

ASSAM POWER GENERATION CORPORATION LIMITED

NOTICE

The Assam Power Generation Corporation Limited (APGCL), a State Generating Company has filed a Petition [Petition No 08/2022] before the Hon'ble Assam Electricity Regulatory Commission (Hon'ble Commission) for approval of capital cost and Projected Aggregate Revenue Requirement for FY 2022-23 to FY 2056-57 and determination of levelized tariff for FY 2022-23 to FY 2056-57 of Myntriang Small Hydro Electric Plant (MSHEP). This petition is regarding the energy proposed to be generated and supplied to the Assam Power Distribution Company Limited (APDCL) for the aforementioned financial years by APGCL as per the provisions of the Electricity Act, 2003 (EA 2003) and Regulations made under the Act.

The Hon'ble Commission has admitted the said Petition and directed APGCL to publish a Notice giving the salient features of the Petitions for ARR and Levelized Tariff under Section 64(2) of the Electricity Act, 2003. The salient features of the Petitions are provided below:

Petition No. 08/2022 for determination of Capital Cost, Aggregate Revenue Requirement and Levelized Tariff for FY 2022-23 to FY 2056-57 for Myntriang Small Hydro Electric Plant of APGCL

Table 1: Capital Cost for MSHEP (Rs. Crore)

Fund Source	Expenditure as on COD 04.03.2022	Addition during Year	Total Project Cost
Equity funded project by APGCL and Govt. of Assam	125.48	4.32	129.81

Table 2: Aggregate Revenue Requirement for FY 2022-23 to FY 2056-57 (Rs. Crore)

Particulars	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40
Projection																		
Power Generation (MU)																		
Gross Generation	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22
Net Generation	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68
Auxiliary Consumption Loss %	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Fixed Charges (Rs. Crore)																		

Particulars	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40
	Projection																	
Operation & Maintenance Expenditure	4.81	5.09	5.38	5.69	6.01	6.36	6.72	7.11	7.51	7.94	8.40	8.88	9.38	9.92	10.49	11.09	11.72	12.39
Interest & Finance Charges	7.81	7.40	6.84	6.28	5.72	5.16	4.60	4.05	3.49	2.93	2.37	1.81	1.25	0.90	0.75	0.60	0.45	0.30
Interest on working Capital	0.54	0.55	0.55	0.56	0.56	0.57	0.57	0.58	0.58	0.59	0.60	0.61	0.62	0.56	0.58	0.60	0.63	0.65
Depreciation	6.07	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	1.67	1.67	1.67	1.67	1.67
Return on Equity	6.48	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59
Less: Other Income	0.00	0.00	0.00	0.00	0.00	0.00	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 Fixed Charges	25.72	25.80	25.53	25.28	25.06	24.85	24.66	24.49	24.34	24.22	24.13	24.06	24.02	19.64	20.08	20.55	21.06	21.60
Total Revenue Requirement	25.72	25.80	25.53	25.28	25.06	24.85	24.66	24.49	24.34	24.22	24.13	24.06	24.02	19.64	20.08	20.55	21.06	21.60

Particulars	FY 41	FY 42	FY 43	FY 44	FY 45	FY 46	FY 47	FY 48	FY 49	FY 50	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57
	Projection																
Power Generation (MU)																	
Gross Generation	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22	53.22
Net Generation	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68	52.68
Auxiliary Consumption Loss %	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Fixed Charges (Rs. Crore)																	
Operation & Maintenance Expenditure	13.10	13.85	14.64	15.48	16.37	17.30	18.29	19.34	20.44	21.61	22.85	24.16	25.54	27.00	28.54	30.18	31.90
Interest & Finance Charges	0.14	0.03	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	0.00
Interest on working Capital	0.68	0.71	0.74	0.77	0.81	0.85	0.89	0.93	0.98	1.02	1.07	1.13	1.18	1.24	1.31	1.37	1.45
Depreciation	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
Return on Equity	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59
Less: Other Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Particulars	FY 41	FY 42	FY 43	FY 44	FY 45	FY 46	FY 47	FY 48	FY 49	FY 50	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57
	Projection																
Total Fixed Charges	22.19	22.86	23.65	24.52	25.44	26.41	27.44	28.53	29.68	30.90	32.19	33.55	34.99	36.51	38.11	39.81	41.61
Total Revenue Requirement	22.19	22.86	23.65	24.52	25.44	26.41	27.44	28.53	29.68	30.90	32.19	33.55	34.99	36.51	38.11	39.81	41.61

Table 3: Average Tariff Rate for FY 2022-23 to FY 2056-57 (Rs / KWh)

Particulars	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40
	Projection																	
Total Capacity Charge (Rs. Crore)	12.86	12.90	12.77	12.64	12.53	12.42	12.33	12.24	12.17	12.11	12.06	12.03	12.01	9.82	10.04	10.28	10.53	10.80
Monthly Capacity Charge (Rs. Crore /Month)	1.07	1.07	1.06	1.05	1.04	1.04	1.03	1.02	1.01	1.01	1.01	1.00	1.00	0.82	0.84	0.86	0.88	0.90
Energy charges (Rs. / kWh)	2.44	2.45	2.42	2.40	2.38	2.36	2.34	2.32	2.31	2.30	2.29	2.28	2.28	1.86	1.91	1.95	2.00	2.05
Per unit cost of generation (Rs/KWh)	4.88	4.90	4.85	4.80	4.76	4.72	4.68	4.65	4.62	4.60	4.58	4.57	4.56	3.73	3.81	3.90	4.00	4.10

Particulars	FY 41	FY 42	FY 43	FY 44	FY 45	FY 46	FY 47	FY 48	FY 49	FY 50	FY 51	FY 52	FY 53	FY 54	FY 55	FY 56	FY 57
	Projection																
Total Capacity Charge (Rs. Crore)	11.09	11.43	11.82	12.26	12.72	13.21	13.72	14.27	14.84	15.45	16.09	16.77	17.49	18.25	19.06	19.91	20.81
Monthly Capacity Charge (Rs. Crore /Month)	0.92	0.95	0.99	1.02	1.06	1.10	1.14	1.19	1.24	1.29	1.34	1.40	1.46	1.52	1.59	1.66	1.73
Energy charges (Rs. / kWh)	2.11	2.17	2.24	2.33	2.41	2.51	2.60	2.71	2.82	2.93	3.05	3.18	3.32	3.46	3.62	3.78	3.95
Per unit cost of generation (Rs/KWh)	4.21	4.34	4.49	4.65	4.83	5.01	5.21	5.42	5.63	5.87	6.11	6.37	6.64	6.93	7.23	7.56	7.90

Table 4: Levelised Tariff for FY 2022-23 to FY 2056-57

Levelised Tariff	=	$\frac{\sum \text{Discounted Tariff}}{\sum \text{Discount factor}}$	=
			<div style="background-color: #00a0e3; color: white; padding: 5px; display: inline-block; border-radius: 5px;"> For 35 Years 4.74 </div>

Further, the Commission has directed that copy of the Petition and other relevant documents be made available to consumers and other interested parties at the Office of the Chief General Manager (G), APGCL, Bijulee Bhawan, Paltanbazar, Ghy-1. Accordingly, the documents may be collected from the concerned office by paying **Rs. 300/- (Rupees Three Hundred only)** by DD/cash in favour of the Deputy General Manager (F&A), O/o the M.D., APGCL by the consumers and other interested parties.

A copy of the petition is also available on the website of the Commission www.aerc.nic.in and on the website of APGCL www.apgcl.org.

The Commission has further directed that any person who intends to file objections or comments on the proposed ARR and Tariff Petition of MSHEP may do so by filing statement of objections or comments before the Secretary, Assam Electricity Regulatory Commission with copies of relevant documents and evidence in support thereof along with the affidavit as in Form-2 of Assam Electricity Regulatory Commission (Conduct of Business) Regulations, 2004. Such objections or comments shall be submitted in 5 (Five) copies by registered post or in person, which should reach **the Secretary, Assam Electricity Regulatory Commission, ASEB Campus, Dwarandhar, G.S Road, Sixth Mile, Guwahati-22** within 7 days of publication of this notice in the newspaper. A copy of the filing submitted to the Secretary, AERC should also be made available within the aforesaid date to the Managing Director, APGCL, Bijulee Bhawan, Guwahati-1 positively and proof of such submission shall be furnished to the Commission. Also, soft copy of the submission in Word format should be emailed to the Hon'ble Commission at aerc_ghy@hotmail.com and to APGCL at info@apgcl.org within the aforesaid date.

The Commission may hear the person filing objections or comments at the venue and date as may be determined by the Commission. The date and place shall be notified later. Person filing objections or comments on the Petitions may also indicate whether they would like to be heard by the Commission in person.

Sd/-
Chief General Manager (G)
APGCL, Guwahati