



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee

दिनांक: 02.06.2025

सेवा में/ To,

1. General Manager (Commercial.), NTPC Ltd, EOC-Noida
2. General Manager (O&M), IGSTPS, Jhajjar (Haryana)

विषय: जुलाई 2024 से मार्च 2025 के बिलिंग माह के लिए उत्तरी क्षेत्र के थर्मल जनरेटर की रैंपिंग क्षमता का विवरण ।

महोदय,

केंद्रीय विद्युत विनियामक आयोग (शुल्क की शर्तें और नियम), 2024 के विनियम 30 के अनुसार, जुलाई 2024 से मार्च 2025 तक की अवधि के लिए एनआरएलडीसी द्वारा प्रस्तुत उत्तरी क्षेत्र के थर्मल जनरेटर की रैंपिंग क्षमता का विवरण प्रमाणित किया जाता है तथा थर्मल जनरेटर द्वारा अवलोकन के लिए संलग्न किया गया है।

In accordance with Regulation 30 of the CERC (Terms and Conditions of Tariff) Regulations, 2024, the statement of ramping capability of thermal generators of Northern Region, as furnished by NRLDC for the period from July 2024 to March 2025, is certified as enclosed for perusal by thermal generating stations.

अनुलग्नक-यथोपरि।

भवदीय

Signed by Anzum Parwej

Date: 02-06-2025 17:21:59

(अंजुम परवेज)

अधीक्षण अभियंता (वाणिज्य)

Northern Regional Power Committee
Final REA for the Month of July 2024

Thermal Generators Ramping Capability

Station	Total no.of Time Blocks which are considered (Tm)	No. of Time Blocks Where Declared Ramp Up & Down rate $\geq 1\%$ (Td)	Td/Tm	No. of time blocks where scheduled ramp $\geq 1\%/min$ (D)	Out of (D), no. of time blocks where actual ramp $\geq$ scheduled ramp (E)	Out of (D), no. of time blocks where actual ramp $\geq 1\%/min$ (F)	Average actual ramp rate during blocks when scheduled ramp $\geq 1\%/min$ (%/min) (AARR)	E/D	F/D	Recommended change in RoE(%)
DADRIT	11159	10858	0.97	39	22	23	0.86	0.56	0.59	0
DADRT2	10623	10582	1.00	213	155	188	1.10	0.73	0.88	0
JHAJJAR	10093	10002	0.99	310	219	270	1.08	0.71	0.87	0
RIHAND1	11587	11587	1.00	167	59	68	0.81	0.35	0.41	0
RIHAND2	11679	11679	1.00	67	35	40	0.97	0.52	0.60	0
RIHAND3	11686	11686	1.00	66	30	44	0.94	0.45	0.67	0
SINGRAULI	11707	11665	1.00	43	15	20	0.79	0.35	0.47	0
TANDA2	11698	11297	0.97	128	75	94	0.99	0.59	0.73	0
UNCHAHAAR1	10797	10723	0.99	924	820	857	1.03	0.89	0.93	0
UNCHAHAAR2	11567	11425	0.99	201	108	127	0.91	0.54	0.63	0
UNCHAHAAR3	11449	11449	1.00	349	205	280	1.08	0.59	0.80	0
UNCHAHAAR4	10846	10824	1.00	294	225	256	1.10	0.77	0.87	0

Northern Regional Power Committee
Final REA for the Month of August 2024

Thermal Generators Ramping Capability

Station	Total no.of Time Blocks which are considered (Tm)	No. of Time Blocks Where Declared Ramp Up & Down rate $\geq 1\%$ (Td)	Td/Tm	No. of time blocks where scheduled ramp $\geq 1\%/min$ (D)	Out of (D), no. of time blocks where actual ramp $\geq$ scheduled ramp (E)	Out of (D), no. of time blocks where actual ramp $\geq 1\%/min$ (F)	Average actual ramp rate during blocks when scheduled ramp $\geq 1\%/min$ (%/min) (AARR)	E/D	F/D	Recommended change in RoE(%)
DADRIT	13856	13540	0.98	56	28	30	0.86	0.50	0.54	0
DADRT2	13277	13236	1.00	271	200	238	1.09	0.74	0.88	0
JHAJJAR	12784	12395	0.97	371	262	320	1.06	0.71	0.86	0
RIHAND1	14482	14482	1.00	251	83	94	0.77	0.33	0.37	0
RIHAND2	14624	14624	1.00	101	54	61	0.96	0.53	0.60	0
RIHAND3	14636	14636	1.00	101	47	68	0.97	0.47	0.67	0
SINGRAULI	14652	14601	1.00	81	40	47	0.85	0.49	0.58	0
TANDA2	14612	13956	0.96	180	106	128	0.97	0.59	0.71	0
UNCHAHAAR1	13009	12904	0.99	1095	951	996	1.02	0.87	0.91	0
UNCHAHAAR2	14472	14329	0.99	233	123	143	0.90	0.53	0.61	0
UNCHAHAAR3	14077	14077	1.00	415	249	334	1.08	0.60	0.80	0
UNCHAHAAR4	13798	13776	1.00	361	270	309	1.08	0.75	0.86	0

Northern Regional Power Committee
Final REA for the Month of September 2024

Thermal Generators Ramping Capability

Station	Total no.of Time Blocks which are considered (Tm)	No. of Time Blocks Where Declared Ramp Up & Down rate $\geq 1\%$ (Td)	Td/Tm	No. of time blocks where scheduled ramp $\geq 1\%/min$ (D)	Out of (D), no. of time blocks where actual ramp $\geq$ scheduled ramp (E)	Out of (D), no. of time blocks where actual ramp $\geq 1\%/min$ (F)	Average actual ramp rate during blocks when scheduled ramp $\geq 1\%/min$ (%/min) (AARR)	E/D	F/D	Recommended change in RoE(%)
DADRIT	16253	15863	0.98	66	37	39	0.88	0.56	0.59	0
DADRT2	15730	15657	1.00	339	248	297	1.09	0.73	0.88	0
JHAJJAR	15303	14871	0.97	465	332	399	1.06	0.71	0.86	0
RIHAND1	16987	16987	1.00	307	110	124	0.78	0.36	0.40	0
RIHAND2	17455	17455	1.00	140	73	83	0.96	0.52	0.59	0
RIHAND3	17480	17479	1.00	131	64	88	0.97	0.49	0.67	0
SINGRAULI	17410	17359	1.00	121	62	71	0.87	0.51	0.59	0
TANDA2	17314	16265	0.94	213	130	154	0.97	0.61	0.72	0
UNCHAHAAR1	15290	15154	0.99	1352	1179	1233	1.02	0.87	0.91	0
UNCHAHAAR2	17139	16982	0.99	273	146	169	0.89	0.53	0.62	0
UNCHAHAAR3	15086	15085	1.00	446	268	360	1.08	0.60	0.81	0
UNCHAHAAR4	16676	16654	1.00	440	340	385	1.10	0.77	0.88	0

Northern Regional Power Committee
Final REA for the Month of October 2024

Thermal Generators Ramping Capability

Station	Total no. of Time Blocks which are considered (Tm)	No. of Time Blocks Where Declared Ramp Up & Down rate $\geq 1\%$ (Td)	Td/Tm	No. of time blocks where scheduled ramp $\geq 1\%/min$ (D)	Out of (D), no. of time blocks where actual ramp $\geq$ scheduled ramp (E)	Out of (D), no. of time blocks where actual ramp $\geq 1\%/min$ (F)	Average actual ramp rate during blocks when scheduled ramp $\geq 1\%/min$ (%/min) (AARR)	E/D	F/D	Recommended change in RoE(%)
DADRIT	18944	18550	0.98	70	41	43	0.88	0.59	0.61	0
DADRT2	18549	18476	1.00	371	267	322	1.08	0.72	0.87	0
JHAJJAR	17955	17512	0.98	550	404	477	1.07	0.73	0.87	0
RIHAND1	19943	19943	1.00	335	124	138	0.79	0.37	0.41	0
RIHAND2	20422	20422	1.00	160	83	94	0.96	0.52	0.59	0
RIHAND3	20439	20438	1.00	148	75	101	1.01	0.51	0.68	0
SINGRAULI	20379	20328	1.00	167	90	102	0.89	0.54	0.61	0
TANDA2	20275	19226	0.95	271	163	194	0.97	0.60	0.72	0
UNCHAHAAR1	17174	17038	0.99	1567	1388	1443	1.02	0.89	0.92	0
UNCHAHAAR2	20111	19954	0.99	323	179	205	0.90	0.55	0.63	0
UNCHAHAAR3	15905	15904	1.00	479	289	384	1.08	0.60	0.80	0
UNCHAHAAR4	19646	19624	1.00	514	405	456	1.11	0.79	0.89	0

Northern Regional Power Committee
Final REA for the Month of November 2024

Thermal Generators Ramping Capability

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DADRIT	19122	18576	0.97	71	41	43	0.88	0.58	0.61	0
DADRT2	21179	21062	0.99	451	322	392	1.08	0.71	0.87	0
JHAJJAR	20457	19972	0.98	632	459	546	1.06	0.73	0.86	0
RIHAND1	22813	22813	1.00	344	129	144	0.79	0.38	0.42	0
RIHAND2	23298	23298	1.00	166	85	97	0.96	0.51	0.58	0
RIHAND3	23230	23228	1.00	154	81	107	1.02	0.53	0.69	0
SINGRAULI	23259	23208	1.00	189	102	116	0.89	0.54	0.61	0
TANDA2	23109	21956	0.95	313	191	225	0.98	0.61	0.72	0
UNCHAHAAR1	19126	18976	0.99	1784	1587	1647	1.03	0.89	0.92	0
UNCHAHAAR2	22728	22567	0.99	482	284	318	0.92	0.59	0.66	0
UNCHAHAAR3	18431	18430	1.00	584	357	474	1.08	0.61	0.81	0
UNCHAHAAR4	22467	22445	1.00	590	471	529	1.12	0.80	0.90	0

Northern Regional Power Committee
Final REA for the Month of December 2024

Thermal Generators Ramping Capability

Station	Total no. of Time Blocks which are considered (Tm)	No. of Time Blocks Where Declared Ramp Up & Down rate $\geq 1\%$ (Td)	Td/Tm	No. of time blocks where scheduled ramp $\geq 1\%/min$ (D)	Out of (D), no. of time blocks where actual ramp $\geq$ scheduled ramp (E)	Out of (D), no. of time blocks where actual ramp $\geq 1\%/min$ (F)	Average actual ramp rate during blocks when scheduled ramp $\geq 1\%/min$ (%/min) (AARR)	E/D	F/D	Recommended change in RoE(%)
DADRIT	19122	18576	0.97	71	41	43	0.88	0.58	0.61	0
DADRT2	21179	21062	0.99	451	322	392	1.08	0.71	0.87	0
JHAJJAR	20457	19972	0.98	632	459	546	1.06	0.73	0.86	0
RIHAND1	22813	22813	1.00	344	129	144	0.79	0.38	0.42	0
RIHAND2	23298	23298	1.00	166	85	97	0.96	0.51	0.58	0
RIHAND3	23230	23228	1.00	154	81	107	1.02	0.53	0.69	0
SINGRAULI	23259	23208	1.00	189	102	116	0.89	0.54	0.61	0
TANDA2	23109	21956	0.95	313	191	225	0.98	0.61	0.72	0
UNCHAHAAR1	19126	18976	0.99	1784	1587	1647	1.03	0.89	0.92	0
UNCHAHAAR2	22728	22567	0.99	482	284	318	0.92	0.59	0.66	0
UNCHAHAAR3	18431	18430	1.00	584	357	474	1.08	0.61	0.81	0
UNCHAHAAR4	22467	22445	1.00	590	471	529	1.12	0.80	0.90	0

Northern Regional Power Committee
Final REA for the Month of January 2025

Thermal Generators Ramping Capability

Station	Total no. of Time Blocks which are considered (Tm)	No. of Time Blocks Where Declared Ramp Up & Down rate $\geq 1\%$ (Td)	Td/Tm	No. of time blocks where scheduled ramp $\geq 1\%/min$ (D)	Out of (D), no. of time blocks where actual ramp $\geq$ scheduled ramp (E)	Out of (D), no. of time blocks where actual ramp $\geq 1\%/min$ (F)	Average actual ramp rate during blocks when scheduled ramp $\geq 1\%/min$ (%/min) (AARR)	E/D	F/D	Recommended change in RoE(%)
DADRIT	24352	23746	0.98	137	84	89	0.91	0.61	0.65	0
DADRT2	26737	26595	0.99	602	449	533	1.09	0.75	0.89	0
JHAJJAR	25661	25043	0.98	811	573	691	1.06	0.71	0.85	0
RIHAND1	28744	28744	1.00	389	149	174	0.81	0.38	0.45	0
RIHAND2	29243	29243	1.00	196	100	121	0.97	0.51	0.62	0
RIHAND3	29173	29171	1.00	187	96	130	1.02	0.51	0.70	0
SINGRAULI	29181	29130	1.00	301	167	194	0.91	0.55	0.64	0
TANDA2	29008	26909	0.93	431	270	316	0.99	0.63	0.73	0
UNCHAHAAR1	23902	23752	0.99	2285	2039	2110	1.03	0.89	0.92	0
UNCHAHAAR2	28519	28295	0.99	588	343	382	0.93	0.58	0.65	0
UNCHAHAAR3	24227	24226	1.00	785	497	641	1.09	0.63	0.82	0
UNCHAHAAR4	28407	28385	1.00	753	608	679	1.12	0.81	0.90	0

Northern Regional Power Committee
Final REA for the Month of February 2025

Thermal Generators Ramping Capability

Station	Total no.of Time Blocks which are considered (Tm)	No. of Time Blocks Where Declared Ramp Up & Down rate $\geq 1\%$ (Td)	Td/Tm	No. of time blocks where scheduled ramp $\geq 1\%/min$ (D)	Out of (D), no. of time blocks where actual ramp $\geq$ scheduled ramp (E)	Out of (D), no. of time blocks where actual ramp $\geq 1\%/min$ (F)	Average actual ramp rate during blocks when scheduled ramp $\geq 1\%/min$ (%/min) (AARR)	E/D	F/D	Recommended change in RoE(%)
DADRIT	27019	26390	0.98	158	93	99	0.90	0.59	0.63	0
DADRT2	29302	29160	1.00	700	526	627	1.09	0.75	0.90	0
JHAJJAR	28120	27460	0.98	922	654	788	1.06	0.71	0.85	0
RIHAND1	31432	31430	1.00	392	152	177	0.82	0.39	0.45	0
RIHAND2	31931	31931	1.00	199	101	123	0.96	0.51	0.62	0
RIHAND3	31861	31858	1.00	191	99	133	1.02	0.52	0.70	0
SINGRAULI	31867	31816	1.00	315	175	203	0.91	0.56	0.64	0
TANDA2	31690	29120	0.92	464	292	340	0.99	0.63	0.73	0
UNCHAHAAR1	26207	26054	0.99	2514	2241	2316	1.03	0.89	0.92	0
UNCHAHAAR2	31203	30979	0.99	636	379	424	0.94	0.60	0.67	0
UNCHAHAAR3	26740	26739	1.00	887	559	722	1.09	0.63	0.81	0
UNCHAHAAR4	31081	31059	1.00	841	679	761	1.13	0.81	0.90	0

Northern Regional Power Committee
Final REA for the Month of March 2025

Thermal Generators Ramping Capability

Station	Total no.of Time Blocks which are considered (Tm)	No. of Time Blocks Where Declared Ramp Up & Down rate $\geq 1\%$ (Td)	Td/Tm	No. of time blocks where scheduled ramp $\geq 1\%/min$ (D)	Out of (D), no. of time blocks where actual ramp $\geq$ scheduled ramp (E)	Out of (D), no. of time blocks where actual ramp $\geq 1\%/min$ (F)	Average actual ramp rate during blocks when scheduled ramp $\geq 1\%/min$ (%/min) (AARR)	E/D	F/D	Recommended change in RoE(%)
DADRIT	29905	29213	0.98	196	107	114	0.90	0.55	0.58	0
DADRT2	32066	31924	1.00	812	617	736	1.10	0.76	0.91	0
JHAJJAR	30911	29854	0.97	1026	726	880	1.06	0.71	0.86	0
RIHAND1	34399	34395	1.00	409	163	190	0.82	0.40	0.46	0
RIHAND2	34903	34903	1.00	216	108	131	0.95	0.50	0.61	0
RIHAND3	34829	34826	1.00	204	107	142	1.02	0.52	0.70	0
SINGRAULI	34829	34778	1.00	346	192	225	0.92	0.55	0.65	0
TANDA2	34607	31880	0.92	496	310	361	0.99	0.62	0.73	0
UNCHAHAAR1	29139	28986	0.99	2779	2480	2565	1.03	0.89	0.92	0
UNCHAHAAR2	34138	33914	0.99	671	403	450	0.94	0.60	0.67	0
UNCHAHAAR3	29684	29683	1.00	990	627	807	1.09	0.63	0.82	0
UNCHAHAAR4	34056	34034	1.00	898	725	813	1.13	0.81	0.91	0