

MoD stack is prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon. MERC on dtd. 02.09.2020

DISCOM WISE MOD STACK OF VARIABLE CHARGES (VC) FOR FEBRUARY-2025 (R2)

(*Effective from 01.03.2025 to 15.03.2025)

Sr. no.	Generating Station	OWNER/TYP E	Installed Capacity/ Share in ISGS (MW)	Type of Fuel	Variable Charge Rs./KWh in Descending Order		
					Approved Variable Charge(Rs/KWh)	Impact for approved change in law (if any) Rs./KWh	Total Variable Charge(Rs/ KWh)
1	2	3	4	5	6	7	8
DECENTRALISED MOD STACK FOR MSEDCL							
1	KAWAS (LIQ)	CS	-	Gas	24.2329	0.0000	24.2329
2	KAWAS (NAPM-COM GAS)	CS	-	Gas	12.9143	0.0000	12.9143
3	GANDHAR (NAPM-COM GAS)	CS	-	Gas	12.4078	0.0000	12.4078
4	KAWAS (RLNG)	CS	-	Gas	10.5764	0.0000	10.5764
5	JGPS (RLNG)	CS	-	Gas	10.4305	0.0000	10.4305
6	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.4190	0.0000	7.4190
7	JINDAL-PL U1 to MSEDCL	STOA	150	Coal	6.3000	0.0000	6.3000
8	KAWAS (APM GAS)	CS	200	Gas	5.9621	0.0000	5.9621
9	GANDHAR (APM GAS)	CS	204	Gas	5.9308	0.0000	5.9308
10	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.4250	0.0000	5.4250
11	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.3190	0.0000	5.3190
12	Bhusawal Unit - 03	MSPGCL	210	Coal	5.2040	0.0000	5.2040
13	Parali Unit -08	MSPGCL	250	Coal	5.0980	0.0000	5.0980
14	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.0880	0.0000	5.0880
15	Solapur STPS	CS	642	Coal	4.4622	0.0000	4.4622
16	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.4270	0.0000	4.4270
17	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.2910	0.0000	4.2910
18	Khargone	CS	85	Coal	4.2192	0.0000	4.2192
19	APML U-1,4 & 5 (440 MW PPA)	IPP	440	Coal	2.4209	1.7433	4.1642
20	APML Unit 1,4 & 5 (1200 MW PPA)	IPP	1200	Coal	2.3609	1.7433	4.1042
21	APML Unit 1,4 & 5 (125 MW PPA)	IPP	125	Coal	2.3609	1.7433	4.1042
22	APML Unit 2 & 3 (1320 MW PPA)	IPP	1320	Coal	1.7040	2.1383	3.8423
23	JSW U1, Jaigad	IPP	300	Coal	3.8400	0.0000	3.8400
24	CGPL	CS	760	Coal	3.8241	0.0000	3.8241
25	Paras Unit - 03 & 04	MSPGCL	500	Coal	3.6420	0.0000	3.6420
26	Koradi Unit - 06	MSPGCL	210	Coal	3.6010	0.0000	3.6010
27	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.5930	0.0000	3.5930
28	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.5540	0.0000	3.5540
29	IEPL TO MSEDCL	STOA	180	Coal	3.5070	0.0000	3.5070
30	Bhusawal Unit - 06	MSPGCL	660	Coal	3.4580	0.0000	3.4580
31	MSTPS-II	CS	531	Coal	3.3167	0.0000	3.3167
32	MSTPS-I	CS	394	Coal	3.2896	0.0000	3.2896
33	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.2380	0.0000	3.2380
34	Gadarwara	CS	46	Coal	3.1353	0.0000	3.1353
35	EMCO	CS	200	Coal	2.9599	0.0000	2.9599
36	SWPGPL TO MSEDCL	LTOA	240	Coal	2.5409	0.4111	2.9520
37	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3962	0.5150	2.9112
38	KHTPS-II	CS	148	Coal	2.9029	0.0000	2.9029
39	Khaperkheda Unit - 05	MSPGCL	500	Coal	2.8940	0.0000	2.8940
40	VSTP-I	CS	432	Coal	2.1303	0.0000	2.1303
41	VSTPS-V	CS	161	Coal	2.0450	0.0000	2.0450
42	VSTP-II	CS	336	Coal	2.0186	0.0000	2.0186
43	VSTPS-III	CS	275	Coal	1.9937	0.0000	1.9937
44	VSTP-IV	CS	294	Coal	1.9750	0.0000	1.9750
45	SSTPS-II	CS	274	Coal	1.8120	0.0000	1.8120
46	SSTPS-I	CS	556	Coal	1.7578	0.0000	1.7578
47	KSTPS I AND II	CS	635	Coal	1.5344	0.0000	1.5344
48	KSTPS-III	CS	120	Coal	1.4870	0.0000	1.4870
49	Lara	CS	114	Coal	1.3577	0.0000	1.3577
DECENTRALISED MOD STACK FOR AEML							
1	JINDAL PL_U1 TO AEML	STOA	50	Coal	4.5200	0.0000	4.5200
2	ADTPS U-1 & 2	DTPS	500	Coal	3.8478	0.0000	3.8478
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.5870	0.0000	12.5870
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.0540	0.0000	6.0540
3	TPC U-8	TATA	250	Coal	5.9560	0.0000	5.9560
4	TPC U-7 (APM) *	TATA	180	Gas	5.1590	0.0000	5.1590
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.5870	0.0000	12.5870
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.0540	0.0000	6.0540
3	TPC U-8	TATA	250	Coal	5.9560	0.0000	5.9560
4	TPC U-7 (APM) *	TATA	180	Gas	5.1590	0.0000	5.1590
5	SWPGL TO BEST	MTOA	125	Coal	2.7800	0.0000	2.7800

NOTE-

1) Prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon'ble MERC dtd. 2nd sept 2020 .

2) MOD stack revised as "R2" due to new STOA contracts updated for the month Mar-25

3) Also, STOA transactions for the month of Feb-2025 updated in this MOD revision.

4) Actual rates of NTPC Kawas and Gandhar are displayed on WRLDC web-site daily.

5) Hydro generation is not considered for MOD.

6) Gas and RE and Nuclear Generation is considered as MUST RUN except TPCU-7 RLNG.

MoD stack is prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon. MERC on dtd. 02.09.2020

DISCOM WISE MOD STACK OF VARIABLE CHARGES (VC) FOR FEBRUARY-2025 (R1)

(*Effective from 22.02.2025 to 15.03.2025)

Sr. no.	Generating Station	OWNER/TYP E	Installed Capacity/ Share in ISGS (MW)	Type of Fuel	Variable Charge Rs./KWh in Descending Order		
					Approved Variable Charge(Rs/KWh)	Impact for approved change in law (if any) Rs./KWh)	Total Variable Charge(Rs/ KWh)
1	2	3	4	5	6	7	8
DECENTRALISED MOD STACK FOR MSEDCL							
1	KAWAS (LIQ)	CS	-	Gas	24.2329	0.0000	24.2329
2	KAWAS (NAPM-COM GAS)	CS	-	Gas	12.9143	0.0000	12.9143
3	GANDHAR (NAPM-COM GAS)	CS	-	Gas	12.4078	0.0000	12.4078
4	KAWAS (RLNG)	CS	-	Gas	10.5764	0.0000	10.5764
5	JGPS (RLNG)	CS	-	Gas	10.4305	0.0000	10.4305
6	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.4190	0.0000	7.4190
7	KAWAS (APM GAS)	CS	200	Gas	5.9621	0.0000	5.9621
8	GANDHAR (APM GAS)	CS	204	Gas	5.9308	0.0000	5.9308
9	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.4250	0.0000	5.4250
10	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.3190	0.0000	5.3190
11	Bhusawal Unit - 03	MSPGCL	210	Coal	5.2040	0.0000	5.2040
12	Parali Unit -08	MSPGCL	250	Coal	5.0980	0.0000	5.0980
13	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.0880	0.0000	5.0880
14	Solapur STPS	CS	642	Coal	4.4622	0.0000	4.4622
15	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.4270	0.0000	4.4270
16	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.2910	0.0000	4.2910
17	Khargone	CS	85	Coal	4.2192	0.0000	4.2192
18	APML U-1,4 &5 (440 MW PPA)	IPP	440	Coal	2.4209	1.7433	4.1642
19	APML, Unit 1,4 & 5 (1200 MW PPA)	IPP	1200	Coal	2.3609	1.7433	4.1042
20	APML, Unit 1,4 & 5 (125 MW PPA)	IPP	125	Coal	2.3609	1.7433	4.1042
21	APML, Unit 2 & 3 (1320 MW PPA)	IPP	1320	Coal	1.7040	2.1383	3.8423
22	JSW U1, Jaigad	IPP	300	Coal	3.8400	0.0000	3.8400
23	CGPL	CS	760	Coal	3.8241	0.0000	3.8241
24	Paras Unit - 03 & 04	MSPGCL	500	Coal	3.6420	0.0000	3.6420
25	Koradi Unit - 06	MSPGCL	210	Coal	3.6010	0.0000	3.6010
26	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.5930	0.0000	3.5930
27	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.5540	0.0000	3.5540
28	IEPL TO MSEDCL	STOA	180	Coal	3.5070	0.0000	3.5070
29	Bhusawal Unit - 06	MSPGCL	660	Coal	3.4580	0.0000	3.4580
30	MSTPS-II	CS	531	Coal	3.3167	0.0000	3.3167
31	MSTPS-I	CS	394	Coal	3.2896	0.0000	3.2896
32	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.2380	0.0000	3.2380
33	Gadarwara	CS	46	Coal	3.1353	0.0000	3.1353
34	EMCO	CS	200	Coal	2.9599	0.0000	2.9599
35	SWPGL TO MSEDCL	LTOA	240	Coal	2.5409	0.4111	2.9520
36	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3962	0.5150	2.9112
37	KHTPS-II	CS	148	Coal	2.9029	0.0000	2.9029
38	Khaperkheda Unit - 05	MSPGCL	500	Coal	2.8940	0.0000	2.8940
39	VSTP-I	CS	432	Coal	2.1303	0.0000	2.1303
40	VSTPS-V	CS	161	Coal	2.0450	0.0000	2.0450
41	VSTP-II	CS	336	Coal	2.0186	0.0000	2.0186
42	VSTPS-III	CS	275	Coal	1.9937	0.0000	1.9937
43	VSTP-IV	CS	294	Coal	1.9750	0.0000	1.9750
44	SSTPS-II	CS	274	Coal	1.8120	0.0000	1.8120
45	SSTPS-I	CS	556	Coal	1.7578	0.0000	1.7578
46	KSTPS I AND II	CS	635	Coal	1.5344	0.0000	1.5344
47	KSTPS-III	CS	120	Coal	1.4870	0.0000	1.4870
48	Lara	CS	114	Coal	1.3577	0.0000	1.3577
DECENTRALISED MOD STACK FOR AEML							
1	JINDAL PL U1 TO AEML	STOA	75	Coal	4.5200	0.0000	4.5200
2	SWPGL TO AEML	STOA	120	Coal	4.2500	0.0000	4.2500
3	ADTPS U-1 & 2	DTPS	500	Coal	3.8478	0.0000	3.8478
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.5870	0.0000	12.5870
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.0540	0.0000	6.0540
3	TPC U-8	TATA	250	Coal	5.9560	0.0000	5.9560
4	TPC U-7 (APM) *	TATA	180	Gas	5.1590	0.0000	5.1590
5	IEPL TO TPCL	STOA	35	Coal	5.0500	0.0000	5.0500
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.5870	0.0000	12.5870
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.0540	0.0000	6.0540
3	TPC U-8	TATA	250	Coal	5.9560	0.0000	5.9560
4	TPC U-7 (APM) *	TATA	180	Gas	5.1590	0.0000	5.1590
5	SWPGL TO BEST	MTOA	100	Coal	2.2700	0.0000	2.2700

NOTE-

- 1) Prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon'ble MERC dtd. 2nd sept 2020 .
- 2) MOD stack revised as "R1" due to COD of Bhusawal U-6 (declared by generator) wef 21.02.2025.
- 3) Also, STOA transactions for the month of Feb-2025 updated in this MOD revision.
- 4) Actual rates of NTPC Kawas and Gandhar are displayed on WRLDC web-site daily.
- 5) Hydro generation is not considered for MOD.
- 6) Gas and RE and Nuclear Generation is considered as MUST RUN except TPCU-7 RLNG.

MoD stack is prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon. MERC on dtd. 02.09.2020

DISCOM WISE MOD STACK OF VARIABLE CHARGES (VC) FOR FEBRUARY-2025 (R0)
(*Effective from 16.02.2025 to 15.03.2025)

Sr. no.	Generating Station	OWNER/TYP E	Installed Capacity/ Share in ISGS (MW)	Type of Fuel	Variable Charge Rs./KWh in Descending Order		
1	2	3	4	5	6	7	8
DECENTRALISED MOD STACK FOR MSEDCL							
1	KAWAS (LIQ)	CS	-	Gas	24.2329	0.0000	24.2329
2	KAWAS (NAPM-COM GAS)	CS	-	Gas	12.9143	0.0000	12.9143
3	GANDHAR (NAPM-COM GAS)	CS	-	Gas	12.4078	0.0000	12.4078
4	KAWAS (RLNG)	CS	-	Gas	10.5764	0.0000	10.5764
5	JGPS (RLNG)	CS	-	Gas	10.4305	0.0000	10.4305
6	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.4190	0.0000	7.4190
7	KAWAS (APM GAS)	CS	200	Gas	5.9621	0.0000	5.9621
8	GANDHAR (APM GAS)	CS	204	Gas	5.9308	0.0000	5.9308
9	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.4250	0.0000	5.4250
10	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.3190	0.0000	5.3190
11	Bhusawal Unit - 03	MSPGCL	210	Coal	5.2040	0.0000	5.2040
12	Parali Unit -08	MSPGCL	250	Coal	5.0980	0.0000	5.0980
13	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.0880	0.0000	5.0880
14	Solapur STPS	CS	642	Coal	4.4622	0.0000	4.4622
15	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.4270	0.0000	4.4270
16	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.2910	0.0000	4.2910
17	Khargone	CS	85	Coal	4.2192	0.0000	4.2192
18	APML U-1,4 & 5 (440 MW PPA)	IPP	440	Coal	2.4209	1.7433	4.1642
19	APML, Unit 1,4 & 5 (1200 MW PPA)	IPP	1200	Coal	2.3609	1.7433	4.1042
20	APML, Unit 1,4 & 5 (125 MW PPA)	IPP	125	Coal	2.3609	1.7433	4.1042
21	APML, Unit 2 & 3 (1320 MW PPA)	IPP	1320	Coal	1.7040	2.1383	3.8423
22	JSW U1, Jaigad	IPP	300	Coal	3.8400	0.0000	3.8400
23	CGPL	CS	760	Coal	3.8241	0.0000	3.8241
24	Paras Unit - 03 & 04	MSPGCL	500	Coal	3.6420	0.0000	3.6420
25	Koradi Unit - 06	MSPGCL	210	Coal	3.6010	0.0000	3.6010
26	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.5930	0.0000	3.5930
27	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.5540	0.0000	3.5540
28	IEPL TO MSEDCL	STOA	180	Coal	3.5070	0.0000	3.5070
29	MSTPS-II	CS	531	Coal	3.3167	0.0000	3.3167
30	MSTPS-I	CS	394	Coal	3.2896	0.0000	3.2896
31	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.2380	0.0000	3.2380
32	Gadarwara	CS	46	Coal	3.1353	0.0000	3.1353
33	EMCO	CS	200	Coal	2.9599	0.0000	2.9599
34	SWPGL TO MSEDCL	LTOA	240	Coal	2.5409	0.4111	2.9520
35	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3962	0.5150	2.9112
36	KHTPS-II	CS	148	Coal	2.9029	0.0000	2.9029
37	Khaperkheda Unit - 05	MSPGCL	500	Coal	2.8940	0.0000	2.8940
38	VSTP-I	CS	432	Coal	2.1303	0.0000	2.1303
39	VSTPS-V	CS	161	Coal	2.0450	0.0000	2.0450
40	VSTP-II	CS	336	Coal	2.0186	0.0000	2.0186
41	VSTPS-III	CS	275	Coal	1.9937	0.0000	1.9937
42	VSTP-IV	CS	294	Coal	1.9750	0.0000	1.9750
43	SSTPS-II	CS	274	Coal	1.8120	0.0000	1.8120
44	SSTPS-I	CS	556	Coal	1.7578	0.0000	1.7578
45	KSTPS I AND II	CS	635	Coal	1.5344	0.0000	1.5344
46	KSTPS-III	CS	120	Coal	1.4870	0.0000	1.4870
47	Lara	CS	114	Coal	1.3577	0.0000	1.3577
DECENTRALISED MOD STACK FOR AEML							
1	JINDAL PL_U1 TO AEML	STOA	75	Coal	4.5200	0.0000	4.5200
2	SWPGL TO AEML	STOA	120	Coal	4.2500	0.0000	4.2500
3	ADTPS U-1 & 2	DTPS	500	Coal	3.8478	0.0000	3.8478
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.5870	0.0000	12.5870
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.0540	0.0000	6.0540
3	TPC U-8	TATA	250	Coal	5.9560	0.0000	5.9560
4	TPC U-7 (APM) *	TATA	180	Gas	5.1590	0.0000	5.1590
5	IEPL TO TPCL	STOA	35	Coal	5.0500	0.0000	5.0500
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.5870	0.0000	12.5870
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.0540	0.0000	6.0540
3	TPC U-8	TATA	250	Coal	5.9560	0.0000	5.9560
4	TPC U-7 (APM) *	TATA	180	Gas	5.1590	0.0000	5.1590
5	SWPGL TO BEST	MTOA	100	Coal	2.2700	0.0000	2.2700

NOTE-

1) Prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon'ble MERC dtd. 2nd sept 2020 .

2) "R0" updated on mahasdc.in website on dated 15.02.2025.

3) Also, STOA transactions for the month of Feb-2025 updated in this MOD revision.

4) Actual rates of NTPC Kawas and Gandhar are displayed on WRLDC web-site daily.

5) Hydro generation is not considered for MOD.

6) Gas and RE and Nuclear Generation is considered as MUST RUN except TPCU-7 RLNG.