

Executive Summary of Petitions submitted by IPGCL & PPCL for True up of FY 2017-18 and Tariff Determination for FY 2019-20

A. Introduction

- 1.1 The Generating Companies IPGCL and PPCL have filed their petitions for Approval of True up for FY 2017-18 and determination of Aggregate Revenue Requirement (ARR) and Tariff for FY 2019-20.
- 1.2 This Executive Summary contains the summary of the petitions filed by IPGCL and PPCL for True up for FY 2017-18 (based on audited accounts), ARR and determination of Tariff for FY 2019-20 (based on projections).
- 1.3 ARR and Tariff for FY 2019-20 shall be based on the provisions of Delhi Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff) Regulations, 2017, which broadly has the following components:
 - a. Norms of Operation
 - i. Station Heat rate
 - ii. Auxiliary Consumption
 - iii. Plant Availability Factor
 - b. Operation and Maintenance (O&M) expenses
 - c. Return on Capital Employed
 - d. Depreciation
 - e. Income Tax.
- 1.4 The Commission shall true-up the ARR for FY 2017-18 as per the provisions of Delhi Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff) Regulations, 2017 and Delhi Electricity Regulatory Commission (Business Plan) Regulations, 2017, after required prudence check.
- 1.5 The figures of various components in the Executive Summary have been extracted from the Petitions filed by IPGCL and PPCL for ease of understanding to various stakeholders however the complete petition is also available on DERC website <http://www.derc.gov.in/>.

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B. TRUE UP OF FY 2017-18 and ARR & Tariff for FY 2019-20

1.6 The Generating Companies IPGCL and PPCL have submitted the following operational parameters for the true up period i.e. FY 2017-18 as follows:

Table 1: Generation Plants Performance Parameters for FY 2017-18

Station	Parameter	Particulars	BPR* Value	Petitioner's Submission
GTPS	Availability (%)		85.00	83.07
	SHR (kCal/kWH)	Combined Cycle	2450	2472
		Open Cycle	3125	3444
	Aux. Consumption (%)	Combined Cycle	2.50	3.78
		Open Cycle	1.00	-
PPS-I	Availability (%)		85.00	92.64
	SHR (kCal/kWH)	Combined Cycle	2000	1973
		Open Cycle	2900	3176
	Aux. Consumption (%)	Combined Cycle	2.50	2.39
		Open Cycle	1.00	-

(*Delhi Electricity Regulatory Commission (Business Plan) Regulations, 2017)

1.7 The Generating Companies IPGCL and PPCL have submitted the following Fixed Costs for the true up period i.e. FY 2017-18 as follows:

Table 2: Fixed Cost for GTPS and PPS I Stations for FY 2017-18

Sl. No.	Particular	Unit	GTPS	PPS I
1.	O&M Expenses	Rs. Crores	80.08	89.17*
2.	Depreciation	Rs. Crores	10.95	13.63
3.	ROCE	Rs. Crores	41.73	70.06
4.	Fixed Aux. Power Consumption	Rs. Crores	3.42	4.66
5.	Total Fixed Cost	Rs. Crores	136.18	177.52
6.	Net Generation	(MU)	557.09	1908.36
7.	Fixed Cost/Unit	(Rs/kWh)	2.44	0.93

(*includes Sp. R&M on account of DLN and STP)

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- 1.8 The Generating Company IPGCL and PPCL have submitted the following operational parameters for FY 2019-20 as follows:

Table 3: Generation Plants Performance Parameters for FY 2019-20

Station	Parameter	Particulars	FY 2019-20
GTPS	Availability (%)		85
	SHR (kCal/kWH)	Combined Cycle	2450
		Open Cycle	3125
	Aux. Consumption (%)		2.50
PPS-I	Availability (%)		85
	SHR (kCal/kWH)	Combined Cycle	2000
		Open Cycle	2900
	Aux. Consumption (%)		2.50

- 1.9 The Generating Companies IPGCL and PPCL have submitted the following Fixed Costs for FY 2019-20 as follows :

Table 4: Fixed Cost for GTPS and PPS I Stations for FY 2019-20

Sl. No.	Particular	Unit	GTPS	PPS I
1.	O&M Expenses	Rs. Crores	89.32	84.96*
2.	Depreciation	Rs. Crores	11.25	13.92
3.	ROCE	Rs. Crores	43.53	82.65
4.	Fixed Aux. Power Consumption	Rs. Crores	4.74	6.51
5.	Total Fixed Cost	Rs. Crores	148.83	188.04
6.	Net Generation	(MU)	1965.53	2402.31
7.	Fixed Cost/Unit	(Rs/kWh)	0.76	0.78

(*includes Sp. R&M on account of DLN and STP)