



SUMMARY OF EXISTING POWER PLANTS

As of 31 March 2025

Particulars	EXISTING POWER PLANTS PER REGION (IN MW INSTALLED CAPACITY)																			TOTAL
	CAR	1	2	3	4-A	4-B	NCR	5	NIR	6	7	8	9	10	11	12	13	ARMM	BARMM	
Plant Type																				
Coal	-	1,294.00	-	4,677.71	3,420.50	-	-	-	-	452.40	893.80	-	-	1,431.03	600.00	237.00	-	-	-	13,006.44
Oil Based	-	256.47	-	916.10	542.22	-	339.20	-	31.00	136.12	296.65	97.49	128.00	307.01	150.72	108.47	129.19	-	9.64	3,448.28
Diesel	-	256.47	-	249.42	192.22	-	239.20	-	31.00	136.12	296.65	86.32	128.00	307.01	150.72	108.47	129.19	-	9.64	2,320.42
Oil Thermal	-	-	-	-	350.00	-	-	-	-	-	-	11.17	-	-	-	-	-	-	-	361.17
Gas Turbine	-	-	-	666.68	-	-	100.00	-	-	-	-	-	-	-	-	-	-	-	-	766.68
Natural Gas	-	-	-	-	4,170.55	-	-	-	-	-	1.04	-	-	-	-	-	-	-	-	4,171.59
Renewable Energy	418.26	1,086.65	637.32	1,884.36	1,836.66	-	32.19	492.84	912.80	137.62	71.59	829.22	6.00	905.92	94.36	195.32	32.90	278.96	-	9,852.96
Biomass	-	-	59.80	101.90	6.37	-	1.52	5.00	310.56	15.00	-	-	6.00	35.90	-	34.48	-	18.50	-	595.03
Waste to Energy (WTE)	-	-	59.80	101.90	-	-	-	5.00	310.56	15.00	-	-	6.00	35.90	-	34.48	-	18.50	-	587.14
Geothermal	-	-	-	-	6.37	-	1.52	-	-	-	-	-	-	-	-	-	-	-	-	7.89
Solar	94.72	290.60	190.04	1,261.86	471.98	-	30.67	74.14	359.56	5.67	59.97	80.11	-	23.97	28.59	31.19	-	-	-	3,003.07
Behind-the-Meter (BTM)	-	0.50	-	-	43.75	-	1.47	-	-	-	-	-	-	-	-	-	-	-	-	45.73
Ground-Mounted	94.72	290.10	190.04	1,261.86	428.23	-	29.20	74.14	359.56	5.67	59.97	80.11	-	23.97	28.59	31.19	-	-	-	2,957.35
Hydro	323.55	513.15	387.48	520.60	813.78	-	-	4.00	0.80	26.95	11.62	15.93	-	846.05	65.77	17.50	32.90	260.46	-	3,840.53
Impounding Hydro	245.00	435.00	360.00	338.80	39.13	-	-	-	-	-	-	-	-	486.10	-	-	-	260.46	-	2,164.49
Pumped Hydro	-	-	-	-	735.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	735.96
Run-of-River (ROR)	78.55	78.15	27.48	181.80	38.68	-	-	4.00	0.80	26.95	11.62	15.93	-	359.95	65.77	17.50	32.90	-	-	940.07
Wind	-	282.90	-	-	54.00	-	-	-	-	90.00	-	-	-	-	-	-	-	-	-	426.90
Onshore Wind	-	282.90	-	-	54.00	-	-	-	-	90.00	-	-	-	-	-	-	-	-	-	426.90
Off-shore Wind (OSW)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	418	2,637	637	7,476	9,970	0	371	493	944	726	1,263	927	134	2,644	845	541	162	279	10	30,479
Energy Storage System (ESS)	-	68.49	32.43	202.09	60.05	-	-	-	34.71	-	47.06	47.49	-	45.66	96.12	-	-	-	-	634.09
Battery ESS	-	68.49	32.43	202.09	60.05	-	-	-	34.71	-	47.06	47.49	-	45.66	47.12	-	-	-	-	585.09
Hybrid ESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.00	-	-	-	-	49.00

Note:
Excluding off grid generators