total (Non Eligible OA Cost)			1676.57										

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	

2014-15

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
SPDCL (33 KV)				1168.51	12.67	18.70							
SPDCL (11 KV)				254.91	155.91	50.20							
SPDCL LT					344.17								
Total (Non Eligible OA Cost)			1765.21										
Total	0.00		1765.21	1423.42		68.90	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		1765.21	1423.42		68.90	0.00		0.00	0.00		0.00	

2015-16

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
SPDCL (33 KV)				1299.01	15.71	25.78							
SPDCL (11 KV)				279.84	173.97	61.50							
SPDCL LT					373.12								
Total (Non Eligible OA Cost)			1694.20										
Total	0.00		1694.20	1578.85		87.27	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		1694.20	1578.85		87.27	0.00		0.00	0.00		0.00	

2016-17

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
SPDCL (33 KV)				1327.66	16.63	27.89							
SPDCL (11 KV)				298.34	191.53	72.18							
SPDCL LT					406.84								
Total (Non Eligible OA Cost)			2591.67										
	</												

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		2591.67	1626.00		100.07	0.00		0.00	0.00		0.00	

2017-18

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
SPDCL (33 KV)				1361.99	18.34	31.55							
SPDCL (11 KV)				301.06	211.62	80.48							
SPDCL LT					446.15								
Total (Non Eligible OA Cost)			2550.88										
Total	0.00		2550.88	1663.05		112.03	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
												2662.91	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		2662.91	
Total Long term + Short term Contracts ((A) + (B))	0.00		2550.88	1663.05		112.03	0.00		0.00	0.00		2662.91	

2018-19

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
SPDCL (33 KV)				1430.09	19.95	36.04							
SPDCL (11 KV)				316.11	231.52	92.45							
SPDCL LT					485.45								
Total (Non Eligible OA Cost)			2970.24										
Total	0.00		2970.24	1746.20		128.48	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		2970.24	1746.20		128.48	0.00		0.00	0.00		0.00	

Form 1.4

#Refer to Notes for the definition

Base Year

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
		(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total
TSGENCO																		
Thermal																		
VTPS I	2	420.00	46.06	193.45	3750.23	3750.23	221.85	998.49	0.00	0.00	0.00	1220.34	0.59	0.00	0.00	0.00	2.66	3.25
VTPS II	2	420.00	46.06	193.45	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III	2	420.00	46.06	193.45	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV	2	500.00	46.06	230.30	1657.89	1657.89	231.88	502.42	0.00	0.00	0.00	734.30	1.40	0.00	0.00	0.00	3.03	4.43
RTPP I	2	420.00	46.06	193.45	1063.04	1063.04	102.13	353.01	0.00	0.00	0.00	455.14	0.96	0.00	0.00	0.00	3.32	4.28
RTPP Stage-II	2	420.00	46.06	193.45	1269.51	1269.51	187.73	421.57	0.00	0.00	0.00	609.30	1.48	0.00	0.00	0.00	3.32	4.80
RTPP Stage-III	2	210.00	46.06	96.73	590.95	590.95	142.39	196.24	0.00	0.00	0.00	338.63	2.41	0.00	0.00	0.00	3.32	5.73
KTPS A	2	240.00	46.06	110.54	1752.21	1752.21	167.31	431.34	0.00	0.00	0.00	598.65	0.95	0.00	0.00	0.00	2.46	3.42
KTPS B	2	240.00	46.06	110.54	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C	2	240.00	46.06	110.54	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D	2	500.00	46.06	230.30	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS Stage VI	2	500.00	46.06	230.30	1491.67	1491.67	100.86	292.50	0.00	0.00	0.00	393.36	0.68	0.00	0.00	0.00	1.96	2.64
RTS B	2	62.50	46.06	28.79	184.57	184.57	24.30	45.31	0.00	0.00	0.00	69.61	1.32	0.00	0.00	0.00	2.45	3.77
NTS	2	0.00	46.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I	2	500.00	46.06	230.30	1353.37	1353.37	304.93	284.34	0.00	0.00	0.00	589.27	2.25	0.00	0.00	0.00	2.10	4.35
Kakatiya Thermal Power Plant Stage II					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - I					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - II					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS Stage VI Infirm Power					1492.67	1492.67	263.33	399.36	0.00	0.00	0.00	662.69	1.76	0.00	0.00	0.00	2.68	4.44
Thermal Incentive for the FY 2013-14					0.00	0.00	0.00	0.00	7.36	0.00	0.00	7.36	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL THERMAL		5092.50		2345.61	14606.11	14606.11	1746.70	3924.59	7.36	0.00	0.00	5678.65	1.20	0.01	0.00	0.00	2.69	3.89
MACHKUND PH AP Share	1	84.00	46.06	38.69	143.12	143.12	6.98	0.00	0.00	0.00	0.00	6.98	0.49	0.00	0.00	0.00	0.00	0.49
TUNGBHADRA PH AP Share	1	57.60	46.06	26.53	70.50	70.50	4.79	0.00	0.00	0.00	0.00	4.79	0.68	0.00	0.00	0.00	0.00	0.68
USL	1	240.00	46.06	110.54	207.92	207.92	20.51	0.00	0.00	0.00	0.00	20.51	0.99	0.00	0.00	0.00	0.00	0.99
LSR	1	460.00	46.06	211.88	574.66	574.66	39.32	0.00	0.00	0.00	0.00	39.32	0.68	0.00	0.00	0.00	0.00	0.68
DONKARAYI	1	25.00	46.06	11.52	53.12	53.12	2.14	0.00	0.00	0.00	0.00	2.14	0.40	0.00	0.00	0.00	0.00	0.40
SSLM	1	770.00	46.06	354.66	680.25	680.25	72.05	0.00	0.00	0.00	0.00	72.05	1.06	0.00	0.00	0.00	0.00	1.06
NSPH	1	815.60	46.06	375.67	614.45	614.45	62.11	0.00	0.00	0.00	0.00	62.11	1.01	0.00	0.00	0.00	0.00	1.01
NSRCPH	1	90.00	46.06	41.45	96.45	96.45	6.85	0.00	0.00	0.00	0.00	6.85	0.71	0.00	0.00	0.00	0.00	0.71
NSLCPH	1	60.00	46.06	27.64	44.68	44.68	4.57	0.00	0.00	0.00	0.00	4.57	1.02	0.00	0.00	0.00	0.00	1.02
POCHAMPAD PH	1	36.00	46.06	16.58	29.58	29.58	5.83	0.00	0.00	0.00	0.00	5.83	1.97	0.00	0.00	0.00	0.00	1.97
NIZAMSAGAR PH	1	10.00	46.06	4.61	5.78	5.78	2.16	0.00	0.00	0.00	0.00	2.16	3.74	0.00	0.00	0.00	0.00	3.74
PABM	1	20.00	46.06	9.21	2.20	2.20	4.32	0.00	0.00	0.00	0.00	4.32	19.64	0.00	0.00	0.00	0.00	19.64
MINI HYDRO&OTHERS	1	1.00	46.06	0.46	4.32	4.32	2.63	0.00	0.00	0.00	0.00	2.63	6.08	0.00	0.00	0.00	0.00	6.08
SINGUR	1	15.00	46.06	6.91	1.98	1.98	3.92	0.00	0.00	0.00	0.00	3.92	19.85	0.00	0.00	0.00	0.00	19.85
SSLM LCPH	1	900.00	46.06	414.54	610.39	610.39	231.32	0.00	0.00	0.00	0.00	231.32	3.79	0.00	0.00	0.00	0.00	3.79
Nagarjunasagar Tail Pond Dam Power House	1	50.00	46.06	23.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share	1	234.00	46.06	107.78	122.73	122.73	57.01	0.00	0.00	0.00	0.00	57.01	4.65	0.00	0.00	0.00	0.00	4.65

Lower Jurala Hydro Electric Project	1	240.00	46.06	110.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POCHAMPAD Stig-II	1	9.00	46.06	4.15	8.84	8.84	2.29	0.00	0.00	0.00	0.00	2.29	2.59	0.00	0.00	0.00	0.00	2.59
PULICHINTAL(New Project)	1	120.00	46.06	55.27	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ramagiri Wind Mills					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adv. Income Tax for the FY 2013-14					0.00	0.00	0.00	0.00	0.00	54.31	0.00	54.31	0.00	0.00	0.00	0.00	0.00	0.00
Fixed Cost True up for Thermal stations					0.00	0.00	-46.94	0.00	0.00	0.00	0.00	-46.94	0.00	0.00	0.00	0.00	0.00	0.00
Differential Tariff as per erstwhile APERC Order for the FY 2013-2014 & for FY 2009-2013					0.00	0.00	-557.31	0.00	0.00	0.00	0.00	-557.31	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO		4237.20		1951.65	3270.96	3270.96	-75.45	0.00	0.00	54.31	0.00	-21.14	-0.23	0.00	0.17	0.00	0.00	-0.06
TOTAL TSGENCO		9329.70		4297.26	17877.07	17877.07	1671.25	3924.59	7.36	54.31	0.00	5657.51	0.93	0.00	0.03	0.00	2.20	3.16
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)	2	2100.00	46.06	312.91	2188.24	2188.24	134.53	460.80	0.00	0.00	0.00	595.33	0.61	0.00	0.00	0.00	2.11	2.72
NTPC (SR) Stage III	2	500.00	46.06	78.40	610.35	610.35	57.38	163.84	0.00	0.00	0.00	221.22	0.94	0.00	0.00	0.00	2.68	3.62
Total NTPC(SR)		2600.00		391.31	2798.59	2798.59	191.92	624.64	0.00	0.00	0.00	816.56	0.69	0.00	0.00	0.00	2.23	2.92
NTPC (ER)																		
Farakka					9.42	9.42	3.27	5.11	0.00	0.00	0.00	8.38	3.47	0.00	0.00	0.00	5.42	8.89
Kahalgaoon					4.19	4.19	0.30	2.49	0.00	0.00	0.00	2.79	0.71	0.00	0.00	0.00	5.94	6.65
Talcher - Stage 1					6.07	6.07	0.57	0.99	0.00	0.00	0.00	1.56	0.94	0.00	0.00	0.00	1.64	2.58
Talcher Stage 2	2	2000.00	46.06	189.96	1255.09	1255.09	108.34	191.31	0.00	0.00	0.00	299.66	0.86	0.00	0.00	0.00	1.52	2.39
Others					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)		2000.00		189.96	1274.78	1274.78	112.48	199.90	0.00	0.00	0.00	312.39	0.88	0.00	0.00	0.00	1.57	2.45
Total NTPC		4600.00		581.27	4073.37	4073.37	304.40	824.54	0.00	0.00	0.00	1128.94	0.75	0.00	0.00	0.00	2.02	2.77
NLC TS-II																		
Stage-I		630.00	46.06	55.73	377.48	377.48	27.76	81.24	0.00	0.00	0.00	108.99	0.74	0.00	0.00	0.00	2.15	2.89
Stage-II		840.00	46.06	96.27	660.13	660.13	46.93	135.57	0.00	0.00	0.00	182.50	0.71	0.00	0.00	0.00	2.05	2.76
Total NLC		1470.00		152.00	1037.61	1037.61	74.68	216.81	0.00	0.00	0.00	291.49	0.72	0.00	0.00	0.00	2.09	2.81
NPC																		
NPC-MAPS		440.00	46.06	20.27	80.58	80.58	0.00	16.71	0.00	0.00	0.00	16.71	0.00	0.00	0.00	0.00	2.07	2.07
NPC-Kaiga unit I		440.00	46.06	62.64	430.51	430.51	2.45	129.90	0.00	0.00	0.00	132.35	0.06	0.00	0.00	0.00	3.02	3.07
NPC-Kaiga unit II		440.00	46.06	66.33	436.84	436.84	-0.62	131.81	0.00	0.00	0.00	131.19	-0.01	0.00	0.00	0.00	3.02	3.00
Total NPC		1320.00		149.24	947.93	947.93	1.83	278.42	0.00	0.00	0.00	280.25	0.02	0.00	0.00	0.00	2.94	2.96
NTPC - Simhadri																		
NTPC Simhadri Stage I	2	1000.00	46.06	460.61	3305.53	3305.53	392.71	786.76	0.00	0.00	0.00	1179.47	1.19	0.00	0.00	0.00	2.38	3.57
NTPC Simhadri Stage II	2	1000.00	46.06	209.58	1470.36	1470.36	256.19	353.60	0.00	0.00	0.00	609.79	1.74	0.00	0.00	0.00	2.40	4.15
Total NTPC- Simhadri		2000.00		670.19	4775.89	4775.89	648.90	1140.36	0.00	0.00	0.00	1789.26	1.36	0.00	0.00	0.00	2.39	3.75
CGS - New																		
Vallur Thermal Power Plant	2	1500.00	46.06	101.79	241.51	241.51	51.60	51.59	0.00	0.00	0.00	103.19	2.14	0.00	0.00	0.00	2.14	4.27
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS		10890.00		1654.49	11076.32	11076.32	1081.41	2511.73	0.00	0.00	0.00	3593.14	0.98	0.00	0.00	0.00	2.27	3.24
APGPCL																		
APGPCL I - Allocated capacity	2	16.00	46.06	7.37	27.64	27.64	1.13	7.18	0.00	0.00	0.00	8.31	0.41	0.00	0.00	0.00	2.60	3.01

APGPCL I - Unutilised capacity	2	0.00		0.00	3.81	3.81	0.00	0.98	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	2.56	2.56
APGPCL II - Allocated capacity	2	42.79	46.06	19.71	74.25	74.25	2.15	20.60	0.00	0.00	0.00	22.75	0.29	0.00	0.00	0.00	2.77	3.06
APGPCL II - Unutilised capacity	2	0.00		0.00	2.95	2.95	0.00	0.84	0.00	0.00	0.00	0.84	0.00	0.00	0.00	0.00	2.83	2.83
Total APGPCL		58.79		27.08	108.65	108.65	3.28	29.59	0.00	0.00	0.00	32.86	0.30	0.00	0.00	0.00	2.72	3.02
IPPS																		
GVK	2	216.00	46.06	99.49	439.66	439.66	48.12	96.36	0.00	0.00	0.00	144.48	1.09	0.00	0.00	0.00	2.19	3.29
Spectrum	2	208.00	46.06	95.80	485.35	485.35	47.60	120.22	0.00	0.00	0.00	167.82	0.98	0.00	0.00	0.00	2.48	3.46
Kondapalli (Naphtha)	2	0.00	46.06		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)	2	355.00	46.06	163.51	648.87	648.87	102.11	146.31	0.00	0.00	0.00	248.42	1.57	0.00	0.00	0.00	2.25	3.83
BSES	2	220.00	46.06	101.33	212.09	212.09	21.38	34.73	0.00	0.00	0.00	56.11	1.01	0.00	0.00	0.00	1.64	2.65
GVK Extension	2	220.00	46.06	101.33	0.67	0.67	0.12	-13.40	0.00	0.00	0.00	-13.28	1.81	0.00	0.00	0.00	-200.63	-198.82
Vemagiri	2	370.00	46.06	170.42	70.59	70.59	7.52	52.71	0.00	0.00	0.00	60.24	1.07	0.00	0.00	0.00	7.47	8.53
Gautami	2	464.00	46.06	213.72	0.00	0.00	6.14	-26.42	0.00	0.00	0.00	-20.28	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema	2	444.00	46.06	204.51	2.07	2.07	0.23	-73.61	0.00	0.00	0.00	-73.38	1.10	0.00	0.00	0.00	-355.35	-354.25
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		2497.00		1150.12	1859.30	1859.30	233.22	336.91	0.00	0.00	0.00	570.13	1.25	0.00	0.00	0.00	1.81	3.07
NCE																		
NCE - Bio-Mass	1	40.00	100.00	40.00	37.87	37.87		71.14				71.14	0.00	0.00	0.00	0.00	18.79	18.79
NCE - Bagasse	1	15.00	100.00	15.00	26.95	26.95		8.42				8.42	0.00	0.00	0.00	0.00	3.12	3.12
NCE - Municipal Waste to Energy	1	0.00	100.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project	1	11.00	100.00	11.00	18.22	18.22		19.06				19.06	0.00	0.00	0.00	0.00	10.46	10.46
NCE - Wind Power	1	516.95	100.00	516.95	729.87	729.87		275.06				275.06	0.00	0.00	0.00	0.00	3.77	3.77
NCE - Mini Hydel	1	20.35	100.00	20.35	82.11	82.11		45.19				45.19	0.00	0.00	0.00	0.00	5.50	5.50
NCE - NCL Energy Ltd	1	8.25	36.37	3.00	9.42	9.42		1.70				1.70	0.00	0.00	0.00	0.00	1.80	1.80
NCE-Others	1	43.75	63.08	27.60	151.78	151.78		84.95				84.95	0.00	0.00	0.00	0.00	5.60	5.60
TOTAL NCE		655.30		633.90	1056.21	1056.21	0.00	505.52	0.00	0.00	0.00	505.52	0.00	0.00	0.00	0.00	4.79	4.79
OTHERS																		
Srivathsa					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sponge Iron *					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Water Plant *					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kesoram *					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Essar Steels *					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSK Mahanadi (MT)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
MTOA Transimision Charges (KSK Mahanadi)					0.00	0.00	8.52	0.00	0.00	0.00	0.00	8.52	0.00	0.00	0.00	0.00	0.00	0.00
MTOA SLDC Charges (KSK Mahanadi)					0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS		0.00		0.00	0.00	0.00	8.79	0.00	0.00	0.00	0.00	8.79	0.00	0.00	0.00	0.00	0.00	0.00
MARKET																		
PTC					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI					0.00	0.00		21.35				21.35	0.00	0.00	0.00	0.00	0.00	0.00

Other Short Term Sources					6587.13	6587.13	0.00	3777.56	0.00	0.00	0.00	3777.56	0.00	0.00	0.00	0.00	5.73	5.73
Medium Term Sources/Traders (Medium Term)	2	400.00	46.06	184.24	751.87	751.87	115.24	197.98	0.00	0.00	0.00	313.22	1.53	0.00	0.00	0.00	2.63	4.17
APTEL Differential cost Reversal as per APERC Order					0.00	0.00		-74.45				-74.45	0.00	0.00	0.00	0.00	0.00	0.00
PROVISION FOR IREDA FOR FY 2012-13 & APTRANSCO Adjustments					0.00	0.00		-163.03				-163.03	0.00	0.00	0.00	0.00	0.00	0.00
Bi-lateral Sales(PTC etc.)					0.00	0.00		-693.05				-693.05	0.00	0.00	0.00	0.00	0.00	0.00
Pool Purchase					0.00	0.00		63.83				63.83	0.00	0.00	0.00	0.00	0.00	0.00
POSOCO SRLDC Fees and Charges					0.00	0.00	0.00	2.25	0.00	0.00	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00
UI Underdrawal, ISTand adjustments					-191.20	-191.20		-63.53				-63.53	0.00	0.00	0.00	0.00	3.32	3.32
TOTAL MARKET		400.00		184.24	7147.80	7147.80	115.24	3068.91	0.00	0.00	0.00	3184.15	0.16	0.00	0.00	0.00	4.29	4.45
TOTAL (From All Sources)		23830.79		7947.08	39125.35	39125.35	3113.19	10377.24	7.36	54.31	0.00	13552.09	0.80	0.00	0.01	0.00	2.65	3.46

1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost
Station wise, provide the total details in the empty rows in the TSGENCO Hydro stations section

2014-15

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
					Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Inctv	Inc. Tax	Others	Variable	Total
		(MW)	(%)	(MW)														
TSGENCO																		
Thermal																		
VTPS I	2	420.00	38.02	159.68	3066.44	3066.44	183.12	922.62				1105.74	0.60	0.00	0.00	0.00	3.01	3.61
VTPS II	2	420.00	38.02	159.68	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III	2	420.00	38.02	159.68	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV	2	500.00	38.02	190.10	1284.06	1284.06	191.40	371.52				562.92	1.49	0.00	0.00	0.00	2.89	4.38
RTPP I	2	420.00	38.02	159.68	898.66	898.66	84.30	323.43				407.74	0.94	0.00	0.00	0.00	3.60	4.54
RTPP Stage-II	2	420.00	38.02	159.68	1021.71	1021.71	154.96	347.83				502.79	1.52	0.00	0.00	0.00	3.40	4.92
RTPP Stage-III	2	210.00	38.02	79.84	476.99	476.99	117.53	164.95				282.49	2.46	0.00	0.00	0.00	3.46	5.92
KTPS A	2	240.00	38.02	91.25	1500.59	1500.59	138.10	386.27				524.37	0.92	0.00	0.00	0.00	2.57	3.49
KTPS B	2	240.00	38.02	91.25	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C	2	240.00	38.02	91.25	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D	2	500.00	38.02	190.10	1176.04	1176.04	83.25	244.38				327.63	0.71	0.00	0.00	0.00	2.08	2.79
KTPS Stage VI	2	500.00	38.02	190.10	1398.74	1398.74	217.36	420.78				638.15	1.55	0.00	0.00	0.00	3.01	4.56
RTS B	2	62.50	38.02	23.76	64.48	64.48	20.06	4.78				24.84	3.11	0.00	0.00	0.00	0.74	3.85
NTS	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I	2	500.00	38.02	190.10	1468.10	1468.10	251.70	335.43				587.13	1.71	0.00	0.00	0.00	2.28	4.00
Kakatiya Thermal Power Plant Stage II		600.00	70.55	423.31	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - I		0.00			0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - II		0.00			0.00	0.00												
					0.00	0.00												
					0.00	0.00												
					0.00	0.00												
					0.00	0.00												
Adv. I.Tax, Incentive, Others(20% adj)					0.00	0.00			12.61	15.88	-0.06	28.44	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL THERMAL		5692.50		2359.48	12355.83	12355.83	1441.79	3522.00	12.61	15.88	-0.06	4992.23	1.17	0.01	0.01	0.00	2.85	4.04

MACHKUND PH AP Share	1	84.00	38.02	31.94	69.21	69.21	5.59	0.00				5.59	0.81	0.00	0.00	0.00	0.00	0.81
TUNGBHADRA PH AP Share	1	57.60	38.02	21.90	51.23	51.23	3.83	0.00				3.83	0.75	0.00	0.00	0.00	0.00	0.75
USL	1	240.00	38.02	91.25	36.82	36.82	2.87	0.00				2.87	0.78	0.00	0.00	0.00	0.00	0.78
LSR	1	460.00	38.02	174.89	100.77	100.77	5.50	0.00				5.50	0.55	0.00	0.00	0.00	0.00	0.55
DONKARAYI	1	25.00	38.02	9.51	10.05	10.05	0.30	0.00				0.30	0.30	0.00	0.00	0.00	0.00	0.30
SSLM	1	770.00	38.02	292.75	35.26	35.26	10.08	0.00				10.08	2.86	0.00	0.00	0.00	0.00	2.86
NSPH	1	815.60	38.02	310.09	387.16	387.16	51.27	0.00				51.27	1.32	0.00	0.00	0.00	0.00	1.32
NSRCPH	1	90.00	38.02	34.22	0.00	0.00	0.96	0.00				0.96	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH	1	60.00	38.02	22.81	16.53	16.53	3.77	0.00				3.77	2.28	0.00	0.00	0.00	0.00	2.28
POCHAMPAD PH	1	27.00	38.02	10.27	3.45	3.45	4.81	0.00				4.81	13.94	0.00	0.00	0.00	0.00	13.94
NIZAMSAGAR PH	1	10.00	38.02	3.80	1.60	1.60	1.78	0.00				1.78	11.16	0.00	0.00	0.00	0.00	11.16
PABM	1	20.00	38.02	7.60	-0.03	-0.03	0.60	0.00				0.60	-214.78	0.00	0.00	0.00	0.00	-214.78
MINI HYDRO&OTHERS	1	1.00	38.02	0.38	0.28	0.28	0.37	0.00				0.37	13.29	0.00	0.00	0.00	0.00	13.29
SINGUR	1	15.00	38.02	5.70	2.41	2.41	3.24	0.00				3.24	13.43	0.00	0.00	0.00	0.00	13.43
SSLM LCPH	1	900.00	38.02	342.18	682.92	682.92	190.94	0.00				190.94	2.80	0.00	0.00	0.00	0.00	2.80
Nagarjunasagar Tail Pond Dam Power House	1	50.00	38.02	19.01	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share	1	234.00	38.02	88.97	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lower Jurala Hydro Electric Project	1	240.00	70.55	169.32	79.98	79.98	27.52	0.00				27.52	3.44	0.00	0.00	0.00	0.00	3.44
POCHAMPAD Stig-II	1	9.00	38.02	3.42	1.28	1.28	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
PULICHINTAL(New Project)	1	120.00	70.55	84.66	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini Hydel & Others (Peddapalli, Palair)	1	11.16	38.02	4.24	0.32	0.32	1.65	0.00				1.65	52.37	0.00	0.00	0.00	0.00	52.37
Ramagiri Wind Mills (AP)		0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pochampad Stage IV					0.31	0.31	1.89	0.00				1.89	60.39	0.00	0.00	0.00	0.00	60.39
Suppl. Allocation of 100% to TS from TSHydel					952.37	952.37						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO		4239.36		1728.92	2431.92	2431.92	316.97	0.00	0.00	0.00	0.00	316.97	1.30	0.00	0.00	0.00	0.00	1.30
TOTAL TSGENCO		9931.86		4088.39	14787.75	14787.75	1758.75	3522.00	12.61	15.88	-0.06	5309.19	1.19	0.01	0.01	0.00	2.38	3.59
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)	2	2100.00	12.51	262.68	1944.62	1944.62	109.56	478.07				587.63	0.56	0.00	0.00	0.00	2.46	3.02
NTPC (SR) Stage III	2	500.00	13.16	65.79	490.47	490.47	45.23	124.62				169.85	0.92	0.00	0.00	0.00	2.54	3.46
Total NTPC(SR)		2600.00		328.47	2435.08	2435.08	154.79	602.69	0.00	0.00	0.00	757.48	0.64	0.00	0.00	0.00	2.48	3.11
NTPC (ER)																		
Farakka					0.00	0.00	-0.06	-0.03				-0.09	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon					0.00	0.00	0.05	0.00				0.05	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1					0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2	2	2000.00	8.07	161.42	1154.23	1154.23	90.64	168.49				259.12	0.79	0.00	0.00	0.00	1.46	2.24
Others					0.00	0.00	-0.15	0.00				-0.15	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)		2000.00		161.42	1154.23	1154.23	90.48	168.46	0.00	0.00	0.00	258.93	0.78	0.00	0.00	0.00	1.46	2.24
Total NTPC		4600.00		489.89	3589.31	3589.31	245.26	771.14	0.00	0.00	0.00	1016.41	0.68	0.00	0.00	0.00	2.15	2.83
NLC TS-II																		
Stage-I		630.00	6.98	43.99	308.22	308.22	19.05	68.79				87.84	0.62	0.00	0.00	0.00	2.23	2.85
Stage-II		840.00	9.27	77.83	539.20	539.20	33.79	151.93				185.71	0.63	0.00	0.00	0.00	2.82	3.44
Total NLC		1470.00		121.82	847.41	847.41	52.84	220.71	0.00	0.00	0.00	273.55	0.62	0.00	0.00	0.00	2.60	3.23
NPC																		
NPC-MAPS		440.00	3.77	16.58	83.02	83.02	0.00	17.25				17.25	0.00	0.00	0.00	0.00	2.08	2.08
NPC-Kaiga unit I		440.00	11.72	51.58	330.83	330.83	3.75	99.01				102.76	0.11	0.00	0.00	0.00	2.99	3.11
NPC-Kaiga unit II		440.00	12.42	54.63	374.49	374.49	0.00	114.66				114.66	0.00	0.00	0.00	0.00	3.06	3.06
Total NPC		1320.00		122.79	788.34	788.34	3.75	230.93	0.00	0.00	0.00	234.67	0.05	0.00	0.00	0.00	2.93	2.98

NTPC - Simhadri																		
NTPC Simhadri Stage I	2	1000.00	38.02	380.20	2799.97	2799.97	259.43	735.25				994.68	0.93	0.00	0.00	0.00	2.63	3.55
NTPC Simhadri Stage II	2	1000.00	17.46	174.61	1232.92	1232.92	210.91	319.91				530.82	1.71	0.00	0.00	0.00	2.59	4.31
Total NTPC- Simhadri		2000.00		554.81	4032.89	4032.89	470.34	1055.16	0.00	0.00	0.00	1525.50	1.17	0.00	0.00	0.00	2.62	3.78
CGS - New																		
Vallur Thermal Power Plant	2	1500.00	6.12	91.80	307.46	307.46	55.66	59.59				115.25	1.81	0.00	0.00	0.00	1.94	3.75
NTPC NVVNL Bundled Power Coal					173.90	173.90	1.22	52.36				53.57	0.07	0.00	0.00	0.00	3.01	3.08
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS		10890.00		1381.12	9739.32	9739.32	829.07	2389.88	0.00	0.00	0.00	3218.96	0.85	0.00	0.00	0.00	2.45	3.31
APGPCL																		
APGPCL I - Allocated capacity	2	16.00	29.41	4.71	11.78	11.78	1.35	3.26				4.61	1.15	0.00	0.00	0.00	2.76	3.91
APGPCL I - Unutilised capacity	2	0.00			0.58	0.58	0.00	0.16				0.16	0.00	0.00	0.00	0.00	2.77	2.77
APGPCL II - Allocated capacity	2	42.79	29.41	12.59	39.94	39.94	1.87	10.44				12.31	0.47	0.00	0.00	0.00	2.61	3.08
APGPCL II - Unutilised capacity	2	0.00			0.52	0.52	0.00	0.14				0.14	0.00	0.00	0.00	0.00	2.61	2.61
Total APGPCL		58.79		17.29	52.82	52.82	3.22	13.99	0.00	0.00	0.00	17.22	0.61	0.00	0.00	0.00	2.65	3.26
IPPS																		
GVK	2	216.00	38.02	82.12	220.02	220.02	41.30	65.88				107.18	1.88	0.00	0.00	0.00	2.99	4.87
Spectrum	2	205.00	38.02	77.94	208.04	208.04	47.61	65.46				113.07	2.29	0.00	0.00	0.00	3.15	5.43
Kondapalli (Naphtha)		361.92	38.02	137.60	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)	2	1108.00	35.28	390.85	191.03	191.03	46.06	98.70				144.76	2.41	0.00	0.00	0.00	5.17	7.58
BSES	2	220.00	38.02	83.64	63.53	63.53	4.55	15.99				20.55	0.72	0.00	0.00	0.00	2.52	3.23
GVK Extension	2	220.00	38.02	83.64	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri	2	370.00	38.02	140.67	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami	2	464.00	38.02	176.41	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema	2	444.00	38.02	168.81	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		3608.92		1341.70	682.61	682.61	139.52	246.04	0.00	0.00	0.00	385.56	2.04	0.00	0.00	0.00	3.60	5.65
NCE																		
NCE - Bio-Mass	1				46.31	46.31	3.13	25.11				28.24	0.68	0.00	0.00	0.00	5.42	6.10
NCE - Bagasse	1				41.80	41.80	2.47	14.95				17.42	0.59	0.00	0.00	0.00	3.58	4.17
NCE - Municipal Waste to Energy	1				32.72	32.72	0.00	19.16				19.16	0.00	0.00	0.00	0.00	5.85	5.85
NCE - Industrial Waste based power project	1				0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power	1				3.84	3.84	1.36	0.00				1.36	3.54	0.00	0.00	0.00	0.00	3.54
NCE - Mini Hydel	1				3.93	3.93	0.00	0.73				0.73	0.00	0.00	0.00	0.00	1.84	1.84
NCE - NCL Energy Ltd	1				0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others					72.36	72.36	0.21	67.67	-10.63			57.25	0.03	-1.47	0.00	0.00	9.35	7.91
TOTAL NCE		0.00		0.00	200.96	200.96	7.17	127.61	-10.63	0.00	0.00	124.15	0.36	-0.53	0.00	0.00	6.35	6.18
OTHERS																		
Srivathsa					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sponge Iron					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Water Plant					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00

Kesoram					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Essar steels					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSK Mahanadi (MT)	2	400.00	38.02	152.08	1083.45	1083.45	163.59	249.19				412.78	1.51	0.00	0.00	0.00	2.30	3.81
Hinduja					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
RLNG					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS		400.00		152.08	1083.45	1083.45	163.59	249.19	0.00	0.00	0.00	412.78	1.51	0.00	0.00	0.00	2.30	3.81
MARKET																		
PTC					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
APSPDCL					123.78	123.78		43.82				43.82	0.00	0.00	0.00	0.00	3.54	3.54
UI					388.89	388.89	0.00	127.41				127.41	0.00	0.00	0.00	0.00	3.28	3.28
Other Short Term Sources					6517.64	6517.64	152.70	3374.10				3526.81	0.23	0.00	0.00	0.00	5.18	5.41
Reactive Charges					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
0					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bi-lateral Sales(PTC etc.)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
POSOCO charges					0.00	0.00		5.17				5.17	0.00	0.00	0.00	0.00	0.00	0.00
Pool Purchase					558.14	558.14		179.70				179.70	0.00	0.00	0.00	0.00	3.22	3.22
Pool Sales					-250.31	-250.31		-190.61				-190.61	0.00	0.00	0.00	0.00	7.62	7.62
TOTAL MARKET		0.00		0.00	7338.15	7338.15	152.70	3539.59	0.00	0.00	0.00	3692.30	0.21	0.00	0.00	0.00	4.82	5.03
TOTAL (From All Sources)		24889.57		6980.58	33885.06	33885.06	3054.03	10088.32	1.98	15.88	-0.06	13160.15	0.90	0.00	0.00	0.00	2.98	3.88

1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost
Station wise, provide the total details in the empty rows in the TSGENCO Hydro stations section saying ALL TSGENCO Hydro (Combined)

2015-16

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
							Fixed	Variable	Incentive	ncome Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total
		(MW)	(%)	(MW)	Net Availability	Dispatch												
TSGENCO																		
Thermal																		
VTPS I	2	420.00	38.02	159.68	3203.32	3203.32	173.78	1025.67				1199.45	0.54	0.00	0.00	0.00	3.20	3.74
VTPS II	2	420.00	38.02	159.68	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III	2	420.00	38.02	159.68	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV	2	500.00	38.02	190.10	1118.44	1118.44	186.12	337.00				523.12	1.66	0.00	0.00	0.00	3.01	4.68
RTPP I	2	420.00	38.02	159.68	1042.94	1042.94	85.31	364.01				449.32	0.82	0.00	0.00	0.00	3.49	4.31
RTPP Stage-II	2	420.00	38.02	159.68	1071.91	1071.91	157.46	360.18				517.64	1.47	0.00	0.00	0.00	3.36	4.83
RTPP Stage-III	2	210.00	38.02	79.84	514.99	514.99	106.54	175.41				281.95	2.07	0.00	0.00	0.00	3.41	5.47
KTPS A	2	240.00	38.02	91.25	1486.13	1486.13	148.37	374.90				523.27	1.00	0.00	0.00	0.00	2.52	3.52
KTPS B	2	240.00	38.02	91.25	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C	2	240.00	38.02	91.25	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D	2	500.00	38.02	190.10	1204.25	1204.25	89.78	249.70				339.48	0.75	0.00	0.00	0.00	2.07	2.82
KTPS Stage VI	2	500.00	38.02	190.10	824.54	824.54	220.15	216.77				436.92	2.67	0.00	0.00	0.00	2.63	5.30
RTS B	2	62.50	38.02	23.76	138.27	138.27	18.29	37.32				55.61	1.32	0.00	0.00	0.00	2.70	4.02
NTS	2	0.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I	2	500.00	38.02	190.10	977.72	977.72	220.07	240.75				460.82	2.25	0.00	0.00	0.00	2.46	4.71
Kakatiya Thermal Power Plant Stage II	2	600.00	70.55	423.30	229.04	229.04	75.41					75.41	3.29	0.00	0.00	0.00	0.00	3.29
Damodaram Sanjeevaiah Thermal power plant - I				0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - II				0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thermal Incentive 2015-16					0.00	0.00			0.27			0.27	0.00	0.00	0.00	0.00	0.00	0.00

TSGENCO Thermal True-up 2015-16					0.00	0.00	-9.86						-9.86	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL THERMAL		5692.50		2359.47	11811.54	11811.54	1471.41	3381.72	0.27	0.00	0.00	4853.40	1.25	0.00	0.00	0.00	2.86	4.11	
MACHKUND PH TS Share	1	84.00	38.02	31.94	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TUNGBHADRA PH TSShare	1	57.60	38.02	21.90	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
USL	1	240.00	38.02	91.25	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR	1	460.00	38.02	174.89	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI	1	25.00	38.02	9.51	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM	1	770.00	38.02	292.75	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH	1	815.00	38.02	309.86	62.11	62.11	98.60					98.60	15.87	0.00	0.00	0.00	0.00	0.00	15.87
NSRCPH	1	90.00	38.02	34.22	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH	1	60.00	38.02	22.81	0.00	0.00	7.25					7.25	-131812.91	0.00	0.00	0.00	0.00	0.00	-131812.91
POCHAMPAD PH	1	27.00	38.02	10.27	-0.13	-0.13	8.16					8.16	-650.92	0.00	0.00	0.00	0.00	0.00	-650.92
NIZAMSAGAR PH	1	10.00	38.02	3.80	-0.13	-0.13	3.02					3.02	-224.22	0.00	0.00	0.00	0.00	0.00	-224.22
PABM	1	20.00	38.02	7.60	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS	1	1.00	38.02	0.38	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR	1	15.00	38.02	5.70	-0.19	-0.19	4.53					4.53	-237.05	0.00	0.00	0.00	0.00	0.00	-237.05
SSLM LCPH	1	900.00	38.02	342.18	103.71	103.71	333.91					333.91	32.20	0.00	0.00	0.00	0.00	0.00	32.20
Nagarjunasagar Tail Pond Dam Power House	1	50.00	38.02	19.01	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- TS Share	1	234.00	19.01	44.48	14.25	14.25	43.32					43.32	30.40	0.00	0.00	0.00	0.00	0.00	30.40
Lower Jurala Hydro Electric Project	1	240.00	70.55	169.32	1.88	1.88	14.16					14.16	75.29	0.00	0.00	0.00	0.00	0.00	75.29
POCHAMPAD Stig-II	1	9.00	38.02	3.42	0.00	0.00	3.77					3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PULICHINTAL(New Project)	1	120.00	70.55	84.66	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini Hydel & Others (Peddapalli, Palair)	1	11.16	38.02	4.24	0.00	0.00	4.16					4.16	29927.87	0.00	0.00	0.00	0.00	0.00	29927.87
APGENCO HYDEL				0.00	73.78	73.78	9.71	0.00				9.71	1.32	0.00	0.00	0.00	0.00	0.00	1.32
Lower Jurala Hydro Electric Project Unit-II					4.21	4.21	15.36					15.36	36.46	0.00	0.00	0.00	0.00	0.00	36.46
TSGENCO Hydel True-up 2014-15					0.00	0.00	-35.69					-35.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TSGENCO Hydel 100% alloc. 2014-15					0.00	0.00	201.27					201.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO		4238.76		1684.20	259.50	259.50	711.55	0.00	0.00	0.00	0.00	711.55	27.42	0.00	0.00	0.00	0.00	0.00	27.42
TOTAL TSGENCO		9931.26		4043.67	12071.04	12071.04	2182.96	3381.72	0.27	0.00	0.00	5564.95	1.81	0.00	0.00	0.00	2.80	4.61	
Central Generating Stations																			
NTPC																			
NTPC (SR)																			
NTPC (SR)	2	2100.00	12.51	262.71	1675.76	1675.76	81.58	373.57				455.15	0.49	0.00	0.00	0.00	0.00	2.23	2.72
NTPC (SR) Stage III	2	500.00	13.16	65.80	407.15	407.15	34.34	91.09				125.43	0.84	0.00	0.00	0.00	0.00	2.24	3.08
Total NTPC(SR)		2600.00		328.51	2082.91	2082.91	115.92	464.66	0.00	0.00	0.00	580.59	0.56	0.00	0.00	0.00	0.00	2.23	2.79
NTPC (ER)																			
Farakka					0.00	0.00	-0.01	0.00				-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaoon					0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1					0.00	0.00	0.01	0.00				0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2	2	2000.00	8.07	161.40	1128.98	1128.98	81.27	145.79				227.06	0.72	0.00	0.00	0.00	0.00	1.29	2.01
Others					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)		2000.00		161.40	1128.98	1128.98	81.27	145.79	0.00	0.00	0.00	227.06	0.72	0.00	0.00	0.00	0.00	1.29	2.01
Total NTPC		4600.00		489.91	3211.89	3211.89	197.19	610.45	0.00	0.00	0.00	807.65	0.61	0.00	0.00	0.00	1.90	2.51	
NLC TS-II																			
Stage-I	2	630.00	6.98	43.97	259.07	259.07	17.57	61.10				78.67	0.68	0.00	0.00	0.00	0.00	2.36	3.04
Stage-II	2	840.00	9.27	77.87	444.82	444.82	31.55	105.02				136.56	0.71	0.00	0.00	0.00	0.00	2.36	3.07

Total NLC		1470.00		121.84	703.89	703.89	49.12	166.12	0.00	0.00	0.00	215.24	0.70	0.00	0.00	0.00	2.36	3.06
NPC																		
NPC-MAPS	1	440.00	3.77	16.59	102.98	102.98	0.00	21.50				21.50	0.00	0.00	0.00	0.00	2.09	2.09
NPC-Kaiga unit I	1	440.00	11.72	51.57	396.09	396.09	0.00	120.09				120.09	0.00	0.00	0.00	0.00	3.03	3.03
NPC-Kaiga unit II	1	440.00	12.42	54.65	432.98	432.98	4.86	131.28				136.13	0.11	0.00	0.00	0.00	3.03	3.14
Total NPC		1320.00		122.80	932.05	932.05	4.86	272.86	0.00	0.00	0.00	277.72	0.05	0.00	0.00	0.00	2.93	2.98
NTPC - Simhadri																		
NTPC Simhadri Stage I	2	1000.00	38.02	380.20	2457.61	2457.61	264.45	593.33				857.78	1.08	0.00	0.00	0.00	2.41	3.49
NTPC Simhadri Stage II	2	1000.00	17.46	174.60	958.22	958.22	145.19	228.98				374.17	1.52	0.00	0.00	0.00	2.39	3.90
Total NTPC- Simhadri		2000.00		554.80	3415.83	3415.83	409.64	822.31	0.00	0.00	0.00	1231.95	1.20	0.00	0.00	0.00	2.41	3.61
CGS - New																		
Vallur Thermal Power Plant	2	1500.00	5.43	81.45	370.27	370.27	62.61	73.42				136.03	1.69	0.00	0.00	0.00	1.98	3.67
NTPC ARAVALI POWER					1210.84	1210.84	254.44	430.43				684.87	2.10	0.00	0.00	0.00	3.55	5.66
NLC Tamilnadu Power Ltd					290.24	290.24	50.69	67.19				117.88	1.75	0.00	0.00	0.00	2.31	4.06
NVVNL B.P. Coal					238.01	238.01	1.67	65.34				67.00	0.07	0.00	0.00	0.00	2.75	2.82
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS		10890.00		1370.81	10373.03	10373.03	1030.21	2508.12	0.00	0.00	0.00	3538.33	0.99	0.00	0.00	0.00	2.42	3.41
APGPCL																		
APGPCL I - Allocated capacity	2	6.67	70.55	4.71	10.05	10.05	0.56	3.20				3.76	0.56	0.00	0.00	0.00	3.18	3.74
APGPCL I - Unutilised capacity	2	0.00		0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity	2	17.84	70.55	12.59	35.48	35.48	1.23	10.15				11.38	0.35	0.00	0.00	0.00	2.86	3.21
APGPCL II - Unutilised capacity	2	0.00		0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL		24.51		17.29	45.52	45.52	1.80	13.35	0.00	0.00	0.00	15.14	0.39	0.00	0.00	0.00	2.93	3.33
IPPS																		
GVK	2	216.00	38.02	82.12	64.55	64.55	9.81	18.31				28.13	1.52	0.00	0.00	0.00	2.84	4.36
Spectrum	2	205.00	38.02	77.94	177.29	177.29	41.60	49.35				90.95	2.35	0.00	0.00	0.00	2.78	5.13
Kondapalli (Naphtha)	2	361.92	38.02	137.60	72.31	72.31	34.89	22.66				57.55	4.82	0.00	0.00	0.00	3.13	7.96
Kondapalli (Gas)	2	1108.00	35.28	390.90	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES	2	220.00	38.02	83.64	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension	2	220.00	38.02	83.64	45.18	45.18	0.00	21.23				21.23	0.00	0.00	0.00	0.00	4.70	4.70
Vemagiri	2	370.00	38.02	140.67	59.62	59.62	6.66	23.70				30.36	1.12	0.00	0.00	0.00	3.98	5.09
Gautami	2	464.00	38.02	176.41	78.15	78.15	4.50	26.44				30.94	0.58	0.00	0.00	0.00	3.38	3.96
Konaseema	2	444.00	38.02	168.81	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		3608.92		1341.75	497.10	497.10	97.46	161.70	0.00	0.00	0.00	259.17	1.96	0.00	0.00	0.00	3.25	5.21
NCE																		
NCE - Bio-Mass	1	51.00	21.99	11.21	40.61	40.61	28.20				-1.55	26.64	6.94	0.00	0.00	-0.38	0.00	6.56
NCE - Bagasse	1	73.80	43.86	32.37	25.15	25.15	10.22					10.22	4.06	0.00	0.00	0.00	0.00	4.06
NCE - Municipal Waste to Energy	1	6.60	35.48	2.34	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project	1	11.00	100.00	11.00	38.18	38.18	23.96					23.96	6.28	0.00	0.00	0.00	0.00	6.28
NCE - Wind Power	1	0.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel	1	7.55	65.03	4.91	0.11	0.11	0.02					0.02	2.17	0.00	0.00	0.00	0.00	2.17
NCE - NCL Energy Ltd	1	0.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	1	150.00	93.37	140.06	172.60	172.60	106.77	39.49			-9.47	136.79	6.19	0.00	0.00	-0.55	2.29	7.93
TOTAL NCE		299.95		201.89	276.65	276.65	169.17	39.49	0.00	0.00	-11.03	197.64	6.12	0.00	0.00	-0.40	1.43	7.14

OTHERS																		
Srivathsa					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSK Mahanadi (MT)	2	400.00	38.02	152.08	1583.15	1583.15		591.34				591.34	0.00	0.00	0.00	0.00	3.74	3.74
Hinduja	2			0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thermal Power Unit 1	2	500.00	38.02	190.10	1418.52	1418.52	282.52	252.65				535.17	1.99	0.00	0.00	0.00	1.78	3.77
Thermal Power Unit 2		600.00	70.55	423.30	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS		1500.00		765.48	3001.67	3001.67	282.52	843.98	0.00	0.00	0.00	1126.50	0.94	0.00	0.00	0.00	2.81	3.75
MARKET																		
PTC					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI					288.22	288.22	0.00	-17.75				-17.75	0.00	0.00	0.00	0.00	-0.62	-0.62
Other Short Term Sources					8188.77	8188.77	0.00	4582.96				4582.96	0.00	0.00	0.00	0.00	5.60	5.60
Puducherry reactive charges					0.00	0.00	0.01	0.00				0.01	0.00	0.00	0.00	0.00	0.00	0.00
Wheeling KPTCL					0.00	0.00	2.76	0.00				2.76	0.00	0.00	0.00	0.00	0.00	0.00
Wheeling Tantransco/Asset Maintenance					0.00	0.00	0.18	0.00				0.18	0.00	0.00	0.00	0.00	0.00	0.00
Reactive					0.00	0.00	2.77	0.00				2.77	0.00	0.00	0.00	0.00	0.00	0.00
STOA/Others					0.00	0.00	198.22	7.90				206.12	0.00	0.00	0.00	0.00	0.00	0.00
Conjestion charges					0.00	0.00	0.00	0.14				0.14	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET		0.00		0.00	8476.99	8476.99	203.95	4573.24	0.00	0.00	0.00	4777.19	0.24	0.00	0.00	0.00	5.39	5.64
TOTAL (From All Sources)		26254.64		7740.89	34742.02	34742.02	3968.06	11521.60	0.27	0.00	-11.03	15478.91	1.14	0.00	0.00	0.00	3.32	4.46

Note:

- 1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
- 2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost
Station wise, provide the total details in the empty rows in the TSGENCO Hydro stations section

2016-17

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
		(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total
TSGENCO																		
Thermal																		
VTPS I	2	420.00	38.02	159.68	3046.01	3046.01	249.42	942.25	-	-	-	1191.68	0.82	0.00	0.00	0.00	3.09	3.91
VTPS II	2	420.00	38.02	159.68	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III	2	420.00	38.02	159.68	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV	2	500.00	38.02	190.10	1449.76	1449.76	179.04	402.37	-	-	-	581.41	1.23	0.00	0.00	0.00	2.78	4.01
RTPP I	2	420.00	38.02	159.68	1100.03	1100.03	101.77	393.62	-	-	-	495.40	0.93	0.00	0.00	0.00	3.58	4.50
RTPP Stage-II	2	420.00	38.02	159.68	1103.06	1103.06	161.58	393.93	-	-	-	555.51	1.46	0.00	0.00	0.00	3.57	5.04
RTPP Stage-III	2	210.00	38.02	79.84	567.50	567.50	108.30	203.08	-	-	-	311.39	1.91	0.00	0.00	0.00	3.58	5.49
KTPS A	2	240.00	38.02	91.25	1191.86	1191.86	147.52	322.79	-			470.31	1.24	0.00	0.00	0.00	2.71	3.95
KTPS B	2	240.00	38.02	91.25	0.00	0.00			-			0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C	2	240.00	38.02	91.25	0.00	0.00			-			0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D	2	500.00	38.02	190.10	969.82	969.82	84.20	215.69	-			299.89	0.87	0.00	0.00	0.00	2.22	3.09
KTPS Stage VI	2	500.00	38.02	190.10	960.33	960.33	207.78	256.24	-			464.02	2.16	0.00	0.00	0.00	2.67	4.83

RTS B	2	62.50	38.02	23.76	153.55	153.55	19.32	46.87	-			66.18	1.26	0.00	0.00	0.00	3.05	4.31
NTS	2	0.00	0.00	0.00	0.00	0.00			-			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I	2	500.00	38.02	190.10	925.82	925.82	207.65	237.46	-			445.10	2.24	0.00	0.00	0.00	2.56	4.81
Kakatiya Thermal Power Plant Stage II	2	600.00	70.55	423.30	2234.24	2234.24	596.91	555.72	-	-	-	1152.63	2.67	0.00	0.00	0.00	2.49	5.16
Interest on Pension Bonds(TS GENCO)					0.00	0.00	611.03	17.89	-	-	-	628.92	0.00	0.00	0.00	0.00	0.00	0.00
Interest on Pension Bonds(AP GENCO)					0.00	0.00	683.07	-0.91	-	-	-	682.16	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL THERMAL		5692.50		2359.47	13701.96	13701.96	3357.61	3986.99	0.00	0.00	0.00	7344.60	2.45	0.00	0.00	0.00	2.91	5.36
MACHKUND PH TS Share	1	84.00	38.02	31.94	66.62	66.62	17.71	0.00	-	-	-	17.71	2.66	0.00	0.00	0.00	0.00	2.66
TUNGBHADRA PH TSShare	1	57.60	38.02	21.90	3.10	3.10			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
USL	1	240.00	38.02	91.25	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR	1	460.00	38.02	174.89	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI	1	25.00	38.02	9.51	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM	1	770.00	38.02	292.75	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH	1	815.00	38.02	309.86	126.70	126.70	93.22		-	-	-	93.22	7.36	0.00	0.00	0.00	0.00	7.36
NSRCPH	1	90.00	38.02	34.22	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH	1	60.00	38.02	22.81	0.00	0.00	6.86		-	-	-	6.86	-4860000	0.00	0.00	0.00	0.00	-4860000
POCHAMPAD PH	1	27.00	38.02	10.27	38.49	38.49	11.60		-	-	-	11.60	3.01	0.00	0.00	0.00	0.00	3.01
NIZAMSAGAR PH	1	10.00	38.02	3.80	7.94	7.94	4.30		-	-	-	4.30	5.41	0.00	0.00	0.00	0.00	5.41
PABM	1	20.00	38.02	7.60	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS	1	1.00	38.02	0.38	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR	1	15.00	38.02	5.70	6.12	6.12	6.44		-	-	-	6.44	10.52	0.00	0.00	0.00	0.00	10.52
SSLM LCPH	1	900.00	38.02	342.18	430.38	430.38	325.35		-	-	-	325.35	7.56	0.00	0.00	0.00	0.00	7.56
Nagarjunasagar Tail Pond Dam Power House	1	50.00	38.02	19.01	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project-TSShare	1	234.00	19.01	44.48	63.23	63.23	41.60		-	-	-	41.60	6.58	0.00	0.00	0.00	0.00	6.58
Lower Jurala Hydro Electric Project	1	240.00	70.55	169.32	105.63	105.63	137.06		-	-	-	137.06	12.98	0.00	0.00	0.00	0.00	12.98
POCHAMPAD PH Stage 2	1	9.00	38.02	3.42	10.74	10.74	0.00		-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PULICHINTAL(New Project)	1	120.00	70.55	84.66	9.21	9.21	5.47		-	-	-	5.47	5.94	0.00	0.00	0.00	0.00	5.94
Mini hydel & others	1	11.16	38.02	4.24	2.84	2.84	1.56		-	-	-	1.56	5.49	0.00	0.00	0.00	0.00	5.49
Ramagiri wind mills					0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pochampad St. iIV (New)					2.89	2.89	3.74					3.74	12.93	0.00	0.00	0.00	0.00	12.93
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO		4238.76		1684.20	873.91	873.91	654.91	0.00	0.00	0.00	0.00	654.91	7.49	0.00	0.00	0.00	0.00	7.49
TOTAL TSGENCO		9931.26		4043.67	14575.88	14575.88	4012.52	3986.99	0.00	0.00	0.00	7999.51	2.75	0.00	0.00	0.00	2.74	5.49
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)	2	2100.00	12.51	262.68	1672.69	1672.69	-18.19	364.09	-	-	-	345.89	-0.11	0.00	0.00	0.00	2.18	2.07
NTPC (SR) Stage III	2	500.00	13.16	65.79	413.67	413.67	38.65	90.61	-	-	-	129.26	0.93	0.00	0.00	0.00	2.19	3.12
Total NTPC(SR)		2600.00		328.47	2086.37	2086.37	20.46	454.70	0.00	0.00	0.00	475.16	0.10	0.00	0.00	0.00	2.18	2.28
NTPC (ER)																		
Farakka		-	-		0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon		-	-		0.00	0.00	0.07	0.00				0.07	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1		-	-		0.00	0.00	0.03	0.00				0.03	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2	2	2000.00	8.07	161.42	1080.71	1080.71	88.91	186.22				275.12	0.82	0.00	0.00	0.00	1.72	2.55
Others		-	-		0.00	0.00					-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)		2000.00		161.42	1080.71	1080.71	89.00	186.22	0.00	0.00	0.00	275.22	0.82	0.00	0.00	0.00	1.72	2.55
Total NTPC		4600.00		489.89	3167.08	3167.08	109.46	640.92	0.00	0.00	0.00	750.38	0.35	0.00	0.00	0.00	2.02	2.37

NLC TS-II																		
Stage-I	2	630.00	6.98	43.99	225.15	225.15	29.18	141.40		-	-	170.59	1.30	0.00	0.00	0.00	6.28	7.58
Stage-II	2	840.00	9.27	77.83	399.03	399.03	29.32	106.55		-	-	135.86	0.73	0.00	0.00	0.00	2.67	3.40
Total NLC		1470.00		121.82	624.18	624.18	58.50	247.95	0.00	0.00	0.00	306.45	0.94	0.00	0.00	0.00	3.97	4.91
NPC																		
NPC-MAPS	1	440.00	3.77	16.58	98.65	98.65	0.00	22.09				22.09	0.00	0.00	0.00	0.00	2.24	2.24
NPC-Kaiga unit I	1	440.00	11.72	51.58	350.93	350.93	0.00	119.27				119.27	0.00	0.00	0.00	0.00	3.40	3.40
NPC-Kaiga unit II	1	440.00	12.42	54.63	327.71	327.71	0.00	102.35				102.35	0.00	0.00	0.00	0.00	3.12	3.12
Total NPC		1320.00		122.79	777.30	777.30	0.00	243.71	0.00	0.00	0.00	243.71	0.00	0.00	0.00	0.00	3.14	3.14
NTPC - Simhadri																		
NTPC Simhadri Stage I	2	1000.00	38.02	380.19	2603.17	2603.17	243.72	721.01		-	-	964.73	0.94	0.00	0.00	0.00	2.77	3.71
NTPC Simhadri Stage II	2	1000.00	17.46	174.61	863.48	863.48	191.23	239.11		-	-	430.34	2.21	0.00	0.00	0.00	2.77	4.98
Total NTPC- Simhadri		2000.00		554.81	3466.65	3466.65	434.95	960.12	0.00	0.00	0.00	1395.07	1.25	0.00	0.00	0.00	2.77	4.02
CGS - New																		
Vallur Thermal Power Plant	2	1500.00	6.12	91.80	421.84	421.84	91.55	105.34				196.89	2.17	0.00	0.00	0.00	2.50	4.67
NTPC Aravalli Power	2				52.70	52.70	13.44	30.35				43.79	2.55	0.00	0.00	0.00	5.76	8.31
NLC Tamilnadu Power Ltd.	2	1,000	11%	108.26	530.05	530.05	98.79	137.02				235.82	1.86	0.00	0.00	0.00	2.59	4.45
NVVNL B.P.Coal					226.94	226.94	1.59	69.36				70.95	0.07	0.00	0.00	0.00	3.06	3.13
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS		11890.00		1489.35	9266.75	9266.75	808.29	2434.77	0.00	0.00	0.00	3243.06	0.87	0.00	0.00	0.00	2.63	3.50
APGPCL																		
APGPCL I - Allocated capacity	2	6.67	70.55	4.71	9.40	9.40	1.25	2.45	-	-	-	3.70	1.33	0.00	0.00	0.00	2.61	3.94
APGPCL I - Unutilised capacity	2	0.00		0.00	0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity	2	17.84	70.55	12.59	33.27	33.27	1.83	7.80	-	-	-	9.63	0.55	0.00	0.00	0.00	2.35	2.90
APGPCL II - Unutilised capacity	2	0.00		0.00	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Apgpcl		24.51		17.29	42.67	42.67	3.08	10.25	0.00	0.00	0.00	13.34	0.72	0.00	0.00	0.00	2.40	3.13
IPPS																		
GVK	2				0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum	2				0.00	0.00	0.00	3.73	-	-	-	3.73	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)	2				0.00	0.00			-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)	2				0.00	0.00	62.04	0.06			-	62.11	0.00	0.00	0.00	0.00	0.00	0.00
BSES	2				0.00	0.00					-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension	1				0.00	0.00					-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri	2				0.00	0.00	1.10	-0.78	-	-	-	0.31	0.00	0.00	0.00	0.00	0.00	0.00
Gautami	2				0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema	2				0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		0.00		0.00	0.00	0.00	63.14	3.01	0.00	0.00	0.00	66.15	0.00	0.00	0.00	0.00	0.00	0.00
NCE																		
NCE - Bio-Mass	1	28.00	100%	28.00	48.62	48.62	28.14				-3.22	24.92	5.79	0.00	0.00	-0.66	0.00	5.13
NCE - Bagasse	1	15.00	100%	15.00	8.28	8.28	2.98					2.98	3.60	0.00	0.00	0.00	0.00	3.60
NCE - Municipal Waste to Energy	1	0.00	100%	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project	1	7.50	100%	7.50	12.17	12.17	7.11					7.11	5.85	0.00	0.00	0.00	0.00	5.85
NCE - Wind Power	1	100.80	100%	100.80	207.24	207.24	97.30					97.30	4.70	0.00	0.00	0.00	0.00	4.70
NCE - Mini Hydel	1	1.55	100%	1.55	1.68	1.68	0.38					0.38	2.29	0.00	0.00	0.00	0.00	2.29
NCE - NCL Energy Ltd	1	0.00	100%	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	1	767.74	100%	767.74	960.28	960.28	649.38	39.47			-8.61	680.24	6.76	0.00	0.00	-0.09	0.41	7.08
TOTAL NCE		920.59		920.59	1238.28	1238.28	785.30	39.47	0.00	0.00	-11.82	812.95	6.34	0.00	0.00	-0.10	0.32	6.57

OTHERS																		
Srivathsa					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni-I	2	600.00	61.73	370.39	1677.48	1677.48	213.37	323.56				536.93	1.27	0.00	0.00	0.00	1.93	3.20
Singareni II	2	600.00	61.73	370.39	1054.32	1054.32	146.24	317.61				463.85	1.39	0.00	0.00	0.00	3.01	4.40
Thermal Power Unit 1	2	500.00	38.02	190.10	1349.00	1349.00	232.94	248.11				481.06	1.73	0.00	0.00	0.00	1.84	3.57
Thermal Power Unit 2	2	570.00	70.55	402.14	2950.15	2950.15	743.63	548.22				1291.85	2.52	0.00	0.00	0.00	1.86	4.38
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS		2270.00		1333.01	7030.96	7030.96	1336.18	1437.50	0.00	0.00	0.00	2773.68	1.90	0.00	0.00	0.00	2.04	3.94
MARKET																		
PTC					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI					281.92	281.92	0.00	16.63				16.63	0.00	0.00	0.00	0.00	0.59	0.59
Other Short Term Sources					4365.00	4365.00	0.00	2040.98				2040.98	0.00	0.00	0.00	0.00	4.68	4.68
STOA charges					0.00	0.00		232.88				232.88	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
IBSS 15-16					0.00	0.00		172.88				172.88	0.00	0.00	0.00	0.00	0.00	0.00
IBSS 14-15					0.00	0.00		2.17				2.17	0.00	0.00	0.00	0.00	0.00	0.00
PP cost provision 16-17					0.00	0.00		15.38				15.38	0.00	0.00	0.00	0.00	0.00	0.00
Interstate sale					0.00	0.00		-24.02				-24.02	0.00	0.00	0.00	0.00	0.00	0.00
Others (RRAs, GBI, Penalty for non-booking corridor by TPCIL)					0.00	0.00		-61.77				-61.77	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET		0.00		0.00	4646.92	4646.92	0.00	2395.12	0.00	0.00	0.00	2395.12	0.00	0.00	0.00	0.00	5.15	5.15
TOTAL (From All Sources)		25036.36		7803.91	36801.46	36801.46	7008.51	10307.11	0.00	0.00	-11.82	17303.80	1.90	0.00	0.00	0.00	2.80	4.70

Note:
1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost
Station wise, provide the total details in the empty rows in the TSGENCO Hydro stations section

2017-18

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
		(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total
TSGENCO																		
Thermal																		
VTPS I	2	420	38%	159.68	186.79	186.79	16.17	56.61	0.00	0.00	8.16	80.94	0.87	0.00	0.00	0.44	3.03	4.33
VTPS II	2	420	38%	159.68	186.79	186.79	16.17	56.61	0.00	0.00	8.16	80.94	0.87	0.00	0.00	0.44	3.03	4.33
VTPS III	2	420	38%	159.68	186.79	186.79	16.17	56.61	0.00	0.00	8.16	80.94	0.87	0.00	0.00	0.44	3.03	4.33
VTPS IV	2	500	38%	190.10	269.65	269.65	34.81	78.95	0.00	0.00	9.72	123.48	1.29	0.00	0.00	0.36	2.93	4.58
RTPP I	2	420	38%	159.68	204.57	204.57	19.79	83.88	0.00	0.00	8.16	111.84	0.97	0.00	0.00	0.40	4.10	5.47
RTPP Stage-II	2	420	38%	159.68	211.99	211.99	31.42	87.14	0.00	0.00	8.16	126.72	1.48	0.00	0.00	0.39	4.11	5.98
RTPP Stage-III	2	210	38%	79.84	92.94	92.94	21.06	38.04	0.00	0.00	4.08	63.18	2.27	0.00	0.00	0.44	4.09	6.80
KTPS A	2	240	38%	91.25	671.37	671.37	121.20	175.23	0.00	0.00	22.28	318.71	1.81	0.00	0.00	0.33	2.61	4.75

KTPS B	2	240	38%	91.25	788.57	788.57	121.20	203.13	0.00	0.00	22.28	346.60	1.54	0.00	0.00	0.28	2.58	4.40
KTPS C	2	240	38%	91.25	788.57	788.57	121.20	203.13	0.00	0.00	22.28	346.61	1.54	0.00	0.00	0.28	2.58	4.40
KTPS D	2	500	38%	190.10	1714.84	1714.84	178.38	405.88	0.00	0.00	46.41	630.68	1.04	0.00	0.00	0.27	2.37	3.68
KTPS Stage VI	2	500	38%	190.10	1767.31	1705.10	340.95	471.65	0.00	0.00	46.41	859.02	2.00	0.00	0.00	0.27	2.77	5.04
RTS B	2	63	38%	23.76	250.66	250.66	33.60	67.12	0.00	0.00	5.80	106.52	1.34	0.00	0.00	0.23	2.68	4.25
NTS	2	-	38%	0.00	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I	2	500	38%	190.10	1841.10	1841.10	352.49	468.83	0.00	0.00	46.41	867.74	1.91	0.00	0.00	0.25	2.55	4.71
Kakatiya Thermal Power Plant Stage II	2	600	71%	423.30	2554.56	2554.56	545.01	624.23	0.00	0.00	0.00	1169.24	2.13	0.00	0.00	0.00	2.44	4.58
BTPS (Manuguru New Project)	2	-	71%	0.00	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS VII	2	-	71%	0.00	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL THERMAL		5692.50		2359.44	11716.48	11654.27	1969.61	3077.02	0.00	0.00	266.50	5313.14	1.69	0.00	0.00	0.23	2.64	4.56
MACHKUND PH TS Share	1	84.00	38.02	31.94	46.04	46.04	5.32	0.00	0.00	0.00	0.00	5.32	1.16	0.00	0.00	0.00	0.00	1.16
TUNGBHADRA PH TS Share	1	57.60	38.02	21.90	1.56	1.56	2.63	0.00	0.00	0.00	0.00	2.63	16.81	0.00	0.00	0.00	0.00	16.81
USL	1	240.00	38.02	91.25	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR	1	460.00	38.02	174.89	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI	1	25.00	38.02	9.51	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM	1	770.00	38.02	292.75	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH	1	815.00	38.02	309.86	89.99	89.99	93.98	0.00	0.00	0.00	75.71	169.70	10.44	0.00	0.00	8.41	0.00	18.86
NSRCPH	1	90.00	38.02	34.22	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH	1	60.00	38.02	22.81	23.97	23.97	6.91	0.00	0.00	0.00	5.57	12.48	2.88	0.00	0.00	2.32	0.00	5.21
POCHAMPAD PH	1	27.00	38.02	10.27	20.93	20.93	8.55	0.00	0.00	0.00	2.51	11.05	4.08	0.00	0.00	1.20	0.00	5.28
NIZAMSAGAR PH	1	10.00	38.02	3.80	14.98	14.98	4.81	0.00	0.00	0.00	0.93	5.74	3.21	0.00	0.00	0.62	0.00	3.83
PABM	1	20.00	38.02	7.60	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS	1	1.00	38.02	0.38	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR	1	15.00	38.02	5.70	9.83	9.83	7.21	0.00	0.00	0.00	1.39	8.60	7.34	0.00	0.00	1.42	0.00	8.75
SSLM LCPH	1	900.00	38.02	342.18	556.04	556.04	319.98	0.00	0.00	0.00	83.55	403.53	5.75	0.00	0.00	1.50	0.00	7.26
Nagarjunasagar Tail Pond Dam Power House	1	50.00	38.02	19.01	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- TS Share	1	234.00	38.02	88.97	77.53	77.53	42.15	0.00	0.00	0.00	10.86	53.01	5.44	0.00	0.00	1.40	0.00	6.84
Lower Jurala Hydro Electric Project	1	240.00	70.55	169.32	140.86	140.86	206.20	0.00	0.00	0.00	0.00	206.20	14.64	0.00	0.00	0.00	0.00	14.64
POCHAMPAD Stage-II	1	9.00	38.02	3.42	6.13	6.13	5.18	0.00	0.00	0.00	0.84	6.02	8.46	0.00	0.00	1.36	0.00	9.82
PULICHINTAL(New Project)	1	120.00	70.55	84.66	4.60	4.60	33.60	0.00	0.00	0.00	0.00	33.60	73.04	0.00	0.00	0.00	0.00	73.04
Mini Hydel & Others (Peddapalli, Palair)	1	11.16	38.02	4.24	2.01	2.01	7.66	0.00	0.00	0.00	1.04	8.70	38.18	0.00	0.00	5.16	0.00	43.34
Ramagiri Wind Mills (AP)	1				0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pochampad Stage-IV	1				0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO		4238.76		1728.68	994.47	994.47	744.19	0.00	0.00	0.00	182.39	926.58	7.48	0.00	0.00	1.83	0.00	9.32
TOTAL TSGENCO		9931.26		4088.12	12710.95	12648.74	2713.80	3077.02	0.00	0.00	448.89	6239.72	2.15	0.00	0.00	0.35	2.43	4.93
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)	2	2100.00	11.48	241.05	1551.05	1551.05	113.07	377.99	0.60	0.00	0.07	491.74	0.73	0.00	0.00	0.00	2.44	3.17
NTPC (SR) Stage III	2	500.00	12.11	60.53	408.31	408.31	31.68	97.10	0.00	0.00	0.04	128.81	0.78	0.00	0.00	0.00	2.38	3.15
Total NTPC(SR)		2600.00		301.58	1959.35	1959.35	144.75	475.09	0.60	0.00	0.11	620.55	0.74	0.00	0.00	0.00	2.42	3.17
NTPC (ER)																		
Farakka					0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon					0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1					0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2	2	2000.00	7.52	150.41	1021.29	1021.29	72.81	152.07	0.00	0.00	0.05	224.92	0.71	0.00	0.00	0.00	1.49	2.20

Others					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)		2000.00		150.41	1021.29	1021.29	72.81	152.07	0.00	0.00	0.05	224.92	0.71	0.00	0.00	0.00	1.49	2.20
Total NTPC		4600.00		451.99	2980.64	2980.64	217.55	627.16	0.60	0.00	0.16	845.47	0.73	0.00	0.00	0.00	2.10	2.84
NLC TS-II																		
Stage-I	2	630.00	6.78	42.71	194.70	85.02	17.03	26.20	0.00	0.00	0.00	43.23	2.00	0.00	0.00	0.00	3.08	5.08
Stage-II	2	840.00	9.06	76.09	354.71	181.84	29.56	53.72	0.00	0.00	0.00	83.29	1.63	0.00	0.00	0.00	2.95	4.58
Total NLC		1470.00		118.81	549.41	266.86	46.59	79.92	0.00	0.00	0.00	126.52	1.75	0.00	0.00	0.00	2.99	4.74
NPC																		
NPC-MAPS	1	440.00	3.68	16.17	94.85	94.85	0.00	40.56	0.00	0.00	0.00	40.56	0.00	0.00	0.00	0.00	4.28	4.28
NPC-Kaiga unit I	1	440.00	11.39	50.10	363.72	363.72	0.00	119.76	0.00	0.00	0.01	119.77	0.00	0.00	0.00	0.00	3.29	3.29
NPC-Kaiga unit II	1	440.00	12.08	53.14	388.24	388.24	0.00	127.89	0.00	0.00	0.01	127.90	0.00	0.00	0.00	0.00	3.29	3.29
Total NPC		1320.00		119.42	846.80	846.80	0.00	288.20	0.00	0.00	0.03	288.24	0.00	0.00	0.00	0.00	3.40	3.40
NTPC - Simhadri																		
NTPC Simhadri Stage I	2	1000.00	38.02	380.19	2046.58	1676.22	261.55	511.06	0.91	0.00	0.04	773.56	1.56	0.01	0.00	0.00	3.05	4.61
NTPC Simhadri Stage II	2	1000.00	15.89	158.88	764.06	426.35	159.02	119.74	0.00	0.00	0.04	278.80	3.73	0.00	0.00	0.00	2.81	6.54
Total NTPC- Simhadri		2000.00		539.07	2810.64	2102.57	420.57	630.80	0.91	0.00	0.08	1052.37	2.00	0.00	0.00	0.00	3.00	5.01
CGS - New																		
Vallur Thermal Power Plant	2	1500.00	5.26	78.84	340.53	340.53	73.73	89.57	0.00	0.00	0.02	163.33	2.17	0.00	0.00	0.00	2.63	4.80
Tuticorin	2	1000.00	10.83	108.29	551.43	192.01	107.63	59.16	0.00	0.00	0.03	166.81	5.61	0.00	0.00	0.00	3.08	8.69
NPC- Kudankulam	2	1000.00	3.53	35.28	154.17	154.17	0.00	63.25	30.05	0.00	0.01	93.31	0.00	1.95	0.00	0.00	4.10	6.05
NCE -Bundled power NVVNL (Coal)	2			192.32	517.74	517.74	0.00	225.69	0.00	0.00	0.01	225.70	0.00	0.00	0.00	0.00	4.36	4.36
Kudigi	2	2400.00	7.89	189.47	149.14	14.68	37.25	10.07	0.00	0.00	0.00	47.33	25.37	0.00	0.00	0.00	6.86	32.23
TOTAL CGS		15290.00		1833.49	8900.50	7416.01	903.33	2073.82	31.57	0.00	0.35	3009.07	1.22	0.04	0.00	0.00	2.80	4.06
APGPCL																		
APGPCL I - Allocated capacity	2	6.67	70.55	4.71	16.08	16.08	1.74	3.86	0.00	0.00	0.00	5.60	1.08	0.00	0.00	0.00	2.40	3.48
APGPCL I - Unutilised capacity	2	0.00		0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity	2	17.84	70.55	12.59	54.19	54.19	3.59	12.84	0.00	0.00	0.00	16.43	0.66	0.00	0.00	0.00	2.37	3.03
APGPCL II - Unutilised capacity	2	0.00		0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Apgpcl		24.51		17.29	70.26	70.26	5.33	16.70	0.00	0.00	0.00	22.03	0.76	0.00	0.00	0.00	2.38	3.13
IPPS																		
GVK					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE																		
NCE - Bio-Mass	1	18.00	100.00	18.00	43.22	43.22	0.00	24.49	0.00	0.00	0.00	24.49	0.00	0.00	0.00	0.00	5.67	5.67
NCE - Bagasse	1	15.00	100.00	15.00	8.28	8.28	0.00	3.49	0.00	0.00	0.00	3.49	0.00	0.00	0.00	0.00	4.21	4.21

NCE - Municipal Waste to Energy	1	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project	1	7.50	100.00	7.50	25.22	25.22	0.00	15.41	0.00	0.00	0.00	15.41	0.00	0.00	0.00	0.00	6.11	6.11
NCE - Wind Power	1	100.80	100.00	100.80	184.35	184.35	0.00	86.52	0.00	0.00	0.00	86.52	0.00	0.00	0.00	0.00	4.69	4.69
NCE - Mini Hydel	1	1.55	100.00	1.55	1.77	1.77	0.47	0.00	0.00	0.00	0.00	0.47	2.66	0.00	0.00	0.00	0.00	2.66
NCE - NCL Energy Ltd	1	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	1	2345.86	100.00	2345.86	2496.25	2496.25	0.00	1515.89	0.00	0.00	0.00	1515.89	0.00	0.00	0.00	0.00	6.07	6.07
TOTAL NCE		2488.71		2488.71	2759.09	2759.09	0.47	1645.80	0.00	0.00	0.00	1646.27	0.00	0.00	0.00	0.00	5.97	5.97
OTHERS																		
Srivathsa					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni	2	1200.00	61.73	740.78	6021.53	6021.53	1012.44	1298.82	0.00	0.00	0.75	2312.01	1.68	0.00	0.00	0.00	2.16	3.84
Thermal Power Tech	2	500.00	38.02	190.10	1521.73	1521.73	263.12	272.92	0.97	0.00	0.00	537.01	1.73	0.01	0.00	0.00	1.79	3.53
CSPGCL	2	1000.00	70.55	705.50	3415.87	3415.87	1210.46	409.90	0.00	0.00	0.00	1620.36	3.54	0.00	0.00	0.00	1.20	4.74
Thermal Power Tech Unit II	2	570.00	70.55	402.14	3077.03	3077.03	821.05	688.27	0.00	0.00	0.00	1509.32	2.67	0.00	0.00	0.00	2.24	4.91
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS		3270.00		2038.51	14036.16	14036.16	3307.06	2669.92	0.97	0.00	0.75	5978.70	2.36	0.00	0.00	0.00	1.90	4.26
MARKET																		
PTC					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Short Term Sources					3514.16	2112.74	0.00	1439.03	0.00	0.00	124.04	1563.07	0.00	0.00	0.00	0.59	6.81	7.40
D-D Sales/Purchases					0.00	-379.22		-151.69				-151.69	0.00	0.00	0.00	0.00	4.00	4.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bi-lateral Purchases(PTC etc.)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool Transaction (Purchases)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool Transaction (Sales)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET		0.00		0.00	3514.16	1733.52	0.00	1287.34	0.00	0.00	124.04	1411.38	0.00	0.00	0.00	0.72	7.43	8.14
TOTAL (From All Sources)		31004.48		10466.12	41991.12	38663.77	6929.98	10770.60	32.54	0.00	574.03	18307.16	1.79	0.01	0.00	0.15	2.79	4.73

1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not

2018-19

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
		(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total
TSGENCO																		
Thermal																		
VTPS I	2	420.00	38.02	159.68	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS II	2	420.00	38.02	159.68	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III	2	420.00	38.02	159.68	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV	2	500.00	38.02	190.10	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00

RTPP I	2	420.00	38.02	159.68	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
RTPP Stage-II	2	420.00	38.02	159.68	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
RTPP Stage-III	2	210.00	38.02	79.84	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS A	2	240.00	38.02	91.25	703.17	703.17	139.46	167.39	0.00	0.00	27.28	334.13	1.98	0.00	0.00	0.39	2.38	4.75
KTPS B	2	240.00	38.02	91.25	937.56	937.56	139.46	223.19	0.00	0.00	27.28	389.92	1.49	0.00	0.00	0.29	2.38	4.16
KTPS C	2	240.00	38.02	91.25	937.56	937.56	139.46	223.19	0.00	0.00	27.28	389.92	1.49	0.00	0.00	0.29	2.38	4.16
KTPS D	2	500.00	38.02	190.10	1968.39	1968.39	201.96	434.62	0.00	0.00	56.83	693.41	1.03	0.00	0.00	0.29	2.21	3.52
KTPS Stage VI	2	500.00	38.02	190.10	2000.83	1968.50	362.66	530.51	0.00	0.00	56.83	950.00	1.84	0.00	0.00	0.29	2.70	4.83
RTS B	2	62.50	38.02	23.76	246.05	246.05	38.44	63.87	0.00	0.00	7.10	109.42	1.56	0.00	0.00	0.29	2.60	4.45
NTS	2	0.00	38.02	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I	2	500.00	38.02	190.10	2000.83	2000.83	374.41	510.21	0.00	0.00	56.83	941.45	1.87	0.00	0.00	0.28	2.55	4.71
Kakatiya Thermal Power Plant Stage II	2	600.00	70.55	423.30	2459.40	2459.40	534.56	580.42	0.00	0.00	0.00	1114.98	2.17	0.00	0.00	0.00	2.36	4.53
BTPS (Manuguru New Project)	2	1080.00	70.55	761.94	224.65	224.65	61.78	53.02	0.00	0.00	0.00	114.80	2.75	0.00	0.00	0.00	2.36	5.11
KTPS VII	2	800.00	70.55	564.40	1596.28	1596.28	438.98	376.72	0.00	0.00	0.00	815.70	2.75	0.00	0.00	0.00	2.36	5.11
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL THERMAL		7572.50		3685.81	13074.72	13042.39	2431.15	3163.14	0.00	0.00	259.45	5853.74	1.86	0.00	0.00	0.20	2.43	4.49
MACHKUND PH TS Share	1	84.00	38.02	31.94	66.62	66.62	7.67	0.00	0.00	0.00	0.00	7.67	1.15	0.00	0.00	0.00	0.00	1.15
TUNGBHADRA PH TS Share	1	57.60	38.02	21.90	3.10	3.10	5.26	0.00	0.00	0.00	0.00	5.26	16.96	0.00	0.00	0.00	0.00	16.96
USL	1	240.00	38.02	91.25	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR	1	460.00	38.02	174.89	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI	1	25.00	38.02	9.51	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM	1	770.00	38.02	292.75	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH	1	815.00	38.02	309.86	925.18	925.18	92.70	0.00	0.00	0.00	92.71	185.41	1.00	0.00	0.00	1.00	0.00	2.00
NSRCPH	1	90.00	38.02	34.22	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH	1	60.00	38.02	22.81	42.74	42.74	6.82	0.00	0.00	0.00	6.82	13.64	1.60	0.00	0.00	1.60	0.00	3.19
POCHAMPAD PH	1	27.00	38.02	10.27	35.32	35.32	11.64	0.00	0.00	0.00	3.07	14.71	3.30	0.00	0.00	0.87	0.00	4.17
NIZAMSAGAR PH	1	10.00	38.02	3.80	16.55	16.55	4.31	0.00	0.00	0.00	1.14	5.45	2.60	0.00	0.00	0.69	0.00	3.29
PABM	1	20.00	38.02	7.60	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS	1	1.00	38.02	0.38	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR	1	15.00	38.02	5.70	18.44	18.44	6.47	0.00	0.00	0.00	1.71	8.17	3.51	0.00	0.00	0.92	0.00	4.43
SSLM LCPH	1	900.00	38.02	342.18	916.98	916.98	310.46	0.00	0.00	0.00	102.30	412.76	3.39	0.00	0.00	1.12	0.00	4.50
Nagarjunasagar Tail Pond Dam Power House	1	50.00	38.02	19.01	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- TS Share	1	234.00	19.01	44.48	65.62	65.62	41.38	0.00	0.00	0.00	13.30	54.68	6.31	0.00	0.00	2.03	0.00	8.33
Lower Jurala Hydro Electric Project	1	240.00	70.55	169.32	91.43	91.43	200.68	0.00	0.00	0.00	0.00	200.68	21.95	0.00	0.00	0.00	0.00	21.95
POCHAMPAD Stage-II	1	9.00	38.02	3.42	11.74	11.74	5.57	0.00	0.00	0.00	1.02	6.59	4.74	0.00	0.00	0.87	0.00	5.61
PULICHINTAL(New Project)	1	120.00	70.55	84.66	6.85	6.85	57.00	0.00	0.00	0.00	0.00	57.00	83.20	0.00	0.00	0.00	0.00	83.20
Mini Hydel & Others (Peddapalli, Palair)	1	11.16	38.02	4.24	14.39	14.39	5.67	0.00	0.00	0.00	1.27	6.94	3.94	0.00	0.00	0.88	0.00	4.82
Ramagiri Wind Mills (AP)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pochampad Stage-IV					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO		4238.76		1684.20	2214.96	2214.96	755.63	0.00	0.00	0.00	223.33	978.95	3.41	0.00	0.00	1.01	0.00	4.42
TOTAL TSGENCO		11811.26		5370.01	15289.68	15257.36	3186.78	3163.14	0.00	0.00	482.77	6832.69	2.09	0.00	0.00	0.32	2.07	4.48
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)	2	2100.00	11.48	241.05	1674.95	1674.95	121.81	396.96	0.00	0.00	0.15	518.92	0.73	0.00	0.00	0.00	2.37	3.10
NTPC (SR) Stage III	2	500.00	12.11	60.53	426.15	426.15	32.75	98.82	0.00	0.00	0.04	131.61	0.77	0.00	0.00	0.00	2.32	3.09
Total NTPC(SR)		2600.00		301.58	2101.10	2101.10	154.56	495.78	0.00	0.00	0.18	650.53	0.74	0.00	0.00	0.00	2.36	3.10
NTPC (ER)																		

Farakka					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2	2	2000.00	7.52	150.41	1055.57	1055.57	75.75	143.14	0.00	0.00	0.09	218.98	0.72	0.00	0.00	0.00	1.36	2.07
Others					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)		2000.00		150.41	1055.57	1055.57	75.75	143.14	0.00	0.00	0.09	218.98	0.72	0.00	0.00	0.00	1.36	2.07
Total NTPC		4600.00		451.99	3156.68	3156.68	230.31	638.92	0.00	0.00	0.28	869.50	0.73	0.00	0.00	0.00	2.02	2.75
NLC TS-II																		
Stage-I	2	630.00	6.78	42.71	269.40	196.75	20.33	53.99	0.00	0.00	0.00	74.32	1.03	0.00	0.00	0.00	2.74	3.78
Stage-II	2	840.00	9.06	76.09	479.93	318.45	40.24	87.38	0.00	0.00	0.01	127.63	1.26	0.00	0.00	0.00	2.74	4.01
Total NLC		1470.00		118.81	749.33	515.21	60.57	141.37	0.00	0.00	0.01	201.95	1.18	0.00	0.00	0.00	2.74	3.92
NPC																		
NPC-MAPS	1	440.00	3.68	16.17	100.15	100.15	0.00	21.79	0.00	0.00	0.01	21.80	0.00	0.00	0.00	0.00	2.18	2.18
NPC-Kaiga unit I	1	440.00	11.39	50.10	338.93	338.93	0.00	106.45	0.00	0.00	0.03	106.48	0.00	0.00	0.00	0.00	3.14	3.14
NPC-Kaiga unit II	1	440.00	12.08	53.14	347.92	347.92	0.00	109.27	0.00	0.00	0.03	109.30	0.00	0.00	0.00	0.00	3.14	3.14
Total NPC		1320.00		119.42	787.01	787.01	0.00	237.50	0.00	0.00	0.07	237.57	0.00	0.00	0.00	0.00	3.02	3.02
NTPC - Simhadri																		
NTPC Simhadri Stage I	2	1000.00	38.02	380.19	2682.30	2387.78	251.68	652.82	0.00	0.00	0.08	904.59	1.05	0.00	0.00	0.00	2.73	3.79
NTPC Simhadri Stage II	2	1000.00	15.89	158.88	1120.90	828.24	170.58	227.02	0.00	0.00	0.08	397.68	2.06	0.00	0.00	0.00	2.74	4.80
Total NTPC- Simhadri		2000.00		539.07	3803.20	3216.02	422.26	879.84	0.00	0.00	0.17	1302.27	1.31	0.00	0.00	0.00	2.74	4.05
CGS - New																		
Vallur Thermal Power Plant		1500.00	5.26	78.84	547.77	547.77	91.99	141.98	0.00	0.00	0.05	234.02	1.68	0.00	0.00	0.00	2.59	4.27
Tuticorin		1000.00	10.83	108.29	755.96	344.97	118.02	101.91	0.00	0.00	0.06	219.98	3.42	0.00	0.00	0.00	2.95	6.38
NPC- Kudankulam		1000.00	3.53	35.28	201.81	201.81	0.00	82.66	0.00	0.00	0.02	82.68	0.00	0.00	0.00	0.00	4.10	4.10
NCE -Bundled power NVVNL (Coal)		170.00	38.02	64.63	1428.66	1428.66	0.00	660.04	0.00	0.00	0.00	660.04	0.00	0.00	0.00	0.00	4.62	4.62
Kudigi		2400.00	7.89	189.47	1329.67	262.48	172.63	91.29	0.00	0.00	0.00	263.92	6.58	0.00	0.00	0.00	3.48	10.05
TOTAL CGS		15460.00		1705.80	12760.09	10460.60	1095.78	2975.51	0.00	0.00	0.65	4071.95	1.05	0.00	0.00	0.00	2.84	3.89
APGPCL																		
APGPCL I - Allocated capacity	2	6.67	70.55	4.71	9.80	9.80	0.83	2.35	0.00	0.00	0.00	3.18	0.84	0.00	0.00	0.00	2.40	3.24
APGPCL I - Unutilised capacity	2	0.00		0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity	2	17.84	70.55	12.59	31.24	31.24	1.69	7.40	0.00	0.00	0.00	9.09	0.54	0.00	0.00	0.00	2.37	2.91
APGPCL II - Unutilised capacity	2	0.00		0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL		24.51		17.29	41.04	41.04	2.52	9.75	0.00	0.00	0.00	12.27	0.61	0.00	0.00	0.00	2.38	2.99
IPPS																		
GVK					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NCE																		
NCE - Bio-Mass	1	18.00	100.00	18.00	46.55	46.55	0.00	31.80	0.00	0.00	0.00	31.80	0.00	0.00	0.00	0.00	6.83	6.83
NCE - Bagasse	1	15.00	100.00	15.00	8.28	8.28	0.00	4.06	0.00	0.00	0.00	4.06	0.00	0.00	0.00	0.00	4.90	4.90
NCE - Municipal Waste to Energy	1	23.00	100.00	23.00	79.45	79.45	0.00	58.79	0.00	0.00	0.00	58.79	0.00	0.00	0.00	0.00	7.40	7.40
NCE - Industrial Waste based power project	1	7.50	100.00	7.50	25.22	25.22	0.00	17.65	0.00	0.00	0.00	17.65	0.00	0.00	0.00	0.00	7.00	7.00
NCE - Wind Power	1	100.80	100.00	100.80	184.35	184.35	0.00	86.65	0.00	0.00	0.00	86.65	0.00	0.00	0.00	0.00	4.70	4.70
NCE - Mini Hydel	1	1.55	100.00	1.55	1.77	1.77	0.49	0.00	0.00	0.00	0.00	0.49	2.77	0.00	0.00	0.00	0.00	2.77
NCE - NCL Energy Ltd	1	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	1	2346.31	100.00	2346.31	3877.85	3877.85	0.00	2278.84	0.00	0.00	0.00	2278.84	0.00	0.00	0.00	0.00	5.88	5.88
TOTAL NCE		2512.16		2512.16	4223.47	4223.47	0.49	2477.79	0.00	0.00	0.00	2478.27	0.00	0.00	0.00	0.00	5.87	5.87
OTHERS																		
Srivathsa					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni	2	1200.00	61.73	740.78	5941.32	5941.32	1068.78	1276.12	0.00	0.00	0.79	2345.68	1.80	0.00	0.00	0.00	2.15	3.95
Thermal Power Tech	2	500.00	38.02	190.10	1401.31	1401.31	247.41	243.85	2.08	0.00	0.00	493.34	1.77	0.01	0.00	0.00	1.74	3.52
CSPGCL	2	1000.00	70.55	705.50	4874.93	4874.93	1320.50	584.99	0.00	0.00	0.00	1905.49	2.71	0.00	0.00	0.00	1.20	3.91
Thermal Power Tech Unit II	2	570.00	70.55	402.14	2964.35	2964.35	796.32	661.11	0.00	0.00	0.00	1457.43	2.69	0.00	0.00	0.00	2.23	4.92
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS		3270.00		2038.51	15181.90	15181.90	3433.00	2766.08	2.08	0.00	0.79	6201.94	2.26	0.00	0.00	0.00	1.82	4.09
MARKET																		
PTC					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Short Term Sources					270.53	286.79	0.00	114.71	0.00	0.00	24.04	138.75	0.00	0.00	0.00	0.84	4.00	4.84
D-D Sales/Purchase					0.00	-3257.93		-1303.17				-1303.17	0.00	0.00	0.00	0.00	4.00	4.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET		0.00		0.00	270.53	-2971.15	0.00	-1188.46	0.00	0.00	24.04	-1164.42	0.00	0.00	0.00	-0.08	4.00	3.92
TOTAL (From All Sources)		33077.93		11643.77	47766.72	42193.22	7718.57	10203.81	2.08	0.00	508.24	18432.71	1.83	0.00	0.00	0.12	2.42	4.37

Form 1.4(i) NCE Generation (Base Year)

Plant wise NCE Generation and Cost Details for Base Year. The total should be consistent with values provided in Form 1.4 under NCE.

TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total
Bio-Mass	GAYATHRI AGRO	Nalgonda	6.00	100.00	6.00	1.72	1.72		9.27				9.27	0.00	0.00	0.00	0.00	53.74	53.74
Bio-Mass	SARO POWER	Mahaboobnagar	6.00	100.00	6.00	15.84	15.84		19.50				19.50	0.00	0.00	0.00	0.00	12.30	12.30
Bio-Mass	MY HOME POWER	Paancheru, Medak	8.00	100.00	8.00	0.00	0.00		18.78				18.78	0.00	0.00	0.00	0.00	0.00	0.00
Bio-Mass	SRI RAYALASEEMA G.EGY	Kurnool	6.00	100.00	6.00	0.00	0.00		0.50				0.50	0.00	0.00	0.00	0.00	0.00	0.00
Bio-Mass	SUCHAND POWERGEN	Kurnool	6.00	100.00	6.00	0.00	0.00		7.17				7.17	0.00	0.00	0.00	0.00	0.00	0.00
Bio-Mass	Surya Teja	Beechpally village, Itiky	6.00	100.00	6.00	20.30	20.30		15.93				15.93	0.00	0.00	0.00	0.00	7.85	7.85
Bio-Mass	Agri Gold Projects Limited	Dupadu village, Thripuranta	2.00	100.00	0.00	0.00	0.00		0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bio-Mass													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bio-Mass													0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Bio-mass			40.00		38.00	37.87	37.87	0.00	71.14	0.00	0.00	0.00	71.14	0.00	0.00	0.00	0.00	18.79	18.79
Bagasse	GANAPATHI SUGAR	Fasalwadi village, Sangare	15.00	100.00	15.00	26.95	26.95		8.42				8.42	0.00	0.00	0.00	0.00	3.12	3.12
Bagasse													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bagasse													0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Bagasse			15.00		15.00	26.95	26.95	0.00	8.42	0.00	0.00	0.00	8.42	0.00	0.00	0.00	0.00	3.12	3.12
Municipal Waste to Energy													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Municipal Waste to Energy													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Municipal Waste to Energy													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Municipal Waste to Energy													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Municipal Waste to Energy													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Municipal Waste to Energy													0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Municipal Waste to Energy			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Waste ba	Shravana Power	Takkalapalli village, Yachar	7.50	100.00	7.50	18.22	18.22		19.06				19.06	0.00	0.00	0.00	0.00	10.46	10.46
Industrial Waste ba	SLT Power Limited	Pochampalli village & Mand	3.50	100.00	3.50	0.00	0.00		0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Waste based power project													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Waste based power project													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Waste based power project													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Waste based power project													0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Industrial Waste			11.00		11.00	18.22	18.22	0.00	19.06	0.00	0.00	0.00	19.06	0.00	0.00	0.00	0.00	10.46	10.46
Wind Power	Arts & Crafts Exports	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.45	1.45		0.50				0.50	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Canara Cement Pipes	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.40	1.40		0.49				0.49	0.00	0.00	0.00	0.00	3.47	3.47
Wind Power	Chandulal Surajmal	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.37	1.37		0.47				0.47	0.00	0.00	0.00	0.00	3.47	3.47
Wind Power	Compucom Software Ltd	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.72	1.72		0.60				0.60	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	G.Shoe Export	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.60	1.60		0.56				0.56	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Happy Valley Developers	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.67	1.67		0.58				0.58	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	International Phase-I	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.77	1.77		0.62				0.62	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	International Phase-II	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.71	1.71		0.60				0.60	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Mayura Steels Pvt. Ltd.	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.85	1.85		0.65				0.65	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Meghna Associates	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.29	1.29		0.45				0.45	0.00	0.00	0.00	0.00	3.45	3.45
Wind Power	Nandi Rollers Flour Mills (P) Ltd.,	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.96	1.96		0.68				0.68	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Orange Sorting Pvt. Ltd	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.96	1.96		0.68				0.68	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Prakash Beedies Pvt. Ltd.	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.84	1.84		0.64				0.64	0.00	0.00	0.00	0.00	3.47	3.47
Wind Power	Protectron Electromech	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.68	1.68		0.58				0.58	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Ramsons Asbests	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.59	1.59		0.55				0.55	0.00	0.00	0.00	0.00	3.47	3.47
Wind Power	S. Kumar	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.75	1.75		0.60				0.60	0.00	0.00	0.00	0.00	3.40	3.40
Wind Power	Shilpa Medicare Ltd	Kondameedipalli, Kurnool d	1.60	100.00	1.60	3.67	3.67		1.28				1.28	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Shreem Electric Ltd.,	Kondameedipalli, Kurnool d	1.60	100.00	1.60	3.44	3.44		1.20				1.20	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Siddaganga Oil Extractions	Kondameedipalli, Kurnool d	1.60	100.00	1.60	3.40	3.40		1.19				1.19	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Texmo Industries	Kondameedipalli, Kurnool d	2.40	100.00	2.40	5.05	5.05		1.76				1.76	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Texmo Precision Castings	Kondameedipalli, Kurnool d	1.60	100.00	1.60	3.43	3.43		1.19				1.19	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Texonic Instruments	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.58	1.58		0.55				0.55	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Triveni Enterprises	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.60	1.60		0.56				0.56	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Vaayu Phase - I	Kondameedipalli, Kurnool d	4.80	100.00	4.80	12.08	12.08		4.22				4.22	0.00	0.00	0.00	0.00	3.50	3.50

Wind Power	Vaayu Phase -II	Kondameedipalli, Kurnool d	4.80	100.00	4.80	9.91	9.91		3.46				3.46	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Vaayu Phase -III	Kondameedipalli, Kurnool d	4.80	100.00	4.80	10.64	10.64		3.72				3.72	0.00	0.00	0.00	0.00	3.50	3.50
Wind Power	Vaayu Phase -IV	Kondameedipalli, Kurnool d	11.20	100.00	11.20	25.92	25.92		9.06				9.06	0.00	0.00	0.00	0.00	3.50	3.50
Wind Power	Vaayu Phase -V	Kondameedipalli, Kurnool d	4.80	100.00	4.80	12.63	12.63		4.41				4.41	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Vaayu Phase -VI	Kondameedipalli, Kurnool d	9.60	100.00	9.60	23.25	23.25		8.13				8.13	0.00	0.00	0.00	0.00	3.50	3.50
Wind Power	Vaayu Phase -VII	Kondameedipalli, Kurnool d	10.40	100.00	10.40	19.88	19.88		6.94				6.94	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Vikram Traders	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.61	1.61		0.56				0.56	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Vish Phase - I	Kondameedipalli, Kurnool d	0.80	100.00	0.80	1.72	1.72		0.60				0.60	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Vish Phase - II	Kondameedipalli, Kurnool d	4.00	100.00	4.00	8.44	8.44		2.95				2.95	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Vish Phase - III	Kondameedipalli, Kurnool d	1.60	100.00	1.60	3.00	3.00		1.05				1.05	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Vish Phase - IV	Kondameedipalli, Kurnool d	1.60	100.00	1.60	3.21	3.21		1.12				1.12	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	Saptagir Camphor Ltd.,Nallakonda	Kondameedipalli, Kurnool d	0.80	100.00	0.80	0.77	0.77		0.36				0.36	0.00	0.00	0.00	0.00	4.66	4.66
Wind Power	Weizmann Ind	Anantapur		100.00	0.00	7.74	7.74		1.30				1.30	0.00	0.00	0.00	0.00	1.68	1.68
Wind Power	IL&FS Wind Farms Limited	Anantapur	6.50	100.00	6.50	7.47	7.47		2.56				2.56	0.00	0.00	0.00	0.00	3.42	3.42
Wind Power	NEDCAP - Kurnool	Kurnool	2.75	100.00	2.75	4.08	4.08		0.65				0.65	0.00	0.00	0.00	0.00	1.59	1.59
Wind Power	NEDCAP	Rekulakunta, Anantapur dis	5.95	100.00	5.95	12.71	12.71		4.43				4.43	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	NEDCAP, (1.60MW)	Kondameedipalli, Kurnool d	1.60	100.00	1.60	3.99	3.99		1.39				1.39	0.00	0.00	0.00	0.00	3.49	3.49
Wind Power	NILE Limited	Ramagiri, Anantapur	2.00	100.00	2.00	2.77	2.77		0.95				0.95	0.00	0.00	0.00	0.00	3.44	3.44
Wind Power	BHEL (Stage I & II)	Ramagiri, Anantapur	7.00	100.00	7.00	1.32	1.32		0.20				0.20	0.00	0.00	0.00	0.00	1.48	1.48
Wind Power	Dr.Kasu Prasad Reddy	Kadavakallu, Anantapur	1.35	100.00	1.35	0.60	0.60		0.14				0.14	0.00	0.00	0.00	0.00	2.24	2.24
Wind Power	Hyd Chemicals Ltd.,(5.1)	Kadavakallu, Anantapur	5.10	100.00	5.10	11.61	11.61		4.01				4.01	0.00	0.00	0.00	0.00	3.45	3.45
Wind Power	Hyd Chemicals Ltd.,	Kadavakallu, Anantapur	4.50	100.00	4.50	7.39	7.39		1.92				1.92	0.00	0.00	0.00	0.00	2.60	2.60
Wind Power	Wescare(Bharat Wind Farm)	Anantapur	4.50	100.00	4.50	3.31	3.31		0.52				0.52	0.00	0.00	0.00	0.00	1.58	1.58
Wind Power	RCI	Anantapur	20.00	100.00	20.00	21.67	21.67		3.86				3.86	0.00	0.00	0.00	0.00	1.78	1.78
Wind Power	Sai Silks (Kalamandir) Ltd.,	Kondameedipalli, Kurnool d	2.00	100.00	2.00	0.63	0.63		0.20				0.20	0.00	0.00	0.00	0.00	3.17	3.17
Wind Power	I.O.C.Ltd., (16.8)	Vajrakarur, Anantapur	16.80	100.00	16.80	39.64	39.64		13.80				13.80	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	I.O.C.Ltd., (10.5)	Vajrakarur, Anantapur	10.50	100.00	10.50	23.13	23.13		8.04				8.04	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Beta Wind Farm Ltd.,	Kadavakallu, Anantapur	50.40	100.00	50.40	39.25	39.25		18.27				18.27	0.00	0.00	0.00	0.00	4.66	4.66
Wind Power	Tadas W. E. Ltd Phase-I	, Anantapur district	12.80	100.00	12.80	29.16	29.16		10.89				10.89	0.00	0.00	0.00	0.00	3.73	3.73
Wind Power	Tadas W.E. Ltd Phase-II Nallakonda	, Anantapur district	3.20	100.00	3.20	7.55	7.55		2.85				2.85	0.00	0.00	0.00	0.00	3.78	3.78
Wind Power	Tadas W.E.L Phase-III Nallakonda	, Anantapur district	6.40	100.00	6.40	13.82	13.82		5.16				5.16	0.00	0.00	0.00	0.00	3.74	3.74
Wind Power	Tadas W E L Phase-IV Nallakonda	, Anantapur district	9.60	100.00	9.60	23.20	23.20		8.73				8.73	0.00	0.00	0.00	0.00	3.76	3.76
Wind Power	Tadas W E L Phase-V Nallakonda	, Anantapur district	8.00	100.00	8.00	16.71	16.71		6.31				6.31	0.00	0.00	0.00	0.00	3.78	3.78
Wind Power	Tadas W E L Phase - VI Nallakonda	, Anantapur district	8.00	100.00	8.00	16.25	16.25		6.12				6.12	0.00	0.00	0.00	0.00	3.77	3.77
Wind Power	Tadas W E L Phase - VII Nallakonda	, Anantapur district	2.40	100.00	2.40	5.17	5.17		1.97				1.97	0.00	0.00	0.00	0.00	3.81	3.81
Wind Power	Vish Wind Infrastructure Ph - I Nallakonda	, Anantapur district	12.80	100.00	12.80	27.98	27.98		10.70				10.70	0.00	0.00	0.00	0.00	3.82	3.82
Wind Power	Vish Wind Infrastructure Ph - II Nallakonda	, Anantapur district	6.40	100.00	6.40	14.23	14.23		5.35				5.35	0.00	0.00	0.00	0.00	3.76	3.76
Wind Power	Vish Wind Infrastructure Ph - III Nallakonda	, Anantapur district	1.60	100.00	1.60	3.94	3.94		1.47				1.47	0.00	0.00	0.00	0.00	3.73	3.73
Wind Power	Protectron Electromech P.Ltd Nallakonda	, Anantapur district	0.80	100.00	0.80	1.50	1.50		0.56				0.56	0.00	0.00	0.00	0.00	3.75	3.75
Wind Power	M.G.M. Springs Pvt., Ltd	, Anantapur district	0.80	100.00	0.80	1.75	1.75		0.75				0.75	0.00	0.00	0.00	0.00	4.28	4.28
Wind Power	M/s.Sukaso Ceracolors Pvt. Ltd.,	, Anantapur district	1.60	100.00	1.60	3.55	3.55		1.26				1.26	0.00	0.00	0.00	0.00	3.54	3.54
Wind Power	M/s.OIL Country Tabular Limited	, Anantapur district	0.80	100.00	0.80	1.64	1.64		0.58				0.58	0.00	0.00	0.00	0.00	3.56	3.56
Wind Power	M/s. R V Consultant services	, Anantapur district	0.80	100.00	0.80	1.50	1.50		0.70				0.70	0.00	0.00	0.00	0.00	4.68	4.68
Wind Power	M/s. Khandke Wind Energy Pvt., Ltd.,Ph-1	, Anantapur district	2.40	100.00	2.40	5.13	5.13		2.41				2.41	0.00	0.00	0.00	0.00	4.69	4.69
Wind Power	M/s. Khandke Wind Energy Pvt., Ltd.,Ph-2	, Anantapur district	6.40	100.00	6.40	12.50	12.50		5.87				5.87	0.00	0.00	0.00	0.00	4.70	4.70
Wind Power	M/s. Khandke Wind Energy Pvt., Ltd.,Ph-3	, Anantapur district	4.00	100.00	4.00	4.21	4.21		1.97				1.97	0.00	0.00	0.00	0.00	4.69	4.69
Wind Power	M/s. Khandke Wind Energy Pvt., Ltd.,Ph-4	, Anantapur district	2.40	100.00	2.40	2.04	2.04		0.96				0.96	0.00	0.00	0.00	0.00	4.69	4.69
Wind Power	M/s. Rayala Wind Power Company Ltd.,	Balavenkatapur, Anantapur	101.20	100.00	101.20	30.13	30.13		14.08				14.08	0.00	0.00	0.00	0.00	4.67	4.67
Wind Power	Mytra Vayu (Pennar) Pvt.Ltd.,- I	Vajrakarur, Anantapur	16.80	100.00	16.80	35.99	35.99		12.53				12.53	0.00	0.00	0.00	0.00	3.48	3.48
Wind Power	Mytra Vayu (Pennar) Pvt.Ltd.,- II	Vajrakarur, Anantapur	16.80	100.00	16.80	36.90	36.90		17.28				17.28	0.00	0.00	0.00	0.00	4.68	4.68
Wind Power	Mytra Vayu (Pennar) Pvt.Ltd.,-III	Vajrakarur, Anantapur	6.30	100.00	6.30	13.25	13.25		6.19				6.19	0.00	0.00	0.00	0.00	4.67	4.67
Wind Power	Mytra Vayu (Pennar) Pvt.Ltd.,-IV	Vajrakarur, Anantapur	6.30	100.00	6.30	13.44	13.44		6.28				6.28	0.00	0.00	0.00	0.00	4.67	4.67
Wind Power	Mytra Vayu (Pennar) Pvt.Ltd.,- V	Vajrakarur, Anantapur	4.20	100.00	4.20	8.72	8.72		4.07				4.07	0.00	0.00	0.00	0.00	4.67	4.67
Wind Power	Mytra Vayu (Pennar) Pvt.Ltd.,- VI	Vajrakarur, Anantapur	4.20	100.00	4.20	9.19	9.19		4.29				4.29	0.00	0.00	0.00	0.00	4.67	4.67
Wind Power	Mytra Vayu (Pennar) Pvt.Ltd.,- VII	Vajrakarur, Anantapur	6.30	100.00	6.30	13.78	13.78		6.45				6.45	0.00	0.00	0.00	0.00	4.68	4.68
Wind Power	Mytra Vayu (Pennar) Pvt.Ltd.,- VIII	Vajrakarur, Anantapur	2.10	100.00	2.10	4.63	4.63		2.15				2.15	0.00	0.00	0.00	0.00	4.65	4.65
Wind Power	Mytra Vayu (Krishna) Pvt.Ltd.,-	Burugula, Kurnool	37.40	100.00	37.40	2.87	2.87		1.34				1.34	0.00	0.00	0.00	0.00	4.67	4.67
Wind Power													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wind Power													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wind Power													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wind Power													0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Wind Power			516.95		516.95	729.87	729.87	0.00	275.06	0.00	0.00	0.00	275.06	0.00	0.00	0.00	0.00	3.77	3.77
Mini Hydel	Kallam (Janapadu Hydro)	Nereducherla Village & Mar	1.00	100.00	1.00	3.39	3.39		3.39				3.39	0.00	0.00	0.00	0.00	10.02	10.02

Mini Hydel	Srinivasa Power	Nalgonda	0.55	100.00	0.55	0.89	0.89		0.62				0.62	0.00	0.00	0.00	0.00	6.95	6.95
Mini Hydel	NCL Industries ltd(Chabolu)	Pothireddypadu, Kurnool	7.50	100.00	7.50	26.70	26.70		12.58				12.58	0.00	0.00	0.00	0.00	4.71	4.71
Mini Hydel	KM power p ltd(Guntak)	Guntakandala, Kurnool	4.00	100.00	4.00	18.81	18.81		12.05				12.05	0.00	0.00	0.00	0.00	6.40	6.40
Mini Hydel	KM power p ltd(vel)	Velpanur,Kurnool	3.30	100.00	3.30	15.79	15.79		7.89				7.89	0.00	0.00	0.00	0.00	5.00	5.00
Mini Hydel	KM power p ltd(Madv)	Madhavaram, Kurnool	4.00	100.00	4.00	16.52	16.52		8.67				8.67	0.00	0.00	0.00	0.00	5.25	5.25
Mini Hydel													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini Hydel													0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini Hydel													0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Mini Hydel			20.35		20.35	82.11	82.11	0.00	45.19	0.00	0.00	0.00	45.19	0.00	0.00	0.00	0.00	5.50	5.50
NCL Energy Ltd	NCL Energy TB DAM (Mini hydel)	Kurnool	8.25	36.37	3.00	9.42	9.42		1.70				1.70	0.00	0.00	0.00	0.00	1.80	1.80
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL- NCL Energy Ltd			8.25		3.00	9.42	9.42	0.00	1.70	0.00	0.00	0.00	1.70	0.00	0.00	0.00	0.00	1.80	1.80
NCE-Others	Ramakrishna Industries	Kishen Nagar (v), Shadnaga	1.00	100.00	1.00	1.47	1.47		2.64				2.64	0.00	0.00	0.00	0.00	17.91	17.91
NCE-Others	Jurala Solar Power Plant	Jurala HES, Mahaboobnaga	1.00	100.00	1.00	1.61	1.61		2.89				2.89	0.00	0.00	0.00	0.00	17.91	17.91
NCE-Others	Sri Power Genr Pvt., Ltd.,	Kotagullu Village, Kadiri Ma	1.00	100.00	1.00	1.27	1.27		2.28				2.28	0.00	0.00	0.00	0.00	17.91	17.91
NCE-Others	Gajanan Financial Services Ltd.,	Laddagiri (V), Kurnool distr	1.00	100.00	1.00	1.76	1.76		3.15				3.15	0.00	0.00	0.00	0.00	17.91	17.91
NCE-Others	Bhavani Engineering	Madhava yedavally, narkatp	1.00	100.00	1.00	1.56	1.56		2.80				2.80	0.00	0.00	0.00	0.00	17.91	17.91
NCE-Others	Photon Energy Systems Ltd.,	Mominpet Village, Ranga R	1.00	100.00	1.00	1.50	1.50		2.68				2.68	0.00	0.00	0.00	0.00	17.91	17.91
NCE-Others	Amrit Jal Ventures Pvt. Ltd.,	kotagallu (V), Anantapur dis	1.00	100.00	1.00	1.45	1.45		2.60				2.60	0.00	0.00	0.00	0.00	17.91	17.91
NCE-Others	AP Industl Infracorp. Ltd.	Industrial Park, Gooty, Anai	1.00	100.00	1.00	1.37	1.37		2.45				2.45	0.00	0.00	0.00	0.00	17.91	17.91
NCE-Others	Andromeda Energy Techno	Avancha Village, Narasapur	0.75	100.00	0.75	1.09	1.09		1.96				1.96	0.00	0.00	0.00	0.00	17.91	17.91
NCE-Others	NVVNL Bundled Power (Solar & coal)		35.00	53.85	18.85	138.69	138.69		61.51				61.51	0.00	0.00	0.00	0.00	4.44	4.44
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE - Others			43.75		27.60	151.78	151.78	0.00	84.95	0.00	0.00	0.00	84.95	0.00	0.00	0.00	0.00	5.60	5.60
Total NCE			655.30		631.90	1056.21	1056.21	0.00	505.52	0.00	0.00	0.00	505.52	0.00	0.00	0.00	0.00	4.79	4.79

NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE - Others			4.75		4.75	72.36	72.36	0.21	57.04	0.00	0.00	0.00	57.25	0.03	0.00	0.00	0.00	7.88	7.91
Total NCE			46.80		46.80	200.96	200.96	7.17	116.98	0.00	0.00	0.00	124.15	0.36	0.00	0.00	0.00	5.82	6.18

NCE Generation (Year 2)

Plant wise NCE Generation and Cost Details for Base Year. The total should be consistent with values provided in Form 1.4 under NCE.

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155

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159

NCL Energy Ltd														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd														0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL- NCL Energy Ltd			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	Ramakrishna Industries Ltd	Madanapuram (M), Mahabubnagar	1.00	100.00	1.00	1.66	1.66	2.97						2.97	17.91	0.00	0.00	0.00	0.00	17.91
NCE-Others	Jurala Solar Power Ltd	Madanapuram (M), Mahabubnagar	1.00	100.00	1.00	1.57	1.57	2.85						2.85	18.17	0.00	0.00	0.00	0.00	18.17
NCE-Others	Bhavani Engineering	Madanapuram (M), Mahabubnagar	1.00	100.00	1.00	1.64	1.64	2.98						2.98	18.19	0.00	0.00	0.00	0.00	18.19
NCE-Others	Photon Energy Systems	Madanapuram (M), Mahabubnagar	1.00	100.00	1.00	1.5529	1.5529	2.83						2.83	18.25	0.00	0.00	0.00	0.00	18.25
NCE-Others	Andromeda Energy	Madanapuram (M), Mahabubnagar	0.75	100.00	0.75	1.16	1.16	2.11						2.11	18.22	0.00	0.00	0.00	0.00	18.22
NCE-Others	Essel Mining & Industries	Madanapuram (M), Mahabubnagar	10.00	100.00	10.00	18.02	18.02	12.00						12.00	6.66	0.00	0.00	0.00	0.00	6.66
NCE-Others	Essel Mining & Industries	Madanapuram (M), Mahabubnagar	10.00	100.00	10.00	17.10	17.10	11.40						11.40	6.67	0.00	0.00	0.00	0.00	6.67
NCE-Others	Essel Mining & Industries	Madanapuram (M), Mahabubnagar	5.00	100.00	5.00	8.92	8.92	5.94						5.94	6.66	0.00	0.00	0.00	0.00	6.66
NCE-Others	Chintapally Saibabai	Madanapuram (M), Mahabubnagar	2.00	100.00	2.00	1.52	1.52	0.99						0.99	6.49	0.00	0.00	0.00	0.00	6.49
NCE-Others	SSJ Power Projects	Madanapuram (M), Mahabubnagar	5.00	100.00	5.00	7.90	7.90	5.28						5.28	6.68	0.00	0.00	0.00	0.00	6.68
NCE-Others	Bagyanagar Greenfield	Madanapuram (M), Mahabubnagar	5.00	100.00	5.00	5.15	5.15	3.33						3.33	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Mahabubnagar solar park	Madanapuram (M), Mahabubnagar	10.00	100.00	10.00	15.30	15.30	9.93						9.93	6.49	0.00	0.00	0.00	0.00	6.49
NCE-Others	Marikal solar parks	Madanapuram (M), Mahabubnagar	10.00	100.00	10.00	16.27	16.27	10.56						10.56	6.49	0.00	0.00	0.00	0.00	6.49
NCE-Others	Prime Life space co	Madanapuram (M), Mahabubnagar	3.00	100.00	3.00	1.59	1.59	1.13						1.13	7.15	0.00	0.00	0.00	0.00	7.15
NCE-Others	RGS solar Power Project	Madanapuram (M), Mahabubnagar	7.00	100.00	7.00	1.47	1.47	0.97						0.97	6.59	0.00	0.00	0.00	0.00	6.59
NCE-Others	SS Indus Solar Energy	Madanapuram (M), Mahabubnagar	2.00	100.00	2.00	1.83	1.83	1.19						1.19	6.49	0.00	0.00	0.00	0.00	6.49
NCE-Others	Starlite Global enterpr	Madanapuram (M), Mahabubnagar	3.00	100.00	3.00	3.95	3.95	2.55						2.55	6.45	0.00	0.00	0.00	0.00	6.45
NCE-Others	Photon Solar Power	Madanapuram (M), Mahabubnagar	5.00	100.00	5.00	3.38	3.38	2.18						2.18	6.45	0.00	0.00	0.00	0.00	6.45
NCE-Others	Haldiram's Snacks Pvt	Madanapuram (M), Mahabubnagar	10.00	100.00	10.00	7.08	7.08	12.79						12.79	18.06	0.00	0.00	0.00	0.00	18.06
NCE-Others	Ushas Ventures Private	Madanapuram (M), Mahabubnagar	8.00	100.00	8.00	3.24	3.24	2.09						2.09	6.43	0.00	0.00	0.00	0.00	6.43
NCE-Others	Tri Solar Pvt Ltd.,	Madanapuram (M), Mahabubnagar	5.00	100.00	5.00	1.21	1.21	1.41						1.41	11.63	0.00	0.00	0.00	0.00	11.63
NCE-Others	Pemmasani Solar Pvt	Madanapuram (M), Mahabubnagar	10.00	100.00	10.00	1.67	1.67	1.14						1.14	6.84	0.00	0.00	0.00	0.00	6.84
NCE-Others	M/s.Winsol Solar Field	Madanapuram (M), Mahabubnagar	25.00	100.00	25.00	0.07	0.07	0.05						0.05	6.90	0.00	0.00	0.00	0.00	6.90
NCE-Others	M/s.SP Solren Private	Madanapuram (M), Mahabubnagar	10.00	100.00	10.00	1.67	1.67	1.12						1.12	6.67	0.00	0.00	0.00	0.00	6.67
NCE-Others	M/s.Vcarve Renewables	Madanapuram (M), Mahabubnagar	3.00	100.00	3.00	0.28	0.28	0.19						0.19	6.75	0.00	0.00	0.00	0.00	6.75
NCE-Others	M/s.Sunborne Energy	Madanapuram (M), Mahabubnagar	35.00	100.00	35.00	9.98	9.98	6.44						6.44	6.45	0.00	0.00	0.00	0.00	6.45
NCE-Others	Global Coal & Mining	Madanapuram (M), Mahabubnagar	10.00	100.00	10.00	0.18	0.18	0.12						0.12	6.51	0.00	0.00	0.00	0.00	6.51
NCE-Others	NVVNL B.P. Solar					37.24	37.24	0.26	39.49					39.75	0.07	0.00	0.00	0.00	10.61	10.68
NCE-Others	GBI Claims Receivables												-9.47	-9.47	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others						</														

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NCE Generation (Year 3)

Plant wise NCE Generation and Cost Details for Base Year. The total should be consistent with values provided in Form 1.4 under NCE.

[illegible]

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NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL- NCL Energy Ltd			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	Ramakrishna Industries	hadnagar (M), Mahabubnagar	1.00	100.00	1.00	1.57	1.57	2.80					2.80	17.91	0.00	0.00	0.00	0.00	17.91
NCE-Others	Jurala Solar Power	Badwal, Mahabubnagar	1.00	100.00	1.00	1.42	1.42	2.54					2.54	17.91	0.00	0.00	0.00	0.00	17.91
NCE-Others	Bhavani Engineering	Narketpally Manda	1.00	100.00	1.00	1.56	1.56	2.79					2.79	17.91	0.00	0.00	0.00	0.00	17.91
NCE-Others	Photon Energy Systems	Village, Ranga Reddy	1.00	100.00	1.00	1.36	1.36	2.44					2.44	17.91	0.00	0.00	0.00	0.00	17.91
NCE-Others	Andromeda Energy	3 (V), Narasapur (M)	0.75	100.00	0.75	1.09	1.09	1.96					1.96	17.91	0.00	0.00	0.00	0.00	17.91
NCE-Others	Essel Mining & Industries	Kurthy in Mahabubnagar	10.00	100.00	10.00	16.99	16.99	10.92					10.92	6.43	0.00	0.00	0.00	0.00	6.43
NCE-Others	Essel Mining & Industries	karampet in Mahabubnagar	10.00	100.00	10.00	16.17	16.17	10.27					10.27	6.35	0.00	0.00	0.00	0.00	6.35
NCE-Others	Essel Mining & Industries	ampet in Mahabubnagar	5.00	100.00	5.00	8.34	8.34	5.25					5.25	6.30	0.00	0.00	0.00	0.00	6.30
NCE-Others	Chintapally Saibabaji	Chinthapally(M), Mahabubnagar	2.00	100.00	2.00	2.59	2.59	1.58					1.58	6.11	0.00	0.00	0.00	0.00	6.11
NCE-Others	SSJ Power Projects	2/33 KV Parigi SS, Mahabubnagar	5.00	100.00	5.00	6.94	6.94	4.50					4.50	6.49	0.00	0.00	0.00	0.00	6.49
NCE-Others	Bagyanagar Green Fields	1 KV Peddamunthal	5.00	100.00	5.00	6.77	6.77	4.31					4.31	6.36	0.00	0.00	0.00	0.00	6.36
NCE-Others	Mahabubnagar solar parks	Mahabubnagar	10.00	100.00	10.00	18.68	18.68	12.08					12.08	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Marikal solar parks	V Marikal SS, Mahabubnagar	10.00	100.00	10.00	18.77	18.77	12.13					12.13	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Prime Life space co	KV SS Paladugu, Nalgonda	3.00	100.00	3.00	4.41	4.41	2.97					2.97	6.73	0.00	0.00	0.00	0.00	6.73
NCE-Others	RGS solar Power Project	3 KV SS Habsipur, Nalgonda	7.00	100.00	7.00	1.51	1.51	0.99					0.99	6.53	0.00	0.00	0.00	0.00	6.53
NCE-Others	SS Indus Solar Energy	V SS Kattangur, Nalgonda	2.00	100.00	2.00	3.76	3.76	2.43					2.43	6.47	0.00	0.00	0.00	0.00	6.47
NCE-Others	Starlite Global enter	V SS Sadasivapet, Nalgonda	3.00	100.00	3.00	5.14	5.14	3.29					3.29	6.40	0.00	0.00	0.00	0.00	6.40
NCE-Others	Photon Solar Power	SS Narayanakheda, Nalgonda	5.00	100.00	5.00	7.99	7.99	5.01					5.01	6.28	0.00	0.00	0.00	0.00	6.28
NCE-Others	Haldiram's Snacks	PS Kalwakurthy, Mahabubnagar	10.00	100.00	10.00	16.77	16.77	2.04					2.04	1.22	0.00	0.00	0.00	0.00	1.22
NCE-Others	Ushas Ventures Private	V Kodangal, Mahabubnagar	8.00	100.00	8.00	10.12	10.12	6.53					6.53	6.45	0.00	0.00	0.00	0.00	6.45
NCE-Others	Tri Solar Pvt Ltd.,	SS Marikal, Mahabubnagar	5.00	100.00	5.00	9.61	9.61	6.20					6.20	6.45	0.00	0.00	0.00	0.00	6.45
NCE-Others	Pemmasani Solar Pvt	V SS Makthal, Mahabubnagar	10.00	100.00	10.00	19.68	19.68	13.46					13.46	6.84	0.00	0.00	0.00	0.00	6.84
NCE-Others	M/s.Winsol Solar Fields	cherla, Mahabubnagar	10.00	100.00	10.00	17.60	17.60	12.03					12.03	6.84	0.00	0.00	0.00	0.00	6.84
NCE-Others	M/s.SP Solren Private	ur(V&M), Maheboobnagar	10.00	100.00	10.00	18.08	18.08	12.41					12.41	6.87	0.00	0.00	0.00	0.00	6.87
NCE-Others	M/s.Vcarve Renewables	SS Kulkulpally, Mahabubnagar	3.00	100.00	3.00	5.42	5.42	3.55					3.55	6.54	0.00	0.00	0.00	0.00	6.54
NCE-Others	M/s.Sunborne Energy	KV leeza SS, Mahabubnagar	35.00	100.00	35.00	69.05	69.05	44.41					44.41	6.43	0.00	0.00	0.00	0.00	6.43
NCE-Others	Global Coal & Mining	2/33 KV SS Parigi, Mahabubnagar	10.00	100.00	10.00	14.24	14.24	9.26					9.26	6.50	0.00	0.00	0.00	0.00	6.50
NCE-Others	NVVNL B.P. Solar					37.16	37.16	0.26	39.47				39.73	0.07	0.00	0.00	0.00	10.62	10.69
NCE-Others	GBI Claims Receivables												0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	New ERA Enviro Ved	Medak	8.00	100.00	8.00	13.09	13.09	8.29					8.29	6.33	0.00	0.00	0.00	0.00	6.33
NCE-Others	M/s.Abhyudaya Greeneries	RR	4.00	100.00	4.00	4.40	4.40	2.83					2.83	6.45	0.00	0.00	0.00	0.00	6.45
NCE-Others	M/s.Platinum Solar Fields	Nalgonda	2.00	100.00	2.00	3.12	3.12	2.00					2.00	6.43	0.00	0.00	0.00	0.00	6.43
NCE-Others	Arun Vidyut Private	Mahbubnagar	5.00	100.00	5.00	9.13	9.13	6.40					6.40	7.01	0.00	0.00	0.00	0.00	7.01
NCE-Others	M/s.Suraj Impex (India)	Nalgonda	2.00	100.00	2.00	3.04	3.04	2.04					2.04	6.72	0.00	0.00	0.00	0.00	6.72
NCE-Others	Premier Photovoltaic	Medak	8.00	100.00	8.00	8.96	8.96	5.74					5.74	6.40	0.00	0.00	0.00	0.00	6.40
NCE-Others	Maheswari Mining (India)	RR	10.00	100.00	10.00	13.22	13.22	8.43					8.43	6.38	0.00	0.00	0.00	0.00	6.38
NCE-Others	Maheswari Mining (India)	RR	10.00	100.00	10.00	12.94	12.94	8.31					8.31	6.42	0.00	0.00	0.00	0.00	6.42
NCE-Others	Karvy Solar Power	Medak	20.00	100.00	20.00	15.60	15.60	10.36					10.36	6.64	0.00	0.00	0.00	0.00	6.64
NCE-Others	Shinning Sun Power	Mahbubnagar	10.00	100.00	10.00	13.39	13.39	8.76					8.76	6.55	0.00	0.00	0.00	0.00	6.55
NCE-Others	Renew Akshay Urja	Mahbubnagar	100.00	100.00	100.00	135.76	135.76	91.07					91.07	6.71	0.00	0.00	0.00	0.00	6.71
NCE-Others	Earth Solar Power	Medak	5.00	100.00	5.00	4.23	4.23	2.73					2.73	6.45	0.00	0.00	0.00	0.00	6.45
NCE-Others	Premier Photo Meda	Medak	8.00	100.00	8.00	8.83	8.83	5.69					5.69	6.45	0.00	0.00	0.00	0.00	6.45
NCE-Others	International Solar	Mahbubnagar	5.00	100.00	5.00	2.83	2.83	1.87					1.87	6.60	0.00	0.00	0.00	0.00	6.60
NCE-Others	ReNew Akshay (Solar)	Medak	24.00	100.00	24.00	34.36	34.36	23.31					23.31	6.78	0.00	0.00	0.00	0.00	6.78
NCE-Others	Kirthi Power Solutions	Nalgonda	1.99	100.00	1.99	2.04	2.04	1.30					1.30	6.38	0.00	0.00	0.00	0.00	6.38
NCE-Others	Nirjara Solaire Urja	Medak	10.00	100.00	10.00	14.29	14.29	9.85					9.85	6.89	0.00	0.00	0.00	0.00	6.89
NCE-Others	Dayakara Solar Power	Mahbubnagar	30.00	100.00	30.00	37.11	37.11	25.37					25.37	6.84	0.00	0.00	0.00	0.00	6.84
NCE-Others	Cleansolar power	RR	30.00	100.00	30.00	31.72	31.72	21.81					21.81	6.87	0.00	0.00	0.00	0.00	6.87
NCE-Others	Grahati Solar Energy	Mahbubnagar	50.00	100.00	50.00	47.61	47.61	32.01					32.01	6.72	0.00	0.00	0.00	0.00	6.72
NCE-Others	Sparkman Solar Energy	Medak	2.00	100.00	2.00	2.24	2.24	1.49					1.49	6.68	0.00	0.00	0.00	0.00	6.68
NCE-Others	Polepally Solar Park	Mahabubnagar	25.00	100.00	25.00	33.17	33.17	21.34					21.34	6.43	0.00	0.00	0.00	0.00	6.43
NCE-Others	Winsol Solar Fields	Mahbubnagar	15.00	100.00	15.00	21.45	21.45	14.08					14.08	6.56	0.00	0.00	0.00	0.00	6.56
NCE-Others	M/s. Rays Powr Infra	Medak	2.00	100.00	2.00	4.34	4.34	2.80					2.80	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	M/s. Narbheram Visi	Nalgonda	15.00	100.00	15.00	8.73	8.73	4.97					4.97	5.70	0.00	0.00	0.00	0.00	5.70
NCE-Others	M/s NV Vogt Solar Co	Mahbubnagar	10.00	100.00	10.00	13.68	13.68	9.38					9.38	6.86	0.00	0.00	0.00	0.00	6.86
NCE-Others	Talettutayi Solar Projects	Mahbubnagar	10.00	100.00	10.00	13.67	13.67	9.38					9.38	6.86	0.00	0.00	0.00	0.00	6.86
NCE-Others	D.J. Malpani	Medak	16.25	100.00	16.25	31.50	31.50	20.35					20.35	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	L.B. Kunjir	Medak	2.00	100.00	2.00	3.68	3.68	2.38					2.38	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Marudhar Fshions	Medak	1.00	100.00	1.00	1.83	1.83	1.18					1.18	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Ravinder K. Resham	Medak	1.00	100.00	1.00	1.85	1.85	1.19					1.19	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Paramount Minerals	Medak	1.00	100.00	1.00	1.75	1.75	1.13					1.13	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Vikram Tea Process	Medak	1.50	100.00	1.50	2.92	2.92	1.89					1.89	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Sliver Line Investment	Medak	1.00	100.00	1.00	1.72	1.72	1.11					1.11	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Sansui Electronics	Medak	1.05	100.00	1.05	2.18	2.18	1.41					1.41	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Agarwal Enterprises	Medak	1.00	100.00	1.00	1.75	1.75	1.13					1.13	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Swaraj PVC Pipes Industries	Medak	1.00	100.00	1.00	1.83	1.83	1.18					1.18	6.46	0.00	0.00	0.00	0.00	6.46
NCE-Others	Govindram Shobhar	Medak	1.00	100.00	1.00	1.80	1.80	1.16											

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Industrial Waste based power project													0.00	0.00	0.00	0.00	0.00	0.00	0.00
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NCE-Others	M/s Narbheram Vihram		15	100.00	15.00	26.62	26.62	15.16						15.16	5.70	0.00	0.00	0.00	0.00	5.70
NCE-Others	M/s Mytrah Engery (I) Ltd		8	100.00	8.00	6.63	6.63	3.80						3.80	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Mytrah Engery (I) Ltd		15	100.00	15.00	12.44	12.44	7.12						7.12	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Mytrah Engery (I) Ltd		15	100.00	15.00	6.22	6.22	3.56						3.56	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Shalaka Infra-Tech (I) Pvt Ltd		15	100.00	15.00	6.22	6.22	3.56						3.56	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Mytrah Engery (I) Ltd		15	100.00	15.00	6.22	6.22	3.56						3.56	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Mytrah Engery (I) Ltd		15	100.00	15.00	6.22	6.22	3.56						3.56	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Ajay Kumar Ratilal Patel		2	100.00	2.00	3.36	3.36	1.92						1.92	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Gummadidala Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technologies S.L.)		15	100.00	15.00	6.22	6.22	3.56						3.56	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Thukkapur Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technologies S.L.)		15	100.00	15.00	6.22	6.22	3.56						3.56	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Enrich Energy Pvt Ltd		7	100.00	7.00	5.80	5.80	3.32						3.32	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Paramount Minerals & Chemicals Limited		2	100.00	2.00	1.66	1.66	0.95						0.95	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Mytrah Engery (I) Ltd		15	100.00	15.00	6.22	6.22	3.56						3.56	5.72	0.00	0.00	0.00	0.00	5.72
NCE-Others	M/s Mytrah Engery (I) Ltd		50	100.00	50.00	20.73	20.73	10.72						10.72	5.17	0.00	0.00	0.00	0.00	5.17
NCE-Others	M/s Transform Sun Energy Pvt Ltd (SPV of M/s Shapoorji Pallonji Infrastructure Cap.		100	100.00	100.00	116.40	116.40	65.00						65.00	5.58	0.00	0.00	0.00	0.00	5.58
NCE-Others	M/s SE Solar Ltd (SPV of M/s Suzlon Energy Limited)		100	100.00	100.00	82.91	82.91	44.54						44.54	5.37	0.00	0.00	0.00	0.00	5.37
NCE-Others	M/s Prathamesh Solar Farms Pvt Ltd (SPV of M/s Suzlon Energy Limited)		50	100.00	50.00	41.45	41.45	23.07						23.07	5.56	0.00	0.00	0.00	0.00	5.56
NCE-Others	M/s Surajkiran Renewable Resources Pvt Ltd (SPV of M/s Sky Power Southeast Asia I Investment)		50	100.00	50.00	20.73	20.73	11.60						11.60	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	Zuka Power Pvt Ltd (SPV of M/s Sun Edison)		48	100.00	48.00	19.90	19.90	11.13						11.13	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	M/s Mytrah Engery (I) Ltd		50	100.00	50.00	20.73	20.73	11.60						11.60	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	Acme Solar Power Technology Private Limited		50	100.00	50.00	20.73	20.73	11.60						11.60	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	M/s Dinkar Technologies Pvt Ltd (SPV of M/s Sky Power Southeast Asia I Investment)		25	100.00	24.77	20.54	20.54	11.49						11.49	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	M/s Surajkiran Solar Technologies Pvt Ltd (SPV of M/s Sky Power Southeast Asia III)		50	100.00	50.00	20.73	20.73	11.60						11.60	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	M/s Energon Soleq India Power Resources Pvt Ltd (Minipur)		50	100.00	50.00	90.13	90.13	49.95						49.95	5.54	0.00	0.00	0.00	0.00	5.54
NCE-Others	M/s Energon Soleq India Power Resources Pvt Ltd (Sadasivpet)		50	100.00	50.00	66.14	66.14	36.93						36.93	5.58	0.00	0.00	0.00	0.00	5.58
NCE-Others	Acme Fazilka Power Private Limited		50	100.00	50.00	41.45	41.45	23.19						23.19	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	M/s Acme Medak Solar Energy Private Limited (Acme Fazilka Power Private Limited)		45	100.00	45.00	52.26	52.26	29.24						29.24	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	M/s Surya Prakash Urja Bhoomi Pvt Ltd (SPV of M/s Renew Solar Power Private Lim		65	100.00	65.00	53.89	53.89	30.15						30.15	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	M/s Clean Solar Power (Chitradurga) Pvt Ltd (SPV/M/s Hero Solar Energy Private Lim		40	100.00	40.00	16.58	16.58	9.28						9.28	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	M/s Parampujya Solar Energy Pvt. Ltd., (DCR category)		50	100.00	50.00	27.56	27.56	14.30						14.30	5.19	0.00	0.00	0.00	0.00	5.19
NCE-Others	M/s Parampujya Solar Energy Pvt. Ltd.,		50	100.00	50.00	41.45	41.45	19.36						19.36	4.67	0.00	0.00	0.00	0.00	4.67
NCE-Others	M/s Renew Solar Power Pvt. Ltd.,		100	100.00	100.00	55.12	55.12	25.69						25.69	4.66	0.00	0.00	0.00	0.00	4.66
NCE-Others	M/s Azure Power India Pvt. Ltd.,		100	100.00	100.00	0.46	0.46	0.21						0.21	4.67	0.00	0.00	0.00	0.00	4.67
NCE-Others	M/s Dinkar Technologies Pvt Ltd (SPV of M/s Sky Power Southeast Asia I Investment)		25	100.00	24.77	10.27	10.27	5.75						5.75	5.59	0.00	0.00	0.00	0.00	5.59
NCE-Others	M/s Minopharm laboratories P Ltd		0	100.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	M/s ACME Yamunanagar Solar Power Pvt Ltd.,		10	100.00	10.00	8.29	8.29	3.87						3.87	4.67	0.00	0.00	0.00	0.00	4.67
NCE-Others	M/s ACME Yamunanagar Solar Power Pvt Ltd.,		10	100.00	10.00	8.29	8.29	3.87						3.87	4.67	0.00	0.00	0.00	0.00	4.67
NCE-Others	M/s Mytrah Engery (I) Ltd		15	100.00	15.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	NCE - Bundled Power NVNVL (solar) JNNSM Ph1		32.32	100.00	32.32	39.57	39.57	42.27						121.41	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
TOTAL NCE - Others			2345.86		2345.86	2496.25	2496.25	1515.89	0.00	0.00	0.00	0.00	1515.89	6.07	0.00	0.00	0.00	0.00	0.00	6.07
Total NCE			2488.71		2488.71	2759.09	2759.09	1646.27	0.00	0.00	0.00	0.00	1646.27	5.97	0.00	0.00	0.00	0.00	0.00	5.97

NCE Generation (Year 5)	
The total should be consistent with values provided in Form 1.4 under NCE.	

*The total should be consistent with values provided in Form 1.4 under NCE.

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M/s Cybercity Builders and Developers Pvt Ltd		5.00	100.00	5.00	8.31	8.31	5.74					5.74	6.90	0.00	0.00	0.00	0.00	6.90
M/s Keerthi Estates Pvt. Ltd		10.00	100.00	10.00	16.63	16.63	11.27					11.27	6.78	0.00	0.00	0.00	0.00	6.78
M/s Rohini Solares Private Limited (SPV of Minopharm Laboratories Pvt Limited)		5.00	100.00	5.00	8.31	8.31	5.66					5.66	6.81	0.00	0.00	0.00	0.00	6.81
M/s Winsol Solar Fields (Polepally) Private Limited (SPV of First Solar Power India Pr		50.00	100.00	50.00	83.14	83.14	53.62					53.62	6.45	0.00	0.00	0.00	0.00	6.45
M/s Suprasanna Solaire Energy Private Limited (SPV of M/s Solairedirect Energy India		20.00	100.00	20.00	33.25	33.25	21.91					21.91	6.59	0.00	0.00	0.00	0.00	6.59
M/s SATEC Envir Engineering (India) Pvt Ltd		8.00	100.00	8.00	13.30	13.30	7.31					7.31	5.50	0.00	0.00	0.00	0.00	5.50
M/s Rudra Solar Farms Ltd (SPV of M/s Suzlon Energy Limited)		15.00	100.00	15.00	24.94	24.94	13.97					13.97	5.60	0.00	0.00	0.00	0.00	5.60
M/s Mytrah Energy (I) Ltd		15.00	100.00	15.00	24.94	24.94	13.97					13.97	5.60	0.00	0.00	0.00	0.00	5.60
M/s Mytrah Energy (I) Ltd		15.00	100.00	15.00	24.94	24.94	14.08					14.08	5.65	0.00	0.00	0.00	0.00	5.65
M/s Mytrah Abhinav Power Private Ltd		8.00	100.00	8.00	13.30	13.30	7.57					7.57	5.69	0.00	0.00	0.00	0.00	5.69
M/s Mytrah Energy (I) Ltd		11.00	100.00	11.00	18.29	18.29	10.40					10.40	5.69	0.00	0.00	0.00	0.00	5.69
M/s Ghanpur Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technologies S.L.)		15.00	100.00	15.00	24.94	24.94	14.25					14.25	5.71	0.00	0.00	0.00	0.00	5.71
M/s Achampet Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technologies S.L.)		10.00	100.00	10.00	16.63	16.63	9.52					9.52	5.72	0.00	0.00	0.00	0.00	5.72
M/s GEA BGR Energy System India Ltd		2.00	100.00	2.00	3.33	3.33	1.90					1.90	5.72	0.00	0.00	0.00	0.00	5.72
M/s Avighna Solar Farms Ltd (SPV of M/s Suzlon Energy Limited)		15.00	100.00	15.00	24.94	24.94	13.72					13.72	5.50	0.00	0.00	0.00	0.00	5.50
M/s Narbheram Vishram		15.00	100.00	15.00	24.94	24.94	14.28					14.28	5.72	0.00	0.00	0.00	0.00	5.72
M/s Mytrah Energy (I) Ltd		8.00	100.00	8.00	13.30	13.30	7.62					7.62	5.72	0.00	0.00	0.00	0.00	5.72
M/s Mytrah Energy (I) Ltd		15.00	100.00	15.00	24.94	24.94	14.28					14.28	5.72	0.00	0.00	0.00	0.00	5.72
M/s Mytrah Energy (I) Ltd		15.00	100.00	15.00	24.94	24.94	14.28					14.28	5.72	0.00	0.00	0.00	0.00	5.72
M/s Shalaka Infra-Tech (I) Pvt Ltd		15.00	100.00	15.00	24.94	24.94	14.28					14.28	5.72	0.00	0.00	0.00	0.00	5.72
M/s Mytrah Energy (I) Ltd		15.00	100.00	15.00	24.94	24.94	14.28					14.28	5.72	0.00	0.00	0.00	0.00	5.72
M/s Mytrah Energy (I) Ltd		15.00	100.00	15.00	24.94	24.94	14.28					14.28	5.72	0.00	0.00	0.00	0.00	5.72
M/s Ajay Kumar Ratilal Patel		2.00	100.00	2.00	3.33	3.33	1.90					1.90	5.72	0.00	0.00	0.00	0.00	5.72
M/s Gummadidala Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technologies S.L.)		15.00	100.00	15.00	24.94	24.94	14.28					14.28	5.72	0.00	0.00	0.00	0.00	5.72
M/s Thukkapur Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technologies S.L.)		15.00	100.00	15.00	24.94	24.94	14.28					14.28	5.72	0.00	0.00	0.00	0.00	5.72
M/s Enrich Energy Pvt Ltd		7.00	100.00	7.00	11.64	11.64	6.66					6.66	5.72	0.00	0.00	0.00	0.00	5.72
M/s Paramount Minerals & Chemicals Limited		2.00	100.00	2.00	3.33	3.33	1.90					1.90	5.72	0.00	0.00	0.00	0.00	5.72
M/s Mytrah Energy (I) Ltd		15.00	100.00	15.00	24.94	24.94	14.28					14.28	5.72	0.00	0.00	0.00	0.00	5.72
M/s Mytrah Energy (I) Ltd		50.00	100.00	50.00	83.14	83.14	43.01					43.01	5.17	0.00	0.00	0.00	0.00	5.17
M/s Transform Sun Energy Pvt Ltd (SPV of M/s Shapoorji Pallonji Infrastructure Capita		100.00	100.00	100.00	166.27	166.27	93.03					93.03	5.59	0.00	0.00	0.00	0.00	5.59
M/s SE Solar Ltd (SPV of M/s Suzlon Energy Limited)		100.00	100.00	100.00	166.27	166.27	89.32					89.32	5.37	0.00	0.00	0.00	0.00	5.37
M/s Prathamesh Solar Farms Pvt Ltd (SPV of M/s Suzlon Energy Limited)		50.00	100.00	50.00	83.14	83.14	46.26					46.26	5.56	0.00	0.00	0.00	0.00	5.56
M/s Surajkiran Renewable Resources Pvt Ltd (SPV of M/s Sky Power Southeast Asia		50.00	100.00	50.00	83.14	83.14	46.51					46.51	5.59	0.00	0.00	0.00	0.00	5.59
Zuka Power Pvt Ltd (SPV of M/s Sun Edison)		48.00	100.00	48.00	79.81	79.81	44.65					44.65	5.59	0.00	0.00	0.00	0.00	5.59
M/s Mytrah Energy (I) Ltd		50.00	100.00	50.00	83.14	83.14	46.51					46.51	5.59	0.00	0.00	0.00	0.00	5.59
Acme Solar Power Technology Private Limited		50.00	100.00	50.00	83.14	83.14	46.51					46.51	5.59	0.00	0.00	0.00	0.00	5.59
M/s Dinkar Technologies Pvt Ltd (SPV of M/s Sky Power Southeast Asia I Investments		25.00	100.00	25.00	41.19	41.19	23.05					23.05	5.59	0.00	0.00	0.00	0.00	5.59
M/s Surajkiran Solar Technologies Pvt Ltd (SPV of M/s Sky Power Southeast Asia III In		50.00	100.00	50.00	83.14	83.14	46.51					46.51	5.59	0.00	0.00	0.00	0.00	5.59
M/s Energon Soleq India Power Resources Pvt Ltd (Minpur)		50.00	100.00	50.00	83.14	83.14	46.51					46.51	5.59	0.00	0.00	0.00	0.00	5.59
M/s Energon Soleq India Power Resources Pvt Ltd (Sadasiyvet)		50.00	100.00	50.00	83.14	83.14	46.51					46.51	5.59	0.00	0.00	0.00	0.00	5.59
Acme Fazilka Power Private Limited		50.00	100.00	50.00	83.14	83.14	46.51					46.51	5.59	0.00	0.00	0.00	0.00	5.59
M/s Acme Medak Solar Energy Private Limited (Acme Fazilka Power Private Limited)		45.00	100.00	45.00	74.82	74.82	41.86					41.86	5.59	0.00	0.00	0.00	0.00	5.59
M/s Surya Prakash Urja Bhoomi Pvt Ltd (SPV of M/s Renew Solar Power Private Limit		65.00	100.00	65.00	108.08	108.08	60.47					60.47	5.59	0.00	0.00	0.00	0.00	5.59
M/s Clean Solar Power (Chitradurga) Pvt Ltd (SPVM/s Hero Solar Energy Private Lim		40.00	100.00	40.00	66.51	66.51	37.21					37.21	5.59	0.00	0.00	0.00	0.00	5.59
M/s Parampujya Solar Energy Pvt. Ltd., (DCR category)		50.00	100.00	50.00	83.14	83.14	43.15					43.15	5.19	0.00	0.00	0.00	0.00	5.19
M/s Parampujya Solar Energy Pvt. Ltd.,		50.00	100.00	50.00	83.14	83.14	38.82					38.82	4.67	0.00	0.00	0.00	0.00	4.67
M/s Renew Solar Power Pvt. Ltd.,		100.00	100.00	100.00	166.27	166.27	77.48					77.48	4.66	0.00	0.00	0.00	0.00	4.66
M/s Azure Power India Pvt. Ltd.,		100.00	100.00	100.00	166.27	166.27	77.65					77.65	4.67	0.00	0.00	0.00	0.00	4.67
M/s Dinkar Technologies Pvt Ltd (SPV of M/s Sky Power Southeast Asia I Investments		25.00	100.00	25.00	41.19	41.19	23.05					23.05	5.59	0.00	0.00	0.00	0.00	5.59
M/s Minopharm laboratories P Ltd		0.00	100.00	0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00
M/s ACME Yamunanagar Solar Power Pvt Ltd.,		10.00	100.00	10.00	16.63	16.63	7.76					7.76	4.67	0.00	0.00	0.00	0.00	4.67
M/s ACME Yamunanagar Solar Power Pvt Ltd.,		10.00	100.00	10.00	16.63	16.63	7.76					7.76	4.67	0.00	0.00	0.00	0.00	4.67
M/s Mytrah Eneergy (I) Ltd		15.00	100.00	15.00	24.94	24.94	14.28					14.28	5.72	0.00	0.00	0.00	0.00	5.72
NCE - Bundled Power NVVNL (solar) JNNM Ph 1		32.32	100.00	32.32	39.69	39.69	42.43					42.43	10.69	0.00	0.00	0.00	0.00	10.69
		2346.31		2346.31	3877.85	3877.85	2278.84	0.00	0.00	0.00	0.00	2278.84	5.88	0.00	0.00	0.00	0.00	5.88
		2512.16		2512.16	4223.47	4223.47	2478.27	0.00	0.00	0.00	0.00	2478.27	5.87	0.00	0.00	0.00	0.00	5.87

Refer to Notes for the definition

Base Year

Generating Station	D Link	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)					
						Net Availability	Dispatch	Fixed	Variable	Incntv	Inc. Tax	Others	Total
TSGENCO													
Thermal													
VTPS I						3750.23							0.00
VTPS II						0.00							0.00
VTPS III						0.00							0.00
VTPS IV													0.00
RTPP I													0.00
RTPP Stage-II													0.00
RTPP Stage-III													0.00
KTPS A													0.00
KTPS B													0.00
KTPS C													0.00
KTPS D													0.00
KTPS Stage VI													0.00
RTS B													0.00
NTS													0.00
Kakatiya Thermal Power Plant Stage I													0.00
Kakatiya Thermal Power Plant Stage II													0.00
													0.00
						0.00							0.00
TOTAL THERMAL			0.00		0.00	13113.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MACHKUND PH AP Share						143.12							0.00
TUNGBHADRA PH AP Share						70.50							0.00
USL						207.92							0.00
LSR						574.66							0.00
DONKARAYI						53.12							0.00

Form 1.4b Sales to Licensees

Refers to the sales to other licensees/consumers within or outside the state, out of the approved quantum of power for regulated business

Base Year

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
A	TSAPSPDCL						
B							
C	TSNPDCL						
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
A	Bi-lateral Sales(PTC etc.)						
B	UI Sales						
C	Pool Transaction (Sales)						
D							
E							
F							
H							
I							
J							
K							
L							
Total			0.00	0.00		0.00	

2014-15

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
A	TSSPDCL						
B							
C	TSNPDCL						
D							
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
A	Bi-lateral Sales(PTC etc.)						
B	UI Sales						
C	Pool Transaction (Sales)						
D							
E							
F							
H							
I							
J							
K							
L							
Total			0.00	0.00		0.00	

2015-16

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
A	TSSPDCL						
B							
C	TSNPDCL						
D							
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
A	Bi-lateral Sales(PTC etc.)						
B	UI Sales						
C	Pool Transaction (Sales)						
D	Inter state sales						
E							
F							
H							
I							
J							
K							
L							
Total			0.00	0.00		0.00	

2016-17

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
A	TSSPDCL						
B							
C	TSNPDCL						
D							
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
A	Bi-lateral Sales(PTC etc.)						
B	UI Sales						
C	Pool Transaction (Sales)						
D	Inter state sales						
E							
F							
H							
I							
J							
K							
L							
Total			0.00	0.00		0.00	

2017-18

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
A	TSSPDCL						
B							
C	TSNPDCL						
D							
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
A	Bi-lateral Sales(PTC etc.)						
B	UI Sales						
C	Pool Transaction (Sales)						
D							
E							
F							
H							
I							
J							
K							
L							
Total			0.00	0.00		0.00	

2018-19

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
A	TSSPDCL						
B							
C	TSNPDCL						
D							
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
A	Bi-lateral Sales(PTC etc.)						
B	UI Sales						
C	Pool Transaction (Sales)						
D							
E							
F							
H							
I							
J							
K							
L							
Total			0.00	0.00		0.00	

Form 1.4c Discom-Discom Purchases

The information relates to the quantum of power purchased from Discoms within the state and forming part of **Form 1.4**.

Base year **Base Year**

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2					0.00	
3	TSNPDCL				0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Year 1 **2014-15**

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2					0.00	
3	TSNPDCL				0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Year 2 **2015-16**

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2					0.00	
3	TSNPDCL				0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Year 3 **2016-17**

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2					0.00	
3	TSNPDCL				0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Year 4 **2017-18**

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2					0.00	
3	TSNPDCL				0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Year 5 2018-19

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2					0.00	
3	TSNPDCL				0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Form 1.5 Interest on Consumer Security Deposits

		Amount (In Rs crores)						
Revenue Requirement Item (Rs. Crs.)		Details link	For Control Period					
			Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
A	Opening Balance		1999.80	1837.84	2023.21	2256.76	2580.86	2711.08
B	Additions during the Year		213.35	185.37	233.55	324.10	130.22	215.64
C	Deductions during the Year							
D	Closing Balance		2213.15	2023.21	2256.76	2580.86	2711.08	2926.72
E	Average Balance ((A+D)/2)		2106.48	1930.52	2139.98	2418.81	2645.97	2818.90
F	Interest @ % p.a. #		8.35	8.66	7.84	6.62	6.25	6.25
G	Interest Cost (E*F)		175.90	167.26	167.86	160.14	165.37	176.18

Note: Interest Rate to be entered as a number, e.g. interest rate of 4.56% should be typed as "4.56" in the cells.

Details of Actuals incurred (based on audited Annual Accounts)

I	Interest @ % p.a. #		8.35	8.66	7.84	6.62		
J	Interest Cost (E*F)		175.90	167.26	167.86	160.14	0.00	0.00

Form 1.6

Supply Margin

Amount (In Rs crores)

Particulars		Details link	For Control Period					
			Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
A	Supply Margin Amount		13.94	11.90	15.84	20.82	24.40	29.1995

Amount (In Rs crores)														
S.No.	Particulars	Details link	For Control Period						Remarks					
			Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
1	Reactive charges		0.52			2.98								
2	SLDC cost adj.			-1.20			2.42			load adjustment for 2 months due to state reorganisation			SLDC charges adjusted as	
3	Wheeling KPTCL					1.48							the old MYT order is	
4	Wheeling TNEB/Asset Maintenance					0.15							applicable till 19.06.2017	
5	Conjestion charges					0.30							and New MYT order w.e.f 20.06.2017	
6														
7														
8														
9														
10														
11														
12														
Total			0.52	-1.20	0.00	4.92	2.42	0.00						

Form 2

Cost of Service: Embedded Cost Method

Cost of Service: Embedded Cost Method

Consumer Categories	Detail Links	2018-19		
		Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)
LT Category		15284.71	22334.17	6.84
Category I (A&B) - Domestic	Form-3	5866.74	8322.51	7.05
Category II (A,B, C & D) - Non-domestic/Commercial	Form-13	1826.07	2572.94	7.10
Category III - Industrial		588.76	879.59	6.69
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		6.11	9.35	6.54
Category V (A, B & C) - Irrigation and Agriculture		6425.86	9765.40	6.58
Category VI (A & B) - Local Bodies, St. Lighting & PWS		509.38	706.34	7.21
Category VII (A & B) - General Purpose & Religious Places		59.44	75.04	7.92
Category VIII -Temporary Supply		2.34	3.01	7.80
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
HT Category at 11 KV		3478.41	5356.68	6.49
HT-I Industry		2283.96	3532.34	6.47
HT-I (B) Ferro-Alloys		0.19	0.17	11.15
HT-II - Others		1011.69	1549.56	6.53
HT-III Airports, Railway and Busstations		3.25	5.03	6.46
HT-IV A Lift Irrigation & Agriculture		25.35	40.55	6.25
HT - IV (B) Composite P.W.S Schemes		57.18	91.47	6.25
HT-VI Townships and Residential Colonies		73.53	100.30	7.33
HT-VII - Green Power				
HT - VII - Temporary Supply		23.25	37.26	6.24
HT- RESCOs			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
HT Category at 33 KV		2294.51	4215.42	5.44
HT-I Industry		1752.28	3219.27	5.44
HT-I (B) Ferro-Alloys		0.00	0.00	0.00

Form 2

Cost of Service: Embedded Cost Method

Cost of Service: Embedded Cost Method

Consumer Categories	Detail Links	2018-19		
		Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)
HT-II - Others		393.51	672.20	5.85
HT-III Airports, Railway and Busstations		0.00	0.00	0.00
HT-IV A Lift Irrigation & Agriculture		18.44	45.04	4.10
HT - IV (B) Composite P.W.S Schemes		90.38	220.71	4.10
HT-VI Townships and Residential Colonies		39.89	58.20	6.85
HT-VII - Green Power				
HT - VII - Temporary Supply			0.00	0.00
HT- RESCOs			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
HT Category at 132 KV		2461.51	4527.98	5.44
HT-I Industry		1122.91	2151.38	5.22
HT-I (B) Ferro-Alloys		67.70	141.75	4.78
HT-II - Others		86.31	163.11	5.29
HT-III Airports, Railway and Busstations		30.04	63.30	4.75
HT-IV A Lift Irrigation & Agriculture		971.36	1717.45	5.66
HT - IV (B) Composite P.W.S Schemes			0.00	0.00
HT-V (A) Railway Traction		103.29	171.00	6.04
HT-V (B) HMR		79.90	120.00	6.66
HT-VI Townships and Residential Colonies			0.00	0.00
HT-VII - Green Power				
HT - VII - Temporary Supply			0.00	0.00
HT- RESCOs			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
Total		23519.14	36434.26	6.46

Form 3

Sales Forecast

Base Year

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		1665.87	1705.34	1324.11	1478.21	1710.27	1568.35	1529.15	1389.63	1619.64	1865.55	1691.47	2018.58	19566.18
Category I (A&B) - Domestic		643.95	679.95	534.59	531.90	552.64	548.60	525.61	488.24	464.10	491.50	463.51	599.96	6524.54
Category II (A,B & C) - Non-domestic/Commercial		195.82	207.85	170.80	167.04	169.01	167.75	161.72	154.29	147.26	155.40	144.89	178.22	2020.05
Category III (A & B) - Industrial		82.02	83.24	78.37	79.65	74.88	74.58	73.01	83.35	90.61	87.12	77.21	78.76	962.81
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		1.36	1.42	1.42	1.52	1.38	1.47	1.22	1.46	1.46	1.51	1.28	1.43	16.95
Category V (A, B & C) - Irrigation and Agriculture		673.19	665.41	472.76	629.84	844.56	709.42	698.76	589.32	841.15	1053.13	929.92	1083.04	9190.49
Category VI (A & B) - Local Bodies, St. Lighting & PWS		62.91	61.36	60.33	61.47	61.41	60.30	63.05	66.63	69.60	70.94	68.68	70.09	776.76
Category VII (A & B) - General Purpose & Religious Places		6.52	6.00	5.75	6.70	6.31	6.16	5.72	6.26	5.39	5.88	5.90	6.98	73.58
Category VIII -Temporary Supply		0.10	0.10	0.08	0.09	0.08	0.07	0.07	0.09	0.07	0.07	0.09	0.09	1.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 11 KV		303.44	334.99	336.63	313.01	327.50	342.84	327.50	341.38	335.95	339.70	353.79	310.25	3966.97
HT-I Industry		186.94	209.00	213.44	203.40	217.53	227.51	216.58	232.21	235.50	237.96	248.25	212.72	2641.02
HT-I (B) Ferro-Alloys		0.81	0.26	0.01	0.01	0.01	0.56	1.10	1.22	1.19	0.72	1.22	0.00	7.09
HT-II - Others		98.17	107.31	105.98	90.66	92.99	95.24	90.81	88.10	80.30	80.89	84.21	78.05	1092.70
HT-III Airports, Railway and Busstations		0.00	0.57	0.56	0.52	0.54	0.56	0.56	0.52	0.50	0.51	0.50	1.06	6.38
HT-IV A Lift Irrigation & Agriculture		1.52	1.03	0.49	0.65	1.27	3.26	3.45	3.44	2.77	3.98	4.51	4.34	30.70
HT- IV B - CP Water Supply Schemes		3.83	3.62	3.77	6.62	4.06	4.06	4.32	4.99	4.84	4.60	4.50	4.32	53.53
HT-VI Townships and Residential Colonies		8.13	8.93	8.15	7.11	7.20	7.59	7.03	7.12	6.91	6.99	6.45	6.31	87.91
HT-VII - Green Power		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - VIII - Temporary Supply		4.04	4.27	4.22	4.06	3.92	4.07	3.67	3.78	3.95	4.05	4.15	3.45	47.63
HT- RESCOs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 33 KV		369.23	371.73	346.59	347.49	384.60	415.04	412.62	388.88	385.46	439.13	502.38	396.31	4759.47
HT-I Industry		298.38	302.02	280.31	285.86	314.89	337.90	340.81	316.89	318.22	370.04	420.89	328.45	3914.67
HT-I (B) Ferro-Alloys		16.47	14.83	14.54	15.59	20.98	25.82	22.62	23.68	23.91	24.67	27.29	23.14	253.53
HT-II - Others		46.95	49.10	46.75	40.84	41.71	44.60	42.44	41.16	36.70	36.69	46.23	38.03	511.19
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-IV A Lift Irrigation & Agriculture		1.99	0.18	0.04	0.86	2.16	2.30	2.28	2.44	2.28	3.18	3.22	2.31	23.25
HT- IV B - CP Water Supply Schemes		2.15	1.92	1.68	1.83	2.24	1.80	1.96	2.24	2.03	2.20	2.29	2.07	24.42
HT-VI Townships and Residential Colonies		3.29	3.68	3.26	2.52	2.63	2.62	2.51	2.48	2.32	2.34	2.46	2.30	32.41
HT-VII - Green Power		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - VIII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT- RESCOs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0.00

														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 132 KV		287.28	254.56	253.76	255.32	295.62	323.62	320.14	304.45	287.07	332.33	363.46	299.49	3577.10
HT-I Industry		215.40	199.23	202.42	211.20	219.06	225.55	229.56	215.89	222.31	245.66	255.33	211.67	2653.29
HT-I (B) Ferro-Alloys		15.78	13.71	11.62	7.92	6.85	5.85	5.45	6.05	7.10	6.86	8.77	8.39	104.35
HT-II - Others		3.71	4.25	4.14	3.43	3.19	3.50	3.18	3.24	2.86	2.67	2.95	2.80	39.92
HT-III Airports, Railway and Busstations		5.09	5.39	5.29	4.57	4.55	4.84	4.68	4.38	4.01	4.09	4.28	4.08	55.25
HT-IV A Lift Irrigation & Agriculture		35.38	19.47	17.85	15.99	50.34	70.81	64.23	61.33	38.39	57.30	77.33	58.31	566.73
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-V Railway Traction		11.92	12.53	12.44	12.22	11.63	13.07	13.03	13.55	12.39	15.75	14.79	14.24	157.56
HT-VI Townships and Residential Colonies		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-VII - Green Power		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - VIII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT- RESCOs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
Total		2625.82	2666.62	2261.08	2394.04	2718.00	2649.85	2589.41	2424.35	2628.12	2976.71	2911.10	3024.62	31869.73

2014-15

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		1454.62	1326.12	1259.41	1356.07	1471.05	1453.63	1415.96	1195.53	1324.26	1342.00	1275.46	1621.07	16495.18
Category I (A&B) - Domestic		584.11	627.06	553.80	478.30	507.10	535.54	461.68	451.20	470.51	442.21	464.19	583.37	6159.07
Category II (A,B & C) - Non-domestic/Commercial		172.88	186.28	167.00	150.18	151.72	161.81	142.33	144.33	148.51	140.44	149.26	178.29	1893.01
Category III (A & B) - Industrial		61.00	65.61	59.51	59.89	58.56	61.30	55.84	65.91	73.73	66.72	62.28	66.99	757.33
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.74	0.76	0.67	0.77	0.66	0.72	0.71	0.79	0.82	0.75	0.70	0.83	8.92
Category V (A, B & C) - Irrigation and Agriculture		574.45	385.41	418.36	605.91	691.16	631.92	693.16	470.88	566.65	628.57	539.32	727.07	6932.86
Category VI (A & B) - Local Bodies, St. Lighting & PWS		56.87	56.65	55.44	56.34	57.15	57.69	57.95	57.77	59.24	59.11	55.02	59.26	688.48
Category VII (A & B) - General Purpose & Religious Places		4.51	4.29	4.57	4.64	4.64	4.59	4.22	4.58	4.75	4.12	4.60	5.19	54.70
Category VIII -Temporary Supply		0.07	0.07	0.06	0.04	0.06	0.06	0.07	0.08	0.06	0.08	0.09	0.08	0.81
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 11 KV		337.89	348.84	369.49	325.83	324.77	345.07	315.74	332.29	343.39	342.02	351.69	328.80	4065.83
HT-I Industry		217.86	218.92	232.89	213.13	213.62	225.27	200.65	216.66	232.57	234.02	236.58	220.74	2662.92
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-II - Others		100.45	114.26	120.88	99.24	96.39	102.81	97.28	97.40	93.63	89.49	96.05	92.01	1199.89
HT-III Airports, Railway and Busstations		0.38	0.50	0.42	0.35	0.35	0.50	0.50	0.50	0.46	0.45	0.45	0.45	5.31
HT-IV A Lift Irrigation & Agriculture		5.54	1.13	0.66	0.87	1.75	3.11	4.40	4.25	3.28	4.57	5.09	4.45	39.08
HT- IV B - CP Water Supply Schemes		3.61	3.71	3.56	3.04	3.39	3.70	3.67	4.12	4.07	4.07	4.10	2.94	43.98
HT-VI Townships and Residential Colonies		6.62	7.20	7.69	6.28	6.00	6.25	6.26	6.00	5.90	6.04	6.21	5.54	76.00
HT-VII - Green Power		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT -VIII - Temporary Supply		3.43	3.13	3.37	2.93	3.28	3.43	2.98	3.36	3.48	3.40	3.20	2.67	38.66
HT - RESCOs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 33 KV		396.09	371.83	425.87	391.86	388.22	386.86	375.96	367.60	390.09	381.61	385.07	372.99	4634.04
HT-I Industry		340.44	314.68	362.67	336.43	332.93	330.30	318.27	313.29	338.10	331.39	334.78	324.96	3978.24
HT-I (B) Ferro-Alloys		5.42	5.71	6.68	5.55	5.88	7.02	6.25	6.23	7.04	5.78	5.40	4.55	71.53
HT-II - Others		44.60	47.19	52.18	46.08	44.68	44.46	45.83	41.12	39.07	37.71	38.01	36.80	517.72
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-IV A Lift Irrigation & Agriculture		1.79	0.40	0.13	0.47	1.62	1.94	2.22	2.16	1.57	2.49	2.35	1.95	19.10
HT- IV B - CP Water Supply Schemes		0.39	0.38	0.32	0.35	0.31	0.30	0.31	0.31	0.33	0.29	0.31	0.26	3.86
HT-VI Townships and Residential Colonies		3.46	3.46	3.89	2.98	2.80	2.84	2.95	2.70	2.60	2.66	2.77	2.60	35.72
HT-VII - Green Power		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT -VIII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.13	1.77	1.38	1.28	1.44	1.88	7.88
HT - RESCOs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 132 KV		226.64	200.23	217.40	207.69	268.83	259.51	257.47	260.78	264.25	251.50	235.06	234.12	2883.48

HT-I Industry		156.68	150.00	156.13	159.46	169.73	178.30	170.96	179.47	186.53	204.39	180.54	176.81	2069.01
HT-I (B) Ferro-Alloys		7.34	8.59	8.84	11.83	12.70	9.19	13.67	14.61	12.69	13.27	12.12	10.53	135.38
HT-II - Others		3.79	4.14	4.75	4.38	4.13	4.16	4.02	3.56	3.46	3.41	3.68	3.88	47.37
HT-III Airports, Railway and Busstations		5.20	5.23	5.69	5.07	4.99	5.26	4.81	4.58	4.24	4.14	4.34	4.44	57.98
HT-IV A Lift Irrigation & Agriculture		38.29	16.87	27.38	11.89	63.19	48.88	50.58	45.73	44.52	12.01	20.69	26.78	406.82
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-V Railway Traction		15.34	15.40	14.62	15.06	14.10	13.71	13.44	12.82	12.80	14.27	13.69	11.68	166.92
HT-VI Townships and Residential Colonies		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-VII - Green Power		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT -VIII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - RESCOs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0.00
														0.00
														0.00
														0.00
														0.00
Total		2415.25	2247.02	2272.17	2281.46	2452.87	2445.07	2365.14	2156.20	2321.99	2317.12	2247.27	2556.99	28078.54

2015-16

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		1345.91	1475.90	1194.82	1579.18	1509.98	1399.14	1512.49	1360.73	1425.66	1414.72	1431.30	1660.71	17310.54
Category I (A&B) - Domestic		641.81	689.42	571.52	621.12	587.86	559.20	576.77	521.29	516.58	499.08	549.35	687.42	7021.44
Category II (A,B & C) - Non-domestic/Commercial		194.42	198.23	176.87	190.09	182.25	169.95	177.88	168.54	171.05	168.18	180.05	210.01	2187.51
Category III (A & B) - Industrial		69.29	64.19	63.44	64.76	64.80	59.44	62.03	66.84	73.58	74.82	68.22	70.85	802.25
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.80	0.76	0.74	0.74	0.79	0.67	0.77	0.70	0.84	0.66	0.80	0.84	9.12
Category V (A, B & C) - Irrigation and Agriculture		374.80	459.53	318.89	638.48	609.98	544.50	630.08	538.58	598.33	608.24	569.39	626.87	6517.67
Category VI (A & B) - Local Bodies, St. Lighting & PWS		59.85	59.18	58.69	58.33	58.78	60.11	60.18	59.61	60.14	59.05	57.68	58.11	709.69
Category VII (A & B) - General Purpose & Religious Places		4.86	4.47	4.58	5.56	5.42	5.18	4.67	5.08	5.01	4.56	5.67	6.45	61.49
Category VIII -Temporary Supply		0.08	0.12	0.09	0.10	0.10	0.09	0.11	0.10	0.12	0.14	0.14	0.17	1.36
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 11 KV		381.81	381.40	391.84	371.25	376.77	367.52	346.53	373.32	360.40	355.51	362.43	365.51	4434.30
HT-I Industry		250.97	246.57	250.49	245.98	247.99	240.60	227.82	241.31	246.52	247.79	246.65	241.35	2934.05
HT-I (B) Ferro-Alloys			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-II - Others		113.66	120.07	126.38	111.45	114.93	113.59	105.72	110.78	100.13	94.79	102.86	110.85	1325.20
HT-III Airports, Railway and Busstations		0.51	0.53	0.56	0.46	0.49	0.46	0.44	0.50	0.42	0.40	0.41	0.48	5.65
HT-IV A Lift Irrigation & Agriculture		3.42	0.72	0.36	0.65	0.70	0.70	0.75	8.30	1.46	1.09	0.82	0.68	19.63
HT- IV B - CP Water Supply Schemes		3.31	3.13	3.23	3.16	3.02	2.79	2.96	3.42	2.87	2.76	2.65	2.47	35.76
HT-VI Townships and Residential Colonies		7.13	7.29	7.93	6.64	6.66	6.49	6.17	6.13	5.96	5.85	6.29	6.85	79.38
HT-VII - Green Power														0.00
HT -VIII - Temporary Supply		2.82	3.10	2.90	2.90	2.98	2.90	2.67	2.88	3.05	2.83	2.75	2.83	34.62
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 33 KV		428.70	395.91	413.81	391.44	433.79	426.75	399.10	393.36	352.64	338.73	311.26	314.15	4599.64
HT-I Industry		371.03	339.82	353.85	336.71	376.80	370.28	345.95	339.74	302.48	291.68	262.22	264.70	3955.27
HT-I (B) Ferro-Alloys		4.46	3.79	3.97	2.75	3.02	2.61	2.18	1.97	1.12	0.00	0.00	0.00	25.86
HT-II - Others		45.99	46.55	51.14	47.64	49.26	48.65	45.70	45.21	44.22	41.71	43.94	45.08	555.09
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-IV A Lift Irrigation & Agriculture		1.82	0.38	0.22	0.92	1.26	1.77	1.87	3.00	1.65	2.54	2.06	0.96	18.45
HT- IV B - CP Water Supply Schemes		0.27	0.19	0.28	0.26	0.24	0.31	0.27	0.25	0.22	0.06	0.01	0.01	2.35
HT-VI Townships and Residential Colonies		3.54	3.81	4.07	3.15	3.20	3.14	3.14	3.19	2.95	2.74	3.04	3.41	39.39
HT-VII - Green Power														0.00
HT -VIII - Temporary Supply		1.58	1.37	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.23
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 132 KV		259.44	210.58	213.75	212.20	250.47	259.65	246.93	241.66	217.05	211.06	203.93	212.74	2739.46

HT-I Industry		190.35	156.55	157.92	154.35	183.76	182.08	159.41	178.37	161.62	171.77	147.92	157.71	2001.80
HT-I (B) Ferro-Alloys		12.68	11.33	9.02	11.88	12.76	12.75	11.60	16.71	15.32	4.35	5.74	5.52	129.67
HT-II - Others		5.07	5.57	5.50	4.98	5.56	4.94	4.50	4.51	4.36	3.87	4.71	4.95	58.52
HT-III Airports, Railway and Busstations		4.97	5.44	5.80	5.23	5.47	5.41	4.88	4.78	4.12	3.83	4.04	4.37	58.34
HT-IV A Lift Irrigation & Agriculture		32.68	18.07	22.14	23.69	30.78	42.40	55.76	25.60	19.57	14.43	29.44	28.33	342.89
HT- IV B - CP Water Supply Schemes														0.00
HT-V Railway Traction		13.70	13.62	13.37	12.06	12.14	12.06	10.78	11.69	12.06	12.81	12.09	11.86	148.24
HT-VI Townships and Residential Colonies														0.00
HT-VII - Green Power														0.00
HT -VIII - Temporary Supply														0.00
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
Total		2415.87	2463.80	2214.22	2554.06	2571.00	2453.06	2505.04	2369.07	2355.76	2320.02	2308.93	2553.11	29083.94

2016-17

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		1566.65	1512.49	1294.52	1431.78	1780.03	1412.40	1647.42	1517.40	1729.59	1820.76	1743.90	2177.43	19634.36
Category I (A&B) - Domestic		767.83	696.70	614.17	584.17	603.57	541.49	558.87	492.03	508.01	488.86	534.46	693.87	7084.04
Category II (A,B,C & D) - Non-domestic/Commercial		220.95	203.62	190.15	182.09	189.48	166.24	178.13	162.92	167.11	160.30	174.97	212.83	2208.81
Category III - Industrial		69.70	67.76	65.95	66.36	66.71	59.46	65.85	67.06	75.04	67.80	67.47	73.51	812.65
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.82	0.81	0.82	0.85	0.73	0.77	0.73	0.75	0.80	0.73	0.71	0.81	9.34
Category V (A, B & C) - Irrigation and Agriculture		443.82	483.30	362.31	536.48	856.23	583.23	780.97	732.23	914.56	1040.00	902.25	1132.25	8767.64
Category VI (A & B) - Local Bodies, St. Lighting & PWS		57.75	55.40	55.43	56.05	57.26	55.98	57.45	57.08	58.71	57.99	58.27	57.40	684.76
Category VII (A & B) - General Purpose		5.62	4.76	5.54	5.61	5.87	5.08	5.24	5.12	5.16	4.87	5.58	6.56	65.01
Category VIII -Temporary Supply		0.15	0.15	0.15	0.16	0.18	0.14	0.18	0.21	0.20	0.21	0.17	0.21	2.11
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 11 KV		411.68	378.15	394.38	368.15	368.32	374.45	342.36	374.51	355.68	367.01	386.12	369.72	4490.53
HT-I Industry Segregated		262.86	237.60	255.66	244.53	242.90	243.90	224.83	252.00	243.86	253.35	264.41	245.18	2971.10
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.10
HT-II - Others		132.80	127.30	125.68	112.04	112.92	116.73	104.80	106.69	97.74	97.80	104.93	107.08	1346.51
HT-III Airports, Railway and Busstations		0.55	0.50	0.53	0.45	0.43	0.43	0.39	0.38	0.34	0.37	0.37	0.41	5.14
HT -IV A Govt Lift Irrigation		1.11	0.10	0.08	0.35	1.56	2.06	1.91	3.59	2.87	3.72	4.35	4.40	26.12
HT- IV B - CP Water Supply Schemes		2.45	2.15	2.31	2.06	1.86	1.90	2.08	2.80	2.42	2.52	2.76	2.87	28.18
HT-VI Townships and Residential Colonies		8.67	7.88	7.69	6.41	6.24	6.78	5.88	6.42	5.79	6.39	6.54	6.90	81.58
HT -VII - Temporary Supply		3.24	2.60	2.44	2.31	2.40	2.64	2.48	2.62	2.65	2.83	2.72	2.86	31.80
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 33 KV		408.27	374.15	342.04	294.70	287.23	299.09	276.37	311.07	276.92	271.99	286.70	298.04	3726.57
HT-I Industry Segregated		348.62	315.95	281.04	240.70	228.15	241.93	222.10	254.69	225.03	222.17	233.63	245.99	3059.99
HT-I (B) Ferro-Alloys		0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-II - Others		54.47	53.86	56.78	50.41	53.95	50.81	48.90	48.27	45.14	43.62	46.48	46.26	598.96
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT -IV A Govt Lift Irrigation		0.53	0.24	0.31	0.44	1.85	3.01	2.37	4.92	3.32	2.63	2.98	2.03	24.64
HT- IV B - CP Water Supply Schemes		0.01	0.01	0.01	0.01	0.00	0.01	0.03	0.04	0.10	0.13	0.02	0.02	0.39
HT-VI Townships and Residential Colonies		4.64	4.09	3.91	3.14	3.27	3.34	2.98	3.15	3.33	3.43	3.58	3.74	42.59
HT -VII - Temporary Supply			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 132 KV		261.79	217.78	212.36	188.73	261.38	298.01	277.39	295.36	271.40	258.32	251.25	198.96	2992.72
HT-I Industry Segregated		196.00	160.70	154.18	141.20	142.87	151.32	132.16	151.49	131.11	134.99	131.69	142.31	1770.02
HT-I (B) Ferro-Alloys		12.20	14.66	16.92	14.38	13.18	14.56	16.10	14.06	11.74	11.02	11.25	9.78	159.87

HT-II - Others		5.80	6.17	6.45	5.59	5.10	4.97	5.94	5.38	4.81	4.81	4.32	4.34	63.68
HT-III Airports, Railway and Busstations		5.02	4.92	5.45	5.02	4.97	4.92	4.68	4.51	3.89	4.00	3.94	4.06	55.37
HT -IV A Govt Lift Irrigation		31.27	19.86	17.21	12.46	84.03	109.78	106.61	108.48	108.37	90.57	86.83	26.78	802.27
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-V (A) Railway Traction		11.49	11.48	12.15	10.07	11.22	12.46	11.91	11.44	11.48	12.94	13.21	11.68	141.52
HT-V (B) HMR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-VI Townships and Residential Colonies			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT -VII - Temporary Supply			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
Total		2648.40	2482.56	2243.30	2283.36	2696.96	2383.95	2543.54	2498.35	2633.58	2718.07	2667.96	3044.15	30844.18

2017-18

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		1944.62	1774.13	1399.46	1874.67	2081.71	1982.50	1589.55	1538.58	1786.11	1645.08	1632.50	1984.79	21233.70
Category I (A&B) - Domestic		793.27	841.61	630.23	621.75	643.28	617.95	608.80	535.98	553.40	532.53	582.21	755.85	7716.86
Category II (A,B,C & D) - Non-domestic/Commercial		230.75	239.93	198.46	196.83	200.15	191.17	194.32	177.73	182.30	174.87	190.87	232.17	2409.56
Category III - Industrial		72.14	74.72	65.93	68.12	67.00	63.68	68.45	69.71	78.01	70.48	70.14	76.41	844.80
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.78	0.81	0.75	0.77	0.71	0.71	0.75	0.77	0.82	0.75	0.73	0.83	9.16
Category V (A, B & C) - Irrigation and Agriculture		783.86	555.37	442.58	925.05	1109.80	1052.51	652.77	690.40	905.91	801.82	722.89	853.66	9496.62
Category VI (A & B) - Local Bodies, St. Lighting & PWS		57.52	55.81	55.64	55.87	54.12	50.89	58.60	58.22	59.88	59.15	59.44	58.55	683.69
Category VII (A & B) - General Purpose		6.04	5.60	5.67	6.04	6.40	5.36	5.67	5.54	5.58	5.26	6.03	7.09	70.28
Category VIII -Temporary Supply		0.25	0.27	0.21	0.23	0.25	0.23	0.20	0.23	0.22	0.24	0.19	0.23	2.73
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 11 KV		437.48	421.40	438.75	393.99	410.26	427.28	376.15	412.19	391.40	404.10	425.24	407.04	4945.28
HT-I Industry Segregated		280.71	267.55	281.42	262.00	271.37	282.66	248.75	278.81	269.81	280.30	292.53	271.26	3287.17
HT-I (B) Ferro-Alloys		0.03	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.17
HT-II - Others		136.67	136.93	140.90	117.95	123.46	127.14	112.81	114.84	105.21	105.27	112.95	115.26	1449.38
HT-III Airports, Railway and Busstations		0.47	0.45	0.47	0.40	0.41	0.42	0.40	0.39	0.35	0.38	0.38	0.42	4.93
HT -IV A Govt Lift Irrigation		3.47	0.53	0.33	0.74	1.35	2.22	2.54	4.77	3.82	4.95	5.78	5.85	36.37
HT- IV B - CP Water Supply Schemes		3.09	2.90	2.73	2.58	2.71	3.17	2.80	3.78	3.26	3.39	3.73	3.88	38.02
HT-VI Townships and Residential Colonies		9.72	9.86	9.60	7.11	7.67	7.90	6.33	6.92	6.24	6.89	7.05	7.43	92.73
HT -VII - Temporary Supply		3.32	3.17	3.31	3.18	3.28	3.78	2.53	2.68	2.70	2.89	2.78	2.92	36.52
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 33 KV		347.23	347.36	356.87	306.86	344.92	384.34	285.31	321.50	286.02	280.72	295.99	307.27	3864.38
HT-I Industry Segregated		283.33	282.05	288.67	249.68	282.04	316.52	226.54	259.79	229.53	226.62	238.30	250.91	3133.97
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-II - Others		56.59	59.10	61.02	51.89	55.10	58.12	52.19	51.51	48.17	46.55	49.60	49.37	639.22
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT -IV A Govt Lift Irrigation		1.71	0.37	1.56	1.28	3.28	5.28	3.17	6.58	4.43	3.51	3.98	2.71	37.84
HT- IV B - CP Water Supply Schemes		0.05	0.07	0.12	0.10	0.33	0.20	0.03	0.04	0.10	0.13	0.03	0.02	1.22
HT-VI Townships and Residential Colonies		5.54	5.77	5.51	3.91	4.17	4.23	3.39	3.58	3.79	3.90	4.08	4.25	52.12
HT -VII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 132 KV		217.38	201.18	205.96	181.99	226.94	293.21	283.74	305.46	293.56	280.28	273.07	219.70	2982.48
HT-I Industry Segregated		150.71	145.06	156.19	128.28	149.01	163.40	134.80	157.95	137.15	141.11	137.75	148.58	1749.98
HT-I (B) Ferro-Alloys		7.78	9.03	11.80	11.31	11.34	10.90	16.42	14.34	11.97	11.24	11.48	9.98	137.60
HT-II - Others		5.99	6.37	6.13	4.97	5.11	5.37	6.05	5.49	10.15	10.16	9.66	9.68	85.13
HT-III Airports, Railway and Busstations		5.34	5.53	6.09	5.42	5.50	5.91	5.21	5.03	4.34	4.46	4.39	4.53	61.75
HT -IV A Govt Lift Irrigation		34.80	22.58	11.77	18.45	41.74	92.78	108.74	110.65	110.54	92.39	88.57	27.32	760.32
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-V (A) Railway Traction		12.76	12.62	13.98	13.56	14.24	14.85	12.51	12.01	12.16	13.68	13.97	12.36	158.70
HT-V (B) HMR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.25	7.25	7.25	7.25	29.00

HT-VI Townships and Residential Colonies		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT -VII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
Total		2946.71	2744.07	2401.05	2757.50	3063.83	3087.33	2534.75	2577.74	2757.09	2610.19	2626.79	2918.80	33025.84

2018-19

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		1813.72	1869.68	1489.75	1702.36	1992.42	1704.84	1806.27	1719.25	1923.74	1987.97	1953.57	2370.61	22334.17
Category I (A&B) - Domestic		855.53	907.66	679.69	670.55	693.77	666.45	656.58	578.05	596.83	574.32	627.90	815.17	8322.51
Category II (A,B,C & D) - Non-domestic/Commercial		246.39	256.19	211.92	210.18	213.72	204.13	207.50	189.78	194.66	186.72	203.81	247.92	2572.94
Category III - Industrial		75.11	77.80	68.64	70.92	69.76	66.31	71.27	72.59	81.22	73.39	73.03	79.56	879.59
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.80	0.83	0.76	0.79	0.72	0.72	0.76	0.78	0.84	0.76	0.74	0.84	9.35
Category V (A, B & C) - Irrigation and Agriculture		569.74	563.24	464.96	685.48	951.40	708.62	803.37	811.75	982.16	1085.82	980.05	1158.82	9765.40
Category VI (A & B) - Local Bodies, St. Lighting & PWS		59.42	57.67	57.50	57.73	55.94	52.64	60.52	60.14	61.84	61.08	61.38	60.48	706.34
Category VII (A & B) - General Purpose		6.45	5.98	6.06	6.45	6.83	5.72	6.05	5.91	5.96	5.62	6.44	7.57	75.04
Category VIII -Temporary Supply		0.27	0.30	0.23	0.26	0.28	0.25	0.21	0.25	0.24	0.26	0.21	0.25	3.01
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 11 KV		473.58	456.20	474.81	426.85	444.32	462.59	407.81	446.59	424.26	437.95	460.66	441.08	5356.68
HT-I Industry Segregated		301.64	287.50	302.41	281.55	291.61	303.74	267.30	299.61	289.93	301.21	314.35	291.49	3532.34
HT-I (B) Ferro-Alloys		0.03	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.03	0.03	0.03	0.17
HT-II - Others		146.12	146.39	150.63	126.10	131.99	135.93	120.60	122.78	112.48	112.55	120.76	123.22	1549.56
HT-III Airports, Railway and Busstations		0.47	0.46	0.48	0.41	0.42	0.43	0.40	0.40	0.36	0.38	0.39	0.43	5.03
HT -IV A Govt Lift Irrigation		3.87	0.59	0.37	0.83	1.51	2.47	2.83	5.32	4.26	5.52	6.45	6.52	40.55
HT- IV B - CP Water Supply Schemes		7.54	7.34	7.17	7.00	7.15	7.62	7.24	8.26	7.72	7.86	8.21	8.37	91.47
HT-VI Townships and Residential Colonies		10.52	10.66	10.38	7.70	8.29	8.54	6.85	7.48	6.75	7.46	7.63	8.04	100.30
HT -VII - Temporary Supply		3.39	3.23	3.37	3.24	3.35	3.86	2.58	2.73	2.75	2.94	2.83	2.97	37.26
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 33 KV		377.06	377.06	387.02	335.35	374.78	415.57	313.56	351.19	314.43	308.81	324.62	335.97	4215.42
HT-I Industry Segregated		290.98	289.66	296.44	256.51	289.66	324.96	232.81	266.86	235.87	232.89	244.85	257.77	3219.27
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-II - Others		59.51	62.15	64.16	54.57	57.95	61.12	54.88	54.17	50.65	48.95	52.16	51.92	672.20
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT -IV A Govt Lift Irrigation		2.04	0.44	1.85	1.52	3.90	6.28	3.77	7.83	5.27	4.18	4.74	3.23	45.04
HT- IV B - CP Water Supply Schemes		18.34	18.37	18.41	18.39	18.62	18.49	18.32	18.33	18.40	18.43	18.32	18.31	220.71
HT-VI Townships and Residential Colonies		6.19	6.44	6.15	4.37	4.66	4.72	3.78	4.00	4.23	4.36	4.55	4.74	58.20
HT -VII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
HT Category at 132 KV		272.54	256.08	260.98	273.42	457.12	643.35	633.80	501.95	334.66	321.13	313.71	259.24	4527.98
HT-I Industry Segregated		185.68	179.92	191.28	162.80	183.95	198.63	169.46	189.64	168.43	172.47	169.04	180.08	2151.38
HT-I (B) Ferro-Alloys		8.01	9.30	12.15	11.65	11.68	11.23	16.92	14.77	12.33	11.58	11.83	10.28	141.75
HT-II - Others		14.07	14.51	14.24	12.89	13.05	13.35	14.14	13.49	13.62	13.62	13.05	13.07	163.11
HT-III Airports, Railway and Busstations		5.47	5.66	6.24	5.55	5.64	6.06	5.34	5.15	4.45	4.57	4.51	4.64	63.30
HT -IV A Govt Lift Irrigation		35.49	23.03	12.01	55.89	217.47	388.12	404.40	255.86	112.75	94.23	90.34	27.86	1717.45
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-V (A) Railway Traction		13.81	13.66	15.07	14.63	15.33	15.96	13.54	13.03	13.08	14.66	14.96	13.29	171.00
HT-V (B) HMR		10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	120.00
HT-VI Townships and Residential Colonies		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT -VII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

HT - RESCOs														0.00
														0.00
														0.00
														0.00
														0.00
														0.00
Total		2936.90	2959.01	2612.56	2737.97	3268.65	3226.36	3161.44	3018.97	2997.09	3055.86	3052.56	3406.89	36434.26

Form 4

Power Purchase Requirement

Particulars	Detail Links	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
Total Sales, MU		31869.73	28078.54	29083.94	30844.18	33025.84	36434.26
Sales (LT, 11kV, 33kV) (MU)	Form 3	28292.62	25195.06	26344.48	27851.46	30043.36	31906.28
EHT Sales (MU)	Form 3	3577.10	2883.48	2739.46	2992.72	2982.48	4527.98
Total Losses, MU		7255.62	5806.52	5658.08	5957.28	5637.93	5758.96
Distribution System Losses (MU)	Form 4a	4847.47	4164.90	3814.08	3960.12	3785.34	3884.82
Transmission System Losses (MU)		2408.16	1641.63	1844.00	1997.16	1852.59	1874.14
Total Losses, (%)		18.54	17.14	16.29	16.19	14.58	13.65
Transmission Losses (%)		6.15	4.84	5.31	5.43	4.79	4.44
Distribution System Losses(%)	Form 4a	14.63	14.19	12.65	12.45	11.19	10.85
Input to Distribution System		33140.09	29359.95	30158.56	31811.58	33828.70	35791.10
Power Purchase Requirement (MU)		39125.35	33885.06	34742.02	36801.46	38663.77	42193.22
Availability	Form 4.1	39125.35	33885.06	34742.02	36801.46	41991.12	47766.72
Dispatch	Form 4.2	39125.35	33885.06	34742.02	36801.46	38663.77	42193.22
Surplus /(deficit)		0.00	0.00	0.00	0.00	3327.35	5573.50

Note:

1. Transmission Losses percentage e.g. 4.52 % to be entered in numbers as 4.52 in Form 4b only
2. Transmission Losses to include PGCIL Losses.
3. The Transmission Losses percentage should be consistent with calculations in **Form 4b**

Form A New Consumer Categories

Notes:	
1	Add any proposed category here, in the tables provided under corresponding voltage levels.
2	Select the category which is being modified/replaced in the EXISTING CATEGORY Field.
3	Provide the name of the proposed category in the PROPOSED CATEGORY Field
4	Modifications of Slabs/SubCategories should be done in the Form 7/ Form 12. See the notes in the corresponding Forms for detailed instructions

For LT Category

Modification/Replacement of existing Category	Existing Category	Proposed Category	Remarks

For HT Category - 33kV

Modification/Replacement of existing Category	Existing Category	Proposed Category	Remarks

For HT Category - 11kV

Modification/Replacement of existing Category	Existing Category	Proposed Category	Remarks

For HT Category - 132kV

Modification/Replacement of existing Category	Existing Category	Proposed Category	Remarks

Form 4a Energy Losses (Distribution System)

Particulars		D - Link	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
I. Losses in 33 KV System and Connected Equipment								
(i)	Total Energy delivered into 33 KV Distribution System from EHT SSs	A	32852.80	29289.53	29986.28	31595.07	33828.70	35791.10
(ii)	Energy delivered by all other Generating Stations at 33kV	B	287.29	71.58	130.67	204.20		
(iii)	Energy consumed by HT consumers at 33KV (Sales + Third Party)	X	4759.47	4635.24	4599.64	3726.57	3864.38	4215.42
(iv)	Energy Delivered into 11 KV and LT System from 33/11 KV SSs	C	27336.71	23801.00	24523.46	27018.76	28614.56	30147.61
	Losses (33 kV System)	(A + B) - (C + X)	1043.91	924.88	993.85	1053.94	1349.77	1428.06
	% Losses (33 kV System)	100 x [(A+B)-(C+X)] / (A+B)	3.15	3.15	3.30	3.31	3.99	3.99
II. Losses in 11 KV System and Connected Equipment								
(i)	Energy delivered into 11 KV system from 33/11kV SSs	C	27336.71	23801.00	24523.46	27018.76	28614.56	30147.61
(ii)	Energy delivered into 11 KV Distribution System from EHT SSs	D			31.30			
(iii)	Energy delivered at 11kV from all other Generating Stations	E			10.31	12.31		
(iv)	Total Energy delivered into 11 KV and LT Distribution System	C+D+E	27336.71	23801.00	24565.07	27031.07	28614.56	30147.61
(v)	Energy consumed by HT consumers at 11KV (Sales + Third Party)	Y	3966.97	4065.95	4434.30	4490.53	4945.28	5356.68
(vi)	Total Output from 11kV to LT	F	21978.30	18523.58	18882.87	21324.14	22410.24	23509.66
	Losses (11kV System)	(C + D + E) - (Y + F)	1391.44	1211.47	1247.90	1216.40	1259.04	1281.27
	% Losses (11kV System)	[(C+D+E)-(Y+F)] x 100 / (C+D+E)	5.09	5.09	5.08	4.50	4.40	4.25
III. Losses in LT system and connected equipment								
(i)	Energy delivered to LT system from 11/400 V DTRs	F	21978.30	18523.58	18882.87	21324.14	22410.24	23509.66
(ii)	Energy sold to metered categories	Z	10375.69	9562.17	10792.86	10866.72	11737.08	12568.77
(iii)	Energy sold to un-metered categories	N	9190.49	6932.86	6517.67	8767.64	9496.62	9765.40
	Losses (LT System)	F-(Z+N)	2412.12	2028.55	1572.33	1689.78	1176.54	1175.48
	% Losses (LT System)	[F-(Z+N)] x 100 / (F)	10.98	10.95	8.33	7.92	5.25	5.00
IV. Total losses in the Distribution System								
(i)	Total Input to the distribution system	A + B + D + E	33140.09	29361.12	30158.56	31811.58	33828.70	35791.10
(ii)	Total Output from the Distribution Sytem	X + Y + Z + N	28292.62	25196.22	26344.48	27851.46	30043.36	31906.28
(iii)	EHT Sales	G	3577.10	2883.48	2739.46	2992.72	2982.48	4527.98
	Distribution System Losses	(A + B + D + E)-(X + Y + Z + N)	4847.47	4164.90	3814.08	3960.12	3785.34	3884.82
	% Distribution System Losses (Excluding EHT Sales)	[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E)	14.63	14.19	12.65	12.45	11.19	10.85
	% Distribution System Losses (Including EHT Sales)	[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E +G)	13.20	12.92	11.59	11.38	10.28	9.64

Relates to detailed calculation of the Transmission Losses percentage entered in **Form 4**. The working of the losses (MU & percentages) to be entered under working notes **Form 4b**.

Form 4B - Transmission Losses

Particulars	Detail Links	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	Remarks					
								Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
Total Transmission Losses (Inclusive of PGCIL) (%)													
Input to TSTransco Network (MU)													
TSTransco Losses (%)		6.15	4.84	5.31	5.43	4.79	4.44	inclusive of PGCIL losses	inclusive of PGCIL losses	inclusive of PGCIL losses	inclusive of PGCIL losses	inclusive of PGCIL losses	inclusive of PGCIL losses
TSTransco Losses (MU)													
Input to PGCIL (For CGS) (MU)													
PGCIL Losses (%) (For CGS)													
PGCIL Losses (MU) (For CGS)													

Form 4.1 Energy Availability

Base Year

Generating Station	D Link	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)													Yearly Auxiliary Consumption (MU)	Net Energy Availability (MU)
				April	May	June	July	August	September	October	November	December	January	February	March	Total		
TSGENCO																		
Thermal																		
VTPS I		73.77	2.66	324.42	353.65	289.17	330.76	253.57	311.09	210.31	282.75	319.94	364.80	337.04	372.74	3750.23		3750.23
VTPS II		73.77														0.00		0.00
VTPS III		73.77														0.00		0.00
VTPS IV		75.09	3.03	154.53	149.39	127.55	143.07	142.52	138.45	114.97	136.40	129.96	146.32	139.88	134.86	1657.89		1657.89
RTPP I		58.68	3.32	114.48	117.24	108.51	68.70	47.62	31.79	74.79	69.39	107.07	113.99	100.24	109.22	1063.04		1063.04
RTPP Stage-II		68.06	3.32	123.65	121.00	114.80	116.09	112.64	63.87	77.90	104.39	83.27	119.22	117.22	115.48	1269.51		1269.51
RTPP Stage-III		63.15	3.32	45.09	60.70	54.87	55.86	49.95	41.66	41.64	44.24	27.28	58.21	56.50	54.94	590.95		590.95
KTPS A		60.32	2.46	164.27	168.07	140.31	114.83	103.71	136.19	145.96	149.97	162.67	158.49	137.06	170.67	1752.21		1752.21
KTPS B		60.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
KTPS C		60.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
KTPS D		68.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
KTPS Stage VI		68.96	1.96	131.85	140.90	88.66	111.39	104.31	128.63	129.09	135.44	136.92	129.27	115.71	139.51	1491.67		1491.67
RTS B		67.03	2.45	15.51	17.95	15.30	15.52	15.18	14.92	15.05	16.27	12.88	17.74	13.60	14.66	184.57		184.57
NTS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Kakatiya Thermal Power Plant Stage I		66.53	2.10	119.07	149.10	106.89	11.19	94.40	124.04	118.51	110.15	132.05	145.01	109.89	133.08	1353.37		1353.37
Kakatiya Thermal Power Plant Stage II				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Damodaram Sanjeevaiah Thermal power plant - I																0.00		0.00
Damodaram Sanjeevaiah Thermal power plant - II																0.00		0.00
KTPS Stage VI Infirm Power			2.68	151.83	134.06	130.97	101.54	1.40	106.88	131.74	142.85	145.30	154.48	141.23	150.38	1492.67		1492.67
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL THERMAL				1344.69	1412.07	1177.03	1068.95	925.29	1097.52	1059.96	1191.84	1257.31	1407.53	1268.37	1395.55	14606.11	0.00	14606.11
MACHKUND PH AP Share		42.23	0.00	15.59	17.74	11.42	12.55	11.62	12.87	9.33	10.73	10.63	10.23	8.82	11.58	143.12		143.12
TUNGBHADRA PH AP Share		30.33	0.00	1.19	1.79	-0.23	5.21	13.44	10.52	8.48	8.65	4.08	7.55	5.34	4.47	70.50		70.50
USL		21.47	0.00	23.00	6.58	14.34	19.22	4.84	8.59	18.75	22.53	20.72	23.14	18.22	28.00	207.92		207.92
LSR		30.96	0.00	54.03	52.60	39.01	43.52	47.49	37.56	48.52	51.56	51.90	52.67	40.64	55.14	574.66		574.66
DONKARAYI		52.66	0.00	4.38	3.37	1.72	2.05	4.74	4.79	6.27	6.37	6.40	6.12	2.36	4.55	53.12		53.12
SSLM		21.90	0.00	62.15	27.45	11.53	43.24	170.34	112.88	42.03	22.06	23.95	43.35	57.69	63.57	680.25		680.25
NSPH		18.67	0.00	17.72	-0.23	-0.20	1.55	220.80	143.77	74.68	23.72	25.50	35.32	26.50	45.31	614.45		614.45
NSRCPH		26.56	0.00	0.00	0.00	0.00	0.00	15.93	19.15	17.06	18.97	13.69	9.40	2.25	0.00	96.45		96.45
NSLCPH		18.45	0.00	0.00	0.00	0.00	0.00	10.46	13.00	7.43	7.06	4.81	1.92	0.00	0.00	44.68		44.68
POCHAMPAD PH		20.37	0.00	0.01	-0.01	-0.01	1.51	5.88	4.24	5.54	0.55	1.24	3.32	3.68	3.63	29.58		29.58
NIZAMSAGAR PH		14.33	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.74	0.40	-0.01	0.33	1.67	1.31	1.40	5.78		5.78
PABM		2.73	0.00	-0.01	-0.01	-0.01	0.12	0.96	0.60	-0.01	-0.01	-0.01	-0.01	0.22	0.39	2.20		2.20
MINI HYDRO&OTHERS		107.03	0.00	0.06	0.00	0.02	0.18	0.60	0.57	0.66	0.17	0.54	0.51	0.49	0.53	4.32		4.32
SINGUR		3.26	0.00	0.19	-0.01	-0.01	-0.01	-0.01	0.19	-0.01	-0.01	-0.01	0.19	0.36	1.13	1.98		1.98
SSLM LCPH		16.81	0.00	1.54	-0.02	0.00	1.25	241.60	178.59	90.83	10.81	6.71	7.30	20.33	51.46	610.39		610.39
Nagarjunasagar Tail Pond Dam Power House		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Priyadarshini Jurala Hydro Electric Project- AP Share		13.00	0.00	-0.03	-0.02	-0.04	17.15	48.15	27.85	22.80	4.77	1.69	0.49	-0.04	-0.04	122.73		122.73
Lower Jurala Hydro Electric Project		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
POCHAMPAD Stig-II		24.35	0.00	0.00	0.00	0.00	0.41	0.91	0.72	1.95	0.06	0.08	1.55	1.54	1.61	8.84		8.84
PULICHINTAL(New Project)																0.00		0.00
Ramagiri Wind Mills			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Jurala Hydro Electric Project - Infirm Power			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00

																	0.00		0.00
																	0.00		0.00
																	0.00		0.00
																	0.00		0.00
TOTAL HYDRO				179.81	109.22	77.54	147.93	797.76	576.63	354.72	187.99	172.23	204.71	189.71	272.72	3270.96	0.00	3270.96	
TOTAL TSGENCO				1524.50	1521.28	1254.57	1216.89	1723.05	1674.15	1414.68	1379.83	1429.55	1612.24	1458.08	1668.26	17877.07	0.00	17877.07	
Central Generating Stations																			
NTPC																			
NTPC (SR)																			
NTPC (SR)		79.83	2.11	207.99	215.90	154.17	168.52	139.99	149.41	146.86	188.97	210.28	194.13	199.91	212.10	2188.24		2188.24	
NTPC (SR) Stage III		88.87	2.68	53.59	53.32	46.45	48.59	46.79	47.66	46.27	52.64	39.87	67.02	56.69	51.48	610.35		610.35	
Total NTPC(SR)				261.58	269.22	200.62	217.11	186.79	197.06	193.13	241.61	250.15	261.15	256.60	263.58	2798.59	0.00	2798.59	
NTPC (ER)																			
Farakka			5.42	9.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.42		9.42	
Kahalgaon			5.94	4.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.19		4.19	
Talcher - Stage 1			1.64	6.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.07		6.07	
Talcher Stage 2		75.42	1.52	82.19	76.42	93.11	100.09	99.67	101.45	91.45	118.73	121.19	126.83	113.20	130.74	1255.09		1255.09	
Others																0.00		0.00	
Total NTPC(ER)				101.88	76.42	93.11	100.09	99.67	101.45	91.45	118.73	121.19	126.83	113.20	130.74	1274.78	0.00	1274.78	
Total NTPC				363.46	345.64	293.74	317.20	286.46	298.51	284.58	360.35	371.35	387.98	369.80	394.32	4073.37	0.00	4073.37	
NLC TS-II																			
Stage-I		77.32	2.15	33.80	34.69	30.95	36.97	32.20	29.05	19.83	26.62	23.70	40.41	32.16	37.09	377.48		377.48	
Stage-II		78.28	2.05	59.49	58.34	58.44	56.74	37.32	39.20	48.71	46.85	61.28	72.81	56.27	64.68	660.13		660.13	
Total NLC				93.29	93.03	89.40	93.71	69.52	68.26	68.53	73.48	84.98	113.22	88.44	101.76	1037.61	0.00	1037.61	
NPC																			
NPC-MAPS		45.39	2.07	4.47	4.44	4.47	4.72	4.72	4.56	9.28	6.34	9.81	9.84	8.06	9.87	80.58		80.58	
NPC-Kaiga unit I		78.45	3.02	35.06	37.83	37.80	41.13	42.16	40.38	39.40	31.82	25.61	33.21	31.31	34.80	430.51		430.51	
NPC-Kaiga unit II		75.18	3.02	32.53	41.21	39.59	42.79	44.24	31.18	31.45	22.50	45.35	42.31	38.13	25.56	436.84		436.84	
Total NPC				72.06	83.48	81.87	88.64	91.12	76.12	80.12	60.66	80.76	85.37	77.50	70.24	947.93	0.00	947.93	
NTPC - Simhadri																			
NTPC Simhadri Stage I		81.92	2.38	294.57	272.37	291.91	268.26	307.50	284.53	256.58	171.57	268.89	288.55	285.68	315.15	3305.53		3305.53	
NTPC Simhadri Stage II		80.09	2.40	128.56	117.38	129.79	104.79	67.51	95.72	88.94	128.65	144.43	169.27	148.55	146.77	1470.36		1470.36	
Total NTPC- Simhadri				423.13	389.75	421.69	373.05	375.01	380.25	345.51	300.22	413.32	457.81	434.23	461.91	4775.89	0.00	4775.89	
CGS - New																			
Vallur Thermal Power Plant		27.08	2.14	14.04	10.27	7.84	16.88	4.68	17.35	21.84	21.81	20.63	47.94	31.36	26.88	241.51		241.51	
																0.00		0.00	
																0.00		0.00	
TOTAL CGS				965.98	922.17	894.54	889.48	826.79	840.49	800.59	816.51	971.03	1092.32	1001.33	1055.10	11076.32	0.00	11076.32	
APGPCL																			
APGPCL I - Allocated capacity		42.81	2.60	1.99	1.87	2.31	2.25	1.95	1.90	1.82	1.85	2.14	2.04	2.91	4.60	27.64		27.64	
APGPCL I - Unutilised capacity			2.56	1.33	0.02	0.08	0.06	0.09	0.09	0.04	0.02	0.24	0.31	0.50	1.03	3.81		3.81	
APGPCL II - Allocated capacity		43.00	2.77	6.99	6.67	7.06	7.91	6.87	6.64	6.45	6.45	8.04	7.40	3.76	0.00	74.25		74.25	
APGPCL II - Unutilised capacity			2.83	1.75	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95		2.95	
Total APGPCL				12.07	9.76	9.45	10.22	8.92	8.63	8.31	8.32	10.43	9.75	7.17	5.63	108.65	0.00	108.65	
IPPS																			
GVK		50.45	2.19	34.70	34.37	38.15	35.65	32.80	31.44	33.18	37.96	45.42	44.15	38.58	33.25	439.66		439.66	
Spectrum		57.83	2.48	38.48	35.69	36.47	36.37	34.24	31.23	33.45	41.52	55.79	51.81	45.04	45.26	485.35		485.35	
Kondapalli (Naphtha)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
Kondapalli (Gas)		45.30	2.25	68.50	64.86	55.54	53.46	49.64	44.65	52.77	53.77	24.74	45.56	61.12	74.25	648.87		648.87	
BSES		23.89	1.64	16.31	14.94	23.62	21.09	17.23	16.43	15.83	16.93	24.65	19.84	14.83	10.39	212.09		212.09	
GVK Extension		0.08		0.00	0.45	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67		0.67	
Vemagiri		4.73	7.47	50.73	19.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.59		70.59	
Gautami				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	

Konaseema				2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07		2.07
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL IPPS				210.79	170.19	154.00	146.58	133.92	123.75	135.23	150.18	150.60	161.37	159.56	163.14	1859.30	0.00	1859.30
NCE																		
NCE - Bio-Mass		10.81	18.79	1.93	0.98	2.76	2.02	0.14	1.65	2.91	3.54	4.69	6.48	6.82	3.95	37.87		37.87
NCE - Bagasse		20.51	3.12	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.65	5.18	6.69	7.98	26.95		26.95
NCE - Municipal Waste to Energy																0.00		0.00
NCE - Industrial Waste based power project		18.91	10.46	2.56	2.95	2.50	2.77	1.10	1.14	0.00	0.00	0.00	0.00	3.44	1.76	18.22		18.22
NCE - Wind Power		16.12	3.77	16.50	38.71	105.65	125.51	127.83	50.27	53.29	20.32	22.70	47.58	38.37	83.15	729.87		729.87
NCE - Mini Hydel		46.06	5.50	0.00	0.06	0.00	0.00	7.44	10.01	12.53	11.70	11.29	10.67	10.75	7.65	82.11		82.11
NCE - NCL Energy Ltd		35.84	1.80	0.00	0.00	0.00	0.99	1.92	1.57	1.79	1.58	1.21	0.34	0.00	0.00	9.42		9.42
NCE-Others		62.78	5.60	5.32	7.77	8.02	8.62	12.15	13.22	14.41	15.39	16.55	16.64	15.89	17.79	151.78		151.78
TOTAL NCE				28.75	50.46	118.93	139.91	150.58	77.87	84.93	52.54	61.10	86.90	81.97	122.28	1056.21	0.00	1056.21
OTHERS																		
Srivathsa																0.00		0.00
LVS																0.00		0.00
Vishakapatnam Steel Plant																0.00		0.00
NB Ferro Alloys																0.00		0.00
Sponge Iron *																0.00		0.00
Heavy Water Plant *																0.00		0.00
Kesoram *																0.00		0.00
Essar Steels *																0.00		0.00
KSK Mahanadi (MT)																0.00		0.00
MTOA Transimission Charges (KSK Mahanadi)																0.00		0.00
MTOA SLDC Charges (KSK Mahanadi)																0.00		0.00
TOTAL OTHERS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKET																		
PTC																0.00		0.00
RCL and Short-Term Sources(IG Wells,Kesoram)																0.00		0.00
CPDCL																0.00		0.00
EPDCL																0.00		0.00
NPDCL																0.00		0.00
SPDCL																0.00		0.00
UI																0.00		0.00
Other Short Term Sources			5.73	379.31	574.69	436.84	583.88	553.36	565.81	629.58	499.57	580.01	547.12	569.62	667.34	6587.13		6587.13
Mediumt Term Sources/Traders (Medium Term)		46.59	2.63	0.00	0.00	0.00	0.00	48.02	59.88	73.96	119.12	116.28	126.82	95.29	112.52	751.87		751.87
APTEL Differential cost Reversal as per APERC Order																0.00		0.00
PROVISION FOR IREDA FOR FY 2012-13																0.00		0.00
Bi-lateral Sales(PTC etc.)																0.00		0.00
Pool Purchase																0.00		0.00
Pool Sales																0.00		0.00
UI Underdrawal &IST				-18.66	-13.45	-22.18	-19.32	-20.47	-28.57	-22.70	-18.32	-11.01	-3.29	-1.28	-11.96	-191.20		-191.20
TOTAL MARKET				360.65	561.25	414.66	564.56	580.91	597.11	680.84	600.37	685.27	670.64	663.63	767.90	7147.80	0.00	7147.80
TOTAL (From All Sources)				3102.73	3235.11	2846.15	2967.63	3424.16	3321.99	3124.57	3007.75	3307.98	3633.22	3371.74	3782.33	39125.35	0.00	39125.35

2014-15

Generating Station	D Link	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)													Yearly Auxiliary Consumption (MU)	Net Energy Availability (MMBtu)
				April	May	June	July	August	September	October	November	December	January	February	March	Total		
TSGENCO																		
Thermal																		
VTPS I			3.01	276.43	268.11	260.66	249.98	192.33	195.34	223.49	276.67	289.95	285.17	253.73	294.57	3066.44		3066.44
VTPS II			0.00													0.00		0.00

VTPS III			0.00													0.00		0.00
VTPS IV			2.89	113.83	103.56	123.70	107.06	110.38	96.57	109.50	117.35	61.60	126.19	106.63	107.69	1284.06		1284.06
RTPP I			3.60	82.90	66.99	57.66	54.16	63.13	73.47	86.48	82.14	80.45	81.72	79.45	90.12	898.66		898.66
RTPP Stage-II			3.40	99.52	87.22	84.53	63.31	86.62	64.94	94.18	75.45	88.91	92.67	82.94	101.42	1021.71		1021.71
RTPP Stage-III			3.46	48.08	39.73	41.95	39.41	14.86	33.21	45.52	40.17	40.15	42.20	41.10	50.59	476.99		476.99
KTPS A			2.57	127.00	116.73	112.29	118.26	111.60	96.99	139.22	129.96	122.38	122.87	141.59	161.70	1500.59		1500.59
KTPS B			0.00													0.00		0.00
KTPS C			0.00													0.00		0.00
KTPS D			2.08	108.49	100.43	99.45	96.61	94.01	84.81	95.83	64.94	61.76	127.32	110.65	131.74	1176.04		1176.04
KTPS Stage VI			3.01	116.20	108.61	114.34	121.90	107.07	102.49	123.04	118.75	126.11	114.15	112.57	133.52	1398.74		1398.74
RTS B			0.74	11.93	12.71	11.85	11.45	11.47	4.82	-0.17	-0.32	1.24	-0.16	-0.15	-0.18	64.48		64.48
NTS			0.00													0.00		0.00
Kakatiya Thermal Power Plant Stage I			2.28	124.35	122.76	117.36	128.07	125.20	115.22	129.82	125.72	129.62	126.27	105.18	118.51	1468.10		1468.10
Kakatiya Thermal Power Plant Stage II			0.00													0.00		0.00
Damodaram Sanjeevaiah Thermal power plant - I			0.00													0.00		0.00
Damodaram Sanjeevaiah Thermal power plant - II			0.00													0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL THERMAL				1108.72	1026.85	1023.79	990.22	916.68	867.88	1046.92	1030.83	1002.17	1118.39	1033.69	1189.67	12355.83	0.00	12355.83
MACHKUND PH AP Share			0.00	11.18	7.75	6.17	5.84	1.09	7.50	5.61	5.70	4.93	5.66	4.69	3.08	69.21		69.21
TUNGBHADRA PH AP Share			0.00	0.65	-0.22	-0.01	0.00	0.73	6.83	6.61	6.19	7.20	7.82	7.65	7.77	51.23		51.23
USL			0.00	21.77	15.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.82		36.82
LSR			0.00	49.72	49.16	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.77		100.77
DONKARAYI			0.00	4.95	4.89	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.05		10.05
SSLM			0.00	33.89	0.64	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26		35.26
NSPH			0.00	3.60	-0.18	5.22	15.24	61.28	150.89	94.29	34.91	9.03	0.04	3.26	9.58	387.16		387.16
NSRCPH			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
NSLCPH			0.00	0.00	0.00	0.00	0.00	0.30	2.87	4.59	4.88	3.34	0.54	0.00	0.00	16.53		16.53
POCHAMPAD PH			0.00	1.66	-0.01	-0.01	-0.01	-0.01	0.11	0.76	0.00	0.82	0.00	0.06	0.08	3.45		3.45
NIZAMSAGAR PH			0.00	0.00	-0.01	-0.01	-0.01	0.23	0.72	0.63	-0.01	-0.01	-0.01	0.09	-0.01	1.60		1.60
PABM			0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03		-0.03
MINI HYDRO&OTHERS			0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28		0.28
SINGUR			0.00	0.99	0.15	-0.01	0.22	0.07	0.14	0.13	0.25	0.10	0.06	0.15	0.16	2.41		2.41
SSLM LCPH			0.00	27.84	-0.19	-0.25	3.54	180.18	198.63	109.47	27.55	52.37	29.10	24.87	29.81	682.92		682.92
Nagarjunasagar Tail Pond Dam Power House			0.00													0.00		0.00
Priyadarshini Jurala Hydro Electric Project- AP Share			0.00													0.00		0.00
Lower Jurala Hydro Electric Project			0.00	-0.04	-0.05	-0.07	1.16	34.23	43.07	0.52	1.25	-0.01	0.00	0.00	-0.08	79.98		79.98
POCHAMPAD Stig-II			0.00	0.74	0.00	0.00	0.00	0.00	0.04	0.46	0.00	0.05	0.00	0.00	0.00	1.28		1.28
PULICHINTAL(New Project)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Mini Hydel & Others (Peddapalli, Palair)			0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.03	0.03	0.13	0.04	0.02	0.00	0.32		0.32
Ramagiri wind mills			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Pochampad stage IV			0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31		0.31
Suppl. Allocation of 100% to TS from TSHydel			0.00			-0.20	4.83	228.64	339.30	180.44	59.41	56.32	25.46	24.35	33.83	952.37		952.37
																0.00		0.00
TOTAL HYDRO				157.55	76.94	13.66	30.81	506.74	750.18	403.54	140.15	134.27	68.70	65.14	84.22	2431.92	0.00	2431.92
TOTAL TSGENCO				1266.28	1103.79	1037.45	1021.03	1423.42	1618.05	1450.46	1170.99	1136.45	1187.10	1098.83	1273.90	14787.75	0.00	14787.75
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)			2.46	176.73	142.24	137.82	160.61	173.05	120.54	150.97	166.39	194.33	177.68	168.33	175.92	1944.62		1944.62
NTPC (SR) Stage III			2.54	47.31	43.00	40.19	37.10	17.99	36.61	48.86	43.20	51.47	43.47	43.06	38.19	490.47		490.47
Total NTPC(SR)				224.04	185.24	178.01	197.71	191.05	157.15	199.83	209.59	245.80	221.15	211.40	214.11	2435.08	0.00	2435.08
NTPC (ER)																		
Farakka			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Kahalgaon			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Talcher - Stage 1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Talcher Stage 2			1.46	101.02	103.30	73.37	77.92	90.50	95.42	105.42	97.89	107.01	102.11	94.74	105.51	1154.23		1154.23
Others																0.00		0.00

Total NTPC(ER)				101.02	103.30	73.37	77.92	90.50	95.42	105.42	97.89	107.01	102.11	94.74	105.51	1154.23	0.00	1154.23
Total NTPC				325.06	288.55	251.38	275.63	281.55	252.57	305.25	307.48	352.81	323.26	306.14	319.63	3589.31	0.00	3589.31
NLC TS-II																		
Stage-I			2.23	29.23	28.25	26.68	30.57	28.85	24.86	13.66	20.50	22.18	28.15	26.72	28.57	308.22		308.22
Stage-II			2.82	50.34	48.28	43.94	41.40	41.29	38.38	44.14	38.43	43.13	52.08	46.85	50.94	539.20		539.20
Total NLC				79.57	76.53	70.62	71.97	70.14	63.24	57.80	58.94	65.31	80.23	73.57	79.50	847.41	0.00	847.41
NPC																		
NPC-MAPS			2.08	7.79	6.97	7.55	8.17	8.16	7.71	4.37	5.58	1.91	7.09	8.21	9.51	83.02		83.02
NPC-Kaiga unit I			2.99	27.39	28.50	26.29	28.12	28.44	27.21	28.06	15.23	29.02	32.93	31.52	28.13	330.83		330.83
NPC-Kaiga unit II			3.06	22.38	26.00	23.77	26.80	32.92	33.38	34.77	33.45	32.40	38.08	36.12	34.43	374.49		374.49
Total NPC				57.56	61.47	57.62	63.09	69.52	68.29	67.20	54.25	63.33	78.11	75.85	72.06	788.34	0.00	788.34
NTPC - Simhadri																		
NTPC Simhadri Stage I			2.63	261.98	262.03	256.47	263.05	218.62	238.86	195.44	148.26	213.30	244.64	234.45	262.89	2799.97		2799.97
NTPC Simhadri Stage II			2.59	128.41	115.13	103.40	128.52	82.42	48.61	67.61	108.70	119.12	108.99	109.14	112.88	1232.92		1232.92
Total NTPC- Simhadri				390.39	377.16	359.87	391.57	301.04	287.47	263.05	256.96	332.41	353.63	343.58	375.76	4032.89	0.00	4032.89
CGS - New																		
Vallur Thermal Power Plant			1.94	30.68	31.47	23.42	33.95	25.09	15.30	21.41	22.09	18.72	27.18	25.16	33.01	307.46		307.46
NTPC NVVNL Bundled Power Coal			3.01	10.56	9.97	10.61	10.39	10.29	9.75	10.95	15.09	22.24	21.38	20.12	22.54	173.90		173.90
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL CGS				893.81	845.15	773.52	846.60	757.62	696.63	725.66	714.81	854.83	883.78	844.42	902.50	9739.32	0.00	9739.32
APGPCL																		
APGPCL I - Allocated capacity			2.76	2.03	1.50	1.56	0.69	0.00	0.00	0.00	0.74	1.64	1.41	1.07	1.15	11.78		11.78
APGPCL I - Unutilised capacity			2.77	0.04	0.20	0.23	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58		0.58
APGPCL II - Allocated capacity			2.61	4.27	5.75	5.68	2.60	0.00	0.00	0.00	2.50	6.00	5.15	3.85	4.14	39.94		39.94
APGPCL II - Unutilised capacity			2.61	0.51	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52		0.52
Total APGPCL				6.85	7.45	7.48	3.41	0.00	0.00	0.00	3.24	7.64	6.56	4.92	5.28	52.82	0.00	52.82
IPPS																		
GVK			2.99	26.10	19.34	20.77	5.14	0.00	0.00	11.44	26.16	26.99	27.46	25.13	31.48	220.02		220.02
Spectrum			3.15	27.04	29.43	21.45	4.89	-0.27	-0.09	2.59	25.86	33.69	23.10	19.32	21.02	208.04		208.04
Kondapalli (Naphtha)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Kondapalli (Gas)			5.17	52.11	50.96	36.38	16.23	2.48	0.07	0.03	0.00	0.00	9.03	11.27	12.46	191.03		191.03
BSES			2.52	2.10	9.25	11.62	3.61	0.00	0.00	7.36	14.64	11.92	3.02	0.00	0.00	63.53		63.53
GVK Extension																0.00		0.00
Vemagiri																0.00		0.00
Gautami																0.00		0.00
Konaseema																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL IPPS				107.34	108.98	90.23	29.87	2.21	-0.03	21.43	66.67	72.60	62.61	55.72	64.96	682.61	0.00	682.61
NCE																		
NCE - Bio-Mass			5.42	2.56	5.11	4.50	3.71	0.78	2.00	3.58	3.80	4.67	4.33	4.79	6.45	46.31		46.31
NCE - Bagasse			3.58	5.15	6.85	0.00	0.00	0.00	0.00	0.00	0.94	6.27	7.37	7.52	7.70	41.80		41.80
NCE - Municipal Waste to Energy			5.85	1.21	2.31	3.01	4.23	2.63	2.26	2.92	1.79	1.62	3.69	3.14	3.93	32.72		32.72
NCE - Industrial Waste based power project			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
NCE - Wind Power			0.00	0.00	0.00	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.84		3.84
NCE - Mini Hydel			1.84	0.15	0.00	0.00	0.00	0.12	0.62	0.82	0.76	0.28	0.34	0.37	0.49	3.93		3.93
NCE - NCL Energy Ltd			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
NCE-Others			9.35	4.17	3.98	3.60	3.78	5.83	5.68	7.40	2.26	6.93	8.34	8.71	11.66	72.36		72.36

TOTAL NCE				13.24	18.25	14.96	11.72	9.37	10.56	14.73	9.54	19.77	24.08	24.53	30.23	200.96	0.00	200.96
OTHERS																		
Srivathsa																0.00		0.00
LVS																0.00		0.00
Vishakapatnam Steel Plant																0.00		0.00
NB Ferro Alloys																0.00		0.00
Sponge Iron																0.00		0.00
																0.00		0.00
Medium term open access traders																0.00		0.00
Essar steels																0.00		0.00
KSK Mahanadi (MT)			2.30	93.74	78.62	18.66	109.51	73.62	104.25	104.95	91.83	111.78	92.89	99.85	103.76	1083.45		1083.45
Hinduja																0.00		0.00
RLNG																0.00		0.00
TOTAL OTHERS				93.74	78.62	18.66	109.51	73.62	104.25	104.95	91.83	111.78	92.89	99.85	103.76	1083.45	0.00	1083.45
MARKET																		
PTC																0.00		0.00
RCL and Short-Term Sources(IG Wells,Kesoram)																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
APSPDCL			3.54			8.10	9.80	11.72	11.67	12.83	12.07	14.28	14.39	12.53	16.40	123.78		123.78
UI			3.28	25.11	16.51	0.00	66.68	37.07	11.97	34.06	36.37	44.82	36.64	47.83	31.83	388.89		388.89
Other Short Term Sources			5.18	496.84	520.99	542.52	614.95	613.36	519.58	587.77	463.03	493.38	509.26	507.38	648.58	6517.64		6517.64
Pool Transaction (Purchases)																0.00		0.00
																0.00		0.00
																0.00		0.00
Bi-lateral Sales(PTC etc.)																0.00		0.00
Jhajjar																0.00		0.00
Pool Purchase			3.22			179.67	95.36	50.09			81.45	37.89	37.89	37.89	37.89	558.14		558.14
Pool Sales			7.62	-43.12	-131.79	-4.79			-31.77	-38.84						-250.31		-250.31
TOTAL MARKET				478.83	405.71	725.50	786.79	712.23	511.45	595.81	592.92	590.37	598.19	605.63	734.70	7338.15	0.00	7338.15
TOTAL (From All Sources)				2860.10	2567.95	2667.79	2808.93	2978.47	2940.91	2913.04	2649.99	2793.43	2855.21	2733.90	3115.33	33885.06	0.00	33885.06

2015-16

Generating Station	D Link	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)														Yearly Auxiliary Consumption (MU)	Net Energy Availability (MU)
				April	May	June	July	August	September	October	November	December	January	February	March	Total			
TSGENCO																			
Thermal																			
VTPS I			3.20	273.33	277.11	224.60	252.34	267.61	230.00	265.30	272.21	298.87	295.76	271.77	274.40	3203.32		3203.32	
VTPS II			0.00													0.00		0.00	
VTPS III			0.00														0.00		0.00
VTPS IV			3.01	95.95	106.64	92.53	119.69	115.47	100.46	124.81	33.70	0.00	86.87	117.92	124.40	1118.44		1118.44	
RTPP I			3.49	77.66	86.47	76.68	70.22	82.44	82.66	95.06	96.43		98.44	98.78	94.47	83.63	1042.94		1042.94
RTPP Stage-II			3.36	85.94	98.64	78.67	97.79	71.41	88.83	94.66	77.96		93.06	98.97	94.01	91.98	1071.91		1071.91
RTPP Stage-III			3.41	43.12	47.07	36.88	47.94	14.63	43.49	47.00	42.34		48.87	50.48	47.15	46.01	514.99		514.99
KTPS A			2.52	125.26	146.85	95.86	112.27	135.82	120.69	144.38	115.41	127.74	115.90	121.45	124.49	1486.13		1486.13	
KTPS B			0.00													0.00		0.00	
KTPS C			0.00													0.00		0.00	
KTPS D			2.07	107.01	125.01	83.56	108.38	112.43	86.69	90.30	106.75	71.30	69.26	114.32	129.24	1204.25		1204.25	
KTPS Stage VI			2.63	46.78	77.99	24.13	79.76	78.09	69.85	73.79	93.79		75.97	62.88	64.67	76.84	824.54		824.54
RTS B			2.70	-0.54	9.37	12.27	14.14	10.95	10.47	13.54	12.96		14.22	13.39	14.89	12.63	138.27		138.27
NTS			0.00													0.00		0.00	
Kakatiya Thermal Power Plant Stage I			2.46	90.34	97.22	75.01	121.66	113.66	92.35	60.52	98.66	76.37	10.56	72.90	68.48	977.72		977.72	
Kakatiya Thermal Power Plant Stage II			0.00												229.04	229.04		229.04	
Damodaram Sanjeevaiah Thermal power plant - I			0.00													0.00		0.00	
Damodaram Sanjeevaiah Thermal power plant - II			0.00													0.00		0.00	
																0.00		0.00	
																0.00		0.00	
																0.00		0.00	
																0.00		0.00	

																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL THERMAL				944.86	1072.37	800.19	1024.19	1002.53	925.48	1009.37	950.20	904.82	902.85	1013.54	1261.14	11811.54	0.00	11811.54
MACHKUND PH TS Share			0.00													0.00		0.00
TUNGBHADRA PH TS Share			0.00													0.00		0.00
USL			0.00													0.00		0.00
LSR			0.00													0.00		0.00
DONKARAYI			0.00													0.00		0.00
SSLM			0.00													0.00		0.00
NSPH			0.00	10.40	2.41	-0.11	0.07	-0.23	-0.25	-0.25	15.37	11.64	2.68	13.36	7.03	62.11		62.11
NSRCPH			0.00													0.00		0.00
NSLCPH			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
POCHAMPAD PH			0.00	-0.01	-0.02	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.13		-0.13
NIZAMSAGAR PH			0.00	-0.02	-0.02	-0.02	0.04	-0.02	-0.02	-0.02	-0.01	-0.02	-0.01	-0.01	-0.02	-0.13		-0.13
PABM			0.00													0.00		0.00
MINI HYDRO&OTHERS			0.00													0.00		0.00
SINGUR			0.00	-0.02	-0.02	-0.02	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	-0.19		-0.19
SSLM LCPH			0.00	5.64	-0.07	-0.49	-0.54	-0.55	7.39	12.36	30.15	9.57	-0.36	18.31	22.32	103.71		103.71
Nagarjunasagar Tail Pond Dam Power House			0.00													0.00		0.00
Priyadarshini Jurala Hydro Electric Project- TS Share			0.00	-0.16	-0.18	-0.16	-0.17	-0.16	10.15	5.10	0.00	0.00	-0.06	-0.06	-0.05	14.25		14.25
Lower Jurala Hydro Electric Project			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.88		1.88
POCHAMPAD Stig-II			0.00													0.00		0.00
PULICHINTAL(New Project)			0.00													0.00		0.00
Mini Hydel & Others (Peddapalli, Palair)			0.00	0.06	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.01	0.00		0.00
APGENCO HYDEL				7.57	3.41	2.95	6.29	7.57	7.35	7.64	7.39	7.00	5.66	5.29	5.66	73.78		73.78
Lower Jurala Hydro Electric Project Unit-II															4.21	4.21		4.21
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL HYDRO				23.46	5.50	2.14	5.66	6.58	24.59	24.80	52.86	28.17	7.86	36.86	41.00	259.50	0.00	259.50
TOTAL TSGENCO				968.32	1077.88	802.32	1029.85	1009.11	950.07	1034.17	1003.06	932.99	910.71	1050.40	1302.15	12071.04	0.00	12071.04
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)			2.23	149.18	152.96	93.91	123.86	143.61	113.49	125.22	153.09	157.05	140.16	156.25	166.98	1675.76		1675.76
NTPC (SR) Stage III			2.24	36.13	35.52	22.54	33.65	26.79	31.57	25.96	39.20	36.61	36.59	40.17	42.42	407.15		407.15
Total NTPC(SR)				185.31	188.48	116.45	157.51	170.40	145.06	151.18	192.29	193.66	176.75	196.42	209.40	2082.91	0.00	2082.91
NTPC (ER)																		
Farakka			0.00													0.00		0.00
Kahalgaoon			0.00													0.00		0.00
Talcher - Stage 1			0.00													0.00		0.00
Talcher Stage 2			1.29	99.10	103.82	69.88	98.33	78.33	95.66	97.15	95.15	100.21	94.99	96.15	100.22	1128.98		1128.98
Others			0.00													0.00		0.00
Total NTPC(ER)				99.10	103.82	69.88	98.33	78.33	95.66	97.15	95.15	100.21	94.99	96.15	100.22	1128.98	0.00	1128.98
Total NTPC				284.41	292.30	186.33	255.84	248.73	240.72	248.33	287.44	293.86	271.75	292.57	309.62	3211.89	0.00	3211.89
NLC TS-II																		
Stage-I			2.36	25.51	26.81	21.06	28.21	27.48	21.81	19.94	15.55	11.66	21.60	24.76	14.68	259.07		259.07
Stage-II			2.36	45.93	47.83	38.94	36.68	37.88	34.41	39.58	26.48	28.54	36.08	44.17	28.30	444.82		444.82
Total NLC				71.44	74.64	60.00	64.89	65.36	56.22	59.52	42.03	40.20	57.68	68.93	42.98	703.89	0.00	703.89
NPC																		
NPC-MAPS			2.09	9.37	9.73	9.63	10.32	9.91	7.75	9.33	6.94	4.84	6.92	9.06	9.18	102.98		102.98
NPC-Kaiga unit I			3.03	32.11	36.01	36.48	32.56	31.99	34.12	29.46	28.87	34.65	33.30	32.83	33.73	396.09		396.09
NPC-Kaiga unit II			3.03	38.38	41.33	37.79	36.94	20.02	37.56	35.34	36.47	37.63	38.01	35.58	37.91	432.98		432.98
Total NPC				79.86	87.07	83.90	79.81	61.92	79.44	74.14	72.27	77.13	78.22	77.48	80.81	932.05	0.00	932.05

NTPC - Simhadri																		
NTPC Simhadri Stage I			2.41	211.70	185.78	186.23	197.01	199.26	212.44	252.27	192.61	122.40	211.82	226.01	260.09	2457.61		2457.61
NTPC Simhadri Stage II			2.39	80.26	68.05	57.53	68.85	48.02	41.84	116.94	122.49	99.95	60.64	98.53	95.13	958.22		958.22
Total NTPC- Simhadri				291.95	253.83	243.76	265.86	247.28	254.28	369.21	315.09	222.35	272.46	324.54	355.22	3415.83	0.00	3415.83
CGS - New																		
Vallur Thermal Power Plant			1.98	32.76	36.03	26.92	29.60	30.11	26.93	37.58	28.90	25.73	32.23	40.13	23.35	370.27		370.27
NTPC Aravalli Power			3.55	81.22	77.26	51.88	80.72	80.30	80.71	131.25	149.47	141.44	133.95	110.48	92.17	1210.84		1210.84
NLC Tamilnadu Power Ltd.				0.00	0.00	8.00	10.24	16.22	22.41	30.28	40.43	40.59	42.11	52.85	27.14	290.24		290.24
NVVNL B.P.Coal				20.44	20.79	17.11	19.85	20.16	17.45	20.01	19.28	20.80	20.03	19.96	22.14	238.01		238.01
																0.00		0.00
TOTAL CGS				862.09	841.90	677.90	806.82	770.06	778.15	970.31	954.92	862.09	908.43	986.93	953.44	10373.03	0.00	10373.03
APGPCL																		
APGPCL I - Allocated capacity			3.18	1.23	0.87	1.22	1.04	0.90	0.87	0.79	0.58	0.57	0.59	0.64	0.74	10.05		10.05
APGPCL I - Unutilised capacity																0.00		0.00
APGPCL II - Allocated capacity			2.86	4.28	3.02	4.30	3.69	3.15	2.89	2.65	1.96	1.97	2.23	2.35	2.98	35.48		35.48
APGPCL II - Unutilised capacity				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Total APGPCL				5.52	3.88	5.51	4.73	4.05	3.76	3.45	2.54	2.55	2.82	2.99	3.72	45.52	0.00	45.52
IPPS																		
GVK			2.84	22.23	26.03	0.00	0.00	0.00	0.00	18.32	0.00	0.00	0.00	0.00	-2.02	64.55		64.55
Spectrum			2.78	16.28	20.90	23.80	20.92	12.78	9.96	7.76	11.42	20.05	15.53	12.35	5.56	177.29		177.29
Kondapalli (Naphtha)			3.13	9.98	3.99	1.96	1.19	4.37	5.38	9.81	14.32	15.87	5.06	0.00	0.38	72.31		72.31
Kondapalli (Gas)			0.00													0.00		0.00
BSES			0.00													0.00		0.00
GVK Extension			4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.27	22.22	0.69	0.00	0.00	45.18		45.18
Vemagiri			3.98	18.65	40.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.62		59.62
Gautami			3.38	39.61	38.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.15		78.15
Konaseema			0.00													0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL IPPS				106.74	130.44	25.76	22.10	17.15	15.34	35.88	48.00	58.13	21.28	12.35	3.92	497.10	0.00	497.10
NCE																		
NCE - Bio-Mass			0.00	3.32	2.70	2.47	2.85	2.94	2.96	0.92	3.20	3.36	5.02	4.87	6.00	40.61		40.61
NCE - Bagasse			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.59	7.91	7.46	4.19	25.15		25.15
NCE - Municipal Waste to Energy			0.00													0.00		0.00
NCE - Industrial Waste based power project			0.00	3.84	3.13	4.26	4.48	4.42	3.75	1.73	1.89	1.33	2.97	4.10	2.28	38.18		38.18
NCE - Wind Power			0.00													0.00		0.00
NCE - Mini Hydel			0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11		0.11
NCE - NCL Energy Ltd			0.00													0.00		0.00
NCE-Others			2.29	7.44	8.87	7.66	7.56	14.49	11.29	14.14	14.27	15.13	16.35	17.86	37.53	172.60		172.60
TOTAL NCE				14.72	14.70	14.38	14.89	21.85	18.00	16.79	19.36	25.40	32.25	34.29	50.00	276.65	0.00	276.65
OTHERS																		
Srivathsa																0.00		0.00
LVS																0.00		0.00
Vishakapatnam Steel Plant																0.00		0.00
NB Ferro Alloys																0.00		0.00
KSK Mahanadi (MT)			3.74	146.30	156.32	138.31	149.72	128.01	123.30	148.74	127.48	132.14	91.23	103.92	137.66	1583.15		1583.15
Hinduja																0.00		0.00
Thermal Power Unit 1			1.78	46.85	74.16	123.39	124.50	103.74	133.58	141.39	123.00	139.70	136.55	131.91	139.76	1418.52		1418.52
Thermal Power Unit 2			0.00													0.00		0.00
Corporate Power (MT)																0.00		0.00
Singareni																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00

																0.00		0.00
TOTAL OTHERS				193.16	230.48	261.70	274.21	231.75	256.88	290.14	250.48	271.84	227.78	235.83	277.42	3001.67	0.00	3001.67
MARKET																		
PTC																0.00		0.00
RCL and Short-Term Sources(IG Wells,Kesoram)																0.00		0.00
CPDCL																0.00		0.00
EPDCL																0.00		0.00
NPDCL																0.00		0.00
SPDCL																0.00		0.00
UI				32.95	23.96	26.92	33.92	24.22	6.46	21.62	22.88	22.11	25.76	27.87	19.54	288.22		288.22
Other Short Term Sources				5.60	538.34	528.63	611.25	842.66	1073.86	994.44	891.67	499.72	629.28	591.96	400.44	586.53	8188.77	8188.77
UI Underdrawal																0.00		0.00
IST																0.00		0.00
																0.00		0.00
Bi-lateral Sales(PTC etc.)																0.00		0.00
Pool purchases																0.00		0.00
Pool Transaction (Sales)																0.00		0.00
Jhajjar																0.00		0.00
TOTAL MARKET				571.29	552.59	638.16	876.58	1098.08	1000.90	913.29	522.60	651.38	617.72	428.31	606.08	8476.99	0.00	8476.99
TOTAL (From All Sources)				2721.83	2851.88	2425.74	3029.19	3152.06	3023.11	3264.02	2800.97	2804.39	2721.00	2751.11	3196.71	34742.02	0.00	34742.02

2016-17

Generating Station	D Link	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)													Yearly Auxiliary Consumption (MU)	Net Energy Availability (MU)
				April	May	June	July	August	September	October	November	December	January	February	March	Total		
TSGENCO																		
Thermal																		
VTPS I			3.09	259.85	286.31	211.38	235.27	269.01	247.83	286.03	251.64	278.17	270.07	200.34	250.12	3046.01		3046.01
VTPS II			0.00													0.00		0.00
VTPS III			0.00													0.00		0.00
VTPS IV			2.78	116.29	119.44	129.85	132.28	127.68	126.83	128.46	113.43	78.22	130.32	122.63	124.31	1449.76		1449.76
RTPP I			3.58	88.33	99.33	68.97	105.61	102.85	77.55	91.41	93.62	103.65	76.16	84.98	107.58	1100.03		1100.03
RTPP Stage-II			3.57	87.48	96.73	101.82	81.89	104.70	72.68	94.59	95.81	105.75	83.82	69.74	108.05	1103.06		1103.06
RTPP Stage-III			3.58	44.16	39.58	50.91	52.11	25.39	52.06	50.62	47.90	52.88	53.91	43.96	54.03	567.50		567.50
KTPS A			2.71	112.76	112.28	92.12	108.71	112.86	84.03	78.96	77.31	69.23	92.75	105.70	145.15	1191.86		1191.86
KTPS B			0.00													0.00		0.00
KTPS C			0.00													0.00		0.00
KTPS D			2.22	112.57	106.88	65.03	67.37	41.24	53.37	89.70	88.42	45.78	81.08	91.12	127.27	969.82		969.82
KTPS Stage VI			2.67	73.43	66.67	66.63	72.74	85.63	62.93	90.98	71.58	80.74	84.02	78.10	126.87	960.33		960.33
RTS B			3.05	13.19	14.84	14.32	13.10	10.92	14.02	14.46	3.34	14.22	13.94	11.78	15.42	153.55		153.55
NTS			0.00													0.00		0.00
Kakatiya Thermal Power Plant Stage I			2.56	58.97	67.44	50.04	63.49	59.79	77.52	84.63	75.00	85.66	94.03	92.53	116.72	925.82		925.82
Kakatiya Thermal Power Plant Stage II			2.49	211.70	132.25	214.19	167.64	117.17	-0.76	211.18	240.56	237.64	245.20	224.78	232.68	2234.24		2234.24
			0.00													0.00		0.00
			0.00													0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL THERMAL				1178.73	1141.74	1065.26	1100.21	1057.24	868.06	1221.01	1158.60	1151.94	1225.29	1125.66	1408.22	13701.96	0.00	13701.96
MACHKUND PH TS Share			0.00	5.48	5.66	5.48	5.66	5.66	5.48	5.66	5.48	5.66	5.66	5.11	5.66	66.62		66.62
TUNGBHADRA PH TSShare			0.00					0.71	0.82	0.85	0.71					3.10		3.10
USL			0.00													0.00		0.00
LSR			0.00													0.00		0.00
DONKARAYI			0.00													0.00		0.00
SSLM			0.00													0.00		0.00

NSPH			0.00	-0.26	4.61	6.29	-0.27	70.74	-0.20	-0.23	-0.13	8.33	23.24	5.33	9.25	126.70		126.70
NSRCPH			0.00													0.00		0.00
NSLCPH			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
POCHAMPAD PH			0.00	-0.01	-0.01	-0.01	-0.01	2.92	5.31	9.52	2.91	1.62	6.68	5.08	4.50	38.49		38.49
NIZAMSAGAR PH			0.00	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	0.33	-0.02	1.50	2.04	1.65	2.53	7.94		7.94
PABM			0.00													0.00		0.00
MINI HYDRO&OTHERS			0.00													0.00		0.00
SINGUR			0.00	-0.01	-0.01	-0.01	-0.02	-0.01	0.45	3.63	-0.02	-0.02	0.51	0.54	1.10	6.12		6.12
SSLM LCPH			0.00	-0.47	-0.38	-0.38	6.03	86.96	99.83	75.77	4.82	26.67	46.27	54.99	30.28	430.38		430.38
Nagarjunasagar Tail Pond Dam Power House			0.00													0.00		0.00
Priyadarshini Jurala Hydro Electric Project- TS Share			0.00	-0.06	-0.07	-0.08	6.34	38.14	0.03	19.76	-0.17	-0.16	-0.18	-0.14	-0.18	63.23		63.23
Lower Jurala Hydro Electric Project			0.00	-0.17	-0.18	-0.12	7.45	32.85	35.07	30.48	0.07	0.16	-0.03	0.17	-0.13	105.63		105.63
POCHAMPAD PH Stage 2			0.00	0.00	0.00	0.00	0.00	1.75	0.68	0.00	0.00	0.83	3.19	2.44	1.84	10.74		10.74
PULICHINTAL(New Project)			0.00	0.00	0.00	0.00	0.00	0.00	0.16	5.03	4.02	0.00	0.00	0.00	0.00	9.21		9.21
Mini hydel & others			0.00	-0.01	0.00	0.00	0.00	-0.01	0.08	0.64	0.06	0.10	0.68	0.79	0.53	2.84		2.84
Ramagiri wind mills			0.00													0.00		0.00
Pochampad St. iIV (New)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.12	0.77	0.00	0.00	0.00	0.00	2.89		2.89
			0.00													0.00		0.00
			0.00													0.00		0.00
			0.00													0.00		0.00
			0.00													0.00		0.00
TOTAL HYDRO				4.48	9.60	11.14	25.16	239.70	147.70	153.56	18.50	44.68	88.06	75.95	55.39	873.91	0.00	873.91
TOTAL TSGENCO				1183.20	1151.34	1076.40	1125.37	1296.94	1015.76	1374.57	1177.10	1196.62	1313.35	1201.60	1463.62	14575.88	0.00	14575.88
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)			2.18	157.40	149.71	122.82	124.72	124.65	133.81	148.24	130.88	133.61	143.84	145.44	157.57	1672.69		1672.69
NTPC (SR) Stage III			2.19	39.92	35.43	36.49	38.17	35.70	35.40	22.49	7.55	40.55	41.12	38.50	42.35	413.67		413.67
Total NTPC(SR)				197.33	185.13	159.31	162.89	160.35	169.21	170.73	138.43	174.17	184.96	183.94	199.92	2086.37	0.00	2086.37
NTPC (ER)																		
Farakka			0.00													0.00		0.00
Kahalgaon			0.00													0.00		0.00
Talcher - Stage 1			0.00													0.00		0.00
Talcher Stage 2			1.72	96.49	94.65	89.34	101.21	84.33	68.47	78.10	81.55	100.63	101.01	88.08	96.87	1080.71		1080.71
Others			0.00													0.00		0.00
Total NTPC(ER)				96.49	94.65	89.34	101.21	84.33	68.47	78.10	81.55	100.63	101.01	88.08	96.87	1080.71	0.00	1080.71
Total NTPC				293.82	279.79	248.65	264.10	244.68	237.69	248.82	219.97	274.80	285.97	272.02	296.79	3167.08	0.00	3167.08
NLC TS-II																		
Stage-I			6.28	13.77	18.14	18.35	15.68	24.50	21.45	14.03	15.34	16.79	22.64	21.68	22.77	225.15		225.15
Stage-II			2.67	29.68	32.81	25.35	28.05	37.42	38.60	32.57	25.02	31.63	36.83	39.13	41.94	399.03		399.03
Total NLC				43.45	50.95	43.71	43.73	61.92	60.05	46.60	40.37	48.42	59.47	60.81	64.71	624.18	0.00	624.18
NPC																		
NPC-MAPS			2.24	6.46	8.56	8.25	8.87	8.95	5.39	8.84	9.47	7.42	9.64	9.15	7.66	98.65		98.65
NPC-Kaiga unit I			3.40	22.70	24.63	26.37	34.38	34.20	32.65	33.86	30.77	35.33	34.18	17.34	24.53	350.93		350.93
NPC-Kaiga unit II			3.12	36.50	15.72	17.48	18.37	18.30	17.60	33.20	34.88	31.72	36.38	32.74	34.82	327.71		327.71
Total NPC				65.66	48.92	52.10	61.62	61.46	55.64	75.90	75.12	74.46	80.20	59.22	67.01	777.30	0.00	777.30
NTPC - Simhadri																		
NTPC Simhadri Stage I			2.77	253.65	231.07	210.62	233.64	231.20	209.16	220.04	156.46	179.15	225.13	216.66	236.40	2603.17		2603.17
NTPC Simhadri Stage II			2.77	94.03	87.72	85.01	84.79	90.04	80.60	62.16	35.53	50.92	63.84	80.87	47.97	863.48		863.48
Total NTPC- Simhadri				347.68	318.79	295.63	318.43	321.24	289.76	282.20	191.99	230.07	288.97	297.52	284.37	3466.65	0.00	3466.65
CGS - New																		
Vallur Thermal Power Plant			2.50	35.28	33.68	27.02	30.44	44.42	42.17	32.13	26.56	39.40	47.35	28.41	34.99	421.84		421.84
NTPC Aravalli Power			5.76	24.54	28.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.70		52.70
NLC Tamilnadu Power Ltd.			2.59	36.07	46.08	29.45	49.68	50.18	57.59	45.40	39.80	43.84	52.38	51.79	27.80	530.05		530.05
NVVNL B.P.Coal				21.21	20.13	16.94	17.75	17.74	17.25	19.23	17.71	19.85	19.47	18.74	20.91	226.94		226.94
																0.00		0.00

TOTAL CGS				867.71	826.50	713.50	785.76	801.64	760.13	750.28	611.51	730.84	833.80	788.52	796.57	9266.75	0.00	9266.75
APGPCL																		
APGPCL I - Allocated capacity			2.61	0.71	0.59	1.10	0.65	0.38	0.35	0.50	0.79	0.99	1.23	1.17	0.92	9.40		9.40
APGPCL I - Unutilised capacity			0.00													0.00		0.00
APGPCL II - Allocated capacity			2.35	2.82	2.29	4.33	2.51	1.40	1.16	1.66	2.60	3.16	4.36	3.81	3.14	33.27		33.27
APGPCL II - Unutilised capacity			0.00													0.00		0.00
Total APGPCL				3.53	2.88	5.44	3.17	1.79	1.51	2.16	3.39	4.16	5.60	4.99	4.06	42.67	0.00	42.67
IPPS																		
GVK			0.00										-	-	-	0.00		0.00
Spectrum			0.00										-	-	-	0.00		0.00
Kondapalli (Naphtha)			0.00										-	-	-	0.00		0.00
Kondapalli (Gas)			0.00										-	-	-	0.00		0.00
BSES			0.00										-	-	-	0.00		0.00
GVK Extension			0.00										-	-	-	0.00		0.00
Vemagiri			0.00										-	-	-	0.00		0.00
Gautami			0.00										-	-	-	0.00		0.00
Konaseema			0.00										-	-	-	0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL IPPS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE																		
NCE - Bio-Mass			0.00	3.14	4.05	6.01	5.64	0.85	3.35	2.99	3.41	2.56	7.32	6.14	3.17	48.62		48.62
NCE - Bagasse			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	3.78	3.88	0.55	0.00	8.28		8.28
NCE - Municipal Waste to Energy			0.00													0.00		0.00
NCE - Industrial Waste based power project			0.00	0.00	0.00	0.00	1.84	0.68	0.00	0.00	0.00	0.00	1.06	4.39	4.20	12.17		12.17
NCE - Wind Power			0.00	3.04	9.29	19.27	33.95	34.00	18.18	10.55	15.68	16.96	18.47	15.28	12.59	207.24		207.24
NCE - Mini Hydel			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.33	0.09	0.38	0.32	0.31	1.68		1.68
NCE - NCL Energy Ltd			0.00													0.00		0.00
NCE-Others			0.41	23.96	45.21	42.21	44.30	64.57	55.74	74.66	84.45	86.41	99.39	202.28	137.09	960.28		960.28
TOTAL NCE				30.14	58.55	67.49	85.73	100.09	77.27	88.45	103.94	109.81	130.50	228.96	157.37	1238.28	0.00	1238.28
OTHERS																		
Srivathsa																0.00		0.00
LVS																0.00		0.00
Vishakapatnam Steel Plant																0.00		0.00
NB Ferro Alloys																0.00		0.00
Singareni-I			1.93	0.78	0.00	39.16	46.81	61.64	152.52	158.07	277.10	194.91	239.92	250.30	256.27	1677.48		1677.48
Singareni II			3.01	0.00	0.00	0.00	0.00	0.00	0.00	21.99	88.86	187.96	238.15	251.65	265.71	1054.32		1054.32
Thermal Power Unit 1			1.84	73.43	94.55	115.93	122.68	131.37	95.23	117.97	125.68	105.28	98.55	127.49	140.85	1349.00		1349.00
Thermal Power Unit 2			1.86	147.44	202.90	253.85	265.57	295.62	224.56	266.07	280.21	235.58	199.02	269.69	309.66	2950.15		2950.15
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL OTHERS				221.64	297.45	408.94	435.05	488.63	472.31	564.10	771.85	723.72	775.65	899.12	972.49	7030.96	0.00	7030.96
MARKET																		
PTC																0.00		0.00
RCL and Short-Term Sources(IG Wells,Kesoram)																0.00		0.00
CPDCL																0.00		0.00
EPDCL																0.00		0.00
NPDCL																0.00		0.00
SPDCL																0.00		0.00
UI				16.21	21.61	17.89	35.77	23.53	31.20	24.49	32.95	40.51	37.76	0.00	0.00	281.92		281.92
Other Short Term Sources			4.68	792.96	333.32	214.47	333.32	682.64	462.93	240.78	219.58	244.99	211.84	187.72	440.46	4365.00		4365.00

0.00			0.00													0.00		0.00
0.00																0.00		0.00
0.00																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL MARKET				809.16	354.92	232.36	369.09	706.17	494.13	265.27	252.53	285.50	249.61	187.72	440.46	4646.92	0.00	4646.92
TOTAL (From All Sources)				3115.39	2691.63	2504.12	2804.18	3395.25	2821.11	3044.83	2920.32	3050.65	3308.50	3310.92	3834.55	36801.46	0.00	36801.46

2017-18

Generating Station	D Link	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)													Daily Auxiliary Consump	Net Energy Availabil
				April	May	June	July	August	September	October	November	December	January	February	March	Total		
TSGENCO																		
Thermal																		
VTPS I				86.91	76.99	22.89	-	-	-	-	-	-	-	-	-	186.79		186.79
VTPS II				86.91	76.99	22.89	-	-	-	-	-	-	-	-	-	186.79		186.79
VTPS III				86.91	76.99	22.89	-	-	-	-	-	-	-	-	-	186.79		186.79
VTPS IV				125.08	108.73	35.84	-	-	-	-	-	-	-	-	-	269.65		269.65
RTPP I				103.76	80.65	20.15	-	-	-	-	-	-	-	-	-	204.57		204.57
RTPP Stage-II				103.86	82.13	26.00	-	-	-	-	-	-	-	-	-	211.99		211.99
RTPP Stage-III				46.42	41.00	5.51	-	-	-	-	-	-	-	-	-	92.94		92.94
KTPS A				41.08	37.47	52.70	65.15	58.88	64.51	54.23	57.02	56.29	56.29	60.62	67.12	671.37		671.37
KTPS B				41.08	37.47	52.70	65.15	58.88	64.51	48.30	87.91	90.84	68.86	82.04	90.84	788.57		788.57
KTPS C				41.08	37.47	52.70	65.15	58.88	64.51	66.11	66.62	69.58	91.79	82.90	91.79	788.57		788.57
KTPS D				101.23	88.34	111.06	89.73	162.67	177.62	157.47	164.25	169.73	169.73	153.30	169.73	1714.84		1714.84
KTPS Stage VI				117.34	89.25	129.50	65.66	189.65	175.52	135.25	171.89	177.62	177.62	160.43	177.62	1767.31		1767.31
RTS B				14.29	14.62	22.37	26.39	24.50	25.46	23.87	22.03	11.02	22.77	20.57	22.77	250.66		250.66
NTS				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Kakatiya Thermal Power Plant Stage I				81.91	82.07	143.09	197.81	156.10	179.71	182.65	62.42	193.52	193.52	174.79	193.52	1841.10		1841.10
Kakatiya Thermal Power Plant Stage II				219.02	248.64	187.75	195.99	241.14	232.32	203.44	188.02	133.18	242.86	219.35	242.86	2554.56		2554.56
BTPS (Manuguru New Project)				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
KTPS VII				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL THERMAL				1296.86	1178.80	908.04	771.03	950.70	984.16	871.32	820.15	901.76	1023.42	954.01	1056.22	11716.48	0.00	11716.48
MACHKUND PH AP Share			0.00	5.34	5.66	1.83	-	-	-	5.66	5.48	5.66	5.66	5.11	5.66	46.04		46.04
TUNGBHADRA PH AP Share			0.00	-	-	-	-	-	-	0.85	0.71	-	-	-	-	1.56		1.56
USL			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
LSR			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
DONKARAYI			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
SSLM			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
NSPH			0.00	10.82	10.09	(0.33)	(0.26)	(0.27)	(0.27)	-	14.04	14.04	14.04	14.04	14.04	89.99		89.99
NSRCPH			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
NSLCPH			0.00	-	-	-	-	-	-	-	4.79	4.79	4.79	4.79	4.79	23.97		23.97
POCHAMPAD PH			0.00	3.86	0.00	(0.01)	(0.01)	0.12	1.58	-	3.08	3.08	3.08	3.08	3.08	20.93		20.93
NIZAMSAGAR PH			0.00	1.81	(0.02)	-	-	(0.03)	0.14	0.35	0.57	7.77	0.04	2.46	1.89	14.98		14.98
PABM			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
MINI HYDRO&OTHERS			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
SINGUR			0.00	0.81	(0.03)	-	-	(0.02)	0.34	1.92	1.40	1.29	1.40	1.40	1.33	9.83		9.83
SSLM LCPH			0.00	1.15	(0.55)	(0.43)	(0.46)	(0.43)	143.42	261.78	30.31	30.31	30.31	30.31	30.31	556.04		556.04
Nagarjunasagar Tail Pond Dam Power House			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Priyadarshini Jurala Hydro Electric Project- AP Share			0.00	(0.19)	(0.16)	(0.07)	(0.16)	(0.18)	36.50	40.17	0.32	0.32	0.32	0.32	0.32	77.53		77.53
Lower Jurala Hydro Electric Project			0.00	(0.17)	(0.24)	(0.15)	(0.03)	(0.16)	64.06	73.71	0.77	0.77	0.77	0.77	0.77	140.86		140.86
POCHAMPAD PH Stage 2			0.00	-	-	(0.05)	1.01	-	0.04	-	1.03	1.03	1.03	1.03	1.03	6.13		6.13
Pulichintala New project			0.00	-	-	-	-	-	-	2.88	0.34	0.34	0.34	0.34	0.34	4.60		4.60

Mini hydel & others			0.00	0.32	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	-	0.05	0.06	0.53	0.57	0.55	2.01		2.01
Ramagiri wind mills			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Pochampad Stage-IV			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL HYDRO				23.75	14.74	0.77	0.08	-0.99	245.80	387.33	62.89	69.46	62.31	64.22	64.10	994.47	0.00	994.47
TOTAL TSGENCO				1320.61	1193.54	908.81	771.12	949.71	1229.96	1258.65	883.05	971.23	1085.73	1018.23	1120.33	12710.95	0.00	12710.95
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)			2.44	131.50	137.68	76.63	139.32	111.09	117.36	120.06	142.53	147.30	147.30	133.00	147.30	1551.05		1551.05
NTPC (SR) Stage III			2.38	39.95	40.18	21.54	35.57	27.89	30.77	36.20	34.94	36.20	36.20	32.68	36.20	408.31		408.31
Total NTPC(SR)				171.45	177.86	98.17	174.90	138.98	148.12	156.26	177.47	183.49	183.49	165.67	183.49	1959.35	0.00	1959.35
NTPC (ER)																		
Farakka			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Kahalgaon			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Talcher - Stage 1			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Talcher Stage 2			1.49	91.13	84.22	80.17	85.10	70.69	82.18	72.00	90.54	93.57	93.57	84.54	93.57	1021.29		1021.29
Others			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Total NTPC(ER)				91.13	84.22	80.17	85.10	70.69	82.18	72.00	90.54	93.57	93.57	84.54	93.57	1021.29	0.00	1021.29
Total NTPC				262.59	262.08	178.34	260.00	209.67	230.30	228.26	268.01	277.06	277.06	250.21	277.06	2980.64	0.00	2980.64
NLC TS-II																		
Stage-I			3.08	18.34	4.18	7.52	9.96	7.54	12.47	16.03	22.20	23.53	25.17	22.75	25.02	194.70		194.70
Stage-II			2.95	34.56	7.81	11.25	21.64	11.02	28.47	41.40	31.73	37.19	44.76	40.34	44.55	354.71		354.71
Total NLC				52.90	11.98	18.77	31.59	18.56	40.94	57.42	53.93	60.72	69.93	63.09	69.56	549.41	0.00	549.41
NPC																		
NPC-MAPS			4.28	3.76	4.64	6.71	9.18	10.03	9.81	8.64	8.40	8.64	8.64	7.77	8.64	94.85		94.85
NPC-Kaiga unit I			3.29	28.13	33.00	31.71	33.94	34.07	32.73	28.93	28.28	28.93	28.93	26.12	28.93	363.72		363.72
NPC-Kaiga unit II			3.29	34.59	35.50	34.53	36.48	36.72	35.29	32.46	28.46	19.85	32.46	29.46	32.46	388.24		388.24
Total NPC				66.48	73.14	72.95	79.60	80.83	77.83	70.02	65.14	57.42	70.02	63.35	70.02	846.80	0.00	846.80
NTPC - Simhadri																		
NTPC Simhadri Stage I			3.05	200.83	150.72	114.21	97.05	127.55	15.07	227.54	221.14	228.29	228.29	206.85	229.04	2046.58		2046.58
NTPC Simhadri Stage II			2.81	24.22	33.56	32.80	53.52	28.69	30.82	95.16	92.09	95.16	95.81	86.42	95.81	764.06		764.06
Total NTPC- Simhadri				225.05	184.29	147.00	150.57	156.24	45.89	322.70	313.23	323.45	324.10	293.27	324.85	2810.64	0.00	2810.64
CGS - New																		
Vallur Thermal Power Plant			2.63	20.96	-	-	10.74	16.32	18.64	33.97	35.32	51.55	52.69	47.66	52.69	340.53		340.53
Tuticorin			3.08	17.27	30.63	16.80	57.29	40.38	11.08	49.22	65.32	67.49	67.49	60.96	67.49	551.43		551.43
NPC- Kudankulam			4.10	15.30	10.37	21.57	24.55	2.21	-	-	5.22	28.77	28.77	17.40	-	154.17		154.17
NVVNL Bundled Power -COAL			4.36	18.20	18.48	16.68	18.53	17.10	16.34	19.78	19.78	19.78	120.96	111.17	120.96	517.74		517.74
Kudigi				-	-	-	-	-	14.68	14.69	22.74	23.50	24.68	22.29	26.56	149.14		149.14
TOTAL CGS				678.73	590.97	472.11	632.86	541.31	455.70	796.05	848.69	909.75	1035.71	929.41	1009.20	8900.50	0.00	8900.50
APGPCL																		
APGPCL I - Allocated capacity			2.40	1.38	1.89	1.61	2.14	2.01	1.98	0.73	0.91	0.81	0.81	0.83	0.98	16.08		16.08
APGPCL I - Unutilised capacity			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
APGPCL II - Allocated capacity			2.37	4.67	6.70	5.99	7.20	6.70	6.82	2.26	2.89	2.60	2.56	2.66	3.13	54.19		54.19
APGPCL II - Unutilised capacity			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Total APGPCL				6.05	8.59	7.60	9.34	8.71	8.80	2.99	3.79	3.41	3.37	3.50	4.12	70.26	0.00	70.26
IPPS																		
GVK				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Spectrum				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Kondapalli (Naphtha)				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Kondapalli (Gas)				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
BSES				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
GVK Extension				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Vemagiri				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Gautami				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00

Konaseema				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL IPPS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE																		
NCE - Bio-Mass			5.67	2.74	3.88	2.78	3.04	2.01	3.19	3.29	3.46	4.03	5.70	5.31	3.80	43.22		43.22
NCE - Bagasse			4.21	-	-	-	-	-	-	-	0.02	2.55	3.35	1.54	0.83	8.28		8.28
NCE - Municipal Waste to Energy			0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
NCE - Industrial Waste based power project			6.11	1.30	1.30	3.86	3.56	2.83	2.72	0.25	0.18	0.94	1.92	3.18	3.17	25.22		25.22
NCE - Wind Power			4.69	13.79	13.48	17.03	16.48	17.03	17.03	10.55	15.68	16.96	18.47	15.28	12.59	184.35		184.35
NCE - Mini Hydel			0.00	0.05	0.03	-	-	-	-	0.84	0.23	0.04	0.18	0.25	0.14	1.77		1.77
NCE - NCL Energy Ltd			0.00													0.00		0.00
NCE-Others			6.07	135.95	133.07	215.57	117.60	172.90	137.37	219.74	212.43	242.84	312.69	281.92	314.17	2496.25		2496.25
TOTAL NCE				153.83	151.76	239.23	140.67	194.78	160.30	234.66	232.01	267.35	342.32	307.48	334.69	2759.09	0.00	2759.09
OTHERS																		
Srivathsa				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
LVS				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
Vishakapatnam Steel Plant				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
NB Ferro Alloys				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
			0.00													0.00		0.00
Singareni			2.16	487.48	474.03	455.76	508.26	580.09	535.41	553.05	539.43	413.57	557.42	503.47	413.57	6021.53		6021.53
Thermal Power Tech			1.79	136.85	140.14	136.41	140.59	139.46	127.63	123.55	119.57	98.84	123.55	111.59	123.55	1521.73		1521.73
CSPGCL			1.20	-	265.83	331.41	335.52	306.68	229.32	243.50	260.87	377.81	377.79	309.35	377.79	3415.87		3415.87
Thermal Power Tech Unit II			2.24	286.80	263.30	225.20	292.89	270.53	256.13	261.36	252.93	209.09	261.36	236.07	261.36	3077.03		3077.03
			0.00													0.00		0.00
																0.00		0.00
TOTAL OTHERS				911.13	1143.30	1148.78	1277.26	1296.76	1148.48	1181.47	1172.80	1099.31	1320.12	1160.48	1176.27	14036.16	0.00	14036.16
MARKET																		
PTC																0.00		0.00
RCL and Short-Term Sources(IG Wells,Kesoram)																0.00		0.00
CPDCL																0.00		0.00
EPDCL																0.00		0.00
NPDCL																0.00		0.00
SPDCL																0.00		0.00
UI																0.00		0.00
Other Short Term Sources			0.00	419.02	33.00	15.31	451.83	643.20	550.37	-	-	-	386.88	455.45	559.10	3514.16		3514.16
				-	-	-	-	-	-	-	-	-	-	-	-	0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL MARKET				419.02	33.00	15.31	451.83	643.20	550.37	0.00	0.00	0.00	386.88	455.45	559.10	3514.16	0.00	3514.16
TOTAL (From All Sources)				3489.37	3121.16	2791.85	3283.09	3634.46	3553.62	3473.81	3140.33	3251.05	4174.14	3874.55	4203.70	41991.12	0.00	41991.12

2018-19

Generating Station	D Link	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)													Yearly Auxiliary Consumption	Net Energy Availability
				April	May	June	July	August	September	October	November	December	January	February	March	Total		
TSGENCO																		
Thermal																		
VTPS I			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
VTPS II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00

220

Others			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)				91.96	91.13	68.09	74.12	77.11	91.61	95.64	92.59	95.64	95.64	86.41	95.64	1055.57	0.00	1055.57
Total NTPC				269.00	276.47	241.42	242.22	237.52	258.35	261.50	273.63	267.46	290.12	262.07	276.91	3156.68	0.00	3156.68
NLC TS-II																		
Stage-I			2.74	24.84	25.49	23.78	17.45	25.16	17.94	22.00	15.83	23.38	25.32	22.97	25.24	269.40		269.40
Stage-II			2.74	45.12	46.38	33.24	43.33	34.39	38.81	32.29	40.70	31.87	46.17	41.55	46.07	479.93		479.93
Total NLC				69.96	71.87	57.02	60.78	59.56	56.75	54.29	56.53	55.25	71.50	64.52	71.31	749.33	0.00	749.33
NPC																		
NPC-MAPS			2.18	8.83	4.29	6.46	9.12	9.12	8.83	9.12	8.83	9.12	9.12	8.17	9.12	100.15		100.15
NPC-Kaiga unit I			3.14	29.87	30.60	29.87	15.42	23.07	29.87	30.60	29.87	30.60	30.60	27.93	30.60	338.93		338.93
NPC-Kaiga unit II			3.14	30.66	31.43	30.66	31.43	31.43	30.66	31.43	30.66	15.72	23.57	28.85	31.43	347.92		347.92
Total NPC				69.36	66.32	66.99	55.98	63.63	69.36	71.16	69.36	55.44	63.30	64.95	71.16	787.01	0.00	787.01
NTPC - Simhadri																		
NTPC Simhadri Stage I			2.73	235.87	242.28	167.39	124.94	243.88	235.87	243.88	235.87	243.88	243.88	220.66	243.88	2682.30		2682.30
NTPC Simhadri Stage II			2.74	95.06	99.31	95.06	98.29	86.41	66.71	98.29	95.06	98.29	98.97	89.29	100.16	1120.90		1120.90
Total NTPC- Simhadri				330.94	341.59	262.46	223.23	330.29	302.59	342.17	330.94	342.17	342.85	309.95	344.04	3803.20	0.00	3803.20
CGS - New																		
Vallur Thermal Power Plant			2.59	48.57	50.19	34.66	46.29	50.19	46.93	39.90	34.03	49.66	50.75	45.84	50.75	547.77		547.77
Tuticorin			2.95	48.95	56.56	56.56	67.44	65.26	65.26	67.44	65.26	67.44	67.44	60.91	67.44	755.96		755.96
NPC- Kudankulam			4.10	0.00	20.59	19.94	20.59	20.59	19.94	20.59	19.94	20.59	20.59	18.41	0.00	201.81		201.81
NCE -Bundled power NVVNL (Coal)			4.62	117.70	120.96	117.70	120.96	120.96	117.70	120.96	117.70	120.96	120.96	111.17	120.96	1428.66		1428.66
Kudigi			3.48	109.63	113.29	109.63	113.29	113.29	109.63	113.29	109.63	117.06	122.72	88.27	109.96	1329.67		1329.67
TOTAL CGS				1064.10	1117.85	966.38	950.79	1061.29	1046.52	1091.29	1077.03	1096.03	1150.23	1026.08	1112.52	12760.09	0.00	12760.09
APGPCL																		
APGPCL I - Allocated capacity			2.40	0.81	0.84	0.81	0.84	0.81	0.81	0.83	0.81	0.84	0.81	0.78	0.84	9.80		9.80
APGPCL I - Unutilised capacity			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
APGPCL II - Allocated capacity			2.37	2.58	2.66	2.58	2.66	2.58	2.58	2.66	2.58	2.66	2.56	2.49	2.66	31.24		31.24
APGPCL II - Unutilised capacity			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Total APGPCL				3.38	3.50	3.38	3.50	3.38	3.38	3.49	3.38	3.50	3.37	3.27	3.50	41.04	0.00	41.04
IPPS																		
GVK																0.00		0.00
Spectrum																0.00		0.00
Kondapalli (Naphtha)																0.00		0.00
Kondapalli (Gas)																0.00		0.00
BSES																0.00		0.00
GVK Extension																0.00		0.00
Vemagiri																0.00		0.00
Gautami																0.00		0.00
Konaseema																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL IPPS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE																		
NCE - Bio-Mass			6.83	3.26	4.54	3.31	3.73	2.24	3.54	3.29	3.47	4.03	5.70	5.65	3.80	46.55		46.55
NCE - Bagasse			4.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	2.34	3.07	2.10	0.76	8.28		8.28
NCE - Municipal Waste to Energy			7.40	5.35	5.52	5.35	5.52	5.52	5.35	7.98	7.72	7.98	7.98	7.21	7.98	79.45		79.45
NCE - Industrial Waste based power project			7.00	1.18	1.18	3.51	3.24	2.58	2.47	0.28	0.21	1.08	2.20	3.65	3.63	25.22		25.22
NCE - Wind Power			4.70	13.79	13.48	17.03	16.48	17.03	17.03	10.55	15.68	16.96	18.47	15.28	12.59	184.35		184.35
NCE - Mini Hydel			0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.84	0.23	0.04	0.18	0.25	0.14	1.77		1.77
NCE - NCL Energy Ltd			0.00													0.00		0.00
NCE-Others			5.88	317.77	328.22	316.34	328.85	329.12	318.45	330.28	319.41	329.88	330.35	297.86	331.32	3877.85		3877.85
TOTAL NCE				341.41	352.97	345.53	357.83	356.48	346.83	353.22	346.73	362.30	367.96	331.99	360.21	4223.47	0.00	4223.47
OTHERS																		
Srivathsa																0.00		0.00

LVS																0.00		0.00
Vishakapatnam Steel Plant																0.00		0.00
NB Ferro Alloys																0.00		0.00
Singareni			2.15	524.23	541.71	524.23	323.28	541.71	524.23	541.71	524.23	541.71	323.28	489.28	541.71	5941.32		5941.32
Thermal Power Tech			1.74	117.17	121.07	117.17	121.07	121.07	117.17	121.07	117.17	96.86	121.07	109.36	121.07	1401.31		1401.31
CSPGCL			1.20	400.67	414.04	400.67	414.04	414.04	400.67	414.04	400.67	414.04	414.04	373.96	414.04	4874.93		4874.93
Thermal Power Tech Unit II			2.23	247.86	256.12	247.86	256.12	256.12	247.86	256.12	247.86	204.89	256.12	231.33	256.12	2964.35		2964.35
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL OTHERS				1289.92	1332.94	1289.92	1114.51	1332.94	1289.92	1332.94	1289.92	1257.50	1114.51	1203.93	1332.94	15181.90	0.00	15181.90
MARKET																		
PTC																0.00		0.00
RCL and Short-Term Sources(IG Wells,Kesoram)																0.00		0.00
CPDCL																0.00		0.00
EPDCL																0.00		0.00
NPDCL																0.00		0.00
SPDCL																0.00		0.00
UI																0.00		0.00
Other Short Term Sources			4.00	270.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	270.53		270.53
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
																0.00		0.00
TOTAL MARKET				270.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	270.53	0.00	270.53
TOTAL (From All Sources)				3864.11	3689.84	3458.36	3711.67	4369.50	4366.60	4598.52	3930.35	3906.04	3950.53	3752.46	4168.73	47766.72	0.00	47766.72

Form 4.2
Energy Dispatch
Base Year

Generating Station	D Link	Variable Cost (Rs. / kWh)	Energy Dispatch (MU)												Total
			April	May	June	July	August	September	October	November	December	January	February	March	
TSGENCO															
Thermal															
VTPS I		2.66	324.42	353.65	289.17	330.76	253.57	311.09	210.31	282.75	319.94	364.80	337.04	372.74	3750.23
VTPS II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV		3.03	154.53	149.39	127.55	143.07	142.52	138.45	114.97	136.40	129.96	146.32	139.88	134.86	1657.89
RTPP I		3.32	114.48	117.24	108.51	68.70	47.62	31.79	74.79	69.39	107.07	113.99	100.24	109.22	1063.04
RTPP Stage-II		3.32	123.65	121.00	114.80	116.09	112.64	63.87	77.90	104.39	83.27	119.22	117.22	115.48	1269.51
RTPP Stage-III		3.32	45.09	60.70	54.87	55.86	49.95	41.66	41.64	44.24	27.28	58.21	56.50	54.94	590.95
KTPS A		2.46	164.27	168.07	140.31	114.83	103.71	136.19	145.96	149.97	162.67	158.49	137.06	170.67	1752.21
KTPS B		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS Stage VI		1.96	131.85	140.90	88.66	111.39	104.31	128.63	129.09	135.44	136.92	129.27	115.71	139.51	1491.67
RTS B		2.45	15.51	17.95	15.30	15.52	15.18	14.92	15.05	16.27	12.88	17.74	13.60	14.66	184.57
NTS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I		2.10	119.07	149.10	106.89	11.19	94.40	124.04	118.51	110.15	132.05	145.01	109.89	133.08	1353.37
Kakatiya Thermal Power Plant Stage II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - I		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS Stage VI Infirm Power		2.68	151.83	134.06	130.97	101.54	1.40	106.88	131.74	142.85	145.30	154.48	141.23	150.38	1492.67
															0.00
															0.00
															0.00
															0.00
TOTAL THERMAL			1344.69	1412.07	1177.03	1068.95	925.29	1097.52	1059.96	1191.84	1257.31	1407.53	1268.37	1395.55	14606.11
MACHKUND PH AP Share		0.00	15.59	17.74	11.42	12.55	11.62	12.87	9.33	10.73	10.63	10.23	8.82	11.58	143.12
TUNGBHADRA PH AP Share		-1.00	1.19	1.79	-0.23	5.21	13.44	10.52	8.48	8.65	4.08	7.55	5.34	4.47	70.50
USL		0.00	23.00	6.58	14.34	19.22	4.84	8.59	18.75	22.53	20.72	23.14	18.22	28.00	207.92
LSR		0.00	54.03	52.60	39.01	43.52	47.49	37.56	48.52	51.56	51.90	52.67	40.64	55.14	574.66
DONKARAYI		0.00	4.38	3.37	1.72	2.05	4.74	4.79	6.27	6.37	6.40	6.12	2.36	4.55	53.12
SSLM		0.00	62.15	27.45	11.53	43.24	170.34	112.88	42.03	22.06	23.95	43.35	57.69	63.57	680.25
NSPH		0.00	17.72	-0.23	-0.20	1.55	220.80	143.77	74.68	23.72	25.50	35.32	26.50	45.31	614.45
NSRCPH		0.00	0.00	0.00	0.00	0.00	15.93	19.15	17.06	18.97	13.69	9.40	2.25	0.00	96.45
NSLCPH		0.00	0.00	0.00	0.00	0.00	10.46	13.00	7.43	7.06	4.81	1.92	0.00	0.00	44.68
POCHAMPAD PH		0.00	0.01	-0.01	-0.01	1.51	5.88	4.24	5.54	0.55	1.24	3.32	3.68	3.63	29.58
NIZAMSAGAR PH		0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.74	0.40	-0.01	0.33	1.67	1.31	1.40	5.78
PABM		0.00	-0.01	-0.01	-0.01	0.12	0.96	0.60	-0.01	-0.01	-0.01	-0.01	0.22	0.39	2.20
MINI HYDRO&OTHERS		0.00	0.06	0.00	0.02	0.18	0.60	0.57	0.66	0.17	0.54	0.51	0.49	0.53	4.32
SINGUR		0.00	0.19	-0.01	-0.01	-0.01	-0.01	0.19	-0.01	-0.01	-0.01	0.19	0.36	1.13	1.98
SSLM LCPH		0.00	1.54	-0.02	0.00	1.25	241.60	178.59	90.83	10.81	6.71	7.30	20.33	51.46	610.39
Nagarjunasagar Tail Pond Dam Power House		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share		0.00	-0.03	-0.02	-0.04	17.15	48.15	27.85	22.80	4.77	1.69	0.49	-0.04	-0.04	122.73
Lower Jurala Hydro Electric Project		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POCHAMPAD Stig-II		0.00	0.00	0.00	0.00	0.41	0.91	0.72	1.95	0.06	0.08	1.55	1.54	1.61	8.84
PULICHINTAL(New Project)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ramagiri Wind Mills		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Jurala Hydro Electric Project - Infirm Power		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0.00
														0.00
														0.00
														0.00
TOTAL HYDRO			179.81	109.22	77.54	147.93	797.76	576.63	354.72	187.99	172.23	204.71	189.71	3270.96
TOTAL TSGENCO			1524.50	1521.28	1254.57	1216.89	1723.05	1674.15	1414.68	1379.83	1429.55	1612.24	1458.08	17877.07
Central Generating Stations														
NTPC														
NTPC (SR)														
NTPC (SR)		2.11	207.99	215.90	154.17	168.52	139.99	149.41	146.86	188.97	210.28	194.13	199.91	2188.24
NTPC (SR) Stage III		2.68	53.59	53.32	46.45	48.59	46.79	47.66	46.27	52.64	39.87	67.02	56.69	610.35
Total NTPC(SR)			261.58	269.22	200.62	217.11	186.79	197.06	193.13	241.61	250.15	261.15	256.60	2798.59
NTPC (ER)														
Farakka		5.42	9.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.42
Kahalgaon		5.94	4.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.19
Talcher - Stage 1		1.64	6.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.07
Talcher Stage 2		1.52	82.19	76.42	93.11	100.09	99.67	101.45	91.45	118.73	121.19	126.83	113.20	1255.09
Others		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)			101.88	76.42	93.11	100.09	99.67	101.45	91.45	118.73	121.19	126.83	113.20	1274.78
Total NTPC			363.46	345.64	293.74	317.20	286.46	298.51	284.58	360.35	371.35	387.98	369.80	4073.37
NLC TS-II														
Stage-I		2.15	33.80	34.69	30.95	36.97	32.20	29.05	19.83	26.62	23.70	40.41	32.16	377.48
Stage-II		2.05	59.49	58.34	58.44	56.74	37.32	39.20	48.71	46.85	61.28	72.81	56.27	660.13
Total NLC			93.29	93.03	89.40	93.71	69.52	68.26	68.53	73.48	84.98	113.22	88.44	1037.61
NPC														
NPC-MAPS		2.07	4.47	4.44	4.47	4.72	4.72	4.56	9.28	6.34	9.81	9.84	8.06	80.58
NPC-Kaiga unit I		3.02	35.06	37.83	37.80	41.13	42.16	40.38	39.40	31.82	25.61	33.21	31.31	430.51
NPC-Kaiga unit II		3.02	32.53	41.21	39.59	42.79	44.24	31.18	31.45	22.50	45.35	42.31	38.13	436.84
Total NPC			72.06	83.48	81.87	88.64	91.12	76.12	80.12	60.66	80.76	85.37	77.50	947.93
NTPC - Simhadri														
NTPC Simhadri Stage I		2.38	294.57	272.37	291.91	268.26	307.50	284.53	256.58	171.57	268.89	288.55	285.68	3305.53
NTPC Simhadri Stage II		2.40	128.56	117.38	129.79	104.79	67.51	95.72	88.94	128.65	144.43	169.27	148.55	1470.36
Total NTPC- Simhadri			423.13	389.75	421.69	373.05	375.01	380.25	345.51	300.22	413.32	457.81	434.23	4775.89
CGS - New														
Vallur Thermal Power Plant		2.14	14.04	10.27	7.84	16.88	4.68	17.35	21.84	21.81	20.63	47.94	31.36	241.51
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS			965.98	922.17	894.54	889.48	826.79	840.49	800.59	816.51	971.03	1092.32	1001.33	11076.32
APGPCL														
APGPCL I - Allocated capacity		2.60	1.99	1.87	2.31	2.25	1.95	1.90	1.82	1.85	2.14	2.04	2.91	27.64
APGPCL I - Unutilised capacity		2.56	1.33	0.02	0.08	0.06	0.09	0.09	0.04	0.02	0.24	0.31	0.50	3.81
APGPCL II - Allocated capacity		2.77	6.99	6.67	7.06	7.91	6.87	6.64	6.45	6.45	8.04	7.40	3.76	74.25
APGPCL II - Unutilised capacity		2.83	1.75	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95
Total Apgpcl			12.07	9.76	9.45	10.22	8.92	8.63	8.31	8.32	10.43	9.75	7.17	108.65

IPPS															
GVK		2.19	34.70	34.37	38.15	35.65	32.80	31.44	33.18	37.96	45.42	44.15	38.58	33.25	439.66
Spectrum		2.48	38.48	35.69	36.47	36.37	34.24	31.23	33.45	41.52	55.79	51.81	45.04	45.26	485.35
Kondapalli (Naphtha)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)		2.25	68.50	64.86	55.54	53.46	49.64	44.65	52.77	53.77	24.74	45.56	61.12	74.25	648.87
BSES		1.64	16.31	14.94	23.62	21.09	17.23	16.43	15.83	16.93	24.65	19.84	14.83	10.39	212.09
GVK Extension		0.00	0.00	0.45	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67
Vemagiri		7.47	50.73	19.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.59
Gautami		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema		0.00	2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS			210.79	170.19	154.00	146.58	133.92	123.75	135.23	150.18	150.60	161.37	159.56	163.14	1859.30
NCE															
NCE - Bio-Mass		18.79	1.93	0.98	2.76	2.02	0.14	1.65	2.91	3.54	4.69	6.48	6.82	3.95	37.87
NCE - Bagasse		3.12	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.65	5.18	6.69	7.98	26.95
NCE - Municipal Waste to Energy		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project		10.46	2.56	2.95	2.50	2.77	1.10	1.14	0.00	0.00	0.00	0.00	3.44	1.76	18.22
NCE - Wind Power		3.77	16.50	38.71	105.65	125.51	127.83	50.27	53.29	20.32	22.70	47.58	38.37	83.15	729.87
NCE - Mini Hydel		5.50	0.00	0.06	0.00	0.00	7.44	10.01	12.53	11.70	11.29	10.67	10.75	7.65	82.11
NCE - NCL Energy Ltd		1.80	0.00	0.00	0.00	0.99	1.92	1.57	1.79	1.58	1.21	0.34	0.00	0.00	9.42
NCE-Others		5.60	5.32	7.77	8.02	8.62	12.15	13.22	14.41	15.39	16.55	16.64	15.89	17.79	151.78
TOTAL NCE			28.75	50.46	118.93	139.91	150.58	77.87	84.93	52.54	61.10	86.90	81.97	122.28	1056.21
OTHERS															
Srivathsa		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sponge Iron *		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Water Plant *		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kesoram *		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Essar Steels *		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSK Mahanadi (MT)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MTOA Transimission Charges (KSK Mahanadi)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MTOA SLDC Charges (KSK Mahanadi)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKET															
PTC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Short Term Sources		5.73	379.31	574.69	436.84	583.88	553.36	565.81	629.58	499.57	580.01	547.12	569.62	667.34	6587.13
Mediumt Term Sources/Traders (Medium Term)		2.63	0.00	0.00	0.00	0.00	48.02	59.88	73.96	119.12	116.28	126.82	95.29	112.52	751.87
APTEL Differential cost Reversal as per APERC Order		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PROVISION FOR IREDA FOR FY 2012-13		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bi-lateral Sales(PTC etc.)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool Purchase		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pool Sales		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI Underdrawal & IST		0.00	-18.66	-13.45	-22.18	-19.32	-20.47	-28.57	-22.70	-18.32	-11.01	-3.29	-1.28	-11.96
TOTAL MARKET			360.65	561.25	414.66	564.56	580.91	597.11	680.84	600.37	685.27	670.64	663.63	767.90
TOTAL (From All Sources)			3102.73	3235.11	2846.15	2967.63	3424.16	3321.99	3124.57	3007.75	3307.98	3633.22	3371.74	3782.33

2014-15

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total
			April	May	June	July	August	September	October	November	December	January	February	March	
TSGENCO															
Thermal															
VTPS I		3.01	276.43	268.11	260.66	249.98	192.33	195.34	223.49	276.67	289.95	285.17	253.73	294.57	3066.44
VTPS II		0.00													0.00
VTPS III		0.00													0.00
VTPS IV		2.89	113.83	103.56	123.70	107.06	110.38	96.57	109.50	117.35	61.60	126.19	106.63	107.69	1284.06
RTPP I		3.60	82.90	66.99	57.66	54.16	63.13	73.47	86.48	82.14	80.45	81.72	79.45	90.12	898.66
RTPP Stage-II		3.40	99.52	87.22	84.53	63.31	86.62	64.94	94.18	75.45	88.91	92.67	82.94	101.42	1021.71
RTPP Stage-III		3.46	48.08	39.73	41.95	39.41	14.86	33.21	45.52	40.17	40.15	42.20	41.10	50.59	476.99
KTPS A		2.57	127.00	116.73	112.29	118.26	111.60	96.99	139.22	129.96	122.38	122.87	141.59	161.70	1500.59
KTPS B		0.00													0.00
KTPS C		0.00													0.00
KTPS D		2.08	108.49	100.43	99.45	96.61	94.01	84.81	95.83	64.94	61.76	127.32	110.65	131.74	1176.04
KTPS Stage VI		3.01	116.20	108.61	114.34	121.90	107.07	102.49	123.04	118.75	126.11	114.15	112.57	133.52	1398.74
RTS B		0.74	11.93	12.71	11.85	11.45	11.47	4.82	-0.17	-0.32	1.24	-0.16	-0.15	-0.18	64.48
NTS		0.00													0.00
Kakatiya Thermal Power Plant Stage I		2.28	124.35	122.76	117.36	128.07	125.20	115.22	129.82	125.72	129.62	126.27	105.18	118.51	1468.10
Kakatiya Thermal Power Plant Stage II															0.00
Damodaram Sanjeevaiah Thermal power plant - I															0.00
Damodaram Sanjeevaiah Thermal power plant - II															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL THERMAL			1108.72	1026.85	1023.79	990.22	916.68	867.88	1046.92	1030.83	1002.17	1118.39	1033.69	1189.67	12355.83
MACHKUND PH AP Share		0.00	11.18	7.75	6.17	5.84	1.09	7.50	5.61	5.70	4.93	5.66	4.69	3.08	69.21
TUNGBHADRA PH AP Share		0.00	0.65	-0.22	-0.01	0.00	0.73	6.83	6.61	6.19	7.20	7.82	7.65	7.77	51.23
USL		0.00	21.77	15.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.82
LSR		0.00	49.72	49.16	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.77
DONKARAYI		0.00	4.95	4.89	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.05
SSLM		0.00	33.89	0.64	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26
NSPH		0.00	3.60	-0.18	5.22	15.24	61.28	150.89	94.29	34.91	9.03	0.04	3.26	9.58	387.16
NSRCPH		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH		0.00	0.00	0.00	0.00	0.00	0.30	2.87	4.59	4.88	3.34	0.54	0.00	0.00	16.53
POCHAMPAD PH		0.00	1.66	-0.01	-0.01	-0.01	-0.01	0.11	0.76	0.00	0.82	0.00	0.06	0.08	3.45
NIZAMSAGAR PH		0.00	0.00	-0.01	-0.01	-0.01	0.23	0.72	0.63	-0.01	-0.01	-0.01	0.09	-0.01	1.60
PABM		0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03
MINI HYDRO&OTHERS		0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28
SINGUR		0.00	0.99	0.15	-0.01	0.22	0.07	0.14	0.13	0.25	0.10	0.06	0.15	0.16	2.41
SSLM LCPH		0.00	27.84	-0.19	-0.25	3.54	180.18	198.63	109.47	27.55	52.37	29.10	24.87	29.81	682.92
Nagarjunasagar Tail Pond Dam Power House		0.00													0.00
Priyadarshini Jurala Hydro Electric Project- AP Share		0.00													0.00
Lower Jurala Hydro Electric Project		0.00	-0.04	-0.05	-0.07	1.16	34.23	43.07	0.52	1.25	-0.01	0.00	0.00	-0.08	79.98
POCHAMPAD Stig-II		0.00	0.74	0.00	0.00	0.00	0.00	0.04	0.46	0.00	0.05	0.00	0.00	0.00	1.28
PULICHINTAL(New Project)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Mini Hydel & Others (Peddapalli, Palair)		0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.03	0.03	0.13	0.04	0.02	0.00	0.32
Ramagiri Wind Mills (AP)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pochampad Stage IV		0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31
Suppl. Allocation of 100% to TS from TSHydel		0.00			-0.20	4.83	228.64	339.30	180.44	59.41	56.32	25.46	24.35	33.83	952.37
															0.00
TOTAL HYDRO			157.55	76.94	13.66	30.81	506.74	750.18	403.54	140.15	134.27	68.70	65.14	84.22	2431.92
TOTAL TSGENCO			1266.28	1103.79	1037.45	1021.03	1423.42	1618.05	1450.46	1170.99	1136.45	1187.10	1098.83	1273.90	14787.75
Central Generating Stations															
NTPC															
NTPC (SR)															
NTPC (SR)		2.46	176.73	142.24	137.82	160.61	173.05	120.54	150.97	166.39	194.33	177.68	168.33	175.92	1944.62
NTPC (SR) Stage III		2.54	47.31	43.00	40.19	37.10	17.99	36.61	48.86	43.20	51.47	43.47	43.06	38.19	490.47
Total NTPC(SR)			224.04	185.24	178.01	197.71	191.05	157.15	199.83	209.59	245.80	221.15	211.40	214.11	2435.08
NTPC (ER)															
Farakka		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2		1.46	101.02	103.30	73.37	77.92	90.50	95.42	105.42	97.89	107.01	102.11	94.74	105.51	1154.23
Others															0.00
Total NTPC(ER)			101.02	103.30	73.37	77.92	90.50	95.42	105.42	97.89	107.01	102.11	94.74	105.51	1154.23
Total NTPC			325.06	288.55	251.38	275.63	281.55	252.57	305.25	307.48	352.81	323.26	306.14	319.63	3589.31
NLC TS-II															
Stage-I		2.23	29.23	28.25	26.68	30.57	28.85	24.86	13.66	20.50	22.18	28.15	26.72	28.57	308.22
Stage-II		2.82	50.34	48.28	43.94	41.40	41.29	38.38	44.14	38.43	43.13	52.08	46.85	50.94	539.20
Total NLC			79.57	76.53	70.62	71.97	70.14	63.24	57.80	58.94	65.31	80.23	73.57	79.50	847.41
NPC															
NPC-MAPS		2.08	7.79	6.97	7.55	8.17	8.16	7.71	4.37	5.58	1.91	7.09	8.21	9.51	83.02
NPC-Kaiga unit I		2.99	27.39	28.50	26.29	28.12	28.44	27.21	28.06	15.23	29.02	32.93	31.52	28.13	330.83
NPC-Kaiga unit II		3.06	22.38	26.00	23.77	26.80	32.92	33.38	34.77	33.45	32.40	38.08	36.12	34.43	374.49
Total NPC			57.56	61.47	57.62	63.09	69.52	68.29	67.20	54.25	63.33	78.11	75.85	72.06	788.34
NTPC - Simhadri															
NTPC Simhadri Stage I		2.63	261.98	262.03	256.47	263.05	218.62	238.86	195.44	148.26	213.30	244.64	234.45	262.89	2799.97
NTPC Simhadri Stage II		2.59	128.41	115.13	103.40	128.52	82.42	48.61	67.61	108.70	119.12	108.99	109.14	112.88	1232.92
Total NTPC- Simhadri			390.39	377.16	359.87	391.57	301.04	287.47	263.05	256.96	332.41	353.63	343.58	375.76	4032.89
CGS - New															
Vallur Thermal Power Plant		1.94	30.68	31.47	23.42	33.95	25.09	15.30	21.41	22.09	18.72	27.18	25.16	33.01	307.46
NTPC NVVNL Bundled Power Coal		3.01	10.56	9.97	10.61	10.39	10.29	9.75	10.95	15.09	22.24	21.38	20.12	22.54	173.90
0.00															0.00
0.00															0.00
0.00															0.00
TOTAL CGS			893.81	845.15	773.52	846.60	757.62	696.63	725.66	714.81	854.83	883.78	844.42	902.50	9739.32
APGPCL															
APGPCL I - Allocated capacity		2.76	2.03	1.50	1.56	0.69	0.00	0.00	0.00	0.74	1.64	1.41	1.07	1.15	11.78
APGPCL I - Unutilised capacity		2.77	0.04	0.20	0.23	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58
APGPCL II - Allocated capacity		2.61	4.27	5.75	5.68	2.60	0.00	0.00	0.00	2.50	6.00	5.15	3.85	4.14	39.94
APGPCL II - Unutilised capacity		2.61	0.51	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52
Total Apgpcl			6.85	7.45	7.48	3.41	0.00	0.00	0.00	3.24	7.64	6.56	4.92	5.28	52.82

IPPS															
GVK		2.99	26.10	19.34	20.77	5.14	0.00	0.00	11.44	26.16	26.99	27.46	25.13	31.48	220.02
Spectrum		3.15	27.04	29.43	21.45	4.89	-0.27	-0.09	2.59	25.86	33.69	23.10	19.32	21.02	208.04
Kondapalli (Naphtha)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)		5.17	52.11	50.96	36.38	16.23	2.48	0.07	0.03	0.00	0.00	9.03	11.27	12.46	191.03
BSES		2.52	2.10	9.25	11.62	3.61	0.00	0.00	7.36	14.64	11.92	3.02	0.00	0.00	63.53
GVK Extension															0.00
Vemagiri															0.00
Gautami															0.00
Konaseema															0.00
0.00															0.00
0.00															0.00
0.00															0.00
0.00															0.00
0.00															0.00
TOTAL IPPS			107.34	108.98	90.23	29.87	2.21	-0.03	21.43	66.67	72.60	62.61	55.72	64.96	682.61
NCE															
NCE - Bio-Mass		5.42	2.56	5.11	4.50	3.71	0.78	2.00	3.58	3.80	4.67	4.33	4.79	6.45	46.31
NCE - Bagasse		3.58	5.15	6.85	0.00	0.00	0.00	0.00	0.00	0.94	6.27	7.37	7.52	7.70	41.80
NCE - Municipal Waste to Energy		5.85	1.21	2.31	3.01	4.23	2.63	2.26	2.92	1.79	1.62	3.69	3.14	3.93	32.72
NCE - Industrial Waste based power project		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power		0.00	0.00	0.00	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.84
NCE - Mini Hydrel		1.84	0.15	0.00	0.00	0.00	0.12	0.62	0.82	0.76	0.28	0.34	0.37	0.49	3.93
NCE - NCL Energy Ltd		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others		9.35	4.17	3.98	3.60	3.78	5.83	5.68	7.40	2.26	6.93	8.34	8.71	11.66	72.36
TOTAL NCE			13.24	18.25	14.96	11.72	9.37	10.56	14.73	9.54	19.77	24.08	24.53	30.23	200.96
OTHERS															
Srivathsa															0.00
LVS															0.00
Vishakapatnam Steel Plant															0.00
NB Ferro Alloys															0.00
															0.00
															0.00
Essar steels															0.00
KSK Mahanadi (MT)		2.30	93.74	78.62	18.66	109.51	73.62	104.25	104.95	91.83	111.78	92.89	99.85	103.76	1083.45
Hinduja															0.00
RLNG															0.00
TOTAL OTHERS			93.74	78.62	18.66	109.51	73.62	104.25	104.95	91.83	111.78	92.89	99.85	103.76	1083.45
MARKET															
PTC															0.00
RCL and Short-Term Sources(IG Wells,Kesoram)															0.00
															0.00
															0.00
APSPDCL		3.54			8.10	9.80	11.72	11.67	12.83	12.07	14.28	14.39	12.53	16.40	123.78
UI		3.28	25.11	16.51	0.00	66.68	37.07	11.97	34.06	36.37	44.82	36.64	47.83	31.83	388.89
Other Short Term Sources		5.18	496.84	520.99	542.52	614.95	613.36	519.58	587.77	463.03	493.38	509.26	507.38	648.58	6517.64
Pool Transaction (Purchases)															0.00
0.00															0.00
0.00															0.00
Bi-lateral Sales(PTC etc.)															0.00
Jhajjar															0.00

Pool Purchase		3.22			179.67	95.36	50.09			81.45	37.89	37.89	37.89	37.89	558.14
Pool Sales		7.62	-43.12	-131.79	-4.79			-31.77	-38.84						-250.31
TOTAL MARKET			478.83	405.71	725.50	786.79	712.23	511.45	595.81	592.92	590.37	598.19	605.63	734.70	7338.15
TOTAL (From All Sources)			2860.10	2567.95	2667.79	2808.93	2978.47	2940.91	2913.04	2649.99	2793.43	2855.21	2733.90	3115.33	33885.06

2015-16

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total
			April	May	June	July	August	September	October	November	December	January	February	March	
TSGENCO															
Thermal															
VTPS I		3.20	273.33	277.11	224.60	252.34	267.61	230.00	265.30	272.21	298.87	295.76	271.77	274.40	3203.32
VTPS II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV		3.01	95.95	106.64	92.53	119.69	115.47	100.46	124.81	33.70	0.00	86.87	117.92	124.40	1118.44
RTPP I		3.49	77.66	86.47	76.68	70.22	82.44	82.66	95.06	96.43	98.44	98.78	94.47	83.63	1042.94
RTPP Stage-II		3.36	85.94	98.64	78.67	97.79	71.41	88.83	94.66	77.96	93.06	98.97	94.01	91.98	1071.91
RTPP Stage-III		3.41	43.12	47.07	36.88	47.94	14.63	43.49	47.00	42.34	48.87	50.48	47.15	46.01	514.99
KTPS A		2.52	125.26	146.85	95.86	112.27	135.82	120.69	144.38	115.41	127.74	115.90	121.45	124.49	1486.13
KTPS B		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D		2.07	107.01	125.01	83.56	108.38	112.43	86.69	90.30	106.75	71.30	69.26	114.32	129.24	1204.25
KTPS Stage VI		2.63	46.78	77.99	24.13	79.76	78.09	69.85	73.79	93.79	75.97	62.88	64.67	76.84	824.54
RTS B		2.70	-0.54	9.37	12.27	14.14	10.95	10.47	13.54	12.96	14.22	13.39	14.89	12.63	138.27
NTS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I		2.46	90.34	97.22	75.01	121.66	113.66	92.35	60.52	98.66	76.37	10.56	72.90	68.48	977.72
Kakatiya Thermal Power Plant Stage II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	229.04	229.04
Damodaram Sanjeevaiah Thermal power plant - I		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL THERMAL			944.86	1072.37	800.19	1024.19	1002.53	925.48	1009.37	950.20	904.82	902.85	1013.54	1261.14	11811.54
MACHKUND PH TS Share		0.00	0.00												0.00
TUNGBHADRA PH TS Share		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
USL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH		0.00	10.40	2.41	-0.11	0.07	-0.23	-0.25	-0.25	15.37	11.64	2.68	13.36	7.03	62.11
NSRCPH		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POCHAMPAD PH		0.00	-0.01	-0.02	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.13
NIZAMSAGAR PH		0.00	-0.02	-0.02	-0.02	0.04	-0.02	-0.02	-0.02	-0.01	-0.02	-0.01	-0.01	-0.02	-0.13
PABM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR		0.00	-0.02	-0.02	-0.02	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	-0.19
SSLM LCPH		0.00	5.64	-0.07	-0.49	-0.54	-0.55	7.39	12.36	30.15	9.57	-0.36	18.31	22.32	103.71
Nagarjunasagar Tail Pond Dam Power House		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- TS Share		0.00	-0.16	-0.18	-0.16	-0.17	-0.16	10.15	5.10	0.00	0.00	-0.06	-0.06	-0.05	14.25
Lower Jurala Hydro Electric Project		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.88
POCHAMPAD Stig-II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PULICHINTAL(New Project)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Mini Hydel & Others (Peddapalli, Palair)		0.00	0.06	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.01	0.00
Ramagiri Wind Mills (AP)		0.00	7.57	3.41	2.95	6.29	7.57	7.35	7.64	7.39	7.00	5.66	5.29	5.66	73.78
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.21	4.21
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
															0.00
TOTAL HYDRO			23.46	5.50	2.14	5.66	6.58	24.59	24.80	52.86	28.17	7.86	36.86	41.00	259.50
TOTAL TSGENCO			968.32	1077.88	802.32	1029.85	1009.11	950.07	1034.17	1003.06	932.99	910.71	1050.40	1302.15	12071.04
Central Generating Stations															
NTPC															
NTPC (SR)															
NTPC (SR)		2.23	149.18	152.96	93.91	123.86	143.61	113.49	125.22	153.09	157.05	140.16	156.25	166.98	1675.76
NTPC (SR) Stage III		2.24	36.13	35.52	22.54	33.65	26.79	31.57	25.96	39.20	36.61	36.59	40.17	42.42	407.15
Total NTPC(SR)			185.31	188.48	116.45	157.51	170.40	145.06	151.18	192.29	193.66	176.75	196.42	209.40	2082.91
NTPC (ER)															
Farakka		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2		1.29	99.10	103.82	69.88	98.33	78.33	95.66	97.15	95.15	100.21	94.99	96.15	100.22	1128.98
Others		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)			99.10	103.82	69.88	98.33	78.33	95.66	97.15	95.15	100.21	94.99	96.15	100.22	1128.98
Total NTPC			284.41	292.30	186.33	255.84	248.73	240.72	248.33	287.44	293.86	271.75	292.57	309.62	3211.89
NLC TS-II															
Stage-I		2.36	25.51	26.81	21.06	28.21	27.48	21.81	19.94	15.55	11.66	21.60	24.76	14.68	259.07
Stage-II		2.36	45.93	47.83	38.94	36.68	37.88	34.41	39.58	26.48	28.54	36.08	44.17	28.30	444.82
Total NLC			71.44	74.64	60.00	64.89	65.36	56.22	59.52	42.03	40.20	57.68	68.93	42.98	703.89
NPC															
NPC-MAPS		2.09	9.37	9.73	9.63	10.32	9.91	7.75	9.33	6.94	4.84	6.92	9.06	9.18	102.98
NPC-Kaiga unit I		3.03	32.11	36.01	36.48	32.56	31.99	34.12	29.46	28.87	34.65	33.30	32.83	33.73	396.09
NPC-Kaiga unit II		3.03	38.38	41.33	37.79	36.94	20.02	37.56	35.34	36.47	37.63	38.01	35.58	37.91	432.98
Total NPC			79.86	87.07	83.90	79.81	61.92	79.44	74.14	72.27	77.13	78.22	77.48	80.81	932.05
NTPC - Simhadri															
NTPC Simhadri Stage I		2.41	211.70	185.78	186.23	197.01	199.26	212.44	252.27	192.61	122.40	211.82	226.01	260.09	2457.61
NTPC Simhadri Stage II		2.39	80.26	68.05	57.53	68.85	48.02	41.84	116.94	122.49	99.95	60.64	98.53	95.13	958.22
Total NTPC- Simhadri			291.95	253.83	243.76	265.86	247.28	254.28	369.21	315.09	222.35	272.46	324.54	355.22	3415.83
CGS - New															
Vallur Thermal Power Plant		1.98	32.76	36.03	26.92	29.60	30.11	26.93	37.58	28.90	25.73	32.23	40.13	23.35	370.27
NTPC Aravalli Power		3.55	81.22	77.26	51.88	80.72	80.30	80.71	131.25	149.47	141.44	133.95	110.48	92.17	1210.84
NLC Tamilnadu Power Ltd.		0.00	0.00	0.00	8.00	10.24	16.22	22.41	30.28	40.43	40.59	42.11	52.85	27.14	290.24
NVVNL B.P.Coal		0.00	20.44	20.79	17.11	19.85	20.16	17.45	20.01	19.28	20.80	20.03	19.96	22.14	238.01
															0.00
TOTAL CGS			862.09	841.90	677.90	806.82	770.06	778.15	970.31	954.92	862.09	908.43	986.93	953.44	10373.03
APGPCL															
APGPCL I - Allocated capacity		3.18	1.23	0.87	1.22	1.04	0.90	0.87	0.79	0.58	0.57	0.59	0.64	0.74	10.05
APGPCL I - Unutilised capacity		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity		2.86	4.28	3.02	4.30	3.69	3.15	2.89	2.65	1.96	1.97	2.23	2.35	2.98	35.48
APGPCL II - Unutilised capacity		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Apgpcl			5.52	3.88	5.51	4.73	4.05	3.76	3.45	2.54	2.55	2.82	2.99	3.72	45.52
IPPS															

GVK		2.84	22.23	26.03	0.00	0.00	0.00	0.00	18.32	0.00	0.00	0.00	0.00	-2.02	64.55
Spectrum		2.78	16.28	20.90	23.80	20.92	12.78	9.96	7.76	11.42	20.05	15.53	12.35	5.56	177.29
Kondapalli (Naphtha)		3.13	9.98	3.99	1.96	1.19	4.37	5.38	9.81	14.32	15.87	5.06	0.00	0.38	72.31
Kondapalli (Gas)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension		4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.27	22.22	0.69	0.00	0.00	45.18
Vemagiri		3.98	18.65	40.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.62
Gautami		3.38	39.61	38.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.15
Konaseema		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL IPPS			106.74	130.44	25.76	22.10	17.15	15.34	35.88	48.00	58.13	21.28	12.35	3.92	497.10
NCE															
NCE - Bio-Mass		0.00	3.32	2.70	2.47	2.85	2.94	2.96	0.92	3.20	3.36	5.02	4.87	6.00	40.61
NCE - Bagasse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.59	7.91	7.46	4.19	25.15
NCE - Municipal Waste to Energy		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project		0.00	3.84	3.13	4.26	4.48	4.42	3.75	1.73	1.89	1.33	2.97	4.10	2.28	38.18
NCE - Wind Power		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel		0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
NCE - NCL Energy Ltd		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others		2.29	7.44	8.87	7.66	7.56	14.49	11.29	14.14	14.27	15.13	16.35	17.86	37.53	172.60
TOTAL NCE			14.72	14.70	14.38	14.89	21.85	18.00	16.79	19.36	25.40	32.25	34.29	50.00	276.65
OTHERS															
Srivathsa		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSK Mahanadi (MT)		3.74	146.30	156.32	138.31	149.72	128.01	123.30	148.74	127.48	132.14	91.23	103.92	137.66	1583.15
Hinduja		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thermal Power Unit 1		1.78	46.85	74.16	123.39	124.50	103.74	133.58	141.39	123.00	139.70	136.55	131.91	139.76	1418.52
Thermal Power Unit 2		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
															0.00
															0.00
															0.00
TOTAL OTHERS			193.16	230.48	261.70	274.21	231.75	256.88	290.14	250.48	271.84	227.78	235.83	277.42	3001.67
MARKET															
PTC			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI			32.95	23.96	26.92	33.92	24.22	6.46	21.62	22.88	22.11	25.76	27.87	19.54	288.22
Other Short Term Sources		5.60	538.34	528.63	611.25	842.66	1073.86	994.44	891.67	499.72	629.28	591.96	400.44	586.53	8188.77
NTPC Aravali Power Co. Pvt. Ltd.															0.00
D-D Sales/Bilateral Purchases															0.00
															0.00
															0.00
															0.00
															0.00

															0.00
TOTAL MARKET			571.29	552.59	638.16	876.58	1098.08	1000.90	913.29	522.60	651.38	617.72	428.31	606.08	8476.99
TOTAL (From All Sources)			2721.83	2851.88	2425.74	3029.19	3152.06	3023.11	3264.02	2800.97	2804.39	2721.00	2751.11	3196.71	34742.02

2016-17

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total
			April	May	June	July	August	September	October	November	December	January	February	March	
TSGENCO															
Thermal															
VTPS I		3.09	259.85	286.31	211.38	235.27	269.01	247.83	286.03	251.64	278.17	270.07	200.34	250.12	3046.01
VTPS II		0.00													0.00
VTPS III		0.00													0.00
VTPS IV		2.78	116.29	119.44	129.85	132.28	127.68	126.83	128.46	113.43	78.22	130.32	122.63	124.31	1449.76
RTPP I		3.58	88.33	99.33	68.97	105.61	102.85	77.55	91.41	93.62	103.65	76.16	84.98	107.58	1100.03
RTPP Stage-II		3.57	87.48	96.73	101.82	81.89	104.70	72.68	94.59	95.81	105.75	83.82	69.74	108.05	1103.06
RTPP Stage-III		3.58	44.16	39.58	50.91	52.11	25.39	52.06	50.62	47.90	52.88	53.91	43.96	54.03	567.50
KTPS A		2.71	112.76	112.28	92.12	108.71	112.86	84.03	78.96	77.31	69.23	92.75	105.70	145.15	1191.86
KTPS B		0.00													0.00
KTPS C		0.00													0.00
KTPS D		2.22	112.57	106.88	65.03	67.37	41.24	53.37	89.70	88.42	45.78	81.08	91.12	127.27	969.82
KTPS Stage VI		2.67	73.43	66.67	66.63	72.74	85.63	62.93	90.98	71.58	80.74	84.02	78.10	126.87	960.33
RTS B		3.05	13.19	14.84	14.32	13.10	10.92	14.02	14.46	3.34	14.22	13.94	11.78	15.42	153.55
NTS		0.00													0.00
Kakatiya Thermal Power Plant Stage I		2.56	58.97	67.44	50.04	63.49	59.79	77.52	84.63	75.00	85.66	94.03	92.53	116.72	925.82
Kakatiya Thermal Power Plant Stage II		2.49	211.70	132.25	214.19	167.64	117.17	-0.76	211.18	240.56	237.64	245.20	224.78	232.68	2234.24
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL THERMAL			1178.73	1141.74	1065.26	1100.21	1057.24	868.06	1221.01	1158.60	1151.94	1225.29	1125.66	1408.22	13701.96
MACHKUND PH TS Share		0.00	5.48	5.66	5.48	5.66	5.66	5.48	5.66	5.48	5.66	5.66	5.11	5.66	66.62
TUNGBHADRA PH TS Share		0.00					0.71	0.82	0.85	0.71					3.10
USL		0.00													0.00
LSR		0.00													0.00
DONKARAYI		0.00													0.00
SSLM		0.00													0.00
NSPH		0.00	-0.26	4.61	6.29	-0.27	70.74	-0.20	-0.23	-0.13	8.33	23.24	5.33	9.25	126.70
NSRCPH		0.00													0.00
NSLCPH		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POCHAMPAD PH		0.00	-0.01	-0.01	-0.01	-0.01	2.92	5.31	9.52	2.91	1.62	6.68	5.08	4.50	38.49
NIZAMSAGAR PH		0.00	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	0.33	-0.02	1.50	2.04	1.65	2.53	7.94
PABM		0.00													0.00
MINI HYDRO&OTHERS		0.00													0.00
SINGUR		0.00	-0.01	-0.01	-0.01	-0.02	-0.01	0.45	3.63	-0.02	-0.02	0.51	0.54	1.10	6.12
SSLM LCPH		0.00	-0.47	-0.38	-0.38	6.03	86.96	99.83	75.77	4.82	26.67	46.27	54.99	30.28	430.38
Nagarjunasagar Tail Pond Dam Power House		0.00													0.00
Priyadarshini Jurala Hydro Electric Project- TS Share		0.00	-0.06	-0.07	-0.08	6.34	38.14	0.03	19.76	-0.17	-0.16	-0.18	-0.14	-0.18	63.23
Lower Jurala Hydro Electric Project		0.00	-0.17	-0.18	-0.12	7.45	32.85	35.07	30.48	0.07	0.16	-0.03	0.17	-0.13	105.63

POCHAMPAD PH Stage 2		0.00	0.00	0.00	0.00	0.00	1.75	0.68	0.00	0.00	0.83	3.19	2.44	1.84	10.74
Pulichintala New project		0.00	0.00	0.00	0.00	0.00	0.00	0.16	5.03	4.02	0.00	0.00	0.00	0.00	9.21
Mini hydel & others		0.00	-0.01	0.00	0.00	0.00	-0.01	0.08	0.64	0.06	0.10	0.68	0.79	0.53	2.84
Ramagiri wind mills															0.00
Pochampad St. iIV (New)			0.00	0.00	0.00	0.00	0.00	0.00	2.12	0.77	0.00	0.00	0.00	0.00	2.89
															0.00
															0.00
															0.00
															0.00
TOTAL HYDRO			4.48	9.60	11.14	25.16	239.70	147.70	153.56	18.50	44.68	88.06	75.95	55.39	873.91
TOTAL TSGENCO			1183.20	1151.34	1076.40	1125.37	1296.94	1015.76	1374.57	1177.10	1196.62	1313.35	1201.60	1463.62	14575.88
Central Generating Stations															
NTPC															
NTPC (SR)															
NTPC (SR)		2.18	157.40	149.71	122.82	124.72	124.65	133.81	148.24	130.88	133.61	143.84	145.44	157.57	1672.69
NTPC (SR) Stage III		2.19	39.92	35.43	36.49	38.17	35.70	35.40	22.49	7.55	40.55	41.12	38.50	42.35	413.67
Total NTPC(SR)			197.33	185.13	159.31	162.89	160.35	169.21	170.73	138.43	174.17	184.96	183.94	199.92	2086.37
NTPC (ER)															
Farakka															0.00
Kahalgaoon															0.00
Talcher - Stage 1															0.00
Talcher Stage 2		1.72	96.49	94.65	89.34	101.21	84.33	68.47	78.10	81.55	100.63	101.01	88.08	96.87	1080.71
Others															0.00
Total NTPC(ER)			96.49	94.65	89.34	101.21	84.33	68.47	78.10	81.55	100.63	101.01	88.08	96.87	1080.71
Total NTPC			293.82	279.79	248.65	264.10	244.68	237.69	248.82	219.97	274.80	285.97	272.02	296.79	3167.08
NLC TS-II															
Stage-I		6.28	13.77	18.14	18.35	15.68	24.50	21.45	14.03	15.34	16.79	22.64	21.68	22.77	225.15
Stage-II		2.67	29.68	32.81	25.35	28.05	37.42	38.60	32.57	25.02	31.63	36.83	39.13	41.94	399.03
Total NLC			43.45	50.95	43.71	43.73	61.92	60.05	46.60	40.37	48.42	59.47	60.81	64.71	624.18
NPC															
NPC-MAPS		2.24	6.46	8.56	8.25	8.87	8.95	5.39	8.84	9.47	7.42	9.64	9.15	7.66	98.65
NPC-Kaiga unit I		3.40	22.70	24.63	26.37	34.38	34.20	32.65	33.86	30.77	35.33	34.18	17.34	24.53	350.93
NPC-Kaiga unit II		3.12	36.50	15.72	17.48	18.37	18.30	17.60	33.20	34.88	31.72	36.38	32.74	34.82	327.71
Total NPC			65.66	48.92	52.10	61.62	61.46	55.64	75.90	75.12	74.46	80.20	59.22	67.01	777.30
NTPC - Simhadri															
NTPC Simhadri Stage I		2.77	253.65	231.07	210.62	233.64	231.20	209.16	220.04	156.46	179.15	225.13	216.66	236.40	2603.17
NTPC Simhadri Stage II		2.77	94.03	87.72	85.01	84.79	90.04	80.60	62.16	35.53	50.92	63.84	80.87	47.97	863.48
Total NTPC- Simhadri			347.68	318.79	295.63	318.43	321.24	289.76	282.20	191.99	230.07	288.97	297.52	284.37	3466.65
CGS - New															
Vallur Thermal Power Plant		2.50	35.28	33.68	27.02	30.44	44.42	42.17	32.13	26.56	39.40	47.35	28.41	34.99	421.84
NTPC Aravalli Power		5.76	24.54	28.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.70
NLC Tamilnadu Power Ltd.		2.59	36.07	46.08	29.45	49.68	50.18	57.59	45.40	39.80	43.84	52.38	51.79	27.80	530.05
NVVNL B.P.Coal		0.00	21.21	20.13	16.94	17.75	17.74	17.25	19.23	17.71	19.85	19.47	18.74	20.91	226.94
															0.00
TOTAL CGS			867.71	826.50	713.50	785.76	801.64	760.13	750.28	611.51	730.84	833.80	788.52	796.57	9266.75
APGPCL															
APGPCL I - Allocated capacity		2.61	0.71	0.59	1.10	0.65	0.38	0.35	0.50	0.79	0.99	1.23	1.17	0.92	9.40
APGPCL I - Unutilised capacity		0.00													0.00

APGPCL II - Allocated capacity		2.35	2.82	2.29	4.33	2.51	1.40	1.16	1.66	2.60	3.16	4.36	3.81	3.14	33.27
APGPCL II - Unutilised capacity															0.00
Total APGPCL			3.53	2.88	5.44	3.17	1.79	1.51	2.16	3.39	4.16	5.60	4.99	4.06	42.67
IPPS															
GVK															0.00
Spectrum															0.00
Kondapalli (Naphtha)															0.00
Kondapalli (Gas)															0.00
BSES															0.00
GVK Extension		0.00													0.00
Vemagiri															0.00
Gautami															0.00
Konaseema															0.00
															0.00
															0.00
															0.00
TOTAL IPPS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE															
NCE - Bio-Mass		0.00	3.14	4.05	6.01	5.64	0.85	3.35	2.99	3.41	2.56	7.32	6.14	3.17	48.62
NCE - Bagasse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	3.78	3.88	0.55	0.00	8.28
NCE - Municipal Waste to Energy		0.00													0.00
NCE - Industrial Waste based power project		0.00	0.00	0.00	0.00	1.84	0.68	0.00	0.00	0.00	0.00	1.06	4.39	4.20	12.17
NCE - Wind Power		0.00	3.04	9.29	19.27	33.95	34.00	18.18	10.55	15.68	16.96	18.47	15.28	12.59	207.24
NCE - Mini Hydel		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.33	0.09	0.38	0.32	0.31	1.68
NCE - NCL Energy Ltd		0.00													0.00
NCE-Others		0.41	23.96	45.21	42.21	44.30	64.57	55.74	74.66	84.45	86.41	99.39	202.28	137.09	960.28
TOTAL NCE			30.14	58.55	67.49	85.73	100.09	77.27	88.45	103.94	109.81	130.50	228.96	157.37	1238.28
OTHERS															
Srivathsa															0.00
LVS															0.00
Vishakapatnam Steel Plant															0.00
NB Ferro Alloys															0.00
Singareni-I		1.93	0.78	0.00	39.16	46.81	61.64	152.52	158.07	277.10	194.91	239.92	250.30	256.27	1677.48
Singareni II		3.01	0.00	0.00	0.00	0.00	0.00	0.00	21.99	88.86	187.96	238.15	251.65	265.71	1054.32
Thermal Power Unit 1		1.84	73.43	94.55	115.93	122.68	131.37	95.23	117.97	125.68	105.28	98.55	127.49	140.85	1349.00
Thermal Power Unit 2		1.86	147.44	202.90	253.85	265.57	295.62	224.56	266.07	280.21	235.58	199.02	269.69	309.66	2950.15
															0.00
															0.00
															0.00
															0.00
TOTAL OTHERS			221.64	297.45	408.94	435.05	488.63	472.31	564.10	771.85	723.72	775.65	899.12	972.49	7030.96
MARKET															
PTC															0.00
RCL and Short-Term Sources(IG Wells,Kesoram)															0.00
CPDCL															0.00
EPDCL															0.00
NPDCL															0.00
SPDCL															0.00

UI		0.00	16.21	21.61	17.89	35.77	23.53	31.20	24.49	32.95	40.51	37.76	0.00	0.00	281.92
Other Short Term Sources		4.68	792.96	333.32	214.47	333.32	682.64	462.93	240.78	219.58	244.99	211.84	187.72	440.46	4365.00
		0.00													0.00
		0.00													0.00
		0.00													0.00
															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL MARKET			809.16	354.92	232.36	369.09	706.17	494.13	265.27	252.53	285.50	249.61	187.72	440.46	4646.92
TOTAL (From All Sources)			3115.39	2691.63	2504.12	2804.18	3395.25	2821.11	3044.83	2920.32	3050.65	3308.50	3310.92	3834.55	36801.46

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Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total
			April	May	June	July	August	September	October	November	December	January	February	March	
TSGENCO															
Thermal															
VTPS I		0.00	86.91	76.99	22.89	-	-	-	-	-	-	-	-	-	186.79
VTPS II		0.00	86.91	76.99	22.89	-	-	-	-	-	-	-	-	-	186.79
VTPS III		0.00	86.91	76.99	22.89	-	-	-	-	-	-	-	-	-	186.79
VTPS IV		0.00	125.08	108.73	35.84	-	-	-	-	-	-	-	-	-	269.65
RTPP I		0.00	103.76	80.65	20.15	-	-	-	-	-	-	-	-	-	204.57
RTPP Stage-II		0.00	103.86	82.13	26.00	-	-	-	-	-	-	-	-	-	211.99
RTPP Stage-III		0.00	46.42	41.00	5.51	-	-	-	-	-	-	-	-	-	92.94
KTPS A		0.00	41.08	37.47	52.70	65.15	58.88	64.51	54.23	57.02	56.29	56.29	60.62	67.12	671.37
KTPS B		0.00	41.08	37.47	52.70	65.15	58.88	64.51	48.30	87.91	90.84	68.86	82.04	90.84	788.57
KTPS C		0.00	41.08	37.47	52.70	65.15	58.88	64.51	66.11	66.62	69.58	91.79	82.90	91.79	788.57
KTPS D		0.00	101.23	88.34	111.06	89.73	162.67	177.62	157.47	164.25	169.73	169.73	153.30	169.73	1714.84
KTPS Stage VI		0.00	117.34	89.25	129.50	65.66	189.65	175.52	135.25	171.89	177.62	115.40	160.43	177.62	1705.10
RTS B		0.00	14.29	14.62	22.37	26.39	24.50	25.46	23.87	22.03	11.02	22.77	20.57	22.77	250.66
NTS		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
Kakatiya Thermal Power Plant Stage I		0.00	81.91	82.07	143.09	197.81	156.10	179.71	182.65	62.42	193.52	193.52	174.79	193.52	1841.10
Kakatiya Thermal Power Plant Stage II		0.00	219.02	248.64	187.75	195.99	241.14	232.32	203.44	188.02	133.18	242.86	219.35	242.86	2554.56
BTPS (Manuguru New Project)			-	-	-	-	-	-	-	-	-	-	-	-	0.00
KTPS VII			-	-	-	-	-	-	-	-	-	-	-	-	0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL THERMAL			1296.86	1178.80	908.04	771.03	950.70	984.16	871.32	820.15	901.76	961.21	954.01	1056.22	11654.27
MACHKUND PH AP Share		0.00	5.34	5.66	1.83	-	-	-	5.66	5.48	5.66	5.66	5.11	5.66	46.04
TUNGBHADRA PH AP Share		0.00	-	-	-	-	-	-	0.85	0.71	-	-	-	-	1.56
USL		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
LSR		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
DONKARAYI		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
SSLM		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
NSPH		0.00	10.82	10.09	(0.33)	(0.26)	(0.27)	(0.27)	-	14.04	14.04	14.04	14.04	14.04	89.99
NSRCPH		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
NSLCPH		0.00	-	-	-	-	-	-	-	4.79	4.79	4.79	4.79	4.79	23.97

POCHAMPAD PH		0.00	3.86	0.00	(0.01)	(0.01)	0.12	1.58	-	3.08	3.08	3.08	3.08	3.08	20.93
NIZAMSAGAR PH		0.00	1.81	(0.02)	-	-	(0.03)	0.14	0.35	0.57	7.77	0.04	2.46	1.89	14.98
PABM		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
MINI HYDRO&OTHERS		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
SINGUR		0.00	0.81	(0.03)	-	-	(0.02)	0.34	1.92	1.40	1.29	1.40	1.40	1.33	9.83
SSLM LCPH		0.00	1.15	(0.55)	(0.43)	(0.46)	(0.43)	143.42	261.78	30.31	30.31	30.31	30.31	30.31	556.04
Nagarjunasagar Tail Pond Dam Power House		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share		0.00	(0.19)	(0.16)	(0.07)	(0.16)	(0.18)	36.50	40.17	0.32	0.32	0.32	0.32	0.32	77.53
Lower Jurala Hydro Electric Project		0.00	(0.17)	(0.24)	(0.15)	(0.03)	(0.16)	64.06	73.71	0.77	0.77	0.77	0.77	0.77	140.86
POCHAMPAD Stig-II		0.00	-	-	(0.05)	1.01	-	0.04	-	1.03	1.03	1.03	1.03	1.03	6.13
PULICHINTAL(New Project)		0.00	-	-	-	-	-	-	2.88	0.34	0.34	0.34	0.34	0.34	4.60
Mini Hydel & Others (Peddapalli, Palair)		0.00	0.32	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	-	0.05	0.06	0.53	0.57	0.55	2.01
Ramagiri Wind Mills (AP)			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Pochampad Stage-IV			-	-	-	-	-	-	-	-	-	-	-	-	0.00
															0.00
															0.00
															0.00
															0.00
TOTAL HYDRO			23.75	14.74	0.77	0.08	-0.99	245.80	387.33	62.89	69.46	62.31	64.22	64.10	994.47
TOTAL TSGENCO			1320.61	1193.54	908.81	771.12	949.71	1229.96	1258.65	883.05	971.23	1023.52	1018.23	1120.33	12648.74
Central Generating Stations															
NTPC															
NTPC (SR)															
NTPC (SR)		2.44	131.50	137.68	76.63	139.32	111.09	117.36	120.06	142.53	147.30	147.30	133.00	147.30	1551.05
NTPC (SR) Stage III		2.38	39.95	40.18	21.54	35.57	27.89	30.77	36.20	34.94	36.20	36.20	32.68	36.20	408.31
Total NTPC(SR)			171.45	177.86	98.17	174.90	138.98	148.12	156.26	177.47	183.49	183.49	165.67	183.49	1959.35
NTPC (ER)															
Farakka			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Kahalgaon			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Talcher - Stage 1			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Talcher Stage 2		1.49	91.13	84.22	80.17	85.10	70.69	82.18	72.00	90.54	93.57	93.57	84.54	93.57	1021.29
Others			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Total NTPC(ER)			91.13	84.22	80.17	85.10	70.69	82.18	72.00	90.54	93.57	93.57	84.54	93.57	1021.29
Total NTPC			262.59	262.08	178.34	260.00	209.67	230.30	228.26	268.01	277.06	277.06	250.21	277.06	2980.64
NLC TS-II															
Stage-I		3.08	18.34	4.18	7.52	9.96	7.54	12.47	-	-	-	-	-	25.02	85.02
Stage-II		2.95	34.56	7.81	11.25	21.64	11.02	28.47	-	-	22.55	-	-	44.55	181.84
Total NLC			52.90	11.98	18.77	31.59	18.56	40.94	0.00	0.00	22.55	0.00	0.00	69.56	266.86
NPC															
NPC-MAPS		4.28	3.76	4.64	6.71	9.18	10.03	9.81	8.64	8.40	8.64	8.64	7.77	8.64	94.85
NPC-Kaiga unit I		3.29	28.13	33.00	31.71	33.94	34.07	32.73	28.93	28.28	28.93	28.93	26.12	28.93	363.72
NPC-Kaiga unit II		3.29	34.59	35.50	34.53	36.48	36.72	35.29	32.46	28.46	19.85	32.46	29.46	32.46	388.24
Total NPC			66.48	73.14	72.95	79.60	80.83	77.83	70.02	65.14	57.42	70.02	63.35	70.02	846.80
NTPC - Simhadri															
NTPC Simhadri Stage I		3.05	200.83	150.72	114.21	97.05	127.55	15.07	97.02	209.60	228.29	0.00	206.85	229.04	1676.22
NTPC Simhadri Stage II		2.81	24.22	33.56	32.80	53.52	28.69	30.82	0.00	0.00	95.16	0.00	31.77	95.81	426.35
Total NTPC- Simhadri			225.05	184.29	147.00	150.57	156.24	45.89	97.02	209.60	323.45	0.00	238.62	324.85	2102.57
CGS - New															
Vallur Thermal Power Plant		2.63	20.96	-	-	10.74	16.32	18.64	33.97	35.32	51.55	52.69	47.66	52.69	340.53
Tuticorin		3.08	17.27	30.63	16.80	57.29	40.38	11.08	-	-	-	-	-	18.56	192.01
NPC- Kudankulam		4.10	15.30	10.37	21.57	24.55	2.21	-	-	5.22	28.77	28.77	17.40	-	154.17
NCE -Bundled power NVVNL (Coal)		4.36	18.20	18.48	16.68	18.53	17.10	16.34	19.78	19.78	19.78	120.96	111.17	120.96	517.74
Kudigi			-	-	-	-	-	14.68	-	-	-	-	-	-	14.68

TOTAL CGS			678.73	590.97	472.11	632.86	541.31	455.70	449.04	603.06	780.58	549.51	728.41	933.71	7416.01
APGPCL															
APGPCL I - Allocated capacity		2.40	1.38	1.89	1.61	2.14	2.01	1.98	0.73	0.91	0.81	0.81	0.83	0.98	16.08
APGPCL I - Unutilised capacity		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
APGPCL II - Allocated capacity		2.37	4.67	6.70	5.99	7.20	6.70	6.82	2.26	2.89	2.60	2.56	2.66	3.13	54.19
APGPCL II - Unutilised capacity			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Total APGPCL			6.05	8.59	7.60	9.34	8.71	8.80	2.99	3.79	3.41	3.37	3.50	4.12	70.26
IPPS															
GVK			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Spectrum			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Kondapalli (Naphtha)			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Kondapalli (Gas)			-	-	-	-	-	-	-	-	-	-	-	-	0.00
BSES			-	-	-	-	-	-	-	-	-	-	-	-	0.00
GVK Extension			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Vemagiri			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Gautami			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Konaseema			-	-	-	-	-	-	-	-	-	-	-	-	0.00
															0.00
															0.00
															0.00
															0.00
TOTAL IPPS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE															
NCE - Bio-Mass		5.67	2.74	3.88	2.78	3.04	2.01	3.19	3.29	3.46	4.03	5.70	5.31	3.80	43.22
NCE - Bagasse		4.21	-	-	-	-	-	-	-	0.02	2.55	3.35	1.54	0.83	8.28
NCE - Municipal Waste to Energy		0.00	-	-	-	-	-	-	-	-	-	-	-	-	0.00
NCE - Industrial Waste based power project		6.11	1.30	1.30	3.86	3.56	2.83	2.72	0.25	0.18	0.94	1.92	3.18	3.17	25.22
NCE - Wind Power		4.69	13.79	13.48	17.03	16.48	17.03	17.03	10.55	15.68	16.96	18.47	15.28	12.59	184.35
NCE - Mini Hydel		0.00	0.05	0.03	-	-	-	-	0.84	0.23	0.04	0.18	0.25	0.14	1.77
NCE - NCL Energy Ltd		0.00													0.00
NCE-Others		6.07	135.95	133.07	215.57	117.60	172.90	137.37	219.74	212.43	242.84	312.69	281.92	314.17	2496.25
TOTAL NCE			153.83	151.76	239.23	140.67	194.78	160.30	234.66	232.01	267.35	342.32	307.48	334.69	2759.09
OTHERS															
Srivathsa			-	-	-	-	-	-	-	-	-	-	-	-	0.00
LVS			-	-	-	-	-	-	-	-	-	-	-	-	0.00
Vishakapatnam Steel Plant			-	-	-	-	-	-	-	-	-	-	-	-	0.00
NB Ferro Alloys			-	-	-	-	-	-	-	-	-	-	-	-	0.00
			-	-	-	-	-	-	-	-	-	-	-	-	0.00
			-	-	-	-	-	-	-	-	-	-	-	-	0.00
			-	-	-	-	-	-	-	-	-	-	-	-	0.00
		0.00													0.00
Singareni		2.16	487.48	474.03	455.76	508.26	580.09	535.41	553.05	539.43	413.57	557.42	503.47	413.57	6021.53
Thermal Power Tech		1.79	136.85	140.14	136.41	140.59	139.46	127.63	123.55	119.57	98.84	123.55	111.59	123.55	1521.73
CSPGCL		1.20	-	265.83	331.41	335.52	306.68	229.32	243.50	260.87	377.81	377.79	309.35	377.79	3415.87
Thermal Power Tech Unit II		2.24	286.80	263.30	225.20	292.89	270.53	256.13	261.36	252.93	209.09	261.36	236.07	261.36	3077.03
		0.00													0.00
TOTAL OTHERS			911.13	1143.30	1148.78	1277.26	1296.76	1148.48	1181.47	1172.80	1099.31	1320.12	1160.48	1176.27	14036.16
MARKET															
PTC															0.00
RCL and Short-Term Sources(IG Wells,Kesoram)															0.00
CPDCL															0.00
EPDCL															0.00
NPDCL															0.00

SPDCL															0.00
UI															0.00
Other Short Term Sources		0.00	419.02	33.00	15.31	451.83	643.20	550.37	-	-	-	-	-	-	2112.74
D-D Purchase/Sales			(29.54)	206.28	123.60	(79.25)	(32.31)	(69.00)	(183.16)	95.88	95.05	(193.90)	(161.38)	(151.48)	-379.22
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL MARKET			389.48	239.27	138.91	372.58	610.89	481.37	-183.16	95.88	95.05	-193.90	-161.38	-151.48	1733.52
TOTAL (From All Sources)			3459.83	3327.44	2915.45	3203.83	3602.15	3484.62	2943.64	2990.59	3216.93	3044.94	3056.71	3417.63	38663.77

2018-19

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total
			April	May	June	July	August	September	October	November	December	January	February	March	
TSGENCO															
Thermal															
VTPS I		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RTPP I		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RTPP Stage-II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RTPP Stage-III		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS A		2.38	55.33	57.34	55.33	72.52	72.52	70.18	60.82	45.29	47.30	57.34	51.32	57.88	703.17
KTPS B		2.38	74.01	76.69	74.01	96.69	96.69	93.57	73.30	74.01	56.60	76.69	68.66	76.63	937.56
KTPS C		2.38	73.31	75.99	73.31	96.69	96.69	93.57	96.69	53.22	55.90	75.99	67.95	78.26	937.56
KTPS D		2.21	145.18	150.72	145.18	145.61	214.94	208.01	214.94	145.18	150.72	150.72	134.09	163.10	1968.39
KTPS Stage VI		2.70	139.76	145.24	107.43	218.49	218.49	211.44	218.49	139.76	145.24	145.24	128.80	150.14	1968.50
RTS B		2.60	19.68	20.38	19.68	25.38	25.38	24.56	13.10	19.68	20.38	20.38	18.27	19.19	246.05
NTS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I		2.55	139.76	145.24	139.76	218.49	218.49	211.44	218.49	139.76	145.24	145.24	128.80	150.14	2000.83
Kakatiya Thermal Power Plant Stage II		2.36	172.51	179.25	172.51	268.56	268.56	259.90	268.56	172.51	179.25	179.25	159.04	179.50	2459.40
BTPS (Manuguru New Project)		2.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.38	69.89	77.38	224.65
KTPS VII		2.36	0.00	0.00	0.00	0.00	0.00	0.00	271.89	263.12	271.89	271.89	245.58	271.89	1596.28
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL THERMAL			819.54	850.86	787.21	1142.42	1211.75	1172.66	1436.28	1052.53	1072.52	1200.13	1072.38	1224.11	13042.39
MACHKUND PH AP Share		0.00	5.48	5.66	5.48	5.66	5.66	5.48	5.66	5.48	5.66	5.66	5.11	5.66	66.62
TUNGBHADRA PH AP Share		0.00	0.00	0.00	0.00	0.00	0.71	0.82	0.85	0.71	0.00	0.00	0.00	0.00	3.10
USL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH		0.00	37.46	14.84	19.89	81.91	161.01	192.38	151.66	76.31	45.24	47.59	42.29	54.61	925.18
NSRCPH		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH		0.00	0.27	0.00	0.00	0.31	4.26	8.80	10.21	8.52	5.67	3.19	1.10	0.41	42.74
POCHAMPAD PH		0.00	0.88	0.00	0.00	0.63	3.84	5.35	5.98	4.53	3.89	4.09	3.33	2.80	35.32

NIZAMSAGAR PH		0.00	0.42	0.00	0.00	0.00	1.12	3.91	2.10	0.00	1.61	1.96	2.10	3.35	16.55
PABM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR		0.00	0.70	0.70	0.70	0.70	0.70	2.93	2.93	2.44	2.44	1.40	1.40	1.40	18.44
SSLM LCPH		0.00	29.71	10.51	7.44	41.73	191.58	226.49	142.02	55.17	45.90	46.64	56.04	63.76	916.98
Nagarjunasagar Tail Pond Dam Power House		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share		0.00	0.00	0.00	0.11	4.77	19.97	23.69	13.83	1.67	0.84	0.44	0.24	0.05	65.62
Lower Jurala Hydro Electric Project		0.00	0.00	0.00	0.00	5.32	12.10	33.93	38.24	0.39	0.42	0.30	0.35	0.39	91.43
POCHAMPAD Stage-II		0.00	0.29	0.00	0.00	0.21	1.28	1.74	1.99	1.51	1.30	1.36	1.11	0.94	11.74
PULICHINTAL(New Project)		0.00	0.00	0.00	0.00	0.00	0.00	0.08	3.90	2.18	0.17	0.17	0.17	0.17	6.85
Mini Hydel & Others (Peddapalli, Palair)		0.00	0.01	0.01	0.00	1.40	1.42	1.68	1.92	1.85	1.06	1.54	1.57	1.92	14.39
Ramagiri Wind Mills (AP)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pochampad Stage-IV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
															0.00
															0.00
															0.00
															0.00
TOTAL HYDRO			75.22	31.73	33.61	142.63	403.65	507.28	381.30	160.76	114.19	114.33	114.80	135.45	2214.96
TOTAL TSGENCO			894.76	882.58	820.82	1285.05	1615.41	1679.95	1817.58	1213.29	1186.71	1314.46	1187.18	1359.56	15257.36
Central Generating Stations															
NTPC															
NTPC (SR)															
NTPC (SR)		2.37	135.38	142.29	135.38	146.59	146.68	128.78	126.64	143.09	132.60	155.25	140.23	142.05	1674.95
NTPC (SR) Stage III		2.32	41.66	43.05	37.96	21.51	13.73	37.96	39.22	37.96	39.22	39.22	35.43	39.22	426.15
Total NTPC(SR)			177.04	185.34	173.34	168.10	160.42	166.74	165.86	181.05	171.82	194.48	175.66	181.27	2101.10
NTPC (ER)															
Farakka		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2		1.36	91.96	91.13	68.09	74.12	77.11	91.61	95.64	92.59	95.64	95.64	86.41	95.64	1055.57
Others		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)			91.96	91.13	68.09	74.12	77.11	91.61	95.64	92.59	95.64	95.64	86.41	95.64	1055.57
Total NTPC			269.00	276.47	241.42	242.22	237.52	258.35	261.50	273.63	267.46	290.12	262.07	276.91	3156.68
NLC TS-II															
Stage-I		2.74	24.84	0.00	0.00	17.45	25.16	17.94	22.00	15.83	0.00	25.32	22.97	25.24	196.75
Stage-II		2.74	45.12	0.00	0.00	43.33	34.39	38.81	32.29	16.65	0.00	20.24	41.55	46.07	318.45
Total NLC			69.96	0.00	0.00	60.78	59.56	56.75	54.29	32.48	0.00	45.56	64.52	71.31	515.21
NPC															
NPC-MAPS		2.18	8.83	4.29	6.46	9.12	9.12	8.83	9.12	8.83	9.12	9.12	8.17	9.12	100.15
NPC-Kaiga unit I		3.14	29.87	30.60	29.87	15.42	23.07	29.87	30.60	29.87	30.60	30.60	27.93	30.60	338.93
NPC-Kaiga unit II		3.14	30.66	31.43	30.66	31.43	31.43	30.66	31.43	30.66	15.72	23.57	28.85	31.43	347.92
Total NPC			69.36	66.32	66.99	55.98	63.63	69.36	71.16	69.36	55.44	63.30	64.95	71.16	787.01
NTPC - Simhadri															
NTPC Simhadri Stage I		2.73	235.87	171.68	0.00	124.94	243.88	235.87	243.88	235.87	187.35	243.88	220.66	243.88	2387.78
NTPC Simhadri Stage II		2.74	95.06	0.00	0.00	98.29	86.41	66.71	98.29	95.06	0.00	98.97	89.29	100.16	828.24
Total NTPC- Simhadri			330.94	171.68	0.00	223.23	330.29	302.59	342.17	330.94	187.35	342.85	309.95	344.04	3216.02
CGS - New															
Vallur Thermal Power Plant		2.59	48.57	50.19	34.66	46.29	50.19	46.93	39.90	34.03	49.66	50.75	45.84	50.75	547.77
Tuticorin		2.95	18.38	0.00	0.00	0.27	65.26	65.26	67.44	0.00	0.00	0.00	60.91	67.44	344.97
NPC- Kudankulam		4.10	0.00	20.59	19.94	20.59	20.59	19.94	20.59	19.94	20.59	20.59	18.41	0.00	201.81
NCE -Bundled power NVVNL (Coal)		4.62	117.70	120.96	117.70	120.96	120.96	117.70	120.96	117.70	120.96	120.96	111.17	120.96	1428.66
Kudigi		3.48	0.00	0.00	0.00	0.00	113.29	70.60	8.60	0.00	0.00	0.00	22.40	47.59	262.48

TOTAL CGS			923.91	706.22	480.71	770.34	1061.29	1007.48	986.60	878.08	701.47	934.14	960.21	1050.16	10460.60
APGPCL															
APGPCL I - Allocated capacity		2.40	0.81	0.84	0.81	0.84	0.81	0.81	0.83	0.81	0.84	0.81	0.78	0.84	9.80
APGPCL I - Unutilised capacity		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity		2.37	2.58	2.66	2.58	2.66	2.58	2.58	2.66	2.58	2.66	2.56	2.49	2.66	31.24
APGPCL II - Unutilised capacity		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL			3.38	3.50	3.38	3.50	3.38	3.38	3.49	3.38	3.50	3.37	3.27	3.50	41.04
IPPS															
GVK															0.00
Spectrum															0.00
Kondapalli (Naphtha)															0.00
Kondapalli (Gas)															0.00
BSES															0.00
GVK Extension															0.00
Vemagiri															0.00
Gautami															0.00
Konaseema															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL IPPS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE															
NCE - Bio-Mass		6.83	3.26	4.54	3.31	3.73	2.24	3.54	3.29	3.47	4.03	5.70	5.65	3.80	46.55
NCE - Bagasse		4.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	2.34	3.07	2.10	0.76	8.28
NCE - Municipal Waste to Energy		7.40	5.35	5.52	5.35	5.52	5.52	5.35	7.98	7.72	7.98	7.98	7.21	7.98	79.45
NCE - Industrial Waste based power project		7.00	1.18	1.18	3.51	3.24	2.58	2.47	0.28	0.21	1.08	2.20	3.65	3.63	25.22
NCE - Wind Power		4.70	13.79	13.48	17.03	16.48	17.03	17.03	10.55	15.68	16.96	18.47	15.28	12.59	184.35
NCE - Mini Hydel		0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.84	0.23	0.04	0.18	0.25	0.14	1.77
NCE - NCL Energy Ltd		0.00													0.00
NCE-Others		5.88	317.77	328.22	316.34	328.85	329.12	318.45	330.28	319.41	329.88	330.35	297.86	331.32	3877.85
TOTAL NCE			341.41	352.97	345.53	357.83	356.48	346.83	353.22	346.73	362.30	367.96	331.99	360.21	4223.47
OTHERS															
Srivathsa															0.00
LVS															0.00
Vishakapatnam Steel Plant															0.00
NB Ferro Alloys															0.00
Singareni		2.15	524.23	541.71	524.23	323.28	541.71	524.23	541.71	524.23	541.71	323.28	489.28	541.71	5941.32
Thermal Power Tech		1.74	117.17	121.07	117.17	121.07	121.07	117.17	121.07	117.17	96.86	121.07	109.36	121.07	1401.31
CSPGCL		1.20	400.67	414.04	400.67	414.04	414.04	400.67	414.04	400.67	414.04	414.04	373.96	414.04	4874.93
Thermal Power Tech Unit II		2.23	247.86	256.12	247.86	256.12	256.12	247.86	256.12	247.86	204.89	256.12	231.33	256.12	2964.35
															0.00
															0.00
															0.00
															0.00
TOTAL OTHERS			1289.92	1332.94	1289.92	1114.51	1332.94	1289.92	1332.94	1289.92	1257.50	1114.51	1203.93	1332.94	15181.90
MARKET															
PTC															0.00
RCL and Short-Term Sources(IG Wells,Kesoram)															0.00
CPDCL															0.00
EPDCL															0.00
NPDCL															0.00

SPDCL															0.00
UI															0.00
Other Short Term Sources		4.00	0.00	0.00	0.00	0.00	286.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	286.79
D-D Purchases/Sales			-41.13	169.28	90.75	-350.57	-886.33	-639.69	-867.88	-254.77	-27.88	-178.63	-141.51	-129.59	-3257.93
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL MARKET			-41.13	169.28	90.75	-350.57	-599.55	-639.69	-867.88	-254.77	-27.88	-178.63	-141.51	-129.59	-2971.15
TOTAL (From All Sources)			3412.26	3447.49	3031.12	3180.65	3769.96	3687.88	3625.96	3476.63	3483.61	3555.81	3545.08	3976.78	42193.22

Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Base Year							2014-15						
		Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
		Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge			Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category		5293.43	0.00	5293.43	0.00	0.00	0.00	5293.43	5297.66	0.00	5297.66	0.00	0.00	0.00	5297.66
Category I (A&B) - Domestic	Form-7	2126.71	0.00	2126.71				2126.71	2454.24	0.00	2454.24				2454.24
Category II (A,B,C & D) - Non-domestic/Commercial	Form-5a	1927.92	0.00	1927.92				1927.92	1815.73	0.00	1815.73				1815.73
Category III (A & B) - Industrial		716.07	0.00	716.07				716.07	569.46	0.00	569.46				569.46
Category IV (A,B &C) - Cottage Industries & Dhobighats		7.08	0.00	7.08				7.08	3.74	0.00	3.74				3.74
Category V (A,B & C) - Irrigation and Agriculture		48.29	0.00	48.29				48.29	25.68	0.00	25.68				25.68
Category VI (A & B) - Local Bodies, St. Lighting & PWS		415.65	0.00	415.65				415.65	389.90	0.00	389.90				389.90
Category VII (A & B) - General Purpose		50.77	0.00	50.77				50.77	37.10	0.00	37.10				37.10
Category VIII (A & B) -Temporary Supply		0.95	0.00	0.95				0.95	1.82	0.00	1.82				1.82
			0.00	0.00				0.00		0.00	0.00				0.00
HT Category at 11 KV		3218.56	0.00	3218.56	0.00	0.00	0.00	3218.56	3177.59	0.00	3177.59	0.00	0.00	0.00	3177.59
HT-I Industry Segregated		2025.23	0.00	2025.23				2025.23	1990.17	0.00	1990.17				1990.17
HT-I (B) Ferro-Alloys		3.85	0.00	3.85				3.85	0.00	0.00	0.00				0.00
HT-II - Others		1035.30	0.00	1035.30				1035.30	1033.65	0.00	1033.65				1033.65
HT-III Airports, Railways and Bustations		5.97	0.00	5.97				5.97	4.26	0.00	4.26				4.26
HT-IVA Lift Irrigation & Agriculture		21.92	0.00	21.92				21.92	22.77	0.00	22.77				22.77
HT - IV (B) Composite P.W.S Schemes		28.11	0.00	28.11				28.11	18.81	0.00	18.81				18.81
HT-VI Townships and Residential Colonies		53.92	0.00	53.92				53.92	44.39	0.00	44.39				44.39
HT-VII - Green Power		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT - Temporary Supply		44.26	0.00	44.26				44.26	63.54	0.00	63.54				63.54
RESCOs		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
			0.00	0.00				0.00		0.00	0.00				0.00
HT Category at 33 KV		3145.52	0.00	3145.52	0.00	0.00	0.00	3145.52	3011.21	0.00	3011.21	0.00	0.00	0.00	3011.21
HT-I Industry Segregated		2566.47	0.00	2566.47				2566.47	2514.79	0.00	2514.79				2514.79
HT-I (B) Ferro-Alloys		127.78	0.00	127.78				127.78	36.82	0.00	36.82				36.82
HT-II - Others		405.41	0.00	405.41				405.41	415.39	0.00	415.39				415.39
HT-III Airports, Railways and Bustations		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture		14.55	0.00	14.55				14.55	10.64	0.00	10.64				10.64
HT - IV (B) Composite P.W.S Schemes		12.28	0.00	12.28				12.28	1.55	0.00	1.55				1.55
HT-VI Townships and Residential Colonies		19.02	0.00	19.02				19.02	19.73	0.00	19.73				19.73
HT-VII - Green Power		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT - Temporary Supply		0.00	0.00	0.00				0.00	12.29	0.00	12.29				12.29
RESCOs		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
			0.00	0.00				0.00		0.00	0.00				0.00
HT Category at 132 KV		2135.77	0.00	2135.77	0.00	0.00	0.00	2135.77	1680.45	0.00	1680.45	0.00	0.00	0.00	1680.45
HT-I Industry Segregated		1607.71	0.00	1607.71				1607.71	1238.31	0.00	1238.31				1238.31
HT-I (B) Ferro-Alloys		48.10	0.00	48.10				48.10	50.14	0.00	50.14				50.14
HT-II - Others		33.57	0.00	33.57				33.57	39.11	0.00	39.11				39.11
HT-III Airports, Railways and Bustations		36.37	0.00	36.37				36.37	36.97	0.00	36.97				36.97
HT-IVA Lift Irrigation & Agriculture		307.34	0.00	307.34				307.34	212.68	0.00	212.68				212.68
HT - IV (C) Composite P.W.S Schemes		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT-V (A) Railway Traction		102.70	0.00	102.70				102.70	103.24	0.00	103.24				103.24
HT-V (B) HMR															
HT-VI Townships and Residential Colonies		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT-VII - Green Power		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT - Temporary Supply		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT- RESCOs		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00

Form 5

Form 5

Revenue from Current Tariffs (Rs. Crs.)	2015-16							2016-17						
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge			Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	6185.31	0.00	6185.31	0.00	0.00	0.00	6185.31	6597.90	0.00	6597.90	0.00	0.00	0.00	6597.90
Category I (A&B) - Domestic	2861.78	0.00	2861.78				2861.78	3117.66	0.00	3117.66				3117.66
Category II (A,B,C & D) - Non-domestic/Commercial	2184.75	0.00	2184.75				2184.75	2286.65	0.00	2286.65				2286.65
Category III (A & B) - Industrial	621.67	0.00	621.67				621.67	671.07	0.00	671.07				671.07
Category IV (A,B &C) - Cottage Industries & Dhobighats	3.80	0.00	3.80				3.80	4.18	0.00	4.18				4.18
Category V (A,B & C) - Irrigation and Agriculture	44.26	0.00	44.26				44.26	40.27	0.00	40.27				40.27
Category VI (A & B) - Local Bodies, St. Lighting & PWS	420.87	0.00	420.87				420.87	427.68	0.00	427.68				427.68
Category VII (A & B) - General Purpose	45.34	0.00	45.34				45.34	48.10	0.00	48.10				48.10
Category VIII (A & B) -Temporary Supply	2.84	0.00	2.84				2.84	2.31	0.00	2.31				2.31
		0.00	0.00				0.00		0.00	0.00				0.00
HT Category at 11 KV	3778.80	0.00	3778.80	6.16	0.00	0.00	3784.96	4059.93	0.00	4059.93	12.72	0.00	0.00	4072.65
HT-I Industry Segregated	2330.23	0.00	2330.23	6.16			2336.39	2509.55	0.00	2509.55	11.10			2520.65
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00	0.06	0.00	0.06				0.06
HT-II - Others	1293.37	0.00	1293.37				1293.37	1402.39	0.00	1402.39	1.62			1404.01
HT-III Airports, Railways and Bustations	6.08	0.00	6.08				6.08	4.48	0.00	4.48				4.48
HT-IVA Lift Irrigation & Agriculture	12.45	0.00	12.45				12.45	21.53	0.00	21.53				21.53
HT - IV (B) Composite P.W.S Schemes	28.05	0.00	28.05				28.05	17.37	0.00	17.37				17.37
HT-VI Townships and Residential Colonies	51.73	0.00	51.73				51.73	54.86	0.00	54.86				54.86
HT-VII - Green Power	0.00	0.00	0.00				0.00							0.00
HT - Temporary Supply	56.89	0.00	56.89				56.89	49.68	0.00	49.68				49.68
RESCOs	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
		0.00	0.00				0.00		0.00	0.00				0.00
HT Category at 33 KV	3274.44	0.00	3274.44	0.00	0.00	0.00	3274.44	2888.91	0.00	2888.91	143.75	0.00	0.00	3032.66
HT-I Industry Segregated	2742.21	0.00	2742.21				2742.21	2310.53	0.00	2310.53	142.12			2452.65
HT-I (B) Ferro-Alloys	14.64	0.00	14.64				14.64	0.00	0.00	0.00				0.00
HT-II - Others	475.17	0.00	475.17				475.17	531.81	0.00	531.81	1.63			533.44
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	12.02	0.00	12.02				12.02	17.80	0.00	17.80				17.80
HT - IV (B) Composite P.W.S Schemes	1.97	0.00	1.97				1.97	0.31	0.00	0.31				0.31
HT-VI Townships and Residential Colonies	25.90	0.00	25.90				25.90	28.45	0.00	28.45				28.45
HT-VII - Green Power	0.00	0.00	0.00				0.00							
HT - Temporary Supply	2.53	0.00	2.53				2.53	0.00	0.00	0.00				0.00
RESCOs	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
		0.00	0.00				0.00		0.00	0.00				0.00
HT Category at 132 KV	1771.83	0.00	1771.83	0.00	0.00	0.00	1771.83	2001.73	0.00	2001.73	99.00	0.00	0.00	2100.73
HT-I Industry Segregated	1263.07	0.00	1263.07				1263.07	1210.82	0.00	1210.82	99.00			1309.82
HT-I (B) Ferro-Alloys	119.08	0.00	119.08				119.08	82.42	0.00	82.42				82.42
HT-II - Others	47.30	0.00	47.30				47.30	54.19	0.00	54.19				54.19
HT-III Airports, Railways and Bustations	39.25	0.00	39.25				39.25	39.79	0.00	39.79	0.00			39.79
HT-IVA Lift Irrigation & Agriculture	201.29	0.00	201.29				201.29	513.27	0.00	513.27				513.27
HT - IV (C) Composite P.W.S Schemes	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT-V (A) Railway Traction	101.84	0.00	101.84				101.84	101.25	0.00	101.25				101.25
HT-V (B) HMR								0.00	0.00					0.00
HT-VI Townships and Residential Colonies	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT-VII - Green Power	0.00	0.00	0.00											0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT- RESCOs	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00

Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Base Year							2014-15						
		Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
		Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge			Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
			0.00	0.00				0.00		0.00	0.00				0.00
Total		13793.28	0.00	13793.28	0.00	0.00	0.00	13793.28	13166.91	0.00	13166.91	0.00	0.00	0.00	13166.91

Revenue from Current Tariffs (Rs. Crs.)	2015-16							2016-17						
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge			Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
		0.00	0.00				0.00		0.00	0.00				0.00
Total	15010.38	0.00	15010.38	6.16	0.00	0.00	15016.54	15548.47	0.00	15548.47	255.47	0.00	0.00	15803.94

Form 5 a
Incentives at current Tariffs
Base Year

[illegible]

HT Category at 33 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Aviation activity at Airports				
HT-IV A Lift Irrigation & Agriculture				
HT - IV B Composite P.W.S Schemes				
HT-VI Townships and Residential Colonies				
HT-VII - Green Power				
HT-Temporary Supply				
HT- RESCOs				
HT Category at 132 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Aviation activity at Airports				
HT-IV A Lift Irrigation & Agriculture				
HT - IV B Composite P.W.S Schemes				
HT-V Railway Traction				
HT-VI Townships and Residential Colonies				
HT-VII - Green Power				
HT-Temporary Supply				
HT- RESCOs				
Total (LT & HT)		0.00	0.00	

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2014-15

Consumer Category		Load Factor Incentives		Remarks
		Total		
		No. of consumers	Incentive Amount	
LT Category		0	0.00	
Category I (A&B) - Domestic				
Category II (A & B) - Non-domestic/Commercial				
Category LT-II (C) Advertising Hoardings				
Category III (A & B) - Industrial				
Category IV (A,B &C) - Cottage Industries & Dhobighats				
Category V (A, B & C) - Irrigation and Agriculture				
Category VI (A & B) - Local Bodies, St. Lighting & PWS				
Category VII (A & B) - General Purpose				
Category VIII (A & B) -Temporary Supply				

HT Category at 33 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Aviation activity at Airports				
HT-IV A Lift Irrigation & Agriculture				
HT - IV B Composite P.W.S Schemes				
HT-VI Townships and Residential Colonies				
HT-VII - Green Power				
HT-Temporary Supply				
HT- RESCOs				
HT Category at 132 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Aviation activity at Airports				
HT-IV A Lift Irrigation & Agriculture				
HT - IV B Composite P.W.S Schemes				
HT-V Railway Traction				
HT-VI Townships and Residential Colonies				
HT-VII - Green Power				
HT-Temporary Supply				
HT- RESCOs				
Total (LT & HT)		0.00	0.00	

2015-16

[illegible]

HT Category at 33 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Airports, Railways and Bustations				
HT-IV A Lift Irrigation and Agriculture				
HT - IV (B) Composite P.W.S Schemes				
HT-VI Townships and Residential Colonies				
HT-VII - Green Power				
HT-Temporary Supply				
HT- RESCOs				
HT Category at 132 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Airports, Railways and Bustations				
HT-IV A Lift Irrigation and Agriculture				
HT - IV (B) Composite P.W.S Schemes				
HT-V Railway Traction				
HT-VI Townships and Residential Colonies				
HT-VII - Green Power				
HT-Temporary Supply				
HT- RESCOs				
Total (LT & HT)		0.00	0.00	

2016-17

Consumer Category		Load Factor Incentives		Remarks
		Total		
		No. of consumers	Incentive Amount	
LT Category		0	0.00	
Category I (A&B) - Domestic				
Category II (A,B,C & D) - Non-domestic/Commercial				
Category III - Industrial				
Category IV (A & B) - Cottage Industries & Dhobighats				
Category V (A, B & C) - Irrigation and Agriculture				
Category VI (A & B) - Local Bodies, St. Lighting & PWS				
Category VII (A & B) - General Purpose				
Category VIII -Temporary Supply				
HT Category at 11 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Airports, Railways and Bustations				
HT-IV (A) Lift Irrigation and Agriculture				
HT - IV (B) Composite P.W.S Schemes				
HT-VI Townships and Residential Colonies				
HT-Temporary Supply				
HT- RESCOs				

HT Category at 33 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Airports, Railways and Bustations				
HT-IV (A) Lift Irrigation and Agriculture				
HT - IV (B) Composite P.W.S Schemes				
HT-VI Townships and Residential Colonies				
HT-Temporary Supply				
HT- RESCOs				
HT Category at 132 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Airports, Railways and Bustations				
HT-IV (A) Lift Irrigation and Agriculture				
HT - IV (B) Composite P.W.S Schemes				
HT-V (A) Railway Traction				
HT-V (B) HMR				
HT-VI Townships and Residential Colonies				
HT-Temporary Supply				
HT- RESCOs				
Total (LT & HT)		0.00	0.00	

Form 5c

Consumers served under Open Access as per Section 42 and Section 49 of E Act

The form refers to revenue from Open Access consumers served within or outside area of supply of the licensee

Consumers to be classified as per their geographical area. Details for each area to be entered in the header in the field Name of Area (yellow cells in headers). Areas may be classified as districts, regions or states or other licensee's area of supply or any other suitable combination.

Base Year	Area 1					Area 2				Area 3			
	Name of Area :	Zuari Cements, Kadapa				Name of Area :				Name of Area :			
Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)
LT Category		0	0.00		0.00	0	0.00		0.00	0	0.00		0.00
Category I (A&B) - Domestic													
Category II (A,B & C) - Non-domestic/Commercial													
Category III (A & B) - Industrial													
Category IV (A,B &C) - Cottage Industries & Dhobighats													
Category V (A, B & C) - Irrigation and Agriculture													
Category VI (A & B) - Local Bodies, St. Lighting & PWS													
Category VII (A & B) - General Purpose													
Category VIII (A & B) -Temporary Supply													
HT Category at 11 KV		0	0.00		0.00	0	0.00		0.00	0	0.00		0.00
HT-I Industry Segregated													
HT-I (B) Ferro-Alloys													
HT-II - Others													
HT-III Aviation activity at Airports													
HT-IV A Govt. Lift Irrigation Schemes													
HT-IV B Agriculture													
HT - IV (C) Composite P.W.S Schemes													
HT-VI Townships and Residential Colonies													
HT-VII - Green Power													
HT- VIII - RESCOs													
HT - IX -Temporary Supply													
HT Category at 33 KV										0.00	0	0.00	0.00
HT-I Industry Segregated													
HT-I (B) Ferro-Alloys													
HT-II - Others													
HT-III Aviation activity at Airports													
HT-IV A Govt. Lift Irrigation Schemes													
HT-IV B Agriculture													
HT - IV (C) Composite P.W.S Schemes													
HT-VI Townships and Residential Colonies													
HT-VII - Green Power													
HT- VIII - RESCOs													
HT - IX -Temporary Supply													
HT Category at 132 KV		0	0.00		0.00	0	0.00		0.00	0	0.00		0.00
HT-I Industry Segregated													
HT-I (B) Ferro-Alloys													
HT-II - Others													
HT-III Aviation activity at Airports													
HT-IV A Govt. Lift Irrigation Schemes													
HT-IV B Agriculture													
HT- IV (C) Composite P.W.S Schemes													
HT-V Railway Traction													
HT-VI Townships and Residential Colonies													
HT-VII - Green Power													
HT- VIII - RESCOs													
HT - IX -Temporary Supply													
Total		0	0.00		0.00	0	0.00		0.00	0	0.00		0.00

NOT APPLICABLE

Form 6

Non-tariff Income at Current Charges

This form refers to income other than the income derived from tariffs and does not include cross subsidy surcharge, additional surcharge, etc.

Items of Non - Tariff Income (Rs. Crs.)	Detail Links	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
Recoveries from theft of power or malpractices							
Interest Income from Bank Deposits / Investments etc.		1.12	1.27	1.77	2.53		
Interest income from staff advances and loans							
Power Purchase Rebates earned							
Securitisation benefits							
Miscellaneous / Other Receipts		3.01	29.96	75.21	0.46		
Others							
Interest on ED		4.01	3.66	3.42	3.62		
Reactive Income		0.28	2.43	2.83	0.31		
Reconnection Fee LT		3.46	1.40	1.00	0.97		
Reconnection Fee HT		0.11	0.06	0.05	0.31		
Application Registration Fee		1.60	1.41	1.36	1.82		
Grid Support charges		2.07	0.67	2.08	0.50		
Capacitor surcharge				20.55	20.80		
Total Non tariff income		15.66	40.86	108.27	31.32	0.00	0.00

Form 7

Total Revenue at Current Tariff and Charges

Please Note:

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy						Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges (Rs. Crores)		Grid Support Charges (Rs. Crs)	Post-Tariff Income (Rs. Crores)		Total Revenue (Net of Incentives) (Rs.Crs)	Remarks
		Energy Charges (Rs/kWh) or (Rs/kVAh)	Demand charges (Rs/kVA/Yr)	Demand charges (Rs/HP/Yr)	Energy Sales (MU)	Energy sales (MVAh)	Connected Load/ Contract Demand (MVA)	Connected Load/ Contract Demand (HP)	Energy Charges (Rs Crores)	Demand /Fixed charges (Rs Crores)	Minimum Charges (Rs Crores)	Customer Charges (Rs crores)	Others (Rs Crores)	Gross Tariff Revenue (Rs Crores)			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned		
LT Total - (Existing Categories)	8350827		9720.00	2160.00	16352.72	2018.06	7848.62	5757303.35	4827.28	186.86	60.57	240.75	-22.03	5293.43	0.00	5293.43	0.00	0.00	0.00	10.80	0.73	5304.96	
Category- Domestic (All)	6279122		0.00	0.00	5136	0	4711	0	1950.07	0.00	46.49	152.18	-22.03	2126.71	0.00	2126.71	0.00	0.00	0.00	6.84	0.39	2133.94	
Cat I(A) Domestic - upto 50 units/month	2345769	1.45			732.92		1548.13		106.27	0.00	46.49	59.29	-22.03	190.02					6.84	0.39	7.23	ED Adjustment charges	
Cat I(B) Domestic - >50 and upto 100 units/month	1852998		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					0.00	0.00	0.00		
0 - 50 units									0.00	0.00				0.00									
51 - 100 units	1852998								0.00	0.00				0.00									
Cat I(C) Domestic- above 100 & upto 200 units/month	1415699		0.00	0.00	2221.80	0.00	1666.71	0.00	646.79	0.00	0.00	59.46	0.00	706.25					0.00	0.00	0.00		
0 - 50 units		2.60			765.72		0.00		199.09	0.00		0.00	0.00	199.09									
51 - 100 units		2.60			764.91		0.00		198.88	0.00		0.00	0.00	198.88									
101 - 150 units	880703	3.60			542.03		955.71		195.13	0.00		36.99		232.12									
151 - 200 units	534996	3.60			149.14		711.00		53.69	0.00		22.47		76.16									
Cat-I(D) Domestic, > 200 Units/Month	664656		0.00	0.00	2181.70	0.00	1496.31	0.00	1197.01	0.00	0.00	33.43	0.00	1230.44					0.00	0.00	0.00		
0 - 50 units		2.60			321.07		0.00		83.48	0.00		0.00	0.00	83.48									
51 - 100 units		3.25			321.07		0.00		104.35	0.00		0.00	0.00	104.35									
101 - 150 units		4.88			321.07		0.00		156.68	0.00		0.00	0.00	156.68									
151 - 200 units		5.63			321.07		0.00		180.76	0.00		0.00	0.00	180.76									
201 - 250 units	263174	6.38			206.83		435.76		131.96	0.00		12.63		144.59									
251 - 300 units	148873	6.88			156.00		289.97		107.33	0.00		7.15		114.48									
301 - 400 units	132519	7.38			109.53		314.94		80.83	0.00		7.16		87.99									
401 - 500 units	52709	7.88			91.72		152.24		72.28	0.00		2.85		75.13									
above 500units	67381	8.38			333.35		303.40		279.34	0.00		3.64		282.98									
									0.00	0.00		0.00	0.00	0.00									
Category II - Non-domestic/Commrli (A,B & C)	802824		4200.00	600.00	1044.23	1071.54	1931.28	0.00	1767.02	115.88	13.29	31.73	0.00	1927.92	0.00	1927.92	0.00	0.00	0.00	1.22	0.12	1929.26	
Category II - Non-domestic/Commrli (A & B)	801000		3600.00	0.00	1042.12	1071.07	1926.24	0.00	1764.18	115.57	13.29	31.64	0.00	1924.68					1.22	0.12			
LT - II (A) Upto 50 units/month	426461	5.40	600.00	0.00	127.38	0.00	520.47	0.00	68.79	31.23	13.29	14.47	0.00	127.78									
0-50 units	426461	5.40	600.00		127.38		520.47		68.79	31.23	13.29	14.47		127.78									
LT - II (B) >50 Units/month	374539		3000.00	0.00	914.73	1071.07	1405.77	0.00	1695.39	84.35	0.00	17.17	0.00	1796.90									
0-50 units		6.63	600.00		171.96		0.00		114.01	0.00		0.00		114.01									
51- 100 units	134301	7.38	600.00		174.36		160.33		128.68	9.62		5.64		143.94									
101- 300 units	136970	8.13	600.00		341.26	5.94	267.36		282.28	16.04		6.57		304.89									
301- 500 units	35173	8.63	600.00		177.46	11.12	130.43		162.74	7.83		1.69		172.26									
Above 500 units	68095	9.13	600.00		49.69	1054.01	847.64		1007.68	50.86		3.27		1061.81									
LT-II (C) Advertising Hoardings	1824	11.03	600.00	600.00	2.11	0.47	5.04		2.85	0.30		0.09	0.00	3.24	0.00						0.00		
Category III - Industrial	52413		3480.00	0.00	110.33	946.52	1009.35	0.00	642.56	60.56	0.00	12.94	0.00	716.07	0.00	716.07	0.00	0.00	0.00		0.09	716.16	
Category III - Industrial	52413		3480.00	0.00	110.33	946.52	1009.35	0.00	642.56	60.56	0.00	12.94	0.00	716.07									
Industrial Normal	52413	6.08	600.00		110.33	946.52	1009.35		642.56	60.56		12.94		716.07									
Pisciculture/Prawn culture	0	4.63	240.00						0.00	0.00		0.00	0.00	0.00									
Sugarcane Crushing	0	4.63	240.00						0.00	0.00		0.00	0.00	0.00									
Poultry Farms	0	5.63	600.00						0.00	0.00		0.00	0.00	0.00									
Mushroom & Rabbit Farms	0	5.63	600.00						0.00	0.00		0.00	0.00	0.00									
Floriculture in Green House	0	5.63	600.00						0.00	0.00		0.00	0.00	0.00									
Seasonal Industries	0	6.75	600.00						0.00	0.00				0.00									
Category IV- Cottage Industries	6584		480.00	0.00	17.06	0.00	19.02	0.00	6.40	0.46	0.00	0.23	0.00	7.08	0.00	7.08	0.00	0.00	0.00		0.01	7.10	
Cat -IV(A) - Cottage Indstr. Upto 10 HP	6584	3.75	240.00		17.06		19.02		6.40	0.46	0.00	0.23		7.08									
Cat -IV(B) - Agro Based Acticity upto 10 HP	0	3.75	240.00						0.00	-	0.00	0.00		0.00									
Category V (A,B & C) - Agriculture (1+2)	1099118		0.00	480.00	9190.48	0.00	0.00	5601644.41	8.73	0.06	0.00	39.49	0.00	48.29	0.00	48.29	0.00	0.00					

New L T Categories (Total)	0				0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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2015-16

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Floriculture in Green House									0.00	0.00				0.00							
Seasonal Industries									0.00	0.00				0.00							
Category IV- Cottage & Agrobased Industries	3608		0.00	240.00	9.12	0.00	0.00	13510.00	3.42	0.32	0.00	0.13	-0.08	3.80	0.00	3.80	0.00	0.00	0.00	0.03	3.83
Cat -IV(A) - Cottage Indstr. & Dhubhi Ghats	3608	3.75		240	9			13510	3.42	0.32		0	0	3.80							
Cat -IV(B) - Agro based Industries									0.00	0.00				0.00							
Category V (A,B & C) - Irrig & Agriculture	912717		0.00	0.00	6517.67	0.00	0.00	4536010.00	5.67	0.00	0.00	40.17	-1.58	44.26	0.00	44.26	0.00	0.00	0.00	23.94	68.20
Category V(A&B) - Agriculture	912717		0.00	0.00	6517.67	0.00	0.00	4536010.00	5.67	0.00	0.00	40.17	-1.58	44.26							
Cat V(A) - Agriculture with DSM measures	909536		0.00	0.00	6499.59	0.00	0.00	4518053.30	3.00	0.00	0.00	40.05	-1.63	41.43							
Corporate Farmers & IT Assesses	2571	2.50			9			13312	2.24	0.00		0	0	2.37							
Wet Land Farmers (Holdings >2.5 acre)	409	0.50			6			2027	0.31	0.00		0	0	0.32							
Dry Land Farmers (Connections > 3 nos.)	1688	0.50			9			8714	0.45	0.00		0	0	0.52							
Wet Land Farmers (Holdings <= 2.5 acre)	27211	0.00			0			138648	0.00	0.00		1	0	0.87							
Dry Land Farmers (Connections <= 3 nos.)	877657	0.00			6475			4355353	0.00	0.00		39	-2	37.35							
Cat V(B) - Agriculture with Non-DSM measures	3181		0.00	0.00	18.08	0.00	0.00	17956.70	2.67	0.00	0.00	0.12	0.05	2.83							
Corporate Farmers & IT Assesses	856	3.50			4			5698	1.36	0.00		0	0	1.42							
Wet Land Farmers (Holdings >2.5 acre)	1350	1.00			7			7225	0.71	0.00		0	0	0.76							
Dry Land Farmers (Connections > 3 nos.)	653	1.00			5			3183	0.49	0.00		0	0	0.52							
Wet Land Farmers (Holdings <= 2.5 acre)	23	0.50			0			134	0.01	0.00		0	0	0.01							
Dry Land Farmers (Connections <= 3 nos.)	299	0.50			2			1718	0.10	0.00		0	0	0.12							
Category LT V(C) - Others	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00	0.00	0.00
Rural Horticulture Nurseries									0.00	0.00				0.00							
Category VI - Local Bodies, St. Lighting & PWS	63720		1152.00	1152.00	709.83	0.00	113.01	114320.00	408.46	8.73	0.00	2.26	1.42	420.87	0.00	420.87	0.00	0.00	0.00	2.61	423.48
VI(A) - Street Lighting	40620		1152.00	0.00	438.06	0.00	113.01	0.00	276.61	4.34	0.00	1.45	0.14	282.54							
Panchayats	14585	5.70	384		144		40		81.80	1.52		1	0	83.90							
Municipalities	4415	6.20	384		51		12		31.54	0.48		0	0	32.49							
Municipal Corporations	21620	6.70	384		244		61		163.26	2.34		1	0	166.15							
VI(B) PWS Schemes	23100		0.00	1152.00	271.77	0.00	0.00	114320.00	131.86	4.39	0.00	0.81	1.28	138.34							
Panchayats	18389	4.60		384	217			90734	99.68	3.48		1	0	103.77							
Municipalities	2512	5.70		384	39			11923	22.50	0.46		0	1	23.84							
Corporations	2199	6.20		384	16			11663	9.68	0.45		0	1	10.73							
Category VII (A&B)	21781		504.00	0.00	61.55	0.00	42.59	0.00	41.13	1.07	0.46	0.99	1.69	45.34	0.00	45.34	0.00	0.00	0.00	0.23	45.57
Cat VII (A) - General Purpose	17754	6.90	252		54		39		37.59	0.99	0	1	1	41.08							
Cat VII-B - Religious Places (CL <=2KW)	4027.00		252.00	0.00	7.07	0.00	3.27	0.00	3.53	0.08	0.00	0.14	0.50	4.26							
All units	4027	5.00	252		7		3		3.53	0.08		0	1	4.26							
Category VIII-Temporary Supply	110		252.00	0.00	1.36	0.00	1.01	0.00	1.36	0.03	0.16	0.00	1.30	2.84	0.00	2.84	0.00	0.00	0.00	0.00	2.84
Temp. Supply (for ALL UNITS)	110	10.00	252		1		1		1.36	0.03	0		1	2.84							
New LT Categories (Total)	0				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
									0.00	0.00				0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
									0.00	0.00				0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
									0.00	0.00				0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
									0.00	0.00				0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0	0.00	0.00	0.00				

2016-17																							
Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy						Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges (Rs. Crores)		Grid Support Charges (Rs. Crores)	Non-tariff income (Rs. Crores)		Total Revenue (Net of incentives)	Remarks
		Energy Charges (Rs/kWh) or (Rs.kVAh)	Demand charges (Rs/kVA/Yr)	Demand charges (Rs/HP/Yr)	Energy Sales (MU)	Energy sales (MVAh)	Connected Load/ Contract Demand (MW)	Connected Load/ Contract Demand (HP)	Energy Charges (Rs Crores)	Demand /Fixed charges (Rs Crores)	Minimum Charges (Rs Crores)	Customer Charges (Rs crores)	Others (Rs Crores)	Gross Tariff Revenue (Rs Crores)			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned		
LT Total - (Existing Categories)	7333614				19789.52	0.00	8678.71	6050741.67	6159.26	227.95	37.29	330.54	-157.14	6597.90	0.00	6597.90	0.00	0.00	0.00	0.00	19.83	6617.73	31.32
Category- Domestic (All)	5426404				7084.03	0.00	6419.84	0.00	2975.28	0.00	26.12	231.61	-115.35	3117.66	0.00	3117.66	0.00	0.00	0.00	0.00	7.10	3124.76	
Cat I (A) Domestic up to 100 units/month	2846633				1715.01	0.00	2166.86	0.00	292.80	0.00	26.12	91.61	0.00	410.53							1.72		
0 - 50 units	1,547,853.00	1.45			1,331.37		1,098.23		193.05	0.00	25.62	45.95		264.62									
51 - 100 units	1,298,780.00	2.60			383.64		1,068.63		99.75	0.00	0.50	45.66		145.92									
Cat I (B) (i) Domestic- > 100 & <=200 units/month	1628480				2662.43	0.00	1987.47	0.00	969.55	0.00	0.00	70.96	0.00	1040.52							2.67		
0 - 100 units		3.30			1,752.90				578.46	0.00		-		578.46									
101 - 200 units	1,628,480.00	4.30			909.53		1,987.47		391.10	0.00		70.96		462.06									
Category I (B) (ii) Domestic > 200 units/month	951291				2706.59	0.00	2265.51	0.00	1712.93	0.00	0.00	69.04	-115.35	1666.61							2.71		
0 - 200 units		5			1523				761.63	0.00				761.63									
201 - 300 units	563261	7			602		1028		433.27	0.00		37	-115	355.01									
301 - 400 units	197196	9			222		483		189.04	0.00		17		206.02									
401 - 800 units	158124	9			245		527		220.09	0.00		13		232.70									
More than 800 units	32710	10			115		227		108.91	0.00		2		111.26									
Category II - Non-domestic/CommrI (A, B, C & D)	748,920.00				2291.67	0.00	2093.66	0.00	2111.89	145.04	10.69	44.25	-25.23	2286.65	0.00	2286.65	0.00	0.00	0.00	0.00	2.30	2288.95	
Category II - Non-domestic/CommrI (A & B)	746376				2287.73	0.00	2087.65	0.00	2107.27	144.63	10.48	44.07	-25.23	2281.23							2.29		
LT - II (A) upto 50 units	331067				68.88	0.00	473.01	0.00	41.33	28.38	10.48	16.48	-25.23	71.43									
0-50 units	331067	6	600		69		473		41.33	28.38	10	16	-25	71.43									

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Form 8

Revenue Deficit / Surplus at Current Tariffs and Charges

Items of Revenue Deficit/Surplus (Rs. Crs.)	Detail Links	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
Aggregate Revenue Requirement (Rs. Crs.)	Form 1	16493.14	16219.62	18622.76	21985.16	22496.96	23518.88
Total Revenue		13808.94	13207.77	15124.81	15835.26	0.00	0.00
Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	Form 5	13793.28	13166.91	15016.54	15803.94	0.00	0.00
Non - Tariff Income (Rs. Crs.)	Form 6'	15.66	40.86	108.27	31.32	0.00	0.00
Revenue from Trading (Rs. Crs.)	Form 1.4 b	0.00	0.00	0.00	0.00	0.00	0.00
Revenue Deficit (-) / Surplus(+) at Current Tariffs (Rs. Crs.)		-2684.20	-3011.85	-3497.95	-6149.90	-22496.96	-23518.88

Form 9 Revenue Deficit / Surplus and Proposed Adjustments

	Items of Revenue Deficit/ Surplus (Rs. Crs.)	Detail Links	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
A	Aggregate Revenue Requirement	Form 1	16493.14	16219.62	18622.76	21985.16	22496.96	23518.88
B	Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	Form 5	13793.28	13166.91	15016.54	15803.94	0.00	0.00
C	Non - Tariff Income (Rs. Crs.)	Form 6'	15.66	40.86	108.27	31.32	0.00	0.00
D	Revenue from Trading	Form 1.4 b	0.00	0.00	0.00	0.00	0.00	0.00
E	Revenue Deficit(-) / Surplus(+) at Current Tariff		-2684.20	-3011.85	-3497.95	-6149.90	-22496.96	-23518.88
F	Revenue changed through proposed tariff							
G	External subsidy available / contracted		1,627.49	1,014.35	723.79	1,033.41	727.09	
H	Any other means of adjustments				118.35			
	Net Deficit / Surplus		-1056.71	-1997.49	-2655.81	-5116.49	-21769.87	-23518.88

[illegible]

Company Name	TSSPDCL
Filing Date (dd/mm/yy)	
Multi Year Tariff Period	FY 2014-2019
Year of ARR filing	FY 2018-19
Data Type	CoS Inputs

S. No.	Title	Form No.
1	New Consumer Categories	Form 1
2	ARR -Retail Supply Business	Form 2
3	Percentage Cost Allocation	Form 3
4	Cost Allocation Factors	Form 4
5	Transmission Contracts	Form 5
6	Percentage Losses	Form 6
7	Classification of Asset Base	Form 7



Form 1 New Consumer Categories

Notes:	
1	Add any proposed category here, in the tables provided under corresponding voltage levels.
2	Select the category which is being modified/replaced in the EXISTING CATEGORY Field.
3	Provide the name of the proposed category in the PROPOSED CATEGORY Field
4	This form should be consistent with Form A of Retail Supply of Electricity Forms

For LT Category

Codes	Modification/Replacement of existing Category	Existing Category	Proposed Category	Remarks

For HT Category - 33kV

Codes	Modification/Replacement of existing Category	Existing Category	Proposed Category	Remarks

For HT Category - 11kV

Codes	Modification/Replacement of existing Category	Existing Category	Proposed Category	Remarks

For HT Category - 132kV

Codes	Modification/Replacement of existing Category	Existing Category	Proposed Category	Remarks

Form 2 Aggregate Revenue Requirement for Retail Supply Business

Revenue Requirement Item		FY 2018-19			
		Amount (Rs crores)	Cost Allocation (Rs crores)		
			Demand	Energy	Customer
1	Transmission Cost	959.57	959.57		
2	SLDC Cost	23.83	23.83		
3	Distribution Cost	3098.73	2667.88	50.59	380.26
4	PGCIL Expenses	796.91	796.91		
5	ULDC Charges	2.12	2.12		
6	Network and SLDC Cost (1+2+3+4+5)	4881.15	4450.30	50.59	380.26
7	Power Purchase / Procurement Cost	18432.71	8228.89	10203.81	
8	Interest on Consumer Security Deposits	176.10		176.10	
9	Supply Margin in Retail Supply Business	29.20			29.20
10	Other Costs, if any	0.00			
11	Supply Cost (7+8+9+10)	18638.00	8228.89	10379.91	29.20
12	Aggregate Revenue Requirement (6+11)	23519.15	12679.19	10430.50	409.46

Form 3

Particulars	FY 2018-19			
	Amount (Rs crores)	% allocation		
		Demand	Energy	Customer
Total Power Purchase Cost	18432.71			
Fixed Cost	7718.57	100.00	0.00	0.00
Variable Cost	10203.81	0	100.00	0.00
Incentive	0.00	0.00	100.00	0.00
Income Tax	0.00	100.00	0.00	0.00
Others	510.32	100.00	0.00	0.00
Interest on Consumer Security Deposits	176.10	0.00	100.00	0.00
Supply Margin in Retail Supply Business	29.20	0.00	0.00	100.00
Other Costs, if any	0.00			
Total Supply Cost	18638.00			



Form 4
FY 2018-19

Consumer Category	Sales		Number of Consumers	Load (MVA / MW) - HP Converted to MVA Approved	Commercial Loss				FACTORS			Cost allocation (Rs Cr)	Cost to Serve (Rs/ kWh)
	Energy MU	Capacity MW			Commercial Loss %	Non-coincident Demand %	Coincident Demand Morning %	Coincident Demand Evening %	Class Load Factor	Class Coincidence Factor - Morning	Class Coincidence Factor - Evening		
LT Category	22334.17	15440.39	8111952	0.00								15285.2	
Category I Domestic	8322.51	7577.02	5997086		32.24%	28.52%	28.65%	31.74%	78.48%	81%	91.61%	5866.7	7.05
Category II - Non-domestic/Commercial	2572.94	2444.26	824266		9.97%	8.72%	10.29%	10.46%	79.37%	94%	97.68%	1826.1	7.10
Category III (A & B) - Industrial	879.59	900.68	44694		3.41%	2.82%	3.19%	3.37%	83.78%	90%	97.33%	588.8	6.69
Category IV - Cottage Industries & Dhobighats	9.35	10.99	4018		0.04%	0.03%	0.03%	0.03%	77.94%	77%	68.04%	6.1	6.54
Category V (A), A(I) & A(II) - Irrigation and Agriculture	9765.40	4215.37	1141049		37.83%	30.74%	35.89%	33.45%	85.43%	93%	88.68%	6425.9	6.58
Category V (B) - Agriculture (Tatkal)	706.34	238.89	77334		2.74%	4.88%	3.06%	1.81%	55.65%	72%	43.15%	509.4	7.21
Category VI - Local Bodies, St. Lighting & PWS	75.04	51.49	23305		0.28%	0.43%	0.32%	0.32%	56.25%	76%	76.34%	59.4	7.92
Category VII (A & B) - General & Religious Purposes	3.01	1.69	200		0.01%	0.02%	0.01%	0.01%	56.25%	76%	76.34%	2.3	7.80
Category VIII-Temporary Supply	0.00	0.00	0		0.01%	0.81%	0.01%	0.01%		100%	100.00%	0.5	
HT Category at 11 KV	5356.68	2393.78	8820	0.00								3478.4	
HT-I Industry Segregated	3532.34	1424.05	4920		8.90%	8.47%	10.21%	10.27%	72.90%	96.37%	98.56%	2284.0	6.47
Lights & Fans													
Colony consumption													
Seasonal Industries													
HT-I Industrial Time-of-Day Tariff (6 PM to 10 PM)													
HT-I (B) Ferro-Alloys	0.17	0.40	2		0.00%	0.00%	0.00%	0.00%	47.39%	74%	71%	0.2	11.15
HT-II Industrial Non-Segregated	1549.56	807.86	3332		3.90%	3.57%	4.12%	4.19%	75.90%	93.14%	96.35%	1011.7	6.53
HT-III Railway Stations, Bus Stations & Airports	5.03	1.62	9		0.01%	0.01%	0.01%	0.02%	58.70%	70.63%	96.74%	3.2	6.46
HT-IV A Govt. Lift Irrigation Schemes	132.03	84.51	286		0.33%	0.27%	0.32%	0.23%	83.97%	94.09%	68.92%	82.5	6.25
HT-IV B Agriculture													
HT-IVC - Composite Public Water Supply Schemes													
HT-VI Townships and Residential Colonies	100.30	52.93	130		0.25%	0.32%	0.32%	0.34%	60.14%	100.00%	94.62%	73.5	7.33
HT-VII - Green Power													
RESCOs													
Temporary Supply	37.26	22.40	141		0.09%	6.51%	0.08%	0.08%	100.00%	99.81%	100.00%	23.3	6.24
HT Category at 33 KV	4215.42	1474.72	584	0.00								2294.5	
HT-I Industry Segregated	3219.27	1073.66	361		0.00%	0.00%	0.00%	0.00%	92.81%	98.15%	100.00%	1752.3	5.44
Lights & Fans													
Colony consumption													
Seasonal Industries													
HT-I Industrial Time-of-Day Tariff (6 PM to 10 PM)													

HT-I (B) Ferro-Alloys	0.00	0.00	0		0.00%	0.00%	0.00%	0.00%	0.00%			0.0	
HT-II Industrial Non-Segregated	672.20	279.60	154		0.00%	0.00%	0.00%	0.00%	82.56%	100.00%	96.53%	393.5	5.85
HT-III Railway Stations, Bus Stations & Airports	0.00	0.00	0		0.00%	0.00%	0.00%	0.00%				0.0	
HT-IV A Govt. Lift Irrigation Schemes	265.75	85.80	53		0.00%	0.00%	0.00%	0.00%	67.92%	0.00%	50.16%	108.8	4.10
HT-IV B Agriculture													
HT-IVC - Composite Public Water Supply Schemes													
HT-VI Townships and Residential Colonies	58.20	35.67	16		0.00%	3.87%	3.42%	3.68%	74.38%	70.53%	77.06%	39.9	6.85
HT-VII - Green Power													
RESCOs													
Temporary Supply	0.00	0.00	0		0.00%	0.00%	0.00%	0.00%		#DIV/0!	#DIV/0!	0.0	
HT Category at 132 KV	4527.98	2488.75	90	0.00								2461.5	
HT-I Industry Segregated	2151.38	670.37	42		0.00%	0.00%	0.00%	0.00%	87.76%	96.80%	97.89%	1122.9	5.22
Lights & Fans													
Colony consumption													
Seasonal Industries													
HT-I Industrial Time-of-Day Tariff (6 PM to 10 PM)													
HT-I (B) Ferro-Alloys	141.75	26.50	2		0.00%	0.00%	0.00%	0.00%	97.28%	97.81%	98%	67.7	4.78
HT-II Industrial Non-Segregated	163.11	47.53	10		0.00%	0.00%	0.00%	0.00%	84.54%	98.50%	99.89%	86.3	5.29
HT-III Railway Stations, Bus Stations & Airports	63.30	11.00	1		0.00%	0.00%	0.00%	0.00%	66.87%	56.07%	78.50%	30.0	4.75
HT-IV A Govt. Lift Irrigation Schemes	1717.45	1558.35	19		0.00%	0.00%	0.00%	0.00%	96.03%	75.00%	50%	971.4	5.66
HT-IV B Agriculture													
HT-IVC - Composite Public Water Supply Schemes													
HT-V (A) Railway Traction	171.00	135.00	12		0.00%	0.00%	0.00%	0.00%	88.46%	87.13%	90.79%	103.3	6.04
HT-V (B) HMR	120.00	40.00	4		0.00%	0.00%	0.00%	0.00%	38.19%	88.89%	55.56%	79.9	6.66
HT-VI Townships and Residential Colonies	0.00	0.00	0		0.00%	0.00%	0.00%	0.00%				0.0	
HT-VII - Green Power													
RESCOs													
Temporary Supply													
Total	36434.26	21797.64	8121446	0.00								23519.7	6.46

Form 5

Transmission Contracts

Particulars	FY 2013-14	FY 2014-15	FY 2015-16
Total Installed Generation Capacity - Discom's Share (MW)			
Transmission Contracts of Discoms with APTransco (MW/MVA)			
Transmission Contracts of Discoms with PGCIL (MW/MVA)			
Discom's Share in CGS (MW)			
Discom's NCP (MW)			
Discom's CP (MW)			

Particulars	FY 2016-17	FY 2017-18	FY 2018-19
Total Installed Generation Capacity - Discom's Share (MW)			11643.77
Transmission Contracts of Discoms with APTransco (MW/MVA)			10935.33
Transmission Contracts of Discoms with PGCIL (MW/MVA)			2623.34
Discom's Share in CGS (MW)			1705.80
Discom's NCP (MW)			5905.57
Discom's CP (MW)			5323.20

Remarks		
FY 2013-14	FY 2014-15	FY 2015-16

Remarks		
FY 2016-17	FY 2017-18	FY 2018-19

Form 6

Percentage Losses

Particulars	FY 2016-17	FY 2017-18	FY 2018-19
Energy Losses %			
Technical LT Losses			2.13%
Technical HT Losses (11 kV)			3.40%
Technical HT Losses (33 kV)			3.99%
Total Technical Losses			9.52%
Commercial LT Losses			1.15%
Commercial HT Losses (11 kV)			0.18%
Commercial HT Losses (33 kV)			0.00%
Total Commercial Losses			1.33%
Total Energy Losses			10.85%
Demand Losses %			
Technical LT Losses			2.64%
Technical HT Losses (11 kV)			4.54%
Technical HT Losses (33 kV)			5.32%
Total Technical Losses			12.51%
Commercial LT Losses			0.97%
Commercial HT Losses (11 kV)			0.18%
Commercial HT Losses (33 kV)			0.04%
Total Commercial Losses			1.19%
Total Demand Losses			13.70%
Transmission loss %			
TSTransco Losses			3.09%
PGCIL Losses			2.47%
Total Transmission Losses %			4.44%

Form 7

Asset	FY 2018-19			
	Total Assets Rs crores	% allocation		
		Demand	Energy	Customer
Assets Base for Discom				
Land & Rights	199.35	159.48		39.87
Buildings	228.38	182.71		45.68
Hydraulic Works				
Other Civil Works	305.78	244.62		61.16
Plant & Machinery	9978.17	7982.54		1995.63
Lines, Cable, Network, etc.	7344.72	5875.77		1468.94
Vehicles	2.82			
Furniture and Fixtures	22.07	17.65		4.41
Office Equipments	121.62	97.30		24.32
Spare parts and other assets				
Borrowings for Working Capital				
Less: Contribution, Grants, Subsidies				
Total Assets With Adjustments	18,202.90			
Voltage wise-Distribution Assets	17,322.89			
LT	3972.28			
11kV	10554.77			
33kV	2795.84			
Assets Base for Generation				
Total Assets				
Assets Base for Transmission				
Total Assets				