

Availability at Daily Maximum Demand Hour

ST-Coal	8,801 MW
ST-Gas	589 MW
ST-Oil	0 MW
LSS	1,190 MW
Hydro	2,537 MW
Distillate	0 MW
Others	0 MW
Gas	7,753 MW
Co-Gen	0 MW
Total System	20,870 MW

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Gas Usage

Station	(mmscfd)
GLGR	29
SRDG	3
TJGS	165
CBPS	54
EMPP	103
KLPP	81
PCGP	88
PLPS	89
SGRI	104
SKSP	32
SPGP	206
Total Gas	955

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Set On Bus And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,975 MW
Spinning Reserve	1,130 MW
Maximum Demand	17,837 MW
Net Energy	373,150 MWH
Load Factor	87 %

Generation Mix

Type	MWh	Percentage
ST-Coal	194,164	52.03 %
LSS	6,830	1.83 %
Hydro	30,158	8.08 %
Gas	139,108	37.28 %
Co-Gen	1,932	0.52 %
Total Generation	372,192	99.74 %
PLTG	-263	-0.07 %
EGAT	5	0.00 %
HVDC	-700	-0.19 %
Interconnection	-958	-0.26 %
Net Energy	373,150	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	500
Hydro	499
Syncon	442
Thermal	147
Total	1,588

Total Gas Required 955

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	14513	13759	13376	12793	12616	12425	12762	13038	13646	15253	16197	16781	16514	16200	17110	17494	17780	17564	16587	16849	17758	17676	17094	16678

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, February 13, 2024 12:54:54 AM
 (Ir. Shanmugam Thoppalan)
 Head
 Grid System Operator

Daily MW Generation on Tuesday

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 Solar		0	0	0	0	0	0	0	0	0	0	0	0	0	1	66	178	305	477	650	703	810	886	905	966	976	935	972	964	847	814	679	552	409	279	198	83	18	0	0	0	0	0	0	0	0	0	0	0	0		
ESTL	ESTL	32	28	28	28	26	28	30	24	28	28	28	27	24	22	30	28	24	22	24	25	28	30	30	26	26	25	24	22	23	26	26	25	27	27	29	28	23	25	27	26	26	28	26	29	24	30	27				
PCUF	CUFG	14	14	15	15	16	16	15	15	15	16	20	19	19	20	19	19	19	19	19	20	18	18	20	19	21	21	20	20	20	20	21	20	20	21	20	19	21	20	20	21	21	19	21	20	21	20	21	20			
PCUF	CUFK	30	30	29	29	32	29	30	29	29	31	28	30	29	30	30	29	30	29	30	28	28	28	28	28	28	28	28	28	29	28	27	29	29	28	29	28	28	30	28	30	29	29	30	31	30	31	30	31	30		
PFTZ	PFTZ	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
Total NEDA Co-Gen		82	78	78	78	80	79	81	74	78	81	82	83	81	80	78	84	83	78	77	78	80	82	82	82	80	79	80	79	77	77	79	79	81	82	81	85	82	76	82	81	82	82	84	81	87	80	88	83			
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	0	0	0
Total Generation		14472	14026	13661	13471	13299	13020	12750	12528	12574	12493	12402	12526	12735	13002	12988	13006	13607	14613	15182	15743	16129	16437	16727	16715	16454	16425	16099	16484	17068	17274	17464	17549	17777	17842	17557	17091	16585	16446	16813	17573	17738	17790	17659	17461	17056	16902	16615	16313			
Total Franchise Area		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	0	0	0
Singapore		-10	-43	-63	-19	-44	-32	-10	-25	-11	4	11	-10	7	-6	-18	-11	-7	-14	-40	-35	-36	-52	-22	6	-29	-61	-68	-28	-10	4	2	12	28	36	24	13	31	1	-3	-13	12	21	14	21	-6	-23	-30	7			
Thailand		-28	-28	-31	-29	-30	-29	-30	-29	-28	-29	-30	-30	-30	-31	-29	-31	-28	-29	-28	-28	-30	-30	-30	-28	-29	-30	-31	-29	-30	-29	-30	-28	-28	-29	-29	-30	-30	-30	-28	-29	-29	-29	-29	-28	-29	-28	-30	-28			
Interconnection		-38	-70	-95	-48	-74	-61	-40	-54	-39	-24	-20	-40	-24	-37	-47	-41	-36	-43	-68	-63	-65	-82	-51	-24	-57	-90	-98	-59	-39	-26	-27	-19	0	8	-4	-16	1	-29	-33	-41	-17	-8	-14	-7	-35	-51	-60	-21			
Total Demand		14513	14099	13759	13522	13376	13084	12793	12585	12616	12520	12425	12569	12762	13042	13038	13050	13646	14659	15253	15809	16197	16522	16781	16742	16514	16518	16200	16546	17110	17303	17494	17571	17780	17837	17564	17110	16587	16478	16849	17617	17758	17801	17676	17471	17094	16956	16678	16337			
SRev ST-Coal		226	475	479	493	467	468	537	553	556	539	559	545	539	541	551	549	550	366	149	148	130	163	137	145	135	149	170	146	147	153	151	159	149	142	158	154	154	173	150	152	158	139	140	142	149	122	149	133			
SRev OCGT-Gas		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	90	1	-1	-2	93	0	0	0		
SRev CCGT-Gas		771	437	442	492	417	413	545	541	476	556	567	555	435	370	382	503	430	901	1354	691	680	581	391	425	708	781	1286	967	729	748	424	354	337	228	228	355	736	793	566	237	243	234	243	278	446	446	559	415			
SRev Co-Gen		0	1	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		
Syncon		651	651	651	651	651	651	500	525	525	651	651	651	651	651	651	651	464	464	651	651	651	313	651	651	651	651	651	651	651	651	464	277	277	277	277	464	464	464	126	126	126	126	277	277	277	464	277				
Hydro		549	448	415	440	428	414	470	577	496	533	475	467	420	410	410	463	540	436	390	455	426	623	450	466	471	473	424	416	493	473	494	555	558	483	597	789	568	505	439	412	272	337	462	490	611	566	384	456			
S.Reserve Total		2197	2012	1987	2076	1963	1946	2203	2171	2053	2153	2252	2218	2045	1972	1994	2166	1984	2167	2544	1945	1887	1680	1629	1687	1965	2054	2531	2180	2020	2025	1720	1532	1321	1130	1260	1575	1922	1935	1619	1052	1014	962	1095	1185	1576	1411	1556	1281			