

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 MARCH-2025 (R2)

(*Effective from 02.04.2025 to 15.04.2025)

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 MSEDCCL							
1	KAWAS (LIQ)	CS	-	Gas	22.4274	0.0000	22.4274
2	KAWAS (NAPM-COM GAS)	CS	-	Gas	13.1048	0.0000	13.1048
3	GANDHAR (NAPM-COM GAS)	CS	-	Gas	13.0340	0.0000	13.0340
4	KAWAS (RLNG)	CS	-	Gas	10.7387	0.0000	10.7387
5	JGPS (RLNG)	CS	-	Gas	10.7231	0.0000	10.7231
6	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.5290	0.0000	7.5290
7	JINDAL-PL U1 to MSEDCL	STOA	150	Coal	6.6400	0.0000	6.6400
8	KAWAS (APM GAS)	CS	200	Gas	5.9515	0.0000	5.9515
9	GANDHAR (APM GAS)	CS	204	Gas	5.9203	0.0000	5.9203
10	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.8200	0.0000	5.8200
11	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.3980	0.0000	5.3980
12	Bhusawal Unit - 03	MSPGCL	210	Coal	5.1910	0.0000	5.1910
13	Parali Unit -08	MSPGCL	250	Coal	5.0750	0.0000	5.0750
14	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.0540	0.0000	5.0540
15	APML U-1,4 &5 (440 MW PPA)	IPP	440	Coal	2.4209	2.0951	4.5160
16	APML, Unit 1,4 & 5 (1200 MW PPA)	IPP	1200	Coal	2.3609	2.0951	4.4560
17	APML, Unit 1,4 & 5 (125 MW PPA)	IPP	125	Coal	2.3609	2.0951	4.4560
18	Solapur STPS	CS	642	Coal	4.4064	0.0000	4.4064
19	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.3960	0.0000	4.3960
20	Khargone	CS	85	Coal	4.1520	0.0000	4.1520
21	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.0070	0.0000	4.0070
22	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.9870	0.0000	3.9870
23	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.9010	0.0000	3.9010
24	APML, Unit 2 & 3 (1320 MW PPA)	IPP	1320	Coal	1.7040	2.1119	3.8159
25	JSW U1, Jaigad	IPP	300	Coal	3.7100	0.0000	3.7100
26	CGPL	CS	760	Coal	3.6919	0.0000	3.6919
27	Paras Unit - 03 & 04	MSPGCL	500	Coal	3.6870	0.0000	3.6870
28	Koradi Unit - 06	MSPGCL	210	Coal	3.5670	0.0000	3.5670
29	MSTPS-II	CS	531	Coal	3.5647	0.0000	3.5647
30	MSTPS-I	CS	394	Coal	3.5501	0.0000	3.5501
31	IEPL TO MSEDCL	STOA	180	Coal	3.5070	0.0000	3.5070
32	Bhusawal Unit - 06	MSPGCL	660	Coal	3.4980	0.0000	3.4980
33	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.2780	0.0000	3.2780
34	Gadarwara	CS	46	Coal	3.1692	0.0000	3.1692
35	EMCO	CS	200	Coal	3.0381	0.0000	3.0381
36	KHTPS-II	CS	148	Coal	2.9497	0.0000	2.9497
37	SWPGPL TO MSEDCL	LTOA	240	Coal	2.5409	0.4043	2.9452
38	Khaperkheda Unit - 05	MSPGCL	500	Coal	2.9090	0.0000	2.9090
39	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3962	0.5119	2.9081
40	VSTP-I	CS	432	Coal	2.0802	0.0000	2.0802
41	VSTPS-V	CS	161	Coal	1.9989	0.0000	1.9989
42	VSTP-II	CS	336	Coal	1.9697	0.0000	1.9697
43	VSTPS-III	CS	275	Coal	1.9463	0.0000	1.9463
44	VSTP-IV	CS	294	Coal	1.9275	0.0000	1.9275
45	SSTPS-II	CS	274	Coal	1.7328	0.0000	1.7328
46	SSTPS-I	CS	556	Coal	1.6735	0.0000	1.6735
47	KSTPS I AND II	CS	635	Coal	1.5392	0.0000	1.5392
48	KSTPS-III	CS	120	Coal	1.4911	0.0000	1.4911
49	Lara	CS	114	Coal	1.3713	0.0000	1.3713
DECENTRALISED MOD STACK FOR AEML							
1	ADTPS U-1 & 2	DTPS	500	Coal	3.8584	0.0000	3.8584
2	JINDAL PL U1 TO AEML	STOA	100	Coal	2.6800	0.0000	2.6800
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.6400	0.0000	12.6400
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.3860	0.0000	6.3860
3	TPC U-8	TATA	250	Coal	5.5290	0.0000	5.5290
4	TPC U-7 (APM) *	TATA	180	Gas	5.2300	0.0000	5.2300
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.6400	0.0000	12.6400
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.3860	0.0000	6.3860
3	TPC U-8	TATA	250	Coal	5.5290	0.0000	5.5290
4	TPC U-7 (APM) *	TATA	180	Gas	5.2300	0.0000	5.2300
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) "R2" updated on mahasidc.in website due to revised rates of JSW U-1 & CGPL are submitted by CEPP, MSEDCL and updated STOA transactions wef 01.04.2025.

3) Also, STOA transactions for the month of March-2025 updated in this MOD stack

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 MARCH-2025 (R1)
(*Effective from 19.03.2025 to 15.04.2025)

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	22.4274	0.0000	22.4274
2	KAWAS (NAPM-COM GAS)	CS	-	Gas	13.1048	0.0000	13.1048
3	GANDHAR (NAPM-COM GAS)	CS	-	Gas	13.0340	0.0000	13.0340
4	KAWAS (RLNG)	CS	-	Gas	10.7387	0.0000	10.7387
5	JGPS (RLNG)	CS	-	Gas	10.7231	0.0000	10.7231
6	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.5290	0.0000	7.5290
7	JINDAL-PL_U1 to MSEDCL	STOA	150	Coal	6.3800	0.0000	6.3800
8	KAWAS (APM GAS)	CS	200	Gas	5.9515	0.0000	5.9515
9	GANDHAR (APM GAS)	CS	204	Gas	5.9203	0.0000	5.9203
10	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.8200	0.0000	5.8200
11	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.3980	0.0000	5.3980
12	Bhusawal Unit - 03	MSPGCL	210	Coal	5.1910	0.0000	5.1910
13	Parali Unit -08	MSPGCL	250	Coal	5.0750	0.0000	5.0750
14	Parali Unit - 06 & 07	MSPGCL	500	Coal	5.0540	0.0000	5.0540
15	APML U-1,4 &5 (440 MW PPA)	IPP	440	Coal	2.4209	2.0951	4.5160
16	APML Unit 1,4 & 5 (1200 MW PPA)	IPP	1200	Coal	2.3609	2.0951	4.4560
17	APML Unit 1,4 & 5 (125 MW PPA)	IPP	125	Coal	2.3609	2.0951	4.4560
18	Solapur STPS	CS	642	Coal	4.4064	0.0000	4.4064
19	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.3960	0.0000	4.3960
20	Khargone	CS	85	Coal	4.1520	0.0000	4.1520
21	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.0070	0.0000	4.0070
22	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.9870	0.0000	3.9870
23	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.9010	0.0000	3.9010
24	APML Unit 2 & 3 (1320 MW PPA)	IPP	1320	Coal	1.7040	2.1119	3.8159
25	JSW U1, Jaigad	IPP	300	Coal	3.8400	0.0000	3.7600
26	CGPL	CS	760	Coal	3.8173	0.0000	3.7498
27	Paras Unit - 03 & 04	MSPGCL	500	Coal	3.6870	0.0000	3.6870
28	Koradi Unit - 06	MSPGCL	210	Coal	3.5670	0.0000	3.5670
29	MSTPS-II	CS	531	Coal	3.5647	0.0000	3.5647
30	MSTPS-I	CS	394	Coal	3.5501	0.0000	3.5501
31	IEPL TO MSEDCL	STOA	180	Coal	3.5070	0.0000	3.5070
32	Bhusawal Unit - 06	MSPGCL	660	Coal	3.4980	0.0000	3.4980
33	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.2780	0.0000	3.2780
34	Gadarwara	CS	46	Coal	3.1692	0.0000	3.1692
35	EMCO	CS	200	Coal	3.0381	0.0000	3.0381
36	KHTPS-II	CS	148	Coal	2.9497	0.0000	2.9497
37	SWPGL TO MSEDCL	LTOA	240	Coal	2.5409	0.4043	2.9452
38	Khaperkheda Unit - 05	MSPGCL	500	Coal	2.9090	0.0000	2.9090
39	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.3962	0.5119	2.9081
40	VSTP-I	CS	432	Coal	2.0802	0.0000	2.0802
41	VSTPS-V	CS	161	Coal	1.9989	0.0000	1.9989
42	VSTP-II	CS	336	Coal	1.9697	0.0000	1.9697
43	VSTPS-III	CS	275	Coal	1.9463	0.0000	1.9463
44	VSTP-IV	CS	294	Coal	1.9275	0.0000	1.9275
45	SSTPS-II	CS	274	Coal	1.7328	0.0000	1.7328
46	SSTPS-I	CS	556	Coal	1.6735	0.0000	1.6735
47	KSTPS I AND II	CS	635	Coal	1.5392	0.0000	1.5392
48	KSTPS-III	CS	120	Coal	1.4911	0.0000	1.4911
49	Lara	CS	114	Coal	1.3713	0.0000	1.3713
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	3.8584	0.0000	3.8584
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.6400	0.0000	12.6400
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.3860	0.0000	6.3860
3	TPC U-8	TATA	250	Coal	5.5290	0.0000	5.5290
4	TPC U-7 (APM) *	TATA	180	Gas	5.2300	0.0000	5.2300
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.6400	0.0000	12.6400
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.3860	0.0000	6.3860
3	TPC U-8	TATA	250	Coal	5.5290	0.0000	5.5290
4	TPC U-7 (APM) *	TATA	180	Gas	5.2300	0.0000	5.2300
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) "R1" updated on mahasdc.in website on dated 19.03.2025.
- 3) Also, STOA transactions for the month of March-2025 updated in this MOD stack
- 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 MARCH-2025 (R0)
 (*Effective from 16.03.2025 to 15.04.2025)

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	22.4274	0.0000	22.4274
2	KAWAS (NAPM-COM GAS)	CS	-	Gas	13.1048	0.0000	13.1048
3	GANDHAR (NAPM-COM GAS)	CS	-	Gas	13.0340	0.0000	13.0340
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6	Uran GTPS (Open cycle operation)	MSPGCL	-	Gas	7.5290	0.0000	7.5290
7	JINDAL-PL_U1 to MSEDCL	STOA	150	Coal	6.3800	0.0000	6.3800
8	KAWAS (APM GAS)	CS	200	Gas	5.9515	0.0000	5.9515
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11	Uran GTPS (Combined cycle operation)	MSPGCL	840	Gas	5.3980	0.0000	5.3980
12	Bhusawal Unit - 03	MSPGCL	210	Coal	5.1910	0.0000	5.1910
13	Parali Unit -08	MSPGCL	250	Coal	5.0750	0.0000	5.0750
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15	APML U-1,4 &5 (440 MW PPA)	IPP	440	Coal	2.4209	2.0951	4.5160
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24	JSW U1, Jaigad	IPP	300	Coal	3.8400	0.0000	3.8400
25	CGPL	CS	760	Coal	3.8173	0.0000	3.8173
26	APML Unit 2 & 3 (1320 MW PPA)	IPP	1320	Coal	1.7040	2.1119	3.8159
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49	Lara	CS	114	Coal	1.3713	0.0000	1.3713
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	3.8584	0.0000	3.8584
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.6400	0.0000	12.6400
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.3860	0.0000	6.3860
3	TPC U-8	TATA	250	Coal	5.5290	0.0000	5.5290
4	TPC U-7 (APM) *	TATA	180	Gas	5.2300	0.0000	5.2300
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	12.6400	0.0000	12.6400
2	TPC U-5	TATA	500	Coal/Oil/Gas	6.3860	0.0000	6.3860
3	TPC U-8	TATA	250	Coal	5.5290	0.0000	5.5290
4	TPC U-7 (APM) *	TATA	180	Gas	5.2300	0.0000	5.2300
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) "R0" updated on mahasdc.in website on dated 15.03.2025.
- 3) Also, STOA transactions for the month of March-2025 updated in this MOD stack
- 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.