

Pro-forma for furnishing Actual annual performance/operational data for the Gas/Liquid Fuel based thermal generating stations for the 5 year period from 2017-18 to 2021-22

	Particulars	Units	2017-18	2018-19	2019-20	2020-21	2021-22
1	Name of Company		North Eastern Electric Power Corporation Limited (NEEPCO LTD.)				
2	Name of Station		Assam Gas Based Power Station (AGBPS)				
3	Installed Capacity and Configuration	MW	291 MW, (6 X 33.5 +3 X 30) Combined Cycle Gas Based				
	Stage						
3.1	Date of Commercial Operation - Unit Wise	GTG-1	1-May-1995				
		GTG-2	1-May-1995				
		GTG-3	1-Jul-1995				
		GTG-4	1-Aug-1995				
		GTG-5	1-Apr-1997				
		GTG-6	1-Apr-1997				
		STG-1	1-Apr-1999				
	STG-2	1-Apr-1999					
	STG-3	1-Apr-1999					
3.2	Effective COD		1-Apr-1999 (291 MW)				
4	Make of Turbine		Make of GTG # 1 to 4: M/s Mitsubishi Heavy Industries Ltd., Make of GTG # 5, 6 & STG # 1 to 3: M/s BHEL				
5	Rated Steam Parameters		Inlet Steam Pressure= 41 Ata, Inlet Steam Temperature = 470 Degree C				
6	Average site ambient conditions		Average daily Maximum Temp. =27.7 Degree C Average daily Minimum Temp. =18.7 Degree C Annual Mean Relative Humidity = 83 %				
7	Any other Site specific feature		No				
8	Fuels :						
8.1	Main/Primary Fuel		Natural Gas				
8.1.1	Annual Allocation/ Requirement	MMSCMD	Allocation: 1.4 MMSCMD, Requirement: 1.70 MMSCMD				
8.1.2	Sources of supply		M/S Oil India Limited , Duliajan, District-Dibrugarh, Assam				
8.1.3	Transportation Distance of the station from the Sources of supply	KM	12 KM				
8.1.4	Mode of Transport		Pipeline				
8.2	Alternate Fuel :						
8.2.1	Annual Allocation/ Requirement	Million Cubic meter or MT or Kilo Litre	NA				
8.2.2	Sources of supply		NA				
8.2.3	Transportation Distance of the station from the Sources of supply	KM	NA				
8.2.4	Mode of Transport		NA				
8.2.5	Maximum Station capability to stock secondary fuels	KL	NA				
9	Cost of Spares :						
9.1	Cost of Spares capitalized in the books	(Rs. Lakhs)	8470.60				

9.2	Cost of spares included in capital cost for the purpose of tariff	(Rs. Lakhs)	NIL. Cost of Spares not included in the tariff as the same was disallowed in the truing up petition for the period 01.04.2014 to 31.03.2019. Further, in the projected CERC petition cost of spares was also not allowed citing the reason that the same may please be allowed at the time of truing up based upon the consumption of spares.					
10	Generation :							
10.1	Actual Gross Generation at generator terminals	MU	1598.5119	1639.45454	1704.028622	1570.187943	1787.09525	
10.1.1	Total	MU						
10.1.2	On Gas	MU	1598.5119	1639.45454	1704.028622	1570.187943	1787.09525	
10.1.3	On Naphtha or any other liquid fuel	MU						
10.2	-Actual Net Generation Ex-bus	MU	1558.08733	1596.42404	1660.70019	1529.678748	1748.15239	
10.3	-Scheduled Generation Ex-bus	MU	1471.74337	1509.868185	1576.795523	1461.624224	1714.390222	
11	Average Declared Capacity (DC)	MW	177.0	182.1	196.5	182.9	202.4	
12	Actual Auxiliary Energy Consumption excluding colony consumption & agency power	MU	38.5136	41.97428	42.93599	39.02369	37.98231	
13	Actual Energy supplied to Colony from the station and Agency Power	MU	1.9584	1.05792	0.7478	1.4253	0.8928	
14	Main/Primary Fuel :							
14.1	Consumption	(MSCM, MT or KL) - Specify						
14.1.1	Natural Gas	APM Gas	SCM	358727784	352150752	360738285	352007957	364199618
		Non-APM Gas	SCM	77158369	93294867	120499214	106586491	155771312
14.1.2	RLNG		SCM	NA	NA	NA	NA	NA
14.1.3	Liquid Fuel		KL	NA	NA	NA	NA	NA
14.2	Weighted Gross Calorific Value (GCV)							
14.2.1	Natural Gas (as received)		kCal/SCM	9117.423	9081.53	9262.8954	9145.746787	9181.5587
14.2.2	RLNG (as received)		kCal/SCM	NA	NA	NA	NA	NA
14.2.3	Liquid fuel (as received)		kCal/Lt.	NA	NA	NA	NA	NA
14.3	Weighted Average Landed Price							
14.3.1	APM Gas		Rs. /1000 SCM	4609.06	5855.53	6471.03	4190.34	4679.78
14.3.2	Non-APM Gas		Rs. /1000 SCM	7482.97	9535.29	10578.5	6790.67	8083.70
14.3.3	RLNG		Rs. /1000 SCM	NA	NA	NA	NA	NA
14.3.4	Liquid Fuel		Rs./KL	NA	NA	NA	NA	NA
14.4	Percentage of Declared Capacity							
14.4.1	APM Gas		%	NA	NA	NA	NA	NA
14.4.2	Non-APM Gas		%	NA	NA	NA	NA	NA
14.4.3	RLNG		%	NA	NA	NA	NA	NA
14.4.4	Liquid Fuel		%	NA	NA	NA	NA	NA
14.5	Actual Average stock maintained for liquid fuel							
			(KL)	NA	NA	NA	NA	NA
15	Alternate Fuel : RLNG/Liquid							
15.1	Consumption		KL/SCM	NA	NA	NA	NA	NA
	Weighted Average Gross Calorific		(kCal /Lt. or SCM)	NA	NA	NA	NA	NA
15.3	Weighted Average Landed Price		(Rs per KL/SCM)	NA	NA	NA	NA	NA
15.4	Actual Average stock		KL	NA	NA	NA	NA	NA
16	Weighted average duration of outages(Unit-wise details)							
16.1	Planned Outages	GTG1	(Days)	0.0	0.0	0.0	8.2	0.0
		GTG2	(Days)	0.0	0.0	0.0	3.3	26.4
		GTG3	(Days)	32.7	0.0	0.0	18.2	0.0
		GTG4	(Days)	0.0	20.5	0.0	5.3	0.0
		GTG5	(Days)	14.7	0.0	29.7	48.9	0.0

		GTG6	(Days)	13.0	10.7	0.0	75.3	10.4
		STG1	(Days)	0.0	0.7	5.1	12.8	25.3
		STG2	(Days)	0.0	0.0	0.0	12.1	6.5
		STG3	(Days)	0.0	0.0	0.0	11.3	0.0
16.2	Forced Outages	GTG1	(Days)	7.9	3.9	5.8	1.0	0.6
		GTG2	(Days)	1.2	10.3	10.1	2.3	1.6
		GTG3	(Days)	4.0	2.2	16.6	10.8	2.3
		GTG4	(Days)	16.6	4.7	8.6	0.9	1.5
		GTG5	(Days)	1.5	1.7	40.5	11.4	61.0
		GTG6	(Days)	20.0	25.8	11.5	12.4	5.3
		STG1	(Days)	16.4	20.8	7.8	2.7	3.4
		STG2	(Days)	18.2	16.5	14.2	4.8	16.8
		STG3	(Days)	2.1	27.5	19.3	6.3	2.4
		16.3	Number of tripping	GTG1	Nos.	9	6	6
GTG2	Nos.			11	16	30	28	21
GTG3	Nos.			15	19	12	15	8
GTG4	Nos.			15	14	24	10	12
GTG5	Nos.			9	23	11	20	5
GTG6	Nos.			10	15	15	12	6
STG1	Nos.			16	24	17	17	9
STG2	Nos.			21	24	10	20	14
		STG3	Nos.	8	12	17	19	8
16.4	Number of start-ups		Nos.	147	208	151	178	96
16.4.1	Cold Start-up		Nos.	55	67	48	43	17
16.4.2	Warm Start-up		Nos.	32	38	33	35	4
16.4.3	Hot start-up		Nos.	60	103	70	100	43
17	Cost of spares consumed		Rs. Lakhs	1636.15	1958.15	2447.12	5366.80	2694.97
18	Average stock of spares		Rs. Lakhs	3809.21	4093.5	4324.74	4597.28	4657.88
19.	NOx and other particulate matter							
19.1	Design value		mg/Nm ³	150 PPM				
19.2	Actual emission		mg/Nm ³	44	46	49	57	52
20	Number of employees deployed in							
20.1	- Executive		Nos.	97	94	91	87	84
20.2	- Non Executive		Nos.	165	157	144	139	131
20.3	Corporate Office		Nos.	88	80	77	51	46
21	Man-MW ratio		Man/MW	1.201754185	1.137079675	1.073174413	0.950672166	0.897314843

Notes:

1. List of beneficiaries/customers along with allocation by GoI including (allocation of unallocated share) / capacity as contracted shall also be furnished separately.
2. In case of two or more alternate fuels, information should be furnished for each of the alternate fuel. Gross generation on generator terminal for different fuel may be based on estimates.
3. In case of two or more stages or two or more unit sizes, information should be furnished separately to the extent possible.
4. A brief write-up on the methodology to arrive at the performance & operation parameters should also be furnished.
5. Any relevant point or a specific fact having bearing on above performance or operating parameters may also be highlighted or brought to the notice of the Commission.
6. If RLNG , Non APM gas or Liquid fuel is alternate fuel then details should be given under head Alternate fuel.
7. The declared capacity for peak and off peak period should be given separately for high and low demand season as per respective RLDC.

PLANT AVAILABILITY/SCHEDULED PLANT LOAD FACTOR ACHIEVED

Generating company: North Eastern Electric Power Corporation Limited (NEEPCO LTD.)

Name of Generating station: Assam Gas Based Power Station (AGBPS)

Installed Capacity (MW) : 291

Normative Annual Plant Availability Factor (%) approved by Commission : 72.00 %

Plant Availability Factor Achieved (%)						
Month	2017-18	2018-19	2019-20	2020-21	2021-22	Reasons for shortfall in PAF achieved vis-a-vis NAPAF
April	53.34	44.58	66.88	70.54	64.51	Less availability of Gas.
May	71.57	64.58	72.70	72.08	79.59	Less availability of Gas.
June	70.40	55.77	69.75	63.80	78.56	Less availability of Gas.
July	66.38	65.29	73.57	47.20	74.39	Less availability of Gas.
August	55.73	65.85	66.77	43.74	67.33	Less availability of Gas.
September	60.83	50.79	59.21	57.47	68.94	Less availability of Gas.
October	66.01	71.98	58.77	70.73	66.16	Less availability of Gas.
November	52.16	75.91	77.88	62.92	70.95	Less availability of Gas.
December	55.06	75.54	60.94	63.59	72.91	Less availability of Gas.
January	74.73	71.54	76.45	75.79	70.48	Less availability of Gas.
February	65.10	63.58	77.99	74.70	72.48	Less availability of Gas.
March	57.12	63.93	72.75	73.78	71.99	Less availability of Gas.
Annual	62.38	64.20	69.44	64.62	71.52	
Plant Load Factor Achieved (%)						
Month	2017-18	2018-19	2019-20	2020-21	2021-22	Reasons for shortfall in PLF achieved vis-a-vis Target PLF
April	53.84	45.06	64.99	63.94	64.38	Less availability of Gas, URS.
May	71.07	65.07	68.98	65.12	78.32	Less availability of Gas, URS.
June	69.70	55.67	67.44	58.42	77.40	Less availability of Gas, URS.
July	66.04	64.67	68.20	44.29	72.71	Less availability of Gas, URS.
August	55.93	65.72	62.04	41.80	66.98	Less availability of Gas, URS.
September	61.29	51.17	54.07	54.04	68.18	Less availability of Gas, URS.
October	66.53	72.23	56.56	67.20	65.38	Less availability of Gas, URS.
November	52.74	76.42	76.60	60.50	68.74	Less availability of Gas, URS.
December	55.85	76.22	60.25	62.63	68.83	Less availability of Gas, URS.
January	75.77	71.49	75.22	74.85	66.81	Less availability of Gas, URS.
February	65.86	63.46	76.45	74.12	72.13	Less availability of Gas, URS.
March	57.76	63.57	69.69	73.16	71.53	Less availability of Gas, URS.
Annual	62.71	64.31	66.66	61.60	70.11	Less availability of Gas, URS.

Annexure-VI (C)**DETAILS OF WATER CHARGES****Name of the Company:**

North Eastern Electric Power Corporation Limited (NEEPCO LTD.)

Name of the Power Station and Stage/Phase:

Assam Gas Based Power Station (AGBPS)

(Rs. In Lakhs)

Sl.No.	ITEM	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7
(A)	Plant					
1	Type of Plant	Combined cycle Gas Based Power Station				
2	Type of Cooling Tower	Induced drought				
3	Type of Cooling Water System	Closed Circuit				
4	Any Special Features which may increase/reduce water consumption					
(B)	Quantum of Water : (Cubic Meter)					
5	Contracted Quantum	NA	NA	NA	NA	NA
6	Allocation of Water	NA	NA	NA	NA	NA
7	Actual water Consumption	1606140	2038263	1911127	1503590	1995763
8.	Rate of Water Charges	Water Cess paid till Jun 2017 as per bills received from Pollution Control Board, Assam.				
9	Other charges/Fees , if paid as part of Water Charges	NIL	NIL	NIL	NIL	NIL
	Total water Charges Paid					

Note:

Any abnormal increase in Water consumption & water Charges on any year shall be explained separately

Annexure VI (D)

DETAILS OF OPERATIONS AND MAINTENANCE EXPENSES

Name of the Company: North Eastern Electric Power Corporation Limited

Name of the Power Station or Transmission Region: Assam Gas Based Power Station

(Rs. In Lakhs)

Sl. No.	ITEM	2017-18	2018-19	2019-20	2020-21	2021-22	
1	2	3	4	5	6	7	
(A)	Details of Capital Spares in opening Stock	NIL	NIL	NIL	NIL	NIL	We don't have opening stock of capital spares in terms of values. As per the policy, spares having value more than INR 5 lacs considers as Capital Spares and value of the same charged to the capital account/Asset as capital spares. The said spares are considered to be as a Non-valuated items.
1	...						
2	...						
3	...						
4	...						
	...						
(B)	Details of Capital Spares procured during the year	1444.12	770.56	3377.68	2478.08	400.16	Value of the spares indicated here has got capitalized in the books of accounts as per the spares capitalization policy of the corporation.
1	...						
2	...						
3	...						
4	...						
	...						
(C)	Details of capital spares consumed during the year	86.29	989.57	502.16	3826.11	1353.47	Spares consumed on the basis of MIN issued.
1	...						
2	...						
3	...						
4	...						
	...						
(D)	Details of capital spares closing at the end of the	NIL	NIL	NIL	NIL	NIL	We don't have closing stock of capital spares in terms of values. As per the policy, spares having value more than INR 5 lacs considers as Capital Spares and value of the same charged to the capital account/Asset as capital spares. The said spares are considered to be as a Non-valuated items.
1	...						
2	...						
3	...						
4	...						

Details of actual O&M expenses (Common for Hydro /Thermal Generating Station)

Sl. No.	Item	Unit	2017-18	2018-19	2019-20	2020-21	2021-22
1	Consumption of stores & spares		1549.86	968.58	1944.95	1540.70	1341.50
2	Repair & Maintenance		2199.63	1822.57	1655.11	2272.67	1738.90
3	Insurance		112.32	114.75	250.262	1002.33	843.68
4	Security		294.21	372.79	408.56	337.65	329.04
4.1	CISF		0				
4.2	Other than CISF		0				
5	Water Charges						0.41
6	Administrative Expenses						
6.1	Rent						
6.2	Electricity charges		9.75	9.43	445.84	80.90	77.75
6.3	Travelling & Conveyance		28.41	31.07	21.05	4.64	15.31
6.4	Communication Expenses		8.28	4.04	9.79	4.12	3.39
6.5	Advertising		32.49	28.90	16.13	5.57	0.1
6.6	Foundation Laying & Inauguration						
6.7	Donation						
6.8	Entertainment						
6.9	Filing fee		406.52	187.91	2,172.05	209.94	347.45
	Subtotal (Administrative Expenses)		4641.46	3540.04	6923.75	5458.52	4697.54
7	Employee Cost						
7.1.1	Salaries, Wages & Allowances		4056.14	5039.04	4746.22	4215.43	4178.44
7.1.1.1	Salaries, Wages & Allowances (including loco pilots and man power associated with stone and metal picking charges and water pumping)						
7.1.1.2	Salaries, Wages & Allowances (Excluding loco pilots and man power associated with stone and metal picking charges and water pumping)						
7.1.1.3	Loco pilots						
7.1.1.4	Stone and metal picking						
7.1.1.5	Water pumping						
7.1.2	Pension		254.82	272.53	285.68	272.67	310.00
7.1.3	Gratuity		1327.08	225.56	156.42	147.30	141.32
7.1.4	Provident Fund		360.46	381.44	388.96	395.36	352.61
7.1.5	Leave Encashment		615.07	364.97	5.11	311.93	639.36
7.2	Staff welfare expenses		38.65	23.99	26.93	284.80	
7.2.1	Medical expenses on superannuated employees						
7.2.2	Medical expenses on regular employees & others		118.48	149.69	144.90	112.64	89.53
7.2.3	Uniform/Livries & safety equipment				1.26		
7.2.4	Canteen expenses						
7.2.5	Other staff welfare expenses						
	Subtotal (Staff welfare Expenses)						
7.3	Productivity linked Incentive						
7.4	Expenditure on VRS						
7.5	Ex-gratia						
7.6	Performance Related Pay(PRP)		185.38	22.65	9.73	14.53	80.02
	Sub Total (Employee Cost)		6956.07	6479.89	5765.21	5754.66	5791.28
8	Loss of Store						
9	Provisions						
10	Prior Period Expenses						
11	Corporate Office expenses allocation						
12	Others				0.53		
12.1	Rates & Taxes		25.17	18.83	12.70	13.14	14.42
12.2	Water cess						
12.3	Training & recruitment expenses		11.54	14.27	19.48	56.35	25.90
12.4	Tender Expenses						
12.5	Guest house expenses		17.78	22.77	29.27	25.89	26.94
12.6	Education expenses		108.50	146.79	160.99	157.47	155.00
12.7	Community Development Expenses						
12.7.1	CSR activities		62.40	21.08	69.08	48.62	56.34
12.8	Ash utilisation expenses						
12.9	Books & Periodicals						
12.1	Professional Charges		1.64	0.04	14.96	0.06	58.81
12.11	Legal expenses		20.98	5.40	3.63	0.83	0.13
12.12	EDP Hire & other charges		18.88	32.24	14.12	19.40	14.60
12.13	Printing & Stationery		8.09	5.87	13.27	4.48	3.33
12.14	RLDC Fee & Charges						
12.15	Brokerage & Commission						

12.16	Bank charges		22.39	4.10	1.14	7.86	9.65
12.17	Claims/advances written off						
12.18	Hiring of vehicle						
12.19	Payment to auditors		0.15	0.15	0.056	0.05	0.14
12.2	Misc. Expenses						
	(Break-up Of Misc.)						
12.20.1	Horticulture						
12.20.2	Transport- Vehicle Running exp.		86.41	102.47	102.15	92.10	118.68
12.20.3	Hire charges & Operating Exp -Construction equipment						
12.20.4	- Tree Plantation exp.						
12.20.5	- R&D expenses						
12.20.6	Other Vehicles						
12.20.7	Consumption-HSD/LDO-(Ind/Imp)-DG Set						
12.20.8	Exp/ Inc from Inv Diff						
12.20.9	Loss on sale of Investments						
12.20.10	Operating exp of diesel generating sets						
12.20.11	Furnishing Expenses		0.05		0.33		3.14
12.20.12	Subscription to Trade and Other Association						
12.20.13	Hire Charges - Helicopter/Aircraft						
12.20.14	Visa & Entry Permit Charges - Overseas						
12.20.15	FX Monitoring Terminal Expenses						
12.20.16	Works/Conf.(Excl train R&D CENPEEP)Earlier Non FBT						
12.20.17	Workshop/Conf. Exp (train R&D CENPEEP) Earlier FBT						
12.20.18	Hire charges - Office equipment						
12.20.19	Payment for health club etc						
12.20.20	Gifts liable for Fringe Benefit Tax						
12.20.21	Festival expenses liable Earlier (FBT)						
12.20.22	Miscellaneous Expenses		14.01	13.62	13.53		11.46
12.20.23	Rounding Off Difference						
12.20.24	Regional Power Committee Expenses						
12.20.25	Misc Exp. trf to CSR and IEDC						
12.20.26	Specify other sub head, if any.						
	Sub Total (Others)						
13	(Total 1 to 12)		11995.52	10407.57	13144.19	11639.44	10987.36
14	Revenue / Recoveries		220.76	61.42	283.11	114.095	1284.29
15	Net Expenses		11774.76	10346.15	12861.09	11525.34	9703.07
	Total O&M Cost						

i) Ash Utilisation Expenses	(Rs. Crore)																			
AFC	(Rs./ kWh)	1.586145	1.481546	1.40116	1.4233768	1.339851	1.784518	1.7188209	1.410389	1.5200543	1.515665	1.665609	1.806174	2.3621706	2.262207	2.204834193	1.91894824	2.098826736	1.816174	
Energy Charge (Rs./Kwh)	(Rs./kWh)						0.78725	1.34575	1.530583	1.742	1.977	2.208	2.322	1.405	1.445	1.806	2.019	2.041	1.881	
Supplemental Energy Charges - Emission Control	(Rs./kWh)																			
Total tariff	(Rs. kWh)						2.535258	3.1502705	2.976791	3.1304772	3.675398	3.8283	4.052	3.384	3.403	3.917	4.194	3.387	3.49	
Revenue realisation before tax	(Rs. Crore)	357.28	377.96	329.65	341.7															
Revenue realisation after tax	(Rs. Crore)																			
Profit/ loss	(Rs. Crore)	85.39	51.03	7.88	59.63															
DSM Generation	(MU)							3.5990	3.6390	16.2050	13.0920	16.1950	50.6370	108.9560	86.7600	87.2160	83.6450	68.7430	34.2630	
DSM Rate	(Rs/kWh)																			
Revenue from DSM	(Rs. Crore)							0.0852784	0.243755	1.4379947	0.892068	2.000676	7.524896	15.900415	15.717	12.319	15.247	15.015	8.197	
Compensation received for operation below NAPAF																				
Part load Compensation received from beneficiariaes																				
Amount received from SCED	(Rs Crore)																			

Generating Companies are required to submit data for all generating stations
This is a general format. Plants of different fuel users have to fill the cells as applicable to them.
Tariff for the Hydro may be understood as composite tariff.
The data provided for the corresponding years need to mention as Actual or provisional.
Data for each Unit and Stage is required to be submitted in additional sheets as per the format

DETAILS OF EMISSION CONTROL SYSTEM

Generating company: North Eastern Electric Power Corporation Limited (NEEPCO LTD.)
Name of Generating station: Assam Gas Based Power Station (AGBPS)
Installed Capacity (MW) : 291
Type of Emission Control System:
Under Operation/Anticipated Operation Date:

S.No.	Particulars	Units	2017-18	2018-19	2019-20	2020-21	2021-22	
A								
1	Gross Generation	MU	1598.512	1639.455	1704.029	1570.188	1787.095	
2	Auxiliary Consumption - emission control (Actual)	MU	38.5136	41.97428	42.93599	39.02369	37.98231	
	Auxiliary Consumption - emission control (Actual)	%	2.41	2.56	2.52	2.49	2.13	
3	Auxiliary Consumption (Normative)	%	2.5	2.5	2.75	2.75	2.75	
4	Hours of Operation (Nine units)	Hrs	60851:29	61932:39	66087:40	62730:47	69997:21	
5	O&M Expenses (Actual) with Breakup as per format	Rs. Crore						
6	Other maintenace spares consumed^	Rs. Crore	15.50	9.69	19.45	15.41	13.41	O&M spares consumed on the reporting date
7	Initial Spares consumed*	Rs. Crore	NIL	NIL	NIL	NIL	NIL	We don't have capital inventory lying in the stock since the commising of the project.

Pls. Note: Where the system is yet not operational guaranteed parameter along with spares cost as per awarded contract to be furnished

* Not part of O&M expenses and Pls specify list of the same

S.No.	Particulars	Units	2017-18		2018-19		2019-20		2020-21		2021-22	
			Investment Approval	Approved*	Investment Approval	Approved*	Investment Approval	Approved*	Investment Approval	Approved*	Investment Approval	Approved*
1	Capital Cost of Emission Control System											
1.1	Hard Cost	Rs. Crore										
1.1.1	Civil Works	Rs. Crore										
1.1.2	Plant and Machinery and others	Rs. Crore										
1.1.3	Initial Spares procured	Rs. Crore										
1.2	IDC	Rs. Crore										
1.3	IEDC	Rs. Crore										
1.4	Others. Pls specify	Rs. Crore										
1.4	Completed Cost	Rs. Crore										

* Wherever cost is yet to be approved by CERC and for which petition has been filed the actual claimed shall be submitted.

* Where the work is still under execution utility to submit the details of awarded cost