

A. INTRODUCTION

- 1.1 The Generating Companies IPGCL and PPCL have filed their Petitions for Approval of True-up for FY 2018-19 and determination of Aggregate Revenue Requirement (ARR) for FY 2020-21.
- 1.2 This Executive Summary contains the summary of the Petitions filed by IPGCL and PPCL for True up for FY 2018-19 (based on audited accounts), ARR and determination of Tariff for FY 2020-21 (based on projections).
- 1.3 ARR and Tariff for FY 2020-21 shall be based on the provisions of *DERC (Terms and Conditions for Determination of Tariff) Regulations, 2017* and *DERC (Business Plan) Regulations, 2019*, 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 2018-19 as per the provisions *DERC (Terms and Conditions for Determination of Tariff) Regulations, 2017* and *DERC (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 of various stakeholders. Complete petition is also available on DERC website <http://www.derc.gov.in>

B. TRUE UP OF FY 2018-19 AND ARR & TARIFF FY 2020-21

- 1.6 The Generating Companies IPGCL and PPCL have submitted the operational parameters for the true-up period FY 2018-19 as follows:

Table 1: Generation Plants Performance Parameters for FY 2018-19

Station	Parameter	Particulars	BPR* Value	Petitioner's Submission
GTPS	Availability (%)		85.00	81.29
	SHR (kCal/kWH)	Combined Cycle	2450	2549

Station	Parameter	Particulars	BPR* Value	Petitioner's Submission
		Open Cycle	3125	3429
	Aux. Consumption (%)	Combined Cycle	2.00	3.76
		Open Cycle	0.50	
PPS-I	Availability (%)		85.00	88.36
	SHR (kCal/kWH)	Combined Cycle	2000	1989
		Open Cycle	2900	3105
	Aux. Consumption (%)	Combined Cycle	2.00	2.39
		Open Cycle	0.50	

*DERC (Business Plan) Regulations, 2017

- 1.7 The Generating Companies IPGCL and PPCL have submitted the following Fixed Cost for the true-up period i.e. FY 2018-19 as follows:

Table 2: Fixed Cost for GTPS and PPS I Station for FY 2018-19

Sr. No.	Particular	Unit	GTPS	PPS I
1.	Return on Capital Employed	Rs. Cr.	35.61	79.51
2.	Depreciation	Rs. Cr.	11.09	14.02
3.	Operation and Maintenance Expenses	Rs. Cr.	96.59	99.06*
4.	Fixed Auxiliary Consumption	Rs. Cr.	5.21	6.07
5.	Annual Fixed Cost	Rs. Cr.	148.49	198.65
6.	Net Generation	(MU)	577.005	1479.42
7.	Fixed Cost/Unit	(Rs./kWh)	2.573	1.343

(*includes Sp. R&M on account of DLN and STP and Impact of Adhoc payment as IR due to Pay revision)

- 1.8 The Generating Company IPGCL and PPCL have submitted the following operational parameters for FY 2020-21 as follows:

Table 3: Generation Plant Performance Parameters for FY 2020-21

Station	Parameter	Particulars	FY 2020-21
GTPS	Availability (%)		85
	SHR (kCal/kWH)	Combined Cycle	2450
		Open Cycle	3125
	Aux. Consumption (%) – CC		2.75
PPS-I	Availability (%)		85
	SHR (kCal/kWH)	Combined Cycle	2000
		Open Cycle	2900
	Aux. Consumption (%) – CC		2.75

1.9 The Generating Companies IPGCL and PPCL have submitted the following Fixed Costs for FY 2020-21 as follows:

Table 4: Fixed Cost for FY 2020-21

Sr. No.	Particular	Unit	GTPS	PPS I
1.	Return on Capital Employed	Rs. Cr.	51.60	75.26
2.	Depreciation	Rs. Cr.	18.74	13.79
3.	Operation and Maintenance Expenses	Rs. Cr.	79.52	75.97
4.	Annual Fixed Cost	Rs. Cr.	149.86	165.01
5.	Net Generation	(MU)	1955.13	2389.61
6.	Fixed Cost/Unit	(Rs/kWh)	0.77	0.69