

Availability at Daily Maximum Demand Hour

ST-Coal	9,956 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,287 MW
Distillate	0 MW
Others	0 MW
Gas	9,767 MW
Co-Gen	0 MW
Total System	23,940 MW

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 3/26/2024	420,162 MWH

Gas Usage

Station	(mmscfd)
Total Gas	0

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Set On Bus And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	20,738 MW
Spinning Reserve	1,476 MW
Maximum Demand	19,187 MW
Net Energy	415,959 MWH
Load Factor	90 %

Total Gas Required	0
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Generation Mix

Type	MWh	Percentage
ST-Coal	233,503	56.14 %
LSS	6,549	1.57 %
Hydro	12,540	3.01 %
Gas	163,497	39.31 %
Co-Gen	381	0.09 %
Total Generation	416,470	100.12 %
PLTG	-349	-0.08 %
EGAT	5	0.00 %
HVDC	855	0.21 %
Interconnection	511	0.12 %
Net Energy	415,959	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	710
Hydro	243
Syncon	810
Thermal	169
Total	1,932

Time Weather Temperature

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	17934	16955	16356	15805	15360	15282	15169	14918	15099	16473	17190	17636	17630	17515	18643	19017	19165	18536	17819	17915	18667	19027	18755	18459

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, April 2, 2024 5:45:54 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Wednesday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																								
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
Total Solar		0	0	0	0	0	0	0	0	0	15	96	238	385	559	687	862	845	877	898	937	854	768	723	723	703	700	716	508	423	281	157	109	26	3	0	0	0	0	0	0	0	0						
ESTL	ESTL	17	29	24	8	13	2	1	21	27	22	9	19	18	19	20	30	29	28	21	16	28	17	25	24	28	20	28	23	24	19	18	28	24	26	18	14	19	15	29	29	23	27	29	24	20	28	32	27
PCUF	CUFG	21	20	21	21	23	23	23	23	22	23	23	23	22	22	21	22	21	23	22	20	22	21	22	22	21	20	21	21	21	19	20	20	20	20	21	21	21	21	20	21	21	22	20	20	22	21	20	
PCUF	CUFK	29	30	32	30	28	29	20	20	20	19	23	26	27	27	28	29	31	32	30	29	14	12	14	16	16	16	17	16	19	20	20	18	9	4	4	3	5	3	4	4	4	4	14	16	15	15	15	15
Total NEDA Co-Gen		67	79	77	59	64	54	44	64	69	64	55	68	68	68	70	80	82	81	74	67	62	51	60	62	66	57	64	61	61	59	57	68	62	55	42	39	43	41	53	53	48	52	65	60	55	65	68	62
Total NEDA Solar		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Generation		17969	17536	16955	16754	16412	16169	15883	15711	15429	15401	15327	15244	15208	15378	14975	14743	15119	16013	16492	16847	17207	17417	17691	17918	17746	17621	17561	18335	18731	19069	19090	19320	19293	19105	18625	18111	17898	17842	17986	18300	18690	19084	19098	19118	18825	18776	18527	18142
KHTC	BLK1	-43	-42	-43	-41	-44	-42	-40	-38	-37	-35	-35	-33	-31	-29	-29	-29	-31	-36	-40	-42	-45	-48	-48	-53	-57	-55	-57	-57	-63	-61	-62	-62	-63	-63	-61	-53	-50	-48	-47	-46	-44	-44	-44	-46	-44	-42	-38	-39
Total Franchise Area		-43	-42	-43	-41	-44	-42	-40	-38	-37	-35	-35	-33	-31	-29	-29	-29	-31	-36	-40	-42	-45	-48	-48	-53	-57	-55	-57	-57	-63	-61	-62	-62	-63	-63	-61	-53	-50	-48	-47	-46	-44	-44	-44	-46	-44	-42	-38	-39
Singapore		-35	-53	-70	-6	-15	-18	11	13	5	-24	-18	-31	-20	16	1	-9	-40	-46	-48	-61	-54	-40	-19	5	33	-31	-37	-41	-1	-3	-15	46	39	8	3	-4	3	-2	-3	-6	-49	-27	0	-15	-3	-19	2	-22
Thailand		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Interconnection		-5	-23	-40	24	15	13	41	43	35	6	13	-1	11	47	31	21	-8	-15	-18	-31	-24	-10	11	35	63	-1	-7	254	29	27	15	75	69	38	32	26	33	28	27	24	-18	4	30	15	29	13	33	10
Total Demand		17934	17520	16955	16692	16356	16117	15805	15633	15360	15363	15282	15215	15169	15305	14918	14696	15099	15995	16473	16839	17190	17383	17636	17834	17630	17571	17515	18028	18643	18985	19017	19187	19165	19008	18536	18036	17819	17770	17915	18233	18667	19039	19027	19060	18755	18724	18459	18096
SRev ST-Coal		143	148	174	147	144	233	287	274	298	265	283	278	297	246	281	229	165	150	144	186	161	162	153	158	180	153	180	157	154	168	152	158	173	177	171	175	154	158	186	155	172	167	205	204	178	191	184	254
SRev CCGT-Gas		644	595	933	1153	1694	1734	1909	2104	2364	2467	2508	2592	2612	2430	2725	2971	2727	2029	1715	1565	1382	1346	1162	928	1095	1461	1571	828	505	450	488	337	355	317	559	796	915	912	667	551	419	242	202	161	262	215	470	335
Syncon		890	890	978	978	978	978	978	978	978	978	978	978	978	978	978	928	1079	1079	1079	1079	1079	1079	1079	1079	1079	978	978	978	791	640	827	827	827	827	827	827	827	827	827	827	640	365	365	365	552	739	739	701
Hydro		299	305	227	247	243	243	270	280	283	236	242	259	250	269	289	375	219	179	180	182	179	188	179	215	223	140	140	73	187	182	151	154	158	155	275	403	398	403	405	215	314	436	437	432	400	306	310	362
S.Reserve Total		1976	1938	2311	2525	3059	3188	3445	3636	3923	3945	4011	4107	4137	3923	4274	4504	4190	3437	3118	3014	2801	2775	2573	2380	2577	2732	2869	2036	1637	1439	1617	1476	1513	1476	1831	2201	2294	2300	2085	1748	1545	1210	1210	1163	1392	1450	1703	1651