

### Availability at Daily Maximum Demand Hour

ST-Coal	10,510 MW
ST-Gas	296 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,326 MW
Distillate	0 MW
Others	0 MW
Gas	8,590 MW
Co-Gen	0 MW
<b>Total System</b>	<b>23,312 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:	20:00:00 Hour
Total Set On Bus	18,690 MW
Spinning Reserve	1,430 MW
Maximum Demand	17,216 MW
Net Energy	376,986 MWH
Load Factor	91 %

### Gas Usage

Station	(mmscfd)
GLGR	31
TJGS	160
CBPS	41
EMPP	173
KLPP	38
NPRI	67
PCGP	78
SGRI	19
SPGP	189
<b>Total Gas</b>	<b>796</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	243,198	64.51 %
LSS	7,845	2.08 %
Hydro	8,988	2.38 %
Gas	119,199	31.62 %
Co-Gen	-401	-0.11 %
<b>Total Generation</b>	<b>378,829</b>	<b>100.49 %</b>
PLTG	435	0.12 %
HVDC	1,408	0.37 %
<b>Interconnection</b>	<b>1,843</b>	<b>0.49 %</b>
<b>Net Energy</b>	<b>376,986</b>	<b>100.00 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,424
Hydro	249
Syncon	1,084
Thermal	252
<b>Total</b>	<b>3,009</b>

**Total Gas Required 796**

#### Time Weather Temperature

Afternoon	Hot	35
Morning	Cloudy	24

### 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	17169	16393	15867	15353	14898	14488	14341	13984	13427	14393	15250	15749	15649	15273	15730	16206	16472	16348	15909	16220	17216	17109	16672	16434

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, June 6, 2024 5:04:00 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator

Daily MW Generation on Saturday

Table with 23 columns (Station, Unit, 0000-2300) and 35 rows (JMAH, JMHE, JMIG, PKLG, TBIN, Total ST-Coal, Total ST-Oil, Total ST-Gas, CBPS, EMPP, GLGR, KLPP, NPRI, PCGP, SGRI, SPGP, TJGS, Total CCGT-Gas, Total OCGT-Gas, BSIA, CEND, HTRG, KNRR, KNYR, MHDY, PGAU, SIHY, SYPS, TMGR, UJLI, Total Hydro, Total Distillate).

### 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 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
ESTL	ESTL	3	0	0	0	2	8	5	2	0	0	0	1	8	5	0	5	0	0	0	0	0	0	0	0
PCUF	CUFG	32	32	32	30	33	32	33	32	33	33	33	31	31	32	33	32	33	32	32	33	31	31	32	32
PCUF	CUFK	21	7	3	4	4	1	2	2	1	1	1	1	1	2	3	2	1	2	2	0	7	8	6	6
PFTZ	PFTZ	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total NEDA Co-Gen		63	39	35	34	37	35	42	40	36	34	34	34	35	40	38	35	40	33	36	35	31	40	39	41
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		17362	16967	16521	16311	15989	15776	15500	15243	15002	14718	14572	14465	14391	14308	14048	13476	13468	14046	14517	15004	15409	15690	15908	15993
ESTL	ESTL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KHTC	BLK1	-49	-51	-53	-48	-48	-50	-47	-47	-46	-44	-44	-45	-44	-44	-45	-41	-43	-46	-48	-52	-50	-55	-57	-59
PCUF	CUFK	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 Franchise Area		-49	-51	-53	-48	-48	-50	-47	-47	-46	-44	-44	-45	-44	-44	-45	-41	-43	-46	-48	-52	-51	-55	-57	-59
Singapore		87	19	18	33	17	93	43	18	2	-34	-16	-66	-50	-4	-36	-90	-58	-42	18	61	51	77	47	51
Thailand		60	60	60	60	59	59	60	60	59	59	59	59	59	59	59	60	61	61	60	58	58	58	60	58
Interconnection		147	79	78	93	77	152	103	78	61	25	43	-7	9	55	22	-31	1	19	79	122	111	135	105	109
Total Demand		17169	16840	16393	16173	15867	15577	15353	15121	14898	14652	14488	14430	14341	14212	13984	13469	13427	13984	14393	14833	15250	15503	15749	15828
SRev ST-Coal		183	186	183	187	149	168	169	183	237	236	286	453	462	466	555	750	784	705	535	501	460	268	206	238
SRev CCGT-Gas		729	740	913	1132	1297	1173	1349	1738	1969	2293	2350	2268	2351	2418	2540	2517	2530	2412	2341	2244	2085	2209	1760	1725
SRev Co-Gen		0	0	1	0	0	0	1	0	3	0	-3	0	0	1	1	0	-1	0	-1	0	-1	0	0	0
Syncon		1129	978	978	1129	1129	1230	1230	1230	1079	1230	1230	1079	1230	1230	1230	1230	1230	1230	1230	1230	1230	1079	1230	1230
Hydro		129	271	318	163	161	161	166	168	170	280	133	90	220	89	282	159	147	136	172	168	166	176	286	167
S.Reserve Total		2170	2175	2393	2611	2736	2631	2915	3319	3609	3888	3996	4041	4112	4204	4457	4656	4690	4483	4277	4143	3940	3883	3331	3360