

### Availability at Daily Maximum Demand Hour

ST-Coal	9,850 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,300 MW
Distillate	0 MW
Others	0 MW
Gas	9,267 MW
Co-Gen	0 MW
<b>Total System</b>	<b>23,597 MW</b>

### 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	20,827 MW
Spinning Reserve	1,160 MW
Maximum Demand	19,539 MW
Net Energy	417,812 MWH
Load Factor	89 %

### Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	52	<b>Total</b>	<b>0</b>
TJGS	187		
CBPS	48		
EMPP	292		
KLPP	52		
NPRI	73		
PCGP	85		
SGRI	96		
SKSP	49		
SPGP	204		
<b>Total Gas</b>	<b>1,137</b>		

### Alternate Fuel Usage

### Generation Mix

Type	MWh	Percentage
ST-Coal	229,845	55.01 %
LSS	7,315	1.75 %
Hydro	12,736	3.05 %
Gas	169,947	40.68 %
Co-Gen	-429	-0.10 %
<b>Total Generation</b>	<b>419,414</b>	<b>100.38 %</b>
PLTG	170	0.04 %
EGAT	5	0.00 %
HVDC	1,427	0.34 %
<b>Interconnection</b>	<b>1,602</b>	<b>0.38 %</b>
<b>Net Energy</b>	<b>417,812</b>	<b>100.00 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	467
Hydro	361
Syncon	608
Thermal	187
<b>Total</b>	<b>1,623</b>

**Total Gas Required** **1,137**

#### 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	17438	16556	16061	15513	15137	14950	15089	14943	15216	16929	17915	18381	18147	17998	18746	19378	19492	19077	17976	17909	19000	18971	18464	18163

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, May 24, 2024 9:42:09 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	51	171	303	459	589	645	850	1011	921	1080	1084	1088	1155	992	929	795	813	565	368	309	218	148	81	22	0	0	0	0	0	0	0	0	0	0	0	0	
ESTL	ESTL	14	13	11	9	0	12	11	12	9	6	11	12	12	15	11	14	13	12	11	6	6	13	0	11	6	10	5	2	7	10	10	10	12	6	4	1	0	8	8	13	5	10	0	6	0	14	12	12		
PCUF	CUFG	28	26	27	26	27	27	28	29	29	29	27	27	29	28	28	29	27	28	28	29	27	28	26	27	27	27	25	27	27	27	28	28	29	29	28	28	28	27	29	29	29	28	28	29	30	29				
PCUF	CUFK	3	3	2	3	3	4	2	5	4	3	2	2	3	2	1	5	3	2	4	3	3	2	5	3	3	4	3	1	2	2	1	3	3	3	2	2	2	2	4	4	2	3	4	20	30	31	31	31		
Total NEDA Co-Gen		45	42	40	38	30	43	41	46	42	38	40	41	44	45	40	46	45	41	43	37	38	42	33	40	36	41	35	28	36	39	38	40	43	37	35	32	30	38	40	44	36	42	33	54	58	74	73	72		
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
Total Generation		17562	17135	16719	16426	16178	15948	15625	15397	15266	15045	15107	15048	15199	15368	15042	14883	15265	16225	16943	17420	17937	18210	18419	18629	18349	18178	18138	18415	18827	19380	19533	19762	19783	19733	19249	18712	18142	17776	17942	18904	19119	19136	19081	18867	18608	18459	18275	17987		
KHTC	BLK1	-56	-54	-56	-51	-51	-52	-52	-51	-50	-51	-48	-48	-49	-46	-47	-49	-51	-58	-62	-67	-69	-68	-72	-71	-75	-76	-75	-72	-75	-76	-80	-77	-76	-69	-64	-62	-60	-58	-59	-61	-56	-57	-55	-53	-52	-51	-52	-50		
Total Franchise Area		-56	-54	-56	-51	-51	-52	-52	-51	-50	-51	-48	-48	-49	-46	-47	-49	-51	-58	-62	-67	-69	-68	-72	-71	-75	-76	-75	-72	-75	-76	-80	-77	-76	-69	-64	-62	-60	-58	-59	-61	-56	-57	-55	-53	-52	-51	-52	-50		
Singapore		13	45	49	19	9	35	4	19	22	36	51	21	4	49	-5	-55	-57	-84	-106	-98	-102	-69	-90	85	70	-9	8	-15	-51	57	19	137	158	68	51	68	49	5	-83	-64	7	5	-3	1	38	2	4	20		
Thailand		59	61	61	60	60	60	59	59	60	60	60	60	60	60	60	60	60	60	61	61	58	59	59	58	60	60	59	60	60	59	59	61	61	60	60	59	59	60	60	59	57	61	61	58	59	59	61			
Interconnection		71	106	110	79	69	95	63	78	82	96	112	82	64	109	55	5	1	-24	-45	-37	-44	-10	-31	144	130	51	68	44	9	117	78	196	218	128	111	128	109	65	-23	-4	66	62	58	62	95	61	63	80		
Total Demand		17438	16978	16556	16299	16061	15804	15513	15271	15137	14901	14950	14921	15089	15216	14943	14832	15216	16194	16929	17393	17915	18155	18381	18417	18147	18054	17998	18302	18746	19190	19378	19492	19492	19539	19077	18525	17976	17656	17909	18850	19000	19020	18971	18755	18464	18350	18163	17860		
SRev ST-Coal		167	170	169	144	151	197	162	151	235	230	245	247	281	232	301	243	239	261	174	173	164	196	168	185	207	193	187	190	177	199	196	172	212	205	187	200	208	185	193	195	197	198	186	198	169	188	186	168		
SRev CCGT-Gas		841	929	1113	1406	1473	1634	2022	2235	2327	2519	2442	2505	2382	2302	2663	2963	2706	1873	1415	1101	647	482	483	284	680	759	800	760	384	373	413	346	245	232	282	413	663	917	808	215	228	245	297	267	474	715	772	736		
SRev Co-Gen		0	0	2	0	-1	0	0	1	-1	0	0	0	1	-1	0	0	0	-1	0	0	0	-3	0	0	1	1	0	-1	-1	0	0	2	0	2	0	2	0	0	1	0	0	0	1	0	0	0	0	0		
Syncon		703	703	890	804	991	991	840	991	991	840	840	991	991	991	991	1079	1079	991	840	840	991	991	991	565	565	991	991	991	978	277	428	278	428	277	277	464	804	991	991	464	464	428	428	703	804	804	804	840		
Hydro		263	284	299	233	112	148	267	147	148	279	281	145	146	147	148	151	149	139	275	237	109	158	128	356	460	149	152	125	119	439	282	304	336	444	598	409	309	198	116	426	423	430	436	327	311	216	201	343		
S.Reserve Total		1974	2173	2560	2674	2813	3057	3378	3612	3787	3955	3895	3975	3888	3758	4190	4436	4173	3350	2791	2438	1998	1911	1857	1477	2000	2180	2217	2152	1657	1288	1319	1102	1221	1160	1431	1575	2071	2378	2196	1300	1312	1301	1348	1495	1758	1923	1963	2174		