

Parameters at Bihar level

Power Purchase (kWh)	
CENTRAL	4,43,02,37,315
STATE	30,22,16,484
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 23-24 (from the Tariff Order for FY 24-25)	9.18
FPPAS Calculation for Bihar DISCOMs	
A	4,73,24,53,799
B	16,25,49,000
C	(0.34)
D	3,38,42,54,828
E	4,10,77,08,333
(A-B)*C + (D-E)	-2,27,72,21,136.66
Z	4,29,29,95,017
Z*(1-DL%)*ABR	33,03,71,46,694
FPPAS % for nth Month (March'2024)	-6.89%

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 %)	

20/11/24
7/10/24 NB

1/10/24
APPC
NBPDCL

15/10/24
SAUR
NB

128

Parameters at Bihar level	
Power Purchase (kWh)	4,430,237,315
CENTRAL	302,216,484
STATE	-
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)	18.17%
ABR at Bihar level for FY 2024-25 (from the Tariff Order for FY 24-25)	9.18
FPPAS Calculation for Bihar DISCOMs	
A	4,732,453,799
B	162,549,000
C	(0.34)
D	3,384,254,828
E	4,107,708,333
(A-B)/C + (D-E)	(2,289,625,905)
Z	4,292,995,017
Z*(1-DL)%/ABR	33,037,146,697
FPPAS % for nth Month (June 2024)	-6.93%

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 Actual average Power Purchase Cost
C = Incremental Average Power Purchase Cost	Bills raised by Transcos to Discom (in Rs.)
D = Actual inter-state and intra-state Transmission Charges in the (n)th Month	(Approved Transmission Charges/ 12) (in Rs.)
E = Base Cost of Transmission Charges for (n)th Month	
Z = $[(\text{Actual Power purchased from all the sources outside the State in (n)th Month (in kWh)} * (1 - \text{Interstate transmission losses in \% / 100}) + \text{Power purchased from all the sources within the State (in kWh)} * (1 - \text{Intra state losses in \% / 100}) - B]$	
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 %)	

vt (lcom)
AE (lcom)

S. No.	Generating Station	Central/State	NBPDDL			SBPDDL			Bihar			BERC approved Rate for FY25 in 10 dt. 01.03.2024	BERC approved Rate for True up of FY23 in 10 dt. 01.03.2024
			kWh	Amount Rs.	kWh	Amount Rs.	kWh	Amount Rs.	kWh	Amount Rs.			
1	NABINAGAR POWER GENERATION COMPANY LIMITED	CENTRAL	464,810,080	2,190,309,508	545,646,616	2,571,232,915	1,010,456,896	4,761,542,423	1,010,456,896	4,761,542,423	6.28	6.28	5.03
2	BHARTIYA RAIL BUILLIEE COMPANY LIMITED	CENTRAL	25,010,599	132,029,961	29,360,268	154,991,699	54,370,867	287,021,860	54,370,867	287,021,860	6.58	6.58	5.92
3	NTPC (BARAUNJI-I)	STATE	-	-	-	-	-	-	-	-	-	-	8.00
4	NTPC (BARAUNJI-II)	STATE	-	-	-	-	-	-	-	-	-	-	8.00
5	NTPC (BARH-I)	CENTRAL	128,125,549	543,820,489	150,409,427	638,397,965	278,535,376	1,182,218,454	278,535,376	1,182,218,454	6.55	6.55	4.86
6	NTPC (BARH-II)	CENTRAL	201,920,061	1,061,917,553	237,036,584	1,246,586,859	439,956,355	2,308,516,412	439,956,355	2,308,516,412	6.14	6.14	5.49
7	NTPC (DARLIPALLI)	CENTRAL	314,766,980	1,513,478,083	369,944,293	1,776,691,655	684,341,283	3,290,169,738	684,341,283	3,290,169,738	1.98	1.98	2.92
8	NTPC (FARAKKA - I & II)	CENTRAL	48,908,581	136,538,398	57,415,595	160,285,371	105,325,176	296,824,769	105,325,176	296,824,769	6.18	6.18	5.18
9	NTPC (FARAKKA - III)	CENTRAL	24,870,311	105,198,259	29,195,683	123,493,607	54,065,894	228,691,866	54,065,894	228,691,866	7.40	7.40	6.07
10	NTPC (KORWA - III)	CENTRAL	21,084,269	101,267,962	24,751,098	118,879,780	45,835,367	220,147,742	45,835,367	220,147,742	6.44	6.44	5.08
11	NTPC (KAHALGAON - I)	CENTRAL	11,610,431	95,863,498	13,629,637	123,250,691	25,240,068	219,114,189	25,240,068	219,114,189	4.98	4.98	4.01
12	NTPC (KAHALGAON - II)	CENTRAL	17,879,270	56,303,276	20,988,708	66,095,155	38,867,378	122,598,431	38,867,378	122,598,431	3.67	3.67	2.99
13	NTPC (NORTH KARANPURA)	CENTRAL	151,107,814	566,726,377	177,387,433	665,287,500	328,495,247	1,232,013,877	328,495,247	1,232,013,877	5.24	5.24	5.55
14	NTPC (TALCHAR)	CENTRAL	86,767,344	252,266,873	101,857,316	295,139,375	188,524,660	548,406,248	188,524,660	548,406,248	4.13	4.13	4.02
15	NTPC (KBUNL-II)	CENTRAL	67,633,204	354,484,577	79,395,500	416,134,073	147,028,704	770,618,650	147,028,704	770,618,650	4.34	4.34	4.22
16	NTPC (NCTPS-I)	CENTRAL	-	-	-	-	-	-	-	-	-	-	2.72
17	NTPC (NCTPS-II)	CENTRAL	-	-	-	-	-	-	-	-	-	-	2.49
18	GMR KAMALANGA ENERGY LIMITED	CENTRAL	-	-	-	-	-	-	-	-	-	-	6.36
19	JINDAL INDIA THERMAL POWER LIMITED	CENTRAL	82,164,603	296,273,217	96,454,089	347,922,255	178,618,702	644,195,472	178,618,702	644,195,472	5.10	5.10	5.10
20	NEPAL ELECTRICITY AUTHORITY	CENTRAL	74,642,371	266,796,659	87,623,653	313,196,077	162,266,024	579,992,736	162,266,024	579,992,736	5.14	5.14	4.02
21	NHPC (RANGIT)	CENTRAL	5,350,148	21,431,303	6,280,609	25,158,487	11,630,757	46,589,790	11,630,757	46,589,790	4.01	4.01	4.22
22	NHPC (TEESTA)	CENTRAL	-	39,530	-	46,405	-	86,935	-	86,935	-	-	2.57
23	EAST GANDAK H.E. PROJECT, VALMIKINAGAR	STATE	1,329,089	3,309,382	1,560,212	3,884,927	2,889,281	7,194,310	2,889,281	7,194,310	2.49	2.49	-
24	TRIVENI S.H. PROJECT, TRIVENI (VALMIKINAGAR)	STATE	209,743	522,259	248,219	613,087	455,962	1,135,345	455,962	1,135,345	2.49	2.49	-
25	SOME EASTERN H.E. PROJECT, BARUN	STATE	-	-	-	-	-	-	-	-	-	-	-
26	SOME WESTERN H.E. PROJECT, DEHRI-ON-SOME	STATE	275	684	322	803	597	1,487	597	1,487	2.49	2.49	-
27	SOME WESTERN H.E. PROJECT, KOSI	STATE	251,669	626,707	295,462	735,689	547,151	1,362,406	547,151	1,362,406	2.49	2.49	-
28	AGNOOR S.H. PROJECT, AGNOOR	STATE	-	-	-	-	-	-	-	-	-	-	-
29	DHELABAGH S.H. PROJECT, DHELABAGH	STATE	-	-	-	-	-	-	-	-	-	-	-
30	NASHRIGANJ S.H. PROJECT, NASHRIGANJ	STATE	-	-	-	-	-	-	-	-	-	-	-
31	JAINAGRAH S.H. PROJECT, JAINAGRAH	STATE	-	-	-	-	-	-	-	-	-	-	-
32	SRIKHANDA S.H. PROJECT, SRIKHANDA	STATE	-	-	-	-	-	-	-	-	-	-	-
33	SEBARI S.H. PROJECT, SEBARI	STATE	-	-	-	-	-	-	-	-	-	-	-
34	ARWAL S.H. PROJECT, ARWAL	STATE	-	-	-	-	-	-	-	-	-	-	-
35	BELSAAR S.H. PROJECT, BELSAAR	STATE	-	-	-	-	-	-	-	-	-	-	-
36	TIRUPATI SUGAR LIMITED	STATE	-	-	-	-	-	-	-	-	-	-	-
37	HARINAGAR SUGAR MILL	STATE	-	-	-	-	-	-	-	-	-	-	-
38	HASANPUR SUGAR MILL	STATE	-	-	-	-	-	-	-	-	-	-	-
39	BHARAT SUGAR MILL	STATE	-	-	-	-	-	-	-	-	-	-	-
40	HPCL BIOFUELS LIMITED, SUGAULI	STATE	-	-	-	-	-	-	-	-	-	-	-
41	HPCL BIOFUELS LIMITED, LAURRYA	STATE	-	-	-	-	-	-	-	-	-	-	-
42	NEW SWADESHI SUGAR MILL	STATE	-	-	-	-	-	-	-	-	-	-	-
43	RIGA SUGAR COMPANY LIMITED	STATE	-	-	-	-	-	-	-	-	-	-	-
44	BIHAR DISTILLERS AND BOTTLERS PRIVATE LIMITED	STATE	-	-	-	-	-	-	-	-	-	-	-
45	SIDDHSHRAM RICE MILL CLUSTER PVT. LTD	STATE	957,904	7,093,230	1,124,496	8,326,836	2,082,400	15,420,066	2,082,400	15,420,066	6.36	6.36	6.36
46	GLAIT SOLUTION PRIVATE LIMITED	STATE	-	-	-	-	-	-	-	-	-	-	-
47	SECI (FOCAL)	STATE	211,907	1,487,585	248,760	1,746,295	460,667	3,233,880	460,667	3,233,880	7.02	7.02	7.03
48	SECI (VIVID SOLAIRE ENERGY PVT. LTD.)	CENTRAL	682,905	4,035,376	801,553	4,737,179	1,484,358	8,772,555	1,484,358	8,772,555	5.91	5.91	5.92
49	SECI (GREEN INFRA WIND ENERGY PVT. LTD.)	CENTRAL	8,914,438	22,464,384	10,464,775	26,371,233	19,379,213	48,835,617	19,379,213	48,835,617	2.52	2.52	2.51
50	SECI (Mojjar Windfarms Pvt. Ltd)	CENTRAL	13,734,967	34,474,766	16,123,656	40,470,377	29,858,623	74,945,143	29,858,623	74,945,143	2.51	2.51	2.51
51	SECI (GREENKO SIRONJ WIND POWER PVT. LTD.)	CENTRAL	6,811,468	14,885,036	7,986,059	17,471,359	14,807,517	32,354,425	14,807,517	32,354,425	2.19	2.19	2.18
52	PTC (OSTRO KUTCH WIND PRIVATE LIMITED)	CENTRAL	15,189,773	41,164,284	17,851,472	48,323,289	33,021,245	89,487,873	33,021,245	89,487,873	3.90	3.90	3.90
53	PTC (GREEN INFRA RENEWABLE ENERGY LIMITED)	CENTRAL	7,085,308	25,011,136	8,317,555	29,360,889	15,402,843	54,372,035	15,402,843	54,372,035	3.53	3.53	3.38
54	PTC (TALA)	CENTRAL	8,183,743	28,688,612	9,607,002	33,912,717	17,790,745	62,801,329	17,790,745	62,801,329	3.53	3.53	3.38
55	PTC (CHUKHA)	CENTRAL	3,475,746	7,889,943	4,080,223	9,262,106	7,555,969	17,152,049	7,555,969	17,152,049	2.27	2.27	2.27
56	PTC (MANGDECHHU)	CENTRAL	11,922,727	36,245,090	13,998,245	42,548,585	25,918,972	78,793,675	25,918,972	78,793,675	3.04	3.04	3.04
57	TATA POWER (SHORT TERM)	CENTRAL	55,563,376	232,810,544	65,226,572	273,299,337	120,788,948	506,108,881	120,788,948	506,108,881	4.19	4.19	4.19
58	PTC (SHORT TERM)	CENTRAL	65,744,543	525,987,831	77,178,377	617,463,976	142,922,920	1,143,451,807	142,922,920	1,143,451,807	8.00	8.00	8.00
59	PTC (JITPL)	CENTRAL	49,533,375	396,192,829	58,147,875	465,095,930	107,681,250	861,288,759	107,681,250	861,288,759	8.00	8.00	8.00
60	PTC (SKS)	CENTRAL	-	-	-	-	-	-	-	-	-	-	-
61	PTC (MYTRAH VAYU SABARMATI PRIVATE LIMITED)	CENTRAL	7,994,852	28,221,827	9,385,261	33,129,971	17,380,113	61,351,798	17,380,113	61,351,798	3.53	3.53	3.38
62	PTC (IEX) DAM	CENTRAL	22,667,208	170,158,786	26,609,331	199,751,612	49,276,539	369,910,397	49,276,539	369,910,397	7.51	7.51	7.51
63	PTC (IEX) RTM	CENTRAL	41,007,205	254,022,131	48,136,892	296,199,890	89,146,097	552,222,021	89,146,097	552,222,021	6.19	6.19	6.19
64	PTC (IEX) / PXL) TAM	CENTRAL	6,083,017	68,582,767	7,140,933	80,510,205	13,223,950	49,092,972	13,223,950	49,092,972	11.27	11.27	11.27
65	PTC (IEX) GTAM	CENTRAL	-	-	-	-	-	-	-	-	-	-	-

for (NBPDDL)

