

**A. INTRODUCTION**

- 1.1 The Generating Companies, Indraprastha Power Generation Company Limited (IPGCL) and Pragati Power Company Limited (PPCL) have filed their Petitions for Approval of True-up of FY 2020-21 and determination of Aggregate Revenue Requirement (ARR) & Tariff for FY 2022-23.
- 1.2 This Executive Summary contains the summary of the Petitions filed by IPGCL and PPCL for True up of FY 2020-21, ARR & determination of Tariff for FY 2022-23 (based on projections).
- 1.3 The True-up for FY 2020-21, ARR and Tariff for FY 2022-23 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. Plant Availability Factor
    - ii. Station Heat rate
  - b. Auxiliary Energy Consumption
  - c. Operation and Maintenance (O&M) expenses
  - d. Return on Capital Employed
  - e. Depreciation
  - f. Income Tax.
- 1.4 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, however, the complete Petition is also available on DERC website <http://www.derc.gov.in>

**B. TRUE-UP OF FY 2020-21 AND ARR & TARIFF FOR FY 2022-23**

- 1.5 The Generating Companies IPGCL and PPCL have submitted the operational parameters for True-up of FY 2020-21, as follows:

**Table 1: Generation Plants Performance Parameters for FY 2020-21**

Station	Parameter	Particulars	BPR* Value	Petitioner's Submission
GTPS	Availability (%)		85.00	87.21
	SHR (kCal/kWh)	Combined Cycle	2450	2467
		Open Cycle	3125	3493
	Aux. Consumption (%)	Combined Cycle	2.75	4.44
Open Cycle		1.00		
PPS-I	Availability (%)		85.00	92.03
	SHR (kCal/kWh)	Combined Cycle	2000	1980
		Open Cycle	2900	3102
	Aux. Consumption (%)	Combined Cycle	2.75	2.26
Open Cycle		1.00		

\*DERC (Business Plan) Regulations, 2019

- 1.6 The Generating Companies IPGCL and PPCL have submitted the following Fixed Cost for the True-up of FY 2020-21 as follows:

**Table 2: Fixed Cost for GTPS and PPS I Station for FY 2020-21**

Sr. No.	Particular	Unit	GTPS	PPS I
1.	Return on Capital Employed	Rs. Crores	27.66	65.09
2.	Depreciation	Rs. Crores	0.91	13.83
3.	Operation and Maintenance Expenses	Rs. Crores	99.65	99.28
<b>4.</b>	<b>Annual Fixed Cost</b>	<b>Rs. Crores</b>	<b>128.21</b>	<b>178.20</b>
5.	Net Generation	(MU)	438.253	1500.696
<b>6.</b>	<b>Fixed Cost/Unit</b>	<b>(Rs./kWh)</b>	<b>2.925</b>	<b>1.187</b>

- 1.7 The Generating Company IPGCL and PPCL have submitted the following operational parameters for FY 2022-23 as follows:

**Table 3: Generation Plant Performance Parameters for FY 2022-23**

Station	Parameter	Particulars	FY 2022-23
GTPS	Availability (%)		85
	SHR (kCal/kWh)	Combined Cycle	2450
		Open Cycle	3125
Aux. Consumption (%)	Combined Cycle	2.75	
PPS-I	Availability (%)		85
	SHR (kCal/kWh)	Combined Cycle	2000
		Open Cycle	2900
Aux. Consumption (%)	Combined Cycle	2.75	

- 1.8 The Generating Companies IPGCL and PPCL have submitted the following Fixed Costs for FY 2022-23 as follows:

**Table 4: Fixed Cost for FY 2022-23**

<b>Sr. No.</b>	<b>Particular</b>	<b>Unit</b>	<b>GTPS</b>	<b>PPS I</b>
1	Return on Capital Employed	Rs. Crores	24.65	74.79
2	Depreciation	Rs. Crores	11.15	14.28
3	Operation and Maintenance Expenses	Rs. Crores	28.58	81.91
<b>4</b>	<b>Annual Fixed Cost</b>	<b>Rs. Crores</b>	<b>64.37</b>	<b>170.97</b>
5	Net Generation	MU	651.71	2389.608
<b>6</b>	<b>Fixed Cost/Unit</b>	<b>(Rs./kWh)</b>	<b>0.99</b>	<b>0.715</b>