

### Availability at Daily Maximum Demand Hour

ST-Coal	9,532 MW
ST-Gas	556 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,436 MW
Distillate	0 MW
Others	0 MW
Gas	8,362 MW
Co-Gen	0 MW
<b>Total System</b>	<b>22,476 MW</b>
<b>Total System w/o solar</b>	<b>20,886 MW</b>

### Maximum Demand Record

Date: 7/25/2024	20,066 MW
Date: 7/25/2024	428,610 MWH

### Set On Bus And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	19,036 MW
Spinning Reserve	1,338 MW
Maximum Demand	17,752 MW
Net Energy	379,944 MWH
Load Factor	89 %
Operating Reserve	3,134 MW

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	178
EMPP	283
KLPP	64
NPRI	133
PCGP	79
SGRI	71
SPGP	101
PKLG	40
<b>Total Gas</b>	<b>978</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	218,287	57.45 %
ST-Gas	3,912	1.03 %
LSS	9,412	2.48 %
Hydro	10,765	2.83 %
Gas	139,749	36.78 %
Co-Gen	-2,294	-0.60 %
<b>Total Generation</b>	<b>379,831</b>	<b>99.97 %</b>
PLTG	-841	-0.22 %
EGAT	6	0.00 %
HVDC	722	0.19 %
<b>Interconnection</b>	<b>-113</b>	<b>-0.03 %</b>
<b>Net Energy</b>	<b>379,944</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	93,461,728.84 RM
Cost per Unit	24.43 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,359
Hydro	239
Syncon	952
Thermal	247
<b>Total</b>	<b>2,797</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

### 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	16937	16142	15613	15082	14673	14414	14326	14104	13631	14407	15087	15667	15714	15386	15982	16364	16573	16607	16326	16562	17654	17752	17223	17073

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, September 11, 2024  
10:50:42 AM

(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 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	2	0	0	5	0	0	9	0	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	4	3	3	4	2	4	3	4	3	3	2	2	3	2	1	4	3	3	3	3	4	4	4	5
PCUF	CUFK	3	2	2	3	3	2	3	3	2	2	4	2	3	2	4	3	4	2	3	2	4	7	4	6
PFTZ	PFTZ	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total NEDA Co-Gen		11	7	7	14	7	8	17	9	14	8	8	6	6	14	19	16	17	10	8	12	9	18	11	11
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		17037	16552	16227	15955	15684	15505	15163	15011	14766	14565	14526	14366	14429	14361	14210	13749	13726	14155	14465	14916	15232	15623	15786	16028
ESTL	ESTL	0	-5	-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KHTC	BLK1	-108	-108	-108	-107	-108	-109	-107	-106	-107	-105	-105	-108	-106	-104	-106	-104	-105	-106	-107	-109	-110	-110	-112	-116
Total Franchise Area		-108	-113	-114	-107	-108	-109	-107	-106	-107	-105	-105	-108	-106	-104	-106	-104	-105	-106	-107	-109	-110	-110	-112	-116
Singapore		-36	-61	-56	-52	-65	-17	-54	-26	-42	-42	-20	-3	-32	-27	-26	-52	-36	-84	-74	-27	9	-37	-18	-25
Thailand		31	31	31	31	31	31	31	31	30	30	30	30	30	31	31	30	30	30	30	30	30	30	31	31
Interconnection		-5	-30	-26	-22	-34	14	-23	5	-11	-12	10	26	-2	3	5	-21	-6	-53	-45	2	39	-7	12	5
Total Demand		16937	16472	16142	15873	15613	15385	15082	14903	14673	14475	14414	14238	14326	14255	14104	13667	13631	14106	14407	14810	15087	15523	15667	15914
SRev ST-Coal		172	160	189	165	164	156	189	252	241	237	246	251	314	349	522	504	477	420	532	490	259	217	235	187
SRev CCGT-Gas		485	290	350	677	719	670	905	987	1271	1422	1418	1572	1545	1686	1776	2288	2482	2324	2277	2118	2203	2037	1951	1661
SRev ST-Gas		29	29	29	35	35	35	35	35	35	35	35	35	36	36	35	35	35	35	35	35	35	35	35	35
Syncon		953	1079	1079	1079	1079	1079	1079	928	928	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079
Hydro		364	216	170	146	231	156	159	158	286	286	170	169	169	162	163	162	163	165	162	163	294	291	161	161
S.Reserve Total		2003	1778	1817	2102	2229	2096	2367	2511	2762	2908	2948	3105	3144	3317	3573	4069	4235	4021	4087	3884	3739	3512	3440	3123