

### Availability at Daily Maximum Demand Hour

ST-Coal	10,380 MW
ST-Gas	296 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,426 MW
Distillate	0 MW
Others	0 MW
Gas	9,337 MW
Co-Gen	0 MW
<b>Total System</b>	<b>24,029 MW</b>

### Maximum Demand Record

Date: 5/29/2024	20,045 MW
Date: 5/29/2024	423,825 MWH

### Gas Usage

Station	(mmscfd)
GLGR	34
TJGS	175
CBPS	45
EMPP	291
KLPP	58
NPRI	88
PCGP	82
SGRI	69
SPGP	193
<b>Total Gas</b>	<b>1,036</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### Set On Bus And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	20,809 MW
Spinning Reserve	1,183 MW
Maximum Demand	19,612 MW
Net Energy	422,564 MWH
Load Factor	90 %

### Generation Mix

Type	MWh	Percentage
ST-Coal	245,709	58.15 %
LSS	8,637	2.04 %
Hydro	14,741	3.49 %
Gas	155,683	36.84 %
Co-Gen	-568	-0.13 %
<b>Total Generation</b>	<b>424,202</b>	<b>100.39 %</b>
PLTG	208	0.05 %
EGAT	5	0.00 %
HVDC	1,425	0.34 %
<b>Interconnection</b>	<b>1,638</b>	<b>0.39 %</b>
<b>Net Energy</b>	<b>422,564</b>	<b>100.00 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	640
Hydro	346
Syncon	749
Thermal	158
<b>Total</b>	<b>1,893</b>

**Total Gas Required 1,036**

#### 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	17792	17051	16407	15932	15432	15182	15004	15050	15225	16931	17750	18407	18131	17953	18802	19345	19507	19384	18244	18199	19372	19412	18894	18610

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, May 31, 2024 12:39:34 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator



### Daily MW Generation on Thursday

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	54	187	305	562	719	821	979	1089	1194	1159	1164	1263	1229	1134	1030	1087	1100	727	638	349	249	147	80	21	0	0	0	0	0	0	0	0	0	0	0	0	0		
ESTL	ESTL	0	0	0	0	2	8	5	1	0	0	0	0	10	12	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	5		
PCUF	CUFG	31	33	32	30	31	31	31	30	32	32	32	31	31	32	31	31	31	33	32	31	32	31	31	30	31	31	31	31	31	31	32	32	31	32	31	32	33	33	32	33	31	32	32	31	32	31			
PCUF	CUFK	0	0	4	2	2	2	3	3	3	4	2	4	2	3	3	4	3	2	2	3	2	4	4	4	4	2	2	2	3	3	2	4	3	2	2	3	5	4	3	4	3	4	3	3	3				
PFTZ	PFTZ	0	7	7	7	7	7	7	7	7	7	7	6	7	7	7	6	7	6	6	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	
Total NEDA Co-Gen		31	40	43	39	40	42	49	45	43	42	43	41	41	40	52	53	46	44	41	40	41	41	42	42	41	42	41	41	44	44	44	40	41	41	42	42	41	43	41	41	44	43	44	44	41	43	42	46	
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
Total Generation		17957	17581	17144	16937	16554	16222	16136	15818	15557	15390	15334	15289	15169	15236	15139	14931	15284	16356	17009	17482	17906	18164	18563	18539	18376	17985	18120	18655	18945	19355	19458	19553	19633	19696	19502	18941	18394	18032	18329	19351	19528	19647	19511	19285	19065	18867	18756	18408	
ESTL	ESTL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	0	0	-2	-6	-5	-2	0	0	0	0	0	0	-2	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	
KHTC	BLK1	-60	-61	-55	-59	-58	-55	-55	-54	-52	-52	-52	-51	-54	-53	-55	-60	-64	-65	-70	-70	-71	-78	-76	-77	-77	-78	-78	-82	-91	-96	-98	-89	-73	-66	-63	-64	-66	-66	-62	-65	-64	-62	-64	-63	-60	-58	-58		
Total Franchise Area		-60	-61	-55	-59	-58	-55	-55	-54	-52	-52	-52	-51	-54	-53	-55	-60	-64	-65	-70	-70	-71	-78	-76	-77	-77	-78	-78	-82	-91	-96	-98	-89	-73	-68	-65	-64	-66	-66	-62	-65	-64	-62	-64	-63	-60	-58	-58		
Singapore		50	29	-19	57	32	17	92	92	15	41	43	22	58	1	-19	-18	-58	-89	-42	-38	29	-38	21	17	112	15	26	109	1	-45	-41	-7	-21	-44	-6	0	30	-42	7	-10	35	1	-19	-16	52	-37	30	-8	
Thailand		59	60	60	60	60	60	60	60	60	59	59	58	60	60	58	60	60	58	60	60	60	60	60	60	60	61	61	60	60	60	61	58	59	59	59	58	61	60	59	59	59	59	59	59	59	59	58	61	58
Interconnection		108	89	41	117	92	77	152	153	76	100	103	81	117	61	39	42	2	-31	16	22	89	21	81	78	171	75	86	170	62	15	20	53	40	14	53	59	89	16	67	50	94	61	40	43	111	21	91	50	
Total Demand		17792	17434	17051	16764	16407	16093	15932	15614	15432	15241	15182	15159	15004	15124	15050	14837	15225	16326	16931	17393	17750	18075	18407	18388	18131	17834	17953	18405	18802	19252	19345	19405	19507	19612	19384	18820	18244	17953	18199	19242	19372	19525	19412	19181	18894	18789	18610	18303	
SRev ST-Coal		177	187	172	161	178	163	178	182	166	213	200	204	203	234	244	261	261	227	190	174	154	152	151	171	209	175	147	162	156	141	151	160	165	132	129	133	137	123	150	158	146	148	156	157	177	156	141	173	
SRev CCGT-Gas		876	818	1011	1169	1548	1896	1977	2184	2492	2535	2645	2678	2720	2549	2657	2709	2645	2162	1858	1611	1211	1118	809	890	1005	1424	1778	1287	982	417	321	252	243	234	251	382	651	1047	817	208	176	164	162	158	308	567	216	347	
SRev Co-Gen		-1	0	0	-1	0	0	2	1	-3	0	0	0	-3	0	0	0	0	-3	-1	0	-1	0	-1	0	0	0	0	0	0	0	0	1	-1	1	0	3	0	-2	-1	-1	1	0	0	1	-2	-1			
Syncon		991	840	991	991	991	991	991	991	1142	1142	1142	1142	991	1041	1041	1041	1041	890	890	1041	1041	1041	890	1041	891	890	1041	1041	1142	991	428	277	277	615	953	1041	1041	428	277	277	277	615	766	766	766	615			
Hydro		237	368	182	138	135	136	133	280	247	135	142	142	144	165	114	244	74	47	78	212	211	68	77	105	230	91	81	211	89	155	241	366	481	539	550	471	239	216	211	399	500	390	671	562	458	118	234	424	
S.Reserve Total		2367	2300	2443	2545	2939	3273	3368	3725	3980	4112	4216	4253	4293	4026	4143	4342	4108	3474	3166	2887	2552	2466	2164	2294	2421	2818	2984	2637	2355	1841	1855	1769	1317	1183	1206	1689	2067	2517	2306	1191	1098	978	1267	1492	1709	1695	1442	1645	