

### Availability at Daily Maximum Demand Hour

ST-Coal	7,503 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,337 MW
Distillate	0 MW
Others	0 MW
Gas	9,792 MW
Co-Gen	0 MW
<b>Total System</b>	<b>21,562 MW</b>

### Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

### Set On Bus And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	18,188 MW
Spinning Reserve	1,212 MW
Maximum Demand	16,937 MW
Net Energy	352,811 MWH
Load Factor	87 %

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	160
CBPS	42
EMPP	259
KLPP	62
NPRI	74
PCGP	82
PLPS	57
SGRI	47
SPGP	182
<b>Total Gas</b>	<b>995</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	179,277	50.81 %
LSS	7,230	2.05 %
Hydro	20,081	5.69 %
Gas	147,171	41.71 %
Co-Gen	-90	-0.03 %
<b>Total Generation</b>	<b>353,669</b>	<b>100.24 %</b>
PLTG	118	0.03 %
EGAT	5	0.00 %
HVDC	735	0.21 %
<b>Interconnection</b>	<b>858</b>	<b>0.24 %</b>
<b>Net Energy</b>	<b>352,811</b>	<b>100.00 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,597
Hydro	437
Syncon	473
Thermal	242
<b>Total</b>	<b>2,749</b>

**Total Gas Required 995**

#### 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	16039	15579	15098	14636	14174	13738	13668	13400	12600	12937	13335	13616	13667	13735	14559	14896	15072	15091	14859	15212	16755	16937	16585	16528

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, March 8, 2024 7:34:08 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator



### Daily MW Generation on Sunday

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	CUFG	12	13	13	12	3	2	3	2	3	3	4	2	4	3	3	2	2	3	2	3	3	3	3	3	3	3	1	3	2	3	1	3	4	4	3	4	4	4	4	3	5	4	3	3	3	4	10	6	9	
PCUF	CUFK	20	5	3	3	4	4	4	3	5	2	6	3	3	2	2	4	4	4	4	3	5	4	4	4	4	7	3	5	6	3	2	5	7	6	3	5	3	4	3	1	5	2	2	4	4	5	5	9	14	
Total NEDA Co-Gen		60	43	42	36	31	29	29	31	42	36	40	37	40	35	41	39	31	36	36	30	21	39	28	35	31	25	38	36	31	28	30	40	36	21	26	31	27	37	31	40	34	27	37	37	38	45	45	53		
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		16131	15790	15665	15416	15163	14888	14716	14464	14239	14016	13777	13742	13730	13670	13480	13052	12683	12804	12979	13133	13388	13583	13678	13674	13704	13715	13780	14379	14664	14823	14983	15033	15161	15209	15173	14953	14924	15016	15277	16202	16817	16974	17014	16945	16652	16669	16622	16371		
KHTC	BLK1	-38	-37	-39	-37	-34	-34	-34	-36	-33	-36	-34	-36	-31	-29	-27	-26	-27	-30	-30	-33	-32	-35	-35	-40	-39	-42	-42	-46	-47	-50	-47	-52	-50	-51	-47	-45	-47	-45	-46	-46	-43	-44	-41	-42	-38	-39	-39	-39		
Total Franchise Area		-38	-37	-39	-37	-34	-34	-34	-36	-33	-36	-34	-36	-31	-29	-27	-26	-27	-30	-30	-33	-32	-35	-35	-40	-39	-42	-42	-46	-47	-50	-47	-52	-50	-51	-47	-45	-47	-45	-46	-46	-43	-44	-41	-42	-38	-39	-39	-39		
Singapore		25	-2	19	-7	5	24	18	37	6	0	-21	12	2	30	24	19	29	9	-16	-9	-4	3	-1	-25	-30	-11	-24	32	30	30	13	23	11	2	8	-23	-9	8	-9	-21	-6	-3	10	5	0	-6	27	5		
Thailand		32	31	31	29	29	32	32	32	29	30	30	31	31	29	31	31	31	31	32	30	29	30	32	32	32	32	31	31	31	30	31	32	32	31	31	31	31	31	30	30	31	28	32	29	32	32	31	31	29	
Interconnection		57	29	50	22	34	56	49	69	35	30	8	43	34	59	56	50	60	40	16	21	25	33	31	6	2	21	7	63	62	60	44	55	43	33	39	7	22	39	22	10	22	29	39	37	32	25	58	35		
Total Demand		16039	15727	15579	15360	15098	14801	14636	14362	14174	13953	13738	13666	13668	13585	13400	12979	12600	12738	12937	13083	13335	13519	13616	13632	13667	13656	13735	14274	14559	14717	14896	14930	15072	15129	15091	14905	14859	14936	15212	16149	16755	16904	16937	16869	16585	16608	16528	16300		
SRev ST-Coal		165	157	162	163	217	313	321	328	323	315	320	319	320	307	325	323	325	361	353	332	344	329	301	309	308	312	291	280	288	288	217	165	173	177	179	166	167	169	168	196	196	195	235	202	112	143	135	144		
SRev CCGT-Gas		475	310	570	656	790	924	1224	1470	1636	1648	1886	1915	1927	2014	2187	2599	2998	2909	2768	2767	2721	2797	2861	2810	2803	2804	2767	2204	1610	1441	1325	1278	1001	1242	1169	1457	1558	1450	1178	758	552	449	443	448	767	724	514	620		
SRev Co-Gen		-2	2	0	-2	-2	0	-1	2	-1	2	1	0	0	0	1	-2	0	0	0	0	-1	2	-2	0	0	0	0	-2	-1	1	0	0	0	0	0	0	1	-1	2	2	0	-3	0	-1	-1	1	0	0		
Syncon		500	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	890	802	802	890	802	802	615	126	126	126	126	126	126	277	464		
Hydro		491	134	62	55	145	145	144	144	144	144	143	144	149	282	287	152	160	155	148	107	58	149	149	139	405	389	329	364	398	398	275	143	130	40	122	143	122	128	123	251	272	412	408	424	519	574	434	425		
S.Reserve Total		1716	1579	1683	1848	2126	2358	2664	2920	3078	3085	3326	3354	3372	3428	3624	4051	4457	4401	4245	4182	4098	4253	4285	4234	4197	4186	4061	3520	2969	2803	2642	2562	2280	2436	2446	2742	2882	2722	2447	1822	1146	1179	1212	1199	1523	1568	1360	1653		