

Year 2013-14

SN	DISCOM	Consumption (MU)	Solar(0.5%)				Non - Solar(5.75%)				REMARK
			Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Solar Power (MU)	Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Non Solar Power (MU)	
1	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)	19553	97.7650	5.84	0	91.925	1124.2975	765.62	0	358.6775	Shortfall for both Solar & Non-Solar
2	Town Electrical Engineering Deptt.,BSP (TEED) #	199.643	0.9982	0.21946	0	0.779	11.479473	19.3894	0	-7.90993	Non-Compliance for both Solar & Non-Solar
3	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	712.38	3.5619	0	3.562	0.000	40.96185	0	40.962	-0.00015	Comply for both Solar & Non-Solar

Non-Solar Obligation is fulfilled by Co-generation

None of the DISCOM has fulfilled their RPO

Year 2014-15

SN	DISCOM	Consumption (MU)	Solar (0.75%)				Non-Solar (6%)				REMARK
			Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Solar Power (MU)	Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Non Solar Power (MU)	
1	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)	21964	164.73	29.677	0	135.05	1317.84	717.81	0	600.03	Non-Compliance for both Solar & Non-Solar
2	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	746.2753	5.60	0	5.60	0.00	44.7765	0	44.77652	0	Compliance for Solar & Complied for Non-Solar
3	Town Electrical Engineering Deptt.,BSP (TEED) #	199.6517	1.50	0.07539	0	1.42	11.979102	66.47014	0	-54.491	Non-Compliance for both Solar & Non-Solar

Non-Solar Obligation is fulfilled by Co-generation

None of the DISCOM has fulfilled their RPO

Year 2015-16

SN	DISCOM	Consumption (MU)	Solar (1%)				Non-Solar (6.25 %)				REMARK
			Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Solar Power (MU)	Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Non Solar Power (MU)	
1	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)	23630.16	236.3016	146.59	0	89.7116	1476.885	746.47	0	730.4150	Non-Compliance for both Solar & Non-Solar
2	Town Electrical Engineering Deptt. BSP (TEED) #	202.0532	2.0205	0.046203	0	1.9743	12.628	14.688	0	-2.0597	Comply Considering Co-Gen Power
3	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	749.41	7.4941	0	7.495	0.00	46.838	0	46.8381	0.0000	Compliance for Solar & Non-Solar both

Non-Solar Obligation is fulfilled by Co-generation

None of the DISCOM has fulfilled their RPO

Year 2016-17

SN	DISCOM	Consumption (MU)	Solar (1.5%)				Non-Solar (6.5 %)				REMARK
			Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Solar Power (MU)	Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Non Solar Power (MU)	
1	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)	19162.46	287.437	290.64	0	-3.20	1245.560	958.56	0	287.0	Comply for Solar and Non-Compliance for Non-Solar
2	Town Electrical Engineering Deptt. BSP (TEED) #	198.98	2.9847	0	0	0	12.934	0	0	0.0000	Comply Considering Co-Gen Power (15.9187 MU)
3	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	662.32	9.935	9.935	0	0.000	43.051	0	43.051	0.000	Comply for Solar and Non-Solar

Compliance through Co-generation Power

Year 2017-18

SN	DISCOM	Consumption (MU)	Solar (2%)				Non-Solar (7%)				REMARK
			Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Solar Power (MU)	Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Non Solar Power (MU)	
1	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)	20310.7	406.214	324.705	0	81.509	1421.749	999.3	0	422.449	Non-Compliance for both Solar & Non Solar
2	Town Electrical Engineering Deptt.,BSP (TEED) #	200.16	4.0032	0.96	0	3.04	14.01	0	0	0	Comply Considering Co-Gen Power (17.62 MU)
3	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	733.5	14.67	0	14.67	0	51.35	0	51.35	0	Compliance for both Solar & Non-Solar

Compliance through Co-gen Power

Year 2018-19

SN	DISCOM	Consumption (MU)	Solar (3.5 %)				Non-Solar (7.5 %)				REMARK
			Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Solar Power (MU)	Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Non Solar Power (MU)	
1	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)	22333.08	781.66	502.622	0	279.04	1674.98	786.64	0	888.34	Non-Compliance for both Solar & Non-Solar
2	Town Electrical Engineering Deptt.,BSP (TEED) #	147.67	5.17	0.323	0	4.85	11.08	17.62	0	-6.54	compliance for both Non-solar & Solar
3	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	992.8	34.75	0	26.76	7.99	74.46	0	49.87	24.59	Non-Compliance for both Solar & Non-Solar

Compliance through Co-gen Power

Year 2019-20

SN	DISCOM	Consumption (MU)	Solar (5 %)				Non-Solar (8%)				REMARK
			Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Solar Power (MU)	Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Non Solar Power (MU)	
1	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)	22792.75	1139.64	485.66	0	653.98	1823.42	899.57	0	923.85	Non-Compliance for both Solar & Non-Solar
2	Town Electrical Engineering Deptt.,BSP (TEED) #	154.27	7.71	11.18	0	-3.47	12.34	15.81	0	-3.47	Compliance from co-gen
3	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	1042.77	52.14	0	0	52.14	83.42	0	0	83.42	Non-Compliance for both Solar & Non-Solar

Compliance through Co-gen Power

Year 2020-21

SN	DISCOM	Consumption (MU)	Solar (6.5 %)				Non-Solar (8.5%)				REMARK
			Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Solar Power (MU)	Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Non Solar Power (MU)	
1	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)	23361.33	1518.49	507.45	0	1011.04	1985.71	1109.62	0	876.09	Non-Compliance for both Solar & Non-Solar
2	Town Electrical Engineering Deptt.,BSP (TEED)#	155.93	10.14	10.14	0	0.00	13.25	13.25	0	0.00	Compliance from co-gen
3	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	1168.03	75.92	0	0	75.92	99.28	0	0	99.28	Non-Compliance for both Solar & Non-Solar

Compliance through Co-gen Power

Year 2021-22

SN	DISCOM	Consumption (MU)	Solar(10.50%)				Non - Solar(10.68%)							REMARK	
			Obligation (MU)	Power Procured (MU)	REC Procured (MU)	Shortfall Solar Power (MU)	Non-Solar Obligation (10.68%) (MU)	HPO Obligation (0.18%)	HPO Power Procured (MU)	HPO REC Procured (MU)	other Non-Solar Obligation (10.50%) (MU)	other Non-Solar Power Procured (MU)	other Non-Solar REC Procured (MU)		Shortfall Non Solar Power (MU)
1	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)	25745.07	2703.23	1006.59	0	1696.64	2749.57	46.341	341.840	0.000	2703.23235	1198.28	0	1209.45	Shortfall for both Solar & Non-Solar
2	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	1241.49	130.36	0	0	130.36	132.591	2.235	0.000	0.000	130.36	0	0	132.59	Shortfall for both Solar & Non-Solar
3	Town Electrical Engineering Deptt.,BSP (TEED) #	154.477	16.22	16.22	0	0.00	16.498	0.278	0.000	0.000	16.22	16.5	0	0.00	Compliance from co-gen

Compliance from Co-gen Power

RPO Compliance Details for the Financial Year 2022-23

S/No.	DISCOM	Consumption (MU)	Wind				HPO				Other-RPO				Co-gen. Power (MU)	Remarks
			Wind Obligation (0.81% of 3)	Wind Power Procured/Generate (MU)	Wind REC Purchased (MU)	Shortfall Wind Power (MU)	HPO Obligation (0.35% of 3)	Hydro Power Procured (MU)	Hydro Power REC Purchased (MU)	Shortfall HPO (MU)	Other-RPO Obligation (23.44% of 3)	Other-RPO Power Procured (MU)	Other-RPO REC Purchased (MU)	Shortfall Other-RPO (MU)		
1	2	3	4= 0.81% of 3	5	6	7= [4-(5+6)]	8= 0.35% of 3	9	10	11= [8-(9+10)]	12= 23.44% of 3	13	14	15= [12-(13+14)]	16	17
1	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	1181.04	9.566	0	0	9.566	4.134	0	0	4.134	276.836	0	0	276.836	0.00	Non-Compliance for Wind RPO, HPO & Other RPO for FY 2022-23
2	Town Electrical Engineering Deptt., BSP (TEED) #	150.33	1.218	0	0	1.218	0.526	0	0	0.526	35.237	0	0	35.237	47.63	Compliance from Co-gen. Power for FY 2022-23
# Compliance through Co-gen Power																
3	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)	28906.59	234.143	81.81	0	152.333	101.173	482.32	0	-381.147	6775.705	2246.47	0	4529.235	0.00	Compliance for Wind RPO & HPO and Non-Compliance for Other RPO for FY 2022-23
RPO Obligation Adjustment						0*				0	Excess HPO = 228.8135 MU			4300.4212**		

Note: As per Clause 4(d) of Notification No. 97/CSERC/2022 Date 20.12.2022, Any shortfall remaining in achievement of 'Other RPO' category can be met from either of excess of HPO or excess of Wind RPO and/or from excess of both HPO & Wind RPO.

* Shortfall of Wind RPO 152.3334 MU met by excess HPO of 381.1469 MU, which results in shortfall of Wind RPO to zero (0) and remaining excess HPO of 381.1469 - 152.3334 = 228.81 MU .

** Shortfall of Other RPO met by remaining excess HPO i.e. 228.8135 MU, which results in shortfall of Other RPO 4529.2347 - 228.8135 = 4300.4212 MU.

RPO Compliance Details for the Financial Year 2023-24 (DISCOMs)

S.No.	DISCOM	Consumption (MU)	Wind				HPO				Other RPO				Energy Storage System (ESS) (in MU)				Co-gen. Power (MU)	Remarks
			Wind Obligation (1.60% of 3) (MU)	Wind Power Procured/Generate (MU)	Wind REC Purchased (MU)	Shortfall Wind Power (MU)	HPO Obligation (0.66% of 3) (MU)	Hydro Power Procured (MU)	Hydro Power REC Purchased (MU)	Shortfall HPO (MU)	Other-RPO Obligation (24.81% of 3) (MU)	Other-RPO Power Procured (MU)	Other-RPO REC Purchased (MU)	Shortfall Other RPO (MU)	Energy Storage Obligation (1%) (MU)	Energy Stored in Energy Storage System through RE (MU)	Energy Stored in Energy Storage System through Other (MU)	Shortfall of Energy Storage System (ESS) (MU)		
1	2	3	4= 1.60% of 3	5	6	7= [4-(5+6)]	8= 0.66% of 3	9	10	11= [8-(9+10)]	12= 24.81% of 3	13	14	15= [12-(13+14)]	16= 1% of 3	17	18	19= [16-(17+18)]	20	21
1	JINDAL STEEL & POWER Ltd. (JSPL), Raigarh	1310.48	20.968	0	0	20.968	8.649	0	0	8.649	325.130	0	0	325.130	13.105	0	0	13.105	0.00	Non-Compliance for Wind RPO, HPO, Other RPO & Energy Storage System for the FY 2023-24
2	Town Electrical Engineering Deptt., BSP (TEED), Bhilai, Dist.- Durg #	150.3	2.405	0	0	2.405	0.992	0	0	0.992	37.289	0	0	37.289	1.503	0	0	1.503	42.19	Compliance for Wind RPO, HPO & Other RPO through Co-gen power and Non-Compliance for Energy Storage System for the FY 2023-24
# Compliance through Co-gen Power (Wind RPO, HPO & Other RPO)																				
3	Chhattisgarh State Power Distribution Company Ltd. (CSPDCL), Dist.- Raipur	31678.66	506.859	609.65	0	-102.791	209.079	423.72	0	-214.641	7859.476	4635.55	0	3223.926	316.787	34.22	0	282.567	11.040	Compliance for Wind RPO & HPO and Non-Compliance for Other RPO & Energy Storage System for the FY 2023-24
RPO Obligation Adjustment						0				0	Excess Wind & HPO = 317.432 MU			2895.454*				282.57		

Note: As per Clause 4(d) of Notification No. 97/CSERC/2022 Date 20.12.2022, Any shortfall remaining in achievement of 'Other RPO' category can be met from either of excess of HPO or excess of Wind RPO and/or from excess of both HPO & Wind RPO.

* Shortfall of Other RPO met by remaining excess Wind & HPO i.e. 317.432 MU, which results in shortfall of Other RPO 3223.926 - 317.432 = 2906.494 MU, since after considering Co-gen. Power the Total shortfall of Other RPO = 2906.494 - 11.040 = 2895.454 MU.