

### Availability at Daily Maximum Demand Hour

ST-Coal	11,012 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,537 MW
Distillate	0 MW
Others	0 MW
Gas	9,492 MW
Co-Gen	0 MW
<b>Total System</b>	<b>24,971 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:	14:30:00 Hour
Total Set On Bus	20,233 MW
Spinning Reserve	2,021 MW
Maximum Demand	18,137 MW
Net Energy	391,649 MWH
Load Factor	90 %

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	119
CBPS	41
EMPP	252
NPRI	73
PCGP	87
SPGP	206
<b>Total Gas</b>	<b>808</b>
<b>Total Gas Required</b>	<b>808</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	248,103	63.35 %
LSS	7,536	1.92 %
Hydro	11,307	2.89 %
Gas	124,065	31.68 %
Co-Gen	-15	0.00 %
<b>Total Generation</b>	<b>390,996</b>	<b>99.83 %</b>
PLTG	-70	-0.02 %
EGAT	5	0.00 %
HVDC	-588	-0.15 %
<b>Interconnection</b>	<b>-653</b>	<b>-0.17 %</b>
<b>Net Energy</b>	<b>391,649</b>	<b>100.00 %</b>

### Fuel Cost

### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,058
Hydro	287
Syncon	1,153
Thermal	202
<b>Total</b>	<b>2,700</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	16843	16196	15559	15036	14618	14414	14327	14274	14491	15880	16693	16881	16893	16980	17861	17948	17918	17331	16565	16448	17145	17335	17022	16710

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, May 2, 2024 5:19:50 PM

(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																								
PCUF	CUFG	21	21	21	21	22	22	20	22	22	21	21	23	21	22	22	22	21	19	19	20	19	20	20	21	20	18	19	17	18	18	18	19	20	21	20	21	22	21	21	21	22	21	21	22	20	21		
PCUF	CUFK	3	2	2	4	2	4	4	4	2	5	4	5	2	2	3	4	3	3	4	2	2	4	5	3	3	4	1	3	3	2	4	3	3	3	3	3	3	3	2	4	5	3	5	6				
Total NEDA Co-Gen		35	35	42	26	38	30	29	37	40	47	41	46	48	58	49	54	51	50	49	40	47	48	48	47	49	49	47	41	41	36	36	34	31	40	41	47	36	48	51	51	52	49	54	41	48	49	45	50
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
Total Generation		16898	16550	16245	15898	15564	15317	15057	14872	14649	14491	14428	14313	14342	14324	14280	14101	14486	15375	15857	16342	16701	16808	16905	17006	16921	16861	16988	17446	18002	18288	17997	17941	17890	17775	17421	16962	16612	16399	16461	16769	17124	17365	17315	17264	16998	16852	16683	16469
KHTC	BLK1	-36	-35	-38	-36	-33	-34	-33	-33	-34	-32	-31	-30	-31	-31	-32	-36	-36	-40	-44	-47	-52	-52	-56	-59	-60	-60	-63	-68	-68	-80	-85	-85	-64	-50	-44	-43	-43	-40	-38	-36	-34	-37	-34	-35	-35	-35	-37	-36
Total Franchise Area		-36	-35	-38	-36	-33	-34	-33	-33	-34	-32	-31	-30	-31	-31	-32	-36	-36	-40	-44	-47	-52	-52	-56	-59	-60	-60	-63	-68	-68	-80	-85	-85	-64	-50	-44	-43	-43	-40	-38	-36	-34	-37	-34	-35	-35	-35	-37	-36
Singapore		-9	-17	-17	-12	3	1	20	34	29	23	14	-3	15	-19	7	37	-7	-52	-33	-35	-10	-20	1	-4	2	-12	-22	15	107	104	-4	-53	-59	-69	19	29	37	18	8	-9	-22	-27	-20	-30	-25	-18	-32	-25
Thailand		30	30	31	-29	-28	-28	-29	-29	-29	-29	-29	-28	-28	-30	-30	-29	-29	-30	-30	-30	-30	-30	-30	-30	-30	-30	-29	-29	-30	-29	-29	31	-29	-29	-29	-30	-28	-30	-30	-31	-30	-31	-30	-31	-28	-29	-30	
Interconnection		22	13	14	-42	-25	-27	-9	5	0	-6	-14	-31	-13	-48	-23	7	-37	-81	-63	-64	-40	-51	-28	-33	-28	-41	-51	-14	77	75	-32	-83	-88	-98	50	0	8	-12	-22	-37	-52	-56	-51	-60	-56	-46	-61	-55
Total Demand		16843	16505	16196	15907	15559	15313	15036	14837	14618	14468	14414	14317	14327	14344	14274	14061	14491	15420	15880	16363	16693	16811	16881	16984	16893	16846	16980	17396	17861	18137	17948	17943	17918	17827	17331	16923	16565	16375	16448	16773	17145	17387	17335	17292	17022	16866	16710	16491
S.Rev ST-Coal		252	287	277	240	246	289	494	573	593	618	598	688	703	722	629	611	687	449	236	246	241	212	190	178	189	178	191	166	198	173	188	204	209	206	200	202	205	196	221	207	171	186	197	207	219	200	215	198
S.Rev CCGT-Gas		354	525	816	1136	1472	1655	1467	1555	1515	1554	1496	1495	1305	1410	1370	1606	1607	1901	1954	1706	1636	1770	1788	1829	1896	1978	1819	1352	687	397	525	439	445	448	853	1125	1314	1436	1298	1002	814	618	660	697	951	1093	1116	1273
S.Rev Co-Gen		1	0	0	0	-3	-2	1	0	0	-2	-1	-3	0	0	-2	0	1	0	-2	0	0	0	0	1	0	1	0	0	0	1	0	-2	-1	0	0	0	0	1	-1	0	0	0	-1	0	0	0	0	0
Syncon		802	1054	991	1142	1142	1142	1142	1142	1142	1142	1142	1142	991	1142	1079	1230	1230	1079	1230	1230	1230	1230	1079	1230	1230	1230	1079	1230	1079	1230	1230	1143	1142	1142	991	991	1142	1142	1142	991	991	1142	1142	1142	1142	1142	1142	
Hydro		560	286	416	284	283	284	284	284	283	284	288	288	280	417	287	416	284	282	401	245	285	292	289	392	265	268	249	378	246	371	161	121	178	213	220	296	298	165	164	156	377	344	215	206	213	237	214	193
S.Reserve Total		2056	2326	2587	2889	3227	3455	3475	3641	3620	3683	3610	3697	3517	3627	3513	3712	3809	3862	3668	3427	3392	3504	3497	3479	3580	3655	3489	2975	2361	2021	2104	1992	1974	2009	2415	2701	2895	3027	2911	2594	2440	2226	2300	2339	2612	2759	2774	2893