

Parameters at Bihar level

Power Purchase (kWh)	
CENTRAL	3,35,40,44,657
STATE	34,46,13,163
OTHER	-
Interstate transmission loss in % (Approved in Tariff Order for FY 2024-25)	3.14%
Intra state loss in % (Approved in Tariff Order for FY 2024-25)	3.00%
Distribution Loss in % (Target DL from Tariff Order for FY 2024-25)	16.17%
ABR at Bihar level for FY 2024-25 (from the Tariff Order for FY 24-25)	9.18
FPPAS Calculation for Bihar DISCOMs	
A	3,69,86,57,820
B	69,22,64,175
C	(0.08)
D	3,54,71,02,092
E	4,10,77,08,333
(A-B)*C + (D-E)	(80,14,80,570)
Z	2,79,32,76,418
Z*(1-DL%)*ABR	21,49,59,21,246
FPPAS % for nth Month (November 2024)	-3.73%

Parameter	Data Source
A = Total units procured in (n)th Month (in kWh) from all Sources including Long-term, Medium -term and Short-term Power purchases	Power purchase related bills issued by the Generating companies to the distribution licensees
B = bulk sale of power from all Sources in nth Month. (in kWh)	Provisional accounts to be issued by State Load Dispatch Centre by the 10th day of each month
C = Incremental Average Power Purchase Cost	Actual average Power Purchase Cost (APPC) from all Sources in (n)th month (Rs./ kWh) - Projected average Power Purchase Cost (APPC) from all Sources (Rs./ kWh) (from Tariff Order)
D = Actual inter-state and intra-state Transmission Charges in the (n)th Month	Bills raised by Transcos to Discom) (in Rs.)
E = Base Cost of Transmission Charges for (n)th Month	(Approved Transmission Charges/ 12) (in Rs.)
Z = [{Actual Power purchased from all the sources outside the State in (n)th Month (in kWh)* (1 - Interstate transmission losses in % / 100) + Power purchased from all the sources within the State(in kWh)}*(1 - Intra state losses in % /100) - B] in kWh	
ABR = Average Billing Rate for the year	ABR data from the Tariff Order in Rs/kWh)
Distribution Losses (in %)	Target Distribution Losses (from Tariff Order)
Inter-state transmission Losses (in %)	As per "Tariff Order"
Intra-state transmission losses (in %)	

S.No.	Generating Station	Central/State	kWh	Amount Rs.	kWh	Amount Rs.	kWh	Amount Rs.	kWh	Amount Rs.	Rsl/kWh
1	NABINAGAR POWER GENERATION COMPANY LIMITED	CENTRAL	38,46,74,162.80	1,93,55,99,917.00	45,15,74,017.20	2,27,22,21,293.87	83,62,48,180.00	4,20,78,17,210.87	19,57,98,667.39	5.03	
2	BHARTIYA RAIL BIJLEE COMPANY LIMITED	CENTRAL	1,53,31,708.00	9,00,67,387.00	1,79,98,092.00	10,57,31,280.39	3,33,29,800.00	19,57,98,667.39	5.87		
3	NTPC (BARAUNI-I)	STATE	13,46,81,933.75	61,38,38,567.00	15,81,04,878.75	72,05,93,100.39	29,27,86,812.50	1,33,44,31,667.39	4.56		
4	NTPC (BARAUNI-II)	CENTRAL	17,35,00,478.15	1,06,10,43,155.00	20,36,74,474.35	1,26,90,50,660.22	37,71,74,952.50	2,35,00,93,816.22	6.23		
5	NTPC (BARH-I)	CENTRAL	18,29,14,367.80	1,06,59,92,536.00	21,47,25,562.20	1,27,48,60,803.13	39,76,39,930.00	2,36,08,53,339.13	5.94		
6	NTPC (BARH-II)	CENTRAL	9,67,59,836.20	28,06,60,534.00	11,35,87,633.80	32,94,71,061.65	21,03,47,470.00	61,01,31,996.65	2.90		
7	NTPC (DARLUPALL)	CENTRAL	6,31,23,341.30	33,20,09,505.00	7,41,01,313.70	38,97,50,288.48	13,72,24,655.00	72,17,59,793.48	5.26		
8	NTPC (FARAKKA - I & II)	CENTRAL	1,49,43,487.55	8,54,71,780.00	1,75,42,354.95	10,03,36,437.39	3,24,85,842.50	18,58,08,217.39	5.72		
9	NTPC (FARAKKA - III)	CENTRAL	-	-	-	-	-	-	-		
10	NTPC (KORWA - III)	CENTRAL	-	-	-	-	-	-	-		
11	NTPC (KAHALGAUN - I)	CENTRAL	1,06,94,296.20	4,27,90,783.00	1,25,54,173.80	5,02,32,658.30	2,32,48,470.00	9,30,23,441.30	4.00		
12	NTPC (KAHALGAUN - II)	CENTRAL	1,32,23,154.25	4,76,07,605.00	1,55,22,833.25	5,58,87,188.48	2,87,45,987.50	10,34,94,793.48	3.60		
13	NTPC (NOKTHI KARANPURA)	CENTRAL	16,60,80,582.70	63,27,57,229.00	19,49,64,162.30	74,28,01,964.48	36,10,44,745.00	1,37,55,59,193.48	3.81		
14	NTPC (TALCHAR)	CENTRAL	10,70,48,084.65	30,15,60,367.00	12,56,65,142.85	35,40,05,648.22	23,27,13,227.50	65,55,66,015.22	2.82		
15	NTPC (KBIJUNI-II)	CENTRAL	4,66,54,156.80	31,60,31,592.00	5,47,67,923.20	37,09,93,608.00	10,14,22,080.00	68,70,25,200.00	6.77		
16	NTPC (NCTPS-I)	CENTRAL	-	-	-	-	-	-	-		
17	NTPC (NCTPS-II)	CENTRAL	-	-	-	-	-	-	-		
18	GMR KAMALANGA ENERGY LIMITED	CENTRAL	7,58,48,403.18	25,11,09,232.66	8,90,39,429.82	29,47,80,403.55	16,48,87,833.00	54,58,89,636.21	3.31		
19	JINDAL INDIA THERMAL POWER LIMITED	CENTRAL	7,48,00,951.90	26,80,66,803.63	8,78,09,813.10	31,46,87,117.30	16,26,10,765.00	58,27,53,920.93	3.58		
20	NEPAL ELECTRICITY AUTHORITY (HYDROELECTRIC)	CENTRAL	-	-	-	-	-	-	-		
21	NHPC (RANGIT)	CENTRAL	52,12,087.96	2,13,40,979.06	61,18,538.04	2,50,52,453.68	1,13,30,626.00	4,63,93,432.75	4.09		
22	NHPC (TEESTA)	CENTRAL	-	-	-	-	-	-	-		
23	EAST GANDAK H.E.PROJECT, VALMIKINAGAR	STATE	(15,134.00)	(37,683.66)	(17,766.00)	(44,237.34)	(32,900.00)	(81,921.00)	2.49		
24	TRIVENI S.H. PROJECT, TRIVENI (VALMIKINAGAR)	STATE	(193.20)	(481.07)	(226.80)	(564.73)	(420.00)	(1,045.80)	2.49		
25	SONE EASTERN H.E. PROJECT, BARUN	STATE	(3,450.00)	(8,590.50)	(4,050.00)	(10,084.50)	(7,500.00)	(18,675.00)	2.49		
26	SONE WESTERN H.E. PROJECT, DEHRI-ON-SONE	STATE	(8,050.00)	(20,044.50)	(9,450.00)	(23,530.50)	(17,500.00)	(43,575.00)	2.49		
27	SONE WESTERN H.E. PROJECT, KOSI	STATE	(22,126.00)	(55,093.74)	(25,974.00)	(64,675.26)	(48,100.00)	(1,19,769.00)	2.49		
28	AGNOOR S.H. PROJECT, AGNOOR	STATE	(207.00)	(515.43)	(243.00)	(605.07)	(450.00)	(1,120.50)	2.49		
29	DHELABAGH S.H.PROJECT, DHELABAGH	STATE	530.84	1,321.79	623.16	1,551.67	1,154.00	2,873.46	2.49		
30	NASHRIGANJ S.H.PROJECT, NASHRIGANJ	STATE	485.30	1,208.40	569.70	1,418.55	1,055.00	2,626.95	2.49		
31	JAINAGRAH S.H.PROJECT, JAINAGRAH	STATE	-	-	-	-	-	-	-		
32	SRIKHINDA S.H. PROJECT, SRIKHINDA	STATE	-	-	-	-	-	-	-		
33	SEBARI S.H.PROJECT, SEBARI	STATE	-	-	-	-	-	-	-		
34	ARWAL S.H.PROJECT, ARWAL	STATE	-	-	-	-	-	-	-		
35	BEL SAR S.H.PROJECT, BELSAR	STATE	-	-	-	-	-	-	-		
36	TIRUPATI SUGAR LIMITED	STATE	-	-	-	-	-	-	-		
37	HARINAGAR SUGAR MILL	STATE	-	-	-	-	-	-	-		
38	HASANPUR SUGAR MILL	STATE	-	-	-	-	-	-	-		
39	BHARAT SUGAR MILL	STATE	-	-	-	-	-	-	-		
40	HPCL BIOPUELS LIMITED, SUGAULI	STATE	-	-	-	-	-	-	-		
41	HPCL BIOPUELS LIMITED, LAURIVA	STATE	-	-	-	-	-	-	-		
42	NEW SWADESHI SUGAR MILL	STATE	-	-	-	-	-	-	-		
43	RIGA SUGAR COMPANY LIMITED	STATE	-	-	-	-	-	-	-		
44	BIHAR DISTILLERS AND BOTTLERS PRIVATE LIMITED	STATE	6,37,974.00	47,29,493.91	7,48,926.00	55,52,014.59	13,86,900.00	1,02,81,508.50	7.41		
45	SIDDHASHRAM RICE MILL CLUSTER PVT. LTD	STATE	-	-	-	-	-	-	-		
46	GLATT SOLUTION PRIVATE LIMITED	STATE	2,11,906.67	14,87,584.81	2,48,760.00	17,46,295.21	4,60,666.67	32,33,880.02	7.02		
47	SECI (FOCAL)	CENTRAL	6,82,804.88	40,35,375.92	8,01,553.32	47,37,180.43	14,84,358.00	87,72,556.35	5.91		
48	SECI (VIVID SOLAIRE ENERGY PVT. LTD.)	CENTRAL	35,14,534.55	88,56,627.07	41,25,757.95	1,03,96,910.03	76,40,292.50	1,92,53,537.10	2.52		
49	SECI (GREEN INFRA WIND ENERGY PVT. LTD.)	CENTRAL	43,90,766.70	1,10,20,824.42	51,54,378.30	1,29,37,489.53	95,45,145.00	2,39,58,313.95	2.51		
50	SECI (MORAR WINDFARMS PVT. LTD.)	CENTRAL	22,37,318.10	48,88,540.05	26,26,416.90	57,38,720.93	48,63,735.00	1,06,27,280.98	2.19		
51	SECI (GREENCO SIRON WIND POWER PVT. LTD.)	CENTRAL	62,62,060.50	1,69,70,183.96	73,51,114.50	1,99,21,520.30	1,36,13,175.00	3,88,91,704.25	2.71		
52	PTC (OSTRO KUTCH WIND PRIVATE LIMITED)	CENTRAL	28,86,266.55	1,01,88,520.92	33,88,225.95	1,19,60,437.60	62,74,492.50	2,21,48,958.53	3.53		
53	PTC (GREEN INFRA RENEWABLE ENERGY LIMITED)	CENTRAL	34,30,262.55	1,21,08,826.80	40,26,829.95	1,42,14,709.72	74,57,092.50	2,63,23,536.53	3.53		
54	PTC (TALA)	CENTRAL	-	-	-	-	-	-	-		
55	PTC (CHUKHA)	CENTRAL	-	-	-	-	-	-	-		

126

56	PTC (MANGDECHHU)	CENTRAL	1,24,57,448.60	5,74,28,838.05	1,46,23,961.40	6,74,16,462.05	2,70,81,410.00	12,48,45,300.10	4.61
57	TATA POWER (SHORT TERM)	CENTRAL	-	-	-	-	-	-	-
58	PTC (SHORT TERM)	CENTRAL	-	-	-	-	-	-	-
59	PTC (MATHRAH VAYU SABARMATT PRIVATE LIMITED)	CENTRAL	28,98,286.20	1,02,30,946.76	34,02,334.80	1,20,10,241.84	63,00,620.00	2,22,41,188.60	3.53
60	PTC(IEEX) DAM	CENTRAL	-	-	-	-	-	-	-
61	PTC (IEEX) RTM	CENTRAL	-	-	-	-	-	-	-
62	PTC (IEEX) TAM	CENTRAL	-	-	-	-	-	-	-
63	PTC (PXLD) TAM	CENTRAL	-	-	-	-	-	-	-
64	PTC (IEEX) GDAM	CENTRAL	-	-	-	-	-	-	-
65	PTC (IEEX) GTAM	CENTRAL	-	-	-	-	-	-	-
66	T-GNA	CENTRAL	-	3,03,00,477.85	-	3,55,69,774.00	-	6,58,69,951.85	-
67	ERRC UI DSM	CENTRAL	-	-	-	-	-	-	-
68	SECI (ALFANAR ENERGY PVT. LTD.)	CENTRAL	22,85,142.00	57,58,557.84	26,82,558.00	67,60,046.16	49,67,700.00	1,25,18,604.00	2.52
69	SECI (OSTRO KANNADA POWERPRIVATE LIMITED)	CENTRAL	1,32,78,596.75	2,90,13,731.71	1,55,87,916.75	3,40,59,598.10	2,88,66,512.50	6,30,73,329.81	2.19
70	SB ENERGY SIX PRIVATE LIMITED	CENTRAL	2,47,95,610.00	6,62,04,278.70	2,91,07,890.00	7,77,18,056.30	5,39,03,500.00	14,39,22,345.00	2.67
71	RESPONCE RENEWABLE ENERGY PRIVATE LIMITED	STATE	5,73,420.67	40,25,413.09	6,73,146.00	47,29,484.93	12,46,566.67	87,50,898.02	7.02
72	ALFA INFRA PROP PVT. LTD.	STATE	10,42,866.00	82,07,348.00	12,24,232.83	96,34,712.87	22,67,097.83	1,78,42,080.87	7.87
73	SECI (RENEW SUNWAVES PRIVATE LIMITED)	CENTRAL	2,46,04,563.72	6,44,63,957.00	2,88,83,618.28	7,56,75,079.95	5,34,88,182.00	14,01,39,036.96	2.62
74	SECI (GRT JEWELLERS)	CENTRAL	83,27,783.65	2,16,52,237.00	97,76,093.85	2,54,17,843.43	1,81,03,877.50	4,70,70,080.43	2.60
75	AVANTIKA CONTRACTOR (I) PVT. LTD.	STATE	2,14,590.00	16,50,197.10	2,51,910.00	19,37,187.90	4,66,500.00	35,87,385.00	7.69
76	WELSPUN I	STATE	4,81,571.45	41,89,672.00	5,65,323.01	49,18,310.61	10,46,894.46	91,07,982.61	8.70
77	WELSPUN II	STATE	7,47,224.00	64,56,015.00	8,77,176.00	75,78,800.22	16,24,400.00	1,40,34,815.22	8.64
78	WELSPUN III	STATE	7,34,024.57	62,83,250.00	8,61,681.02	73,75,988.13	15,95,705.99	1,36,59,239.13	8.56
79	UDITA ENERGY AND EQUIPMENT PRIVATE LIMITED	STATE	2,43,422.80	19,42,514.00	2,85,757.20	22,80,342.52	5,29,180.00	42,22,856.52	7.98
80	SUNMARK ENERGY PROJECT LIMITED	STATE	5,48,853.60	38,52,952.27	6,44,306.40	45,23,030.93	11,93,160.00	83,75,983.20	7.02
81	ACME (MAGADH)	STATE	5,40,725.40	47,20,533.00	6,34,764.60	55,41,495.26	11,75,490.00	1,02,62,028.26	8.73
82	ACME (NALANDA)	STATE	7,37,541.00	64,38,732.93	8,65,809.00	75,58,512.57	16,03,350.00	1,39,97,245.50	8.73
83	AZURE POWER ERIS PVT. LTD.	STATE	-	-	-	-	-	-	-
84	AVADA POWER ERIS PVT.LTD	STATE	62,495.67	2,59,357.00	73,364.48	3,04,482.57	1,35,860.15	5,63,819.57	4.15
85	ADANI SOLAR ENERGY	STATE	1,36,01,850.40	3,69,97,033.00	1,59,67,389.60	4,34,31,299.61	2,95,69,240.00	8,04,28,332.61	2.72
86	avada clean sustainable enery pvt ltd	STATE	35,09,800.23	1,09,15,478.73	41,20,200.28	1,28,13,822.86	76,30,000.51	2,37,29,301.59	3.11
87	PTC(KURUCHU)	CENTRAL	-	-	-	-	-	-	-
88	PGCIL	-	-	79,06,37,959.22	-	92,81,40,213.00	-	1,71,87,78,172.22	-
89	BSPTCL	-	-	64,36,54,651.00	-	75,55,94,590.30	-	1,39,92,49,241.30	-
90	BGCL	-	-	15,66,60,667.00	-	18,39,06,000.36	-	34,05,66,667.39	-
91	SLDC	-	-	71,83,135.00	-	84,32,375.87	-	1,56,15,510.87	-
92	ERLDC (POSOCO)	-	-	32,30,372.15	-	37,92,176.00	-	70,22,548.15	-
	TOTAL:-		1,70,13,82,597.14	9,44,24,68,076.89	1,99,72,75,222.73	11,08,46,36,438.09	3,69,86,57,819.88	20,52,71,04,514.98	5.55
	APPC Incl. Tx charge (Approved in the Tariff Order for FY 24-25 dtd 01.03.2024)								5.63

(Increase)/Decrease (0.08)

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