

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 2021-22 and determination of Aggregate Revenue Requirement (ARR) & Tariff for FY 2023-24.
- 1.2 This Executive Summary contains the summary of the Petitions filed by IPGCL and PPCL for Approval for True up of FY 2021-22, ARR & determination of Tariff for FY 2023-24 (*based on projections*).
- 1.3 The True-up for FY 2021-22, ARR and Tariff for FY 2023-24 shall be based on the provisions of DERC (Terms and Conditions for Determination of Tariff) Regulations, 2017, *DERC (Business Plan) Regulations, 2019* and *DERC (Business Plan) Regulations, 2023* 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 Petitions are also available on DERC website <http://www.derc.gov.in>

B. TRUE-UP OF FY 2021-22 AND ARR & TARIFF FOR FY 2023-24

- 1.5 The Generating Companies IPGCL and PPCL have submitted the Operational Parameters for True-up of FY 2021-22, as follows:

Table 1: Generation Plants Performance Parameters for FY 2021-22

| Station | Parameter | Particulars | Petitioner's Submission |
|---------|----------------------|----------------|-------------------------|
| GTPS | Availability (%) | | 68.00 |
| | SHR (kCal/kWh) | Combined Cycle | 2528 |
| | | Open Cycle | 3434 |
| | Aux. Consumption (%) | | 5.89 |
| PPS-I | Availability (%) | | 93.83 |
| | SHR (kCal/kWh) | Combined Cycle | 1976 |
| | | Open Cycle | 3099 |
| | Aux. Consumption (%) | | 2.24 |

- 1.6 The Generating Companies, IPGCL and PPCL have submitted the following Fixed Cost for True-up of FY 2021-22:

Table 2: Fixed Cost for GTPS and PPS-I Station for FY 2021-22

| Sr. No. | Particular | Unit | GTPS | PPS I |
|---------|------------------------------------|-------------------|--------------|---------------|
| 1. | Return on Capital Employed | Rs. Crores | 7.16 | 62.37 |
| 2. | Depreciation | Rs. Crores | 2.98 | 14.35 |
| 3. | Operation and Maintenance Expenses | Rs. Crores | 28.65 | 148.38 |
| 4. | Annual Fixed Cost | Rs. Crores | 38.79 | 225.10 |
| 5. | Net Generation | (MU) | 208.28 | 1489.27 |
| 6. | Fixed Cost/Unit | (Rs./kWh) | 1.862 | 1.511 |

- 1.7 The Generating Companies, IPGCL and PPCL have submitted the following operational parameters for FY 2023-24:

Table 3: Generation Plant Performance Parameters for FY 2023-24

| Station | Parameter | Particulars | FY 2023-24 |
|---------|------------------|----------------|------------|
| GTPS | Availability (%) | | 80 |
| | SHR (kCal/kWh) | Combined Cycle | 2600 |
| | | Open Cycle | 3578 |

| Station | Parameter | Particulars | FY 2023-24 |
|---------|----------------------|----------------|------------|
| PPS-I | Aux. Consumption (%) | Combined Cycle | 3.50 |
| | | Open Cycle | 1.00 |
| | Availability (%) | | 85 |
| | SHR (kCal/kWH) | Combined Cycle | 2030 |
| | | Open Cycle | 3150 |
| | Aux. Consumption (%) | Combined Cycle | 3.00 |
| | | Open Cycle | 1.00 |

- 18 The Generating Companies, IPGCL and PPCL have submitted the following Fixed Costs for FY 2023-24:

Table 4: Fixed Cost for FY 2023-24

| Sr. No. | Particular | Unit | GTPS | PPS I |
|---------|------------------------------------|-------------------|--------------|---------------|
| 1 | Return on Capital Employed | Rs. Crores | 23.87 | 91.50 |
| 2 | Depreciation | Rs. Crores | 5.79 | 17.41 |
| 3 | Operation and Maintenance Expenses | Rs. Crores | 33.11 | 119.26 |
| 4 | Annual Fixed Cost | Rs. Crores | 62.77 | 228.17 |
| 5 | Net Generation | MU | 610.31 | 2389.99 |
| 6 | Fixed Cost/Unit | (Rs./kWh) | 1.03 | 0.95 |