

Parameters at Bihar level

Power Purchase (kWh)	
CENTRAL	3,25,91,50,969
STATE	45,67,67,543
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	3,78,42,66,658
B	93,27,99,000
C	(0.18)
D	3,08,55,48,576
E	4,10,77,08,333
(A-B)*C + (D-E)	(1,53,08,74,880)
Z	2,57,23,74,736
Z*(1-DL%)*ABR	19,79,59,51,588
FPPAS % for nth Month (December 2024)	-7.73%

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 %)	

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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	27,29,62,180.70	1,66,17,27,963.00	32,04,33,864.30	1,97,42,02,379.61	59,33,96,045.00	3,65,59,30,332.61	3,65,59,30,332.61	6.16	
2 BHAKTIYA RAIL BULBE COMPANY LIMITED	CENTRAL	1,52,01,461.30	9,57,10,228.00	1,78,45,193.70	1,17,25,585.04	3,30,46,695.00	20,80,55,713.04	20,80,55,713.04	6.30	
3 NTPC (BARAUNI-I)	STATE	13,94,28,221.80	70,10,46,513.00	16,36,76,608.20	82,29,67,645.70	30,51,04,830.00	1,52,40,14,158.70	1,52,40,14,158.70	5.03	
4 NTPC (BARAUNI-II)	CENTRAL	18,24,03,619.45	1,11,72,17,202.00	21,41,25,988.05	1,31,15,15,845.83	39,65,29,807.50	2,42,87,33,047.83	2,42,87,33,047.83	6.12	
5 NTPC (BARH-I)	CENTRAL	26,99,33,621.20	1,35,48,13,388.00	31,68,78,598.80	1,59,04,33,084.17	58,68,12,220.00	2,94,52,46,452.17	2,94,52,46,452.17	5.02	
6 NTPC (BARH-II)	CENTRAL	9,18,33,574.30	5,04,86,377.70	10,78,04,630.70	31,84,77,951.78	19,96,38,205.00	58,97,73,944.78	58,97,73,944.78	2.95	
7 NTPC (DARJILING)	CENTRAL	5,04,86,377.70	28,86,64,834.00	5,92,66,617.30	33,88,67,413.83	10,97,52,995.00	62,75,32,247.83	62,75,32,247.83	5.72	
8 NTPC (PARAKKA - I & II)	CENTRAL	1,29,53,505.70	9,67,93,218.00	1,52,06,289.30	11,38,26,821.13	2,81,59,795.00	21,04,20,039.13	21,04,20,039.13	7.47	
9 NTPC (PARAKKA - III)	CENTRAL	-	-	-	-	-	-	-	-	
10 NTPC (KORWA - III)	CENTRAL	-	-	-	-	-	-	-	-	
11 NTPC (KAHALGAON - I)	CENTRAL	1,18,94,254.50	5,04,94,106.00	1,39,62,820.50	5,92,75,689.65	2,58,57,075.00	10,97,89,795.65	10,97,89,795.65	4.25	
12 NTPC (KAHALGAON - II)	CENTRAL	1,32,96,028.60	6,32,16,749.00	1,56,08,381.40	6,24,77,835.78	2,89,04,410.00	11,56,88,584.78	11,56,88,584.78	4.00	
13 NTPC (NORTH KARANPURA)	CENTRAL	17,84,64,935.00	63,89,60,483.00	20,95,02,315.00	75,00,84,045.26	38,79,67,250.00	1,38,90,44,528.26	1,38,90,44,528.26	3.58	
14 NTPC (TALCHAR)	CENTRAL	11,54,49,758.10	31,16,07,737.00	13,55,27,878.90	36,57,93,343.43	25,09,77,735.00	67,73,95,080.43	67,73,95,080.43	2.70	
15 NTPC (KBUND-I)	CENTRAL	3,73,48,309.65	29,77,48,496.00	4,38,43,667.85	34,95,30,843.13	8,11,91,977.50	64,72,79,359.13	64,72,79,359.13	7.97	
16 NTPC (NCTPS-I)	CENTRAL	-	-	-	-	-	-	-	-	
17 NTPC (NCTPS-II)	CENTRAL	-	-	-	-	-	-	-	-	
18 GMR KAMAL ANGA ENERGY LIMITED	CENTRAL	8,57,01,976.70	27,35,59,515.10	10,06,06,668.30	32,11,35,082.94	18,63,08,645.00	59,46,94,598.04	59,46,94,598.04	3.19	
19 JINDAL INDIA THERMAL POWER LIMITED	CENTRAL	7,73,03,609.50	27,48,20,454.65	9,07,47,715.50	32,26,15,316.33	16,80,51,325.00	59,74,35,770.98	59,74,35,770.98	3.56	
20 NEPAL ELECTRICITY AUTHORITY	CENTRAL	-	-	-	-	-	-	-	-	
21 NHPC (RANGIT)	CENTRAL	30,93,934.70	1,61,29,626.55	36,32,010.30	1,89,34,778.99	67,25,945.00	3,50,64,405.55	3,50,64,405.55	5.21	
22 NHPC (TEESTA)	CENTRAL	-	-	-	-	-	-	-	-	
23 EAST GANDAK HE PROJECT, VALMIKINAGAR	STATE	1,28,385.08	3,19,678.85	1,50,712.92	3,75,275.17	2,79,098.00	6,94,954.02	6,94,954.02	2.49	
24 TRIVENI S.H. PROJECT, TRIVENI (VALMIKINAGAR)	STATE	(331.66)	(925.83)	(388.34)	(969.46)	(721.00)	(1,795.29)	(1,795.29)	2.49	
25 SONE EASTERN H.E. PROJECT, BARUN	STATE	(3,818.00)	(9,506.82)	(4,482.00)	(11,160.18)	(8,300.00)	(20,667.00)	(20,667.00)	2.49	
26 SONE WESTERN H.E. PROJECT, DEHRI-ON-SONE	STATE	(6,900.00)	(17,181.00)	(8,100.00)	(20,169.00)	(15,000.00)	(37,350.00)	(37,350.00)	2.49	
27 SONE WESTERN H.E. PROJECT, KOSI	STATE	(22,034.00)	(54,864.66)	(25,666.00)	(64,406.34)	(47,900.00)	(1,19,271.00)	(1,19,271.00)	2.49	
28 AGNOOR S.H. PROJECT, AGNOOR	STATE	(224.94)	(560.10)	(264.05)	(657.51)	(489.00)	(1,217.61)	(1,217.61)	2.49	
29 DHELIABAGH S.H. PROJECT, DHELIABAGH	STATE	(989.00)	(2,462.61)	(1,161.00)	(2,890.89)	(2,150.00)	(5,353.50)	(5,353.50)	2.49	
30 NASHRIGANI S.H. PROJECT, NASHRIGANI	STATE	(1,449.00)	(3,608.01)	(1,701.00)	(4,235.49)	(3,150.00)	(7,943.50)	(7,943.50)	2.49	
31 JAINAGRAH S.H. PROJECT, JAINAGRAH	STATE	-	-	-	-	-	-	-	-	
32 SRIKHINDA S.H. PROJECT, SRIKHINDA	STATE	(698.00)	(1,489.02)	(702.00)	(1,747.99)	(1,300.00)	(3,237.00)	(3,237.00)	2.49	
33 SEBARI S.H. PROJECT, SEBARI	STATE	(841.80)	(2,096.09)	(988.20)	(2,460.62)	(1,830.00)	(4,556.70)	(4,556.70)	2.49	
34 ARVAL S.H. PROJECT, ARVAL	STATE	(671.60)	(1,672.29)	(788.40)	(1,983.12)	(1,480.00)	(3,635.40)	(3,635.40)	2.49	
35 BELSAR S.H. PROJECT, BELSAR	STATE	(1,209.80)	(3,012.40)	(1,420.20)	(3,536.30)	(2,630.00)	(6,548.70)	(6,548.70)	2.49	
36 TIRUPATI SUGAR LIMITED	STATE	13,10,126.00	87,00,506.92	15,37,974.00	1,13,87,551.60	28,48,100.00	2,10,88,056.52	2,10,88,056.52	7.40	
37 HARINAGAR SUGAR MILL	STATE	36,70,340.00	2,23,89,074.00	43,08,660.00	2,62,82,826.00	79,79,000.00	4,86,71,900.00	4,86,71,900.00	6.10	
38 HASANPUR SUGAR MILL	STATE	17,43,455.20	1,26,67,484.75	20,46,664.80	1,48,58,786.45	37,90,120.00	2,75,16,271.20	2,75,16,271.20	7.26	
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	13,10,126.00	97,00,506.92	15,37,974.00	1,13,87,551.60	28,48,100.00	2,10,88,056.52	2,10,88,056.52	7.40	
45 SIDDHASHRAM RICE MILL CLUSTER PVT. LTD	STATE	-	-	-	-	-	-	-	-	
46 GLATT SOLUTION PRIVATE LIMITED	STATE	1,69,985.34	11,93,297.06	1,99,548.00	14,00,826.99	3,69,533.34	25,94,124.05	25,94,124.05	7.02	
47 SECI (FOCAL)	CENTRAL	6,86,962.94	40,59,950.81	8,06,434.76	47,66,029.21	14,93,397.70	88,25,980.01	88,25,980.01	5.91	
48 SECI (VIVID SOLAIRE ENERGY PVT. LTD.)	CENTRAL	41,73,830.70	1,05,18,053.36	48,99,714.30	1,23,47,280.04	90,73,545.00	2,28,65,333.40	2,28,65,333.40	2.52	
49 SECI (GREEN INPRA WIND ENERGY PVT. LTD.)	CENTRAL	1,13,87,899.38	2,85,83,627.44	1,33,68,403.62	3,35,54,693.09	2,47,56,303.00	6,21,38,320.53	6,21,38,320.53	2.51	
50 SECI (Mograj Windfarms Pvt. Ltd)	CENTRAL	44,45,107.88	1,28,46,361.77	52,18,170.12	1,50,80,511.65	96,63,278.00	2,79,28,873.42	2,79,28,873.42	2.89	
51 SECI (GREENCO SIRONI WIND POWER PVT. LTD.)	CENTRAL	78,16,757.00	2,11,83,411.47	91,76,193.00	2,48,67,483.03	1,69,92,950.00	4,60,50,894.50	4,60,50,894.50	2.71	
52 PTC (OSTRO KUTCH WIND PRIVATE LIMITED)	CENTRAL	73,67,754.45	2,60,08,173.21	86,49,103.05	3,05,31,333.77	1,60,16,857.50	5,65,39,506.98	5,65,39,506.98	3.53	
53 PTC (GREEN INPRA RENEWABLE ENERGY LIMITED)	CENTRAL	39,29,648.90	1,39,71,660.62	46,13,066.10	1,62,84,123.33	85,42,715.00	3,01,55,783.95	3,01,55,783.95	3.53	
54 PTC (TALA)	CENTRAL	-	-	-	-	-	-	-	-	
55 PTC (CHUKHA)	CENTRAL	-	-	-	-	-	-	-	-	
56 PTC (MANGDECHHU)	CENTRAL	8,55,372.30	39,43,266.30	10,04,132.70	46,29,051.75	18,59,505.00	85,72,318.05	85,72,318.05	4.61	
57 TATA POWER (SHORT TERM)	CENTRAL	-	-	-	-	-	-	-	-	
58 PTC (SHORT TERM)	CENTRAL	-	-	-	-	-	-	-	-	
59 PTC (MYTRAH VAYU SABARMATI PRIVATE LIMITED)	CENTRAL	34,33,252.55	1,21,19,381.50	40,30,339.95	1,42,27,100.02	74,63,592.50	2,63,46,481.53	2,63,46,481.53	3.53	
60 PTC (DEX) DAM	CENTRAL	-	-	-	-	-	-	-	-	
62 PTC (PXII) DAM	CENTRAL	1,97,340.00	11,40,604.00	2,31,660.00	13,38,969.91	4,29,000.00	24,79,573.91	24,79,573.91	5.78	

63	PTC (EXX) RTM	CENTRAL	4,46,047.28	30,54,622.00	5,23,620.72	35,85,860.61	9,69,668.00	66,40,482.61	6.95
64	PTC (EXX) RTM	CENTRAL	-	-	-	-	-	-	-
65	PTC (EXX) TAM	CENTRAL	-	-	-	-	-	-	-
66	PTC (EXX) TAM	CENTRAL	-	-	-	-	-	-	-
67	PTC (EXX) GDAM	CENTRAL	-	-	-	-	-	-	-
68	PTC (EXX) GTAM	CENTRAL	-	-	-	-	-	-	-
69	T-ONA	CENTRAL	-	-	-	-	-	-	-
70	ERPC UI DSM	CENTRAL	-	-	-	-	-	-	-
71	SECI (ALFANKAR ENERGY PVT. LTD)	STATE	53,47,586.48	1,34,75,917.93	62,77,601.52	1,58,19,555.83	1,16,25,188.00	2,92,95,473.76	2.52
72	SECI (OSTRO KANNADA POWERPRIVATE LMITEED)	STATE	1,63,82,993.38	4,73,46,860.87	1,92,32,209.62	5,55,81,085.80	3,56,15,203.00	10,29,27,936.67	2.89
73	NEPAL ELECTRICITY AUTHORITY (HYDROELECTRIC)	CENTRAL	-	-	-	-	-	-	-
74	SB ENERGY SIX PRIVATE LIMITED	CENTRAL	2,41,21,710.00	6,44,04,965.70	2,83,16,790.00	7,56,05,829.30	5,24,38,500.00	14,00,10,795.00	2.67
75	RESPONCE RENEWABLE ENERGY PRIVATE LIMITED	STATE	6,72,899.33	40,21,753.31	6,72,534.00	47,21,188.67	12,45,433.33	87,42,941.98	7.02
76	ALFA INFRA PROP PVT. LTD	STATE	10,92,062.00	-	12,81,986.83	-	23,74,047.83	-	-
77	SECI (RENEW SUDHAYAVES PRIVATE LIMITED)	STATE	2,38,87,289.40	6,25,84,698.00	2,80,41,600.60	7,34,68,993.30	4,19,28,890.00	13,60,53,891.30	2.62
78	SECI (GRT Jewellers)	STATE	1,06,84,263.60	2,77,79,085.00	1,25,42,396.40	3,26,10,230.22	2,32,26,660.00	6,03,89,315.22	2.60
79	AVANTIKA CONTRACTOR (I) PVT. LTD.	STATE	2,37,590.00	18,27,067.10	2,78,910.00	21,44,817.90	5,16,500.00	39,71,885.00	7.69
80	WALVAHANI	STATE	5,03,850.42	43,83,499.00	5,91,476.59	51,45,846.65	10,95,327.01	95,29,345.65	8.70
81	WALVAHANI II	STATE	7,54,630.00	65,20,003.00	8,85,870.30	76,53,916.67	16,40,500.00	1,41,73,919.67	8.64
82	WALVAHANI III	STATE	7,56,802.57	64,78,230.01	8,88,420.41	76,04,878.70	16,45,222.98	1,40,83,108.71	8.66
83	UDIPTA ENERGY AND EQUIPMENT PRIVATE LIMITED	STATE	2,47,185.60	19,72,541.00	2,90,174.40	23,15,691.61	5,37,360.00	42,88,132.61	7.98
84	SUNMARK ENERGY PROJECT LIMITED	STATE	5,66,213.60	39,04,619.47	6,52,946.40	45,83,683.73	12,09,160.00	84,88,303.20	7.02
85	ACME (MAGADH)	STATE	5,78,841.00	50,53,282.00	6,79,509.00	59,32,113.65	12,58,350.00	1,09,85,395.65	8.73
86	ACME (NALANDA)	STATE	7,89,291.00	68,90,510.43	9,26,559.00	80,88,980.07	17,15,660.00	1,49,79,370.50	8.73
87	AZURE POWER ERIS PVT. LTD.	CENTRAL	-	-	-	-	-	-	-
88	Avada power etis pvt ltd	CENTRAL	61,948.13	2,57,085.00	72,721.71	3,01,795.43	1,34,669.84	5,58,880.43	4.15
89	PGCIL	TRANSMISSION	-	58,69,36,220.00	-	68,90,12,094.35	-	1,27,59,48,304.35	-
90	BSPTCL	TRANSMISSION	-	66,53,41,950.00	-	78,10,53,593.48	-	1,44,63,95,643.48	-
91	BGCL	TRANSMISSION	-	15,66,60,667.00	-	18,39,06,000.39	-	34,05,66,667.39	-
92	SDDC	TRANSMISSION	-	71,83,135.00	-	84,32,375.87	-	1,56,15,510.87	-
	ERLDG (POSOCO)	TRANSMISSION	-	32,30,373.00	-	37,92,177.00	-	70,22,550.00	-
	PTC(KURUCHU)	CENTRAL	-	-	-	-	-	-	-
	Adant solar Energy	CENTRAL	1,19,58,666.92	3,25,27,574.00	1,40,38,435.08	3,81,84,543.39	2,51,97,102.00	7,07,12,117.39	2.72
	avada clean sustainable enery pvt ltd	STATE	36,56,539.71	1,13,71,838.48	42,92,459.65	1,33,49,549.53	79,48,999.36	2,47,21,388.01	3.11
	acme faladi	STATE	1,18,32,016.50	2,24,80,831.35	1,38,89,758.50	2,63,90,541.15	2,57,21,775.00	4,88,71,372.60	1.90
	acme raiser	STATE	1,59,51,591.12	3,03,08,023.13	1,87,25,780.88	3,56,78,983.67	3,46,77,372.00	6,58,87,006.80	1.90
	TOTAL:-		1,74,07,52,662.86	9,48,99,33,618.25	2,04,35,03,996.53	11,14,03,56,856.20	3,78,42,66,658.39	20,63,02,90,474.45	5.45
	APPC Incl 'X' charge (Approved in the Tariff Order for FY 24-25 dtd 01.03.2024)		-	-	-	-	-	-	5.63

(Increase)/Decrease

(0.18)

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