

### Availability at Daily Maximum Demand Hour

ST-Coal	10,390 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,151 MW
Distillate	0 MW
Others	0 MW
Gas	8,646 MW
Co-Gen	0 MW
<b>Total System</b>	<b>23,367 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:	20:30:00 Hour
Total Set On Bus	18,993 MW
Spinning Reserve	1,213 MW
Maximum Demand	17,804 MW
Net Energy	390,571 MWH
Load Factor	91 %

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	168
CBPS	44
EMPP	291
KLPP	37
NPRI	70
PCGP	87
SGRI	35
SKSP	46
SPGP	42
<b>Total Gas</b>	<b>850</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	246,577	63.13 %
LSS	8,353	2.14 %
Hydro	9,140	2.34 %
Gas	126,524	32.39 %
Co-Gen	-321	-0.08 %
<b>Total Generation</b>	<b>390,273</b>	<b>99.92 %</b>
PLTG	391	0.10 %
EGAT	6	0.00 %
HVDC	-695	-0.18 %
<b>Interconnection</b>	<b>-298</b>	<b>-0.08 %</b>
<b>Net Energy</b>	<b>390,571</b>	<b>100.00 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,142
Hydro	270
Syncon	798
Thermal	175
<b>Total</b>	<b>2,385</b>

**Total Gas Required 850**

#### 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	17629	16875	16330	15711	15290	14939	14765	14433	13997	15020	15835	16308	16201	15978	16537	17031	17111	16876	16528	16821	17794	17719	17386	17168

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, May 17, 2024 2:59:36 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator



### Daily MW Generation on Saturday

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 Hydro		595	420	291	229	230	241	258	278	234	233	239	245	283	307	303	266	225	265	236	238	260	250	245	236	309	248	354	259	385	316	410	251	250	310	273	275	271	349	508	824	994	916	887	822	561	559	529	389		
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	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 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
ESTL	ESTL	18	16	17	18	14	21	22	16	18	13	12	12	12	16	19	20	22	18	12	13	14	20	23	16	16	14	12	8	8	10	15	16	13	14	14	11	10	10	10	16	12	14	13	14	0	10	0	0	12	
PCUF	CUFG	23	24	23	24	22	24	22	23	23	18	8	9	8	7	23	24	24	23	22	23	13	10	7	4	12	10	11	10	11	10	12	21	21	22	22	21	22	21	21	21	21	22	22	23	24	23	24	24	24	24
PCUF	CUFK	3	3	2	3	3	3	3	3	3	4	5	3	4	3	4	2	4	3	3	2	2	5	4	4	5	1	4	4	3	3	10	11	5	2	4	4	30	30	30	29	29	31	30	30	25	1	3	3	3	
Total NEDA Co-Gen		44	43	42	45	39	48	47	42	44	35	25	24	24	26	46	46	50	44	37	38	29	35	34	24	33	25	27	22	22	23	37	48	39	38	40	36	62	61	68	62	64	65	66	52	58	25	26	39		
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		17662	17272	16871	16616	16373	16086	15754	15479	15332	15103	14978	14727	14766	14810	14456	13992	13993	14626	14969	15387	15835	16148	16276	16423	16180	16011	16100	16463	16702	17139	17151	17130	17108	17134	17023	16779	16594	16610	16892	17667	17869	17839	17815	17668	17421	17346	17235	16943		
KHTC	BLK1	-50	-51	-49	-51	-53	-52	-51	-49	-49	-47	-47	-49	-48	-42	-41	-41	-43	-44	-44	-45	-46	-48	-45	-48	-50	-52	-55	-58	-61	-62	-64	-66	-66	-65	-64	-66	-67	-66	-64	-65	-62	-62	-60	-61	-65	-56	-52			
Total Franchise Area		-50	-51	-49	-51	-53	-52	-51	-49	-49	-47	-47	-49	-48	-42	-41	-41	-43	-44	-44	-45	-46	-48	-45	-48	-50	-52	-55	-58	-61	-62	-64	-66	-66	-65	-64	-66	-67	-66	-64	-65	-62	-62	-60	-61	-65	-56	-52			
Singapore		15	-9	-21	8	21	26	23	12	26	38	23	15	-17	-3	12	-50	-12	-28	-64	-67	-13	-44	-47	-50	-38	16	101	85	139	174	91	-49	-37	-8	114	79	32	10	36	4	43	4	66	72	6	25	43	-16		
Thailand		-29	-29	-29	-29	-29	-29	-28	-28	-30	-30	-28	-28	-29	-29	-28	-28	-29	-29	-29	-29	-28	-28	-29	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-30	-27	-29	-28	-28	-28	-30	-30		
Interconnection		-14	-37	-50	-21	-7	-3	-5	-16	-4	8	-5	-13	-45	-32	-16	-78	-42	-57	-92	-96	-42	-72	-77	-80	-66	-13	73	57	110	146	61	-78	-66	-37	85	50	3	-20	8	-24	13	-24	37	43	-23	-4	14	-46		
Total Demand		17629	17261	16875	16589	16330	16040	15711	15449	15290	15051	14939	14694	14765	14797	14433	14032	13997	14643	15020	15442	15835	16177	16308	16461	16201	15977	15978	16354	16537	16935	17031	17147	17111	17108	16876	16668	16528	16566	16821	17630	17794	17804	17719	17568	17386	17288	17168	16940		
SRev ST-Coal		205	181	232	178	182	257	173	287	329	399	240	176	169	168	168	474	416	291	313	158	158	185	158	160	160	178	149	179	157	172	167	167	171	174	160	167	171	160	152	175	174	194	179	167	170	165	176	207		
SRev CCGT-Gas		638	657	625	630	603	835	1187	1363	1426	1575	1605	1835	1841	1824	2196	2400	2471	2187	1989	1807	1393	1142	1138	1127	1719	1871	1980	1511	1463	938	1229	1124	1091	1071	1069	1138	1155	1033	781	264	234	227	238	318	307	352	423	557		
SRev Co-Gen		1	2	0	0	0	0	-1	0	0	-1	0	0	1	0	0	0	0	0	0	0	0	1	-1	0	1	1	0	0	0	0	1	0	0	1	2	-2	1	0	0	0	0	-1	-1	-1	0	0	0	0		
Syncon		615	653	741	741	741	741	741	590	741	741	741	741	741	741	741	892	892	892	892	892	892	741	892	892	892	892	892	892	892	892	892	892	892	741	892	892	1079	1079	703	703	428	465	615	615	676	676	613	1079		
Hydro		277	177	118	156	155	168	151	282	151	152	170	164	213	189	213	142	183	143	172	170	299	158	163	172	279	340	234	300	203	272	178	157	158	297	183	181	184	106	323	232	437	328	357	397	399	492	141			
S.Reserve Total		1736	1820	1866	1855	1851	2001	2251	2522	2671	2890	2756	2916	2965	2922	3318	3908	3962	3513	3366	3027	2591	2378	2350	2351	3051	3282	3255	2911	2715	2274	2467	2340	2312	2284	2306	2376	2590	2378	1959	1374	1273	1213	1388	1521	1675	1592	1704	1984		