

### Availability at Daily Maximum Demand Hour

ST-Coal	10,262 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,512 MW
Distillate	0 MW
Others	0 MW
Gas	9,677 MW
Co-Gen	0 MW
<b>Total System</b>	<b>24,631 MW</b>

### Maximum Demand Record

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

### Gas Usage

Station	(mmscfd)
GLGR	29
CBPS	43
EMPP	269
NPRI	141
PCGP	86
SPGP	208
<b>Total Gas</b>	<b>776</b>
<b>Total Gas Required</b>	<b>776</b>

### Alternate Fuel Usage

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

### Set On Bus And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	16,528 MW
Spinning Reserve	1,375 MW
Maximum Demand	15,153 MW
Net Energy	318,501 MWH
Load Factor	88 %

### Generation Mix

Type	MWh	Percentage
ST-Coal	177,173	55.63 %
LSS	8,358	2.62 %
Hydro	11,573	3.63 %
Gas	121,510	38.15 %
Co-Gen	290	0.09 %
<b>Total Generation</b>	<b>318,904</b>	<b>100.13 %</b>
PLTG	-322	-0.10 %
EGAT	5	0.00 %
HVDC	720	0.23 %
<b>Interconnection</b>	<b>403</b>	<b>0.13 %</b>
<b>Net Energy</b>	<b>318,501</b>	<b>100.00 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	769
Hydro	349
Syncon	759
Thermal	840
<b>Total</b>	<b>2,717</b>

#### 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	15073	14389	13748	13260	12777	12535	12543	12439	11825	11717	12039	12125	12214	12340	12783	13058	13169	13428	13308	13854	15106	15153	14908	14613

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, June 20, 2024 11:17:24 AM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator



### Daily MW Generation on Monday

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 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		15148	14766	14386	13983	13808	13651	13342	13108	12858	12816	12565	12498	12560	12589	12505	12132	11867	11713	11715	11816	12063	12168	12201	12337	12331	12404	12418	12632	12809	13079	13129	13170	13225	13541	13566	13432	13373	13504	13927	14685	15123	15162	15195	15073	14975	14833	14631	14532		
ESTL	ESTL	0	0	-2	-3	-16	-12	0	0	-13	-14	-14	-15	0	-8	0	0	0	-8	-16	-14	-14	-11	-10	-12	-2	-20	-19	-17	-14	-12	0	-12	-7	-1	-2	-8	-1	0	0	0	0	-13	-8	-9	-11	-11	-10	0		
KHTC	BLK1	-30	-30	-28	-31	-30	-31	-31	-30	-27	-25	-28	-27	-29	-29	-26	-28	-27	-34	-33	-33	-34	-30	-33	-33	-32	-32	-36	-36	-40	-40	-43	-38	-41	-36	-37	-35	-35	-34	-37	-35	-36	-37	-35	-36	-36	-33	-31			
Total Franchise Area		-30	-30	-30	-34	-46	-43	-31	-31	-43	-41	-39	-43	-27	-37	-29	-26	-28	-35	-50	-47	-47	-45	-40	-45	-35	-52	-51	-53	-50	-52	-40	-55	-45	-42	-38	-45	-36	-35	-34	-37	-35	-49	-45	-44	-47	-47	-43	-31		
Singapore		17	-49	-60	-28	-14	-4	25	-27	11	-15	-36	-40	-36	39	10	-26	-14	-36	-78	-73	-52	-51	8	15	55	-10	0	-110	-51	-2	4	-36	-17	131	73	2	2	31	12	-63	-47	-43	-31	0	-8	-1	-53	30		
Thailand		31	31	30	30	30	30	30	30	30	30	30	29	29	31	31	31	29	29	31	31	31	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	29	31	30	30	29		
Interconnection		48	-18	-30	2	17	26	54	3	41	15	-6	-10	-7	68	40	4	17	-5	-49	-43	-20	-20	39	44	85	20	30	-79	-21	29	34	-5	14	161	103	31	32	61	42	-32	-15	-11	0	29	23	29	-22	60		
Total Demand		15073	14757	14389	13950	13748	13585	13260	13077	12777	12763	12535	12468	12543	12487	12439	12105	11825	11686	11717	11815	12039	12146	12125	12251	12214	12335	12340	12661	12783	13001	13058	13123	13169	13341	13428	13359	13308	13411	13854	14683	15106	15127	15153	15003	14908	14760	14613	14444		
SRev ST-Coal		584	626	628	783	796	795	793	831	845	879	934	940	926	938	941	938	941	982	983	983	983	981	985	980	980	979	980	983	976	984	966	968	968	968	967	966	961	964	730	543	538	538	530	538	557	582	645	698		
SRev CCGT-Gas		245	127	492	727	981	1116	1327	1433	1533	1176	1163	1201	1182	1141	1220	1348	1530	1563	1662	1647	1618	1463	1614	1578	1512	1486	1531	1108	939	594	675	499	257	78	80	141	94	86	186	60	79	102	105	131	96	146	216	103		
Syncon		991	991	991	991	991	991	840	991	991	991	991	991	991	991	840	991	840	991	991	991	903	903	903	752	903	903	903	903	752	903	903	991	991	991	991	991	991	840	991	991	991	618	428	365	516	516	516	516	703	703
Hydro		232	268	270	263	262	262	368	238	252	231	234	239	228	373	232	370	259	253	254	256	308	303	453	310	249	254	251	139	301	171	166	187	178	58	58	270	174	119	176	167	240	404	223	310	356	361	277	201		
S.Reserve Total		2050	2012	2381	2764	3030	3164	3327	3491	3621	3278	3322	3372	3327	3293	3383	3495	3722	3789	3890	3876	3899	3737	3891	3858	3733	3708	3752	3307	3142	2829	2884	2733	2482	2182	2183	2304	2305	2246	2170	1475	1370	1409	1375	1495	1525	1605	1842	1705		