

### Availability at Daily Maximum Demand Hour

ST-Coal	8,932 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,236 MW
Distillate	0 MW
Others	0 MW
Gas	8,974 MW
Co-Gen	0 MW
<b>Total System</b>	<b>22,322 MW</b>

### Maximum Demand Record

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

### Set On Bus And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	19,448 MW
Spinning Reserve	1,167 MW
Maximum Demand	18,331 MW
Net Energy	394,344 MWH
Load Factor	90 %

### Gas Usage

Station	(mmscfd)
GLGR	49
TJGS	94
CBPS	46
EMPP	292
KLPP	70
NPRI	146
PCGP	84
SGRI	100
SPGP	203
<b>Total Gas</b>	<b>1,086</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	210,043	53.26 %
LSS	6,836	1.73 %
Hydro	14,042	3.56 %
Gas	163,449	41.45 %
Co-Gen	-401	-0.10 %
<b>Total Generation</b>	<b>393,969</b>	<b>99.90 %</b>
PLTG	316	0.08 %
EGAT	6	0.00 %
HVDC	-697	-0.18 %
<b>Interconnection</b>	<b>-375</b>	<b>-0.10 %</b>
<b>Net Energy</b>	<b>394,344</b>	<b>100.00 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	371
Hydro	488
Syncon	579
Thermal	148
<b>Total</b>	<b>1,586</b>

**Total Gas Required 1,086**

#### 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	16467	15634	15121	14700	14267	14094	14321	14384	14646	16268	16904	17298	16768	16449	17292	17813	18050	17896	16989	17104	18160	18209	17546	17326

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, July 12, 2024 9:58:52 AM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator



### Daily MW Generation on Wednesday

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																											
PCUF	CUFK	30	31	29	29	29	29	28	29	30	30	30	30	31	30	29	12	14	14	13	13	13	11	11	13	11	13	12	13	13	12	12	13	21	29	30	28	30	30	29	28	31	30	30	29	29	30	29	30			
PFTZ	PFTZ	4	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
Total NEDA Co-Gen		46	45	44	45	45	47	43	45	45	45	46	48	49	46	31	35	36	34	38	38	36	36	39	37	40	39	39	40	35	35	34	45	51	54	52	52	52	52	53	47	48	46	44	48	46	47					
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		16467	16106	15728	15506	15145	14942	14794	14469	14337	14264	14121	14139	14300	14644	14401	14263	14613	15629	16211	16614	16902	17205	17364	17250	16763	16555	16545	16946	17277	17723	17912	18044	18120	18357	18071	17567	17095	16857	17169	17888	18202	18338	18243	18036	17612	17527	17339	16879			
ESTL	ESTL	-11	-6	-22	-32	-19	-18	-12	-2	0	-12	-13	-12	-9	-16	-15	-12	-10	-9	-12	-19	-10	-13	-17	-15	-16	-5	-4	-6	-3	-8	-11	-12	-19	-13	-10	-12	-13	-4	-16	-10	-9	-11	-13	-11	-13	-7	-7	-4			
KHTC	BLK1	-48	-48	-44	-44	-45	-45	-41	-44	-45	-44	-43	-40	-39	-37	-35	-36	-40	-46	-44	-43	-44	-44	-39	-42	-45	-47	-54	-60	-62	-65	-65	-68	-71	-71	-64	-61	-55	-53	-50	-50	-49	-49	-46	-46	-47	-49	-48				
Total Franchise Area		-59	-54	-66	-76	-64	-63	-53	-46	-45	-56	-56	-52	-48	-53	-50	-48	-50	-55	-56	-62	-54	-57	-56	-57	-61	-52	-58	-66	-65	-73	-76	-80	-90	-84	-74	-73	-68	-57	-66	-60	-59	-60	-62	-57	-59	-54	-56	-52			
Singapore		-26	38	61	18	-8	26	73	-1	57	9	3	-2	-36	6	-1	-71	-51	-54	-81	-89	-24	116	42	-18	-34	50	70	-25	-48	100	55	26	12	161	133	103	70	30	30	-50	15	-21	3	7	38	-29	-12	-36			
Thailand		-30	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-28	-28	-29	-29	-28	-28				
Interconnection		-56	8	31	-11	-37	-2	44	-30	28	-20	-26	-30	-66	-24	-30	-100	-80	-83	-110	-118	-53	87	13	-47	-63	21	41	-54	-77	71	26	-3	-17	132	104	75	41	1	2	-78	-14	-50	-25	-21	10	-58	-40	-64			
Total Demand		16467	16047	15634	15444	15121	14884	14700	14456	14267	14231	14094	14120	14321	14618	14384	14318	14646	15660	16268	16673	16904	17064	17298	17243	16768	16485	16449	16937	17292	17582	17813	17970	18050	18144	17896	17422	16989	16802	17104	17909	18160	18331	18209	18003	17546	17534	17326	16894			
SRev ST-Coal		145	138	158	141	131	155	142	133	145	257	253	242	281	283	277	240	230	137	146	157	131	145	151	150	165	151	154	147	139	149	144	156	147	139	169	137	160	143	154	161	124	154	152	145	156	174	136	143			
SRev CCGT-Gas		538	555	788	1024	1348	1588	1744	2071	2153	2405	2532	2544	2259	1924	2182	2412	2139	1339	847	522	457	360	272	378	766	1104	1211	753	464	387	349	340	181	221	296	547	672	869	794	252	248	203	190	239	344	505	508	485			
SRev Co-Gen		0	0	-4	1	0	1	0	1	0	2	0	0	2	-1	-1	-1	-1	0	-1	2	0	2	-1	0	0	0	1	1	1	-1	0	0	0	0	0	0	1	0	1	0	0	0	-1	0	0	0	2	0			
Syncon		1016	865	1016	1016	1016	1016	1016	1016	1016	764	915	764	915	915	765	765	915	915	915	915	915	915	915	915	728	678	829	865	1142	1142	1142	804	667	667	541	541	88	88	667	1142	1142	854	667	214	126	214	365	854	854	1041	1041
Hydro		287	438	186	190	197	138	139	148	186	247	116	249	109	116	115	114	109	114	108	113	119	283	448	338	347	218	199	123	395	329	271	288	327	786	730	339	188	189	299	375	723	684	707	632	349	299	150	185			
S.Reserve Total		2073	2083	2231	2459	2779	2985	3128	3456	3587	3762	3903	3886	3653	3324	3425	3617	3479	2592	2102	1796	1709	1605	1635	1782	2230	2702	2794	2253	1890	1618	1518	1412	1283	1234	1370	1777	2250	2430	2189	1582	1309	1167	1262	1468	1790	1919	1924	1941			