

Availability at Daily Maximum Demand Hour

ST-Coal	9,292 MW
ST-Gas	436 MW
ST-Oil	0 MW
LSS	1,440 MW
Hydro	2,232 MW
Distillate	0 MW
Others	0 MW
Gas	9,337 MW
Co-Gen	0 MW
Total System	22,737 MW

Maximum Demand Record

Date: 4/29/2024	20,028 MW
Date: 4/3/2024	423,300 MWH

Set On Bus And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	20,657 MW
Spinning Reserve	1,468 MW
Maximum Demand	19,251 MW
Net Energy	413,874 MWH
Load Factor	90 %

Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	185
CBPS	49
EMPP	290
KLPP	71
NPRI	73
PCGP	87
SGRI	102
SKSP	50
SPGP	205
PKLG	29
Total Gas	1,170

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
ST-Coal	218,819	52.87 %
ST-Gas	2,750	0.66 %
LSS	8,657	2.09 %
Hydro	13,210	3.19 %
Gas	170,970	41.31 %
Co-Gen	-718	-0.17 %
Total Generation	413,688	99.96 %
PLTG	-922	-0.22 %
HVDC	736	0.18 %
Interconnection	-186	-0.04 %
Net Energy	413,874	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	594
Hydro	330
Syncon	609
Thermal	226
Total	1,759

Total Gas Required 1,170

Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	24

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	17603	16700	16165	15660	15164	14874	14959	14868	14967	16473	17340	18032	17909	17956	18439	19236	19229	18825	17788	17781	18847	18681	18201	18048

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, May 17, 2024 2:29:02 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Friday

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
Total 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
ESTL	ESTL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	26	27	27	27	26	25	26	28	26	27	27	28	27	26	27	26	26	26	25	26	28	29	27	27
PCUF	CUFK	3	3	3	5	3	3	2	3	1	2	4	3	4	2	3	3	5	2	5	2	3	3	4	4
Total NEDA Co-Gen		29	30	30	32	29	28	28	31	27	29	31	31	31	29	29	30	39	29	31	28	31	30	31	31
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
Total Generation		17641	17239	16839	16531	16235	15880	15726	15451	15290	15114	14948	14862	14973	14996	14921	14600	14946	15837	16452	16927	17252	17639	18052	18237
ESTL	ESTL	0	0	0	-11	-2	-2	-8	-11	0	-6	0	0	-1	-1	-3	0	0	0	0	0	0	0	0	0
KHTC	BLK1	-64	-62	-59	-58	-58	-58	-54	-51	-51	-50	-47	-48	-49	-51	-57	-62	-63	-67	-68	-66	-68	-71	-71	-70
Total Franchise Area		-64	-62	-59	-69	-60	-60	-62	-62	-51	-56	-47	-48	-51	-47	-49	-52	-51	-57	-62	-63	-67	-68	-66	-68
Singapore		-55	-21	51	-18	-19	-3	-23	-12	46	44	1	3	-65	-42	-22	-43	-100	-117	-110	-81	-183	-109	-75	-12
Thailand		32	31	31	31	31	31	29	32	32	29	29	31	31	31	30	30	30	30	30	30	30	30	30	30
Interconnection		-23	9	83	14	13	28	7	20	78	73	30	34	-34	-11	7	-13	-69	-87	-80	-51	-152	-78	-43	18
Total Demand		17603	17171	16700	16451	16165	15795	15660	15372	15164	14988	14874	14783	14959	14963	14868	14564	14967	15870	16473	16918	17340	17652	18032	18154
SRev ST-Coal		332	256	269	260	256	295	257	251	256	244	369	434	377	405	382	403	407	289	208	187	170	230	179	188
SRev CCGT-Gas		695	878	1041	1230	1428	1744	1761	1965	2115	2306	2346	2341	2295	2240	2326	2666	2446	1847	1607	1409	1237	833	584	515
SRev ST-Gas		31	32	31	31	31	32	32	31	31	31	31	31	31	31	31	31	31	31	31	31	32	39	39	38
SRev Co-Gen		0	0	0	0	1	0	0	-1	0	0	0	0	0	0	1	0	-1	0	1	0	-1	0	-1	0
Syncon		516	703	703	552	703	703	804	804	804	804	804	804	835	804	653	804	892	892	703	791	791	703	703	703
Hydro		257	115	114	242	118	115	109	187	189	188	191	193	185	186	200	349	184	198	131	132	126	93	116	134
S.Reserve Total		1831	2071	2245	2402	2624	2976	3050	3324	3482	3660	3828	3891	3780	3784	3861	4189	3958	3257	2870	2550	2355	1986	1707	1665