

### Availability at Daily Maximum Demand Hour

ST-Coal	8,621 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,640 MW
Hydro	2,162 MW
Distillate	0 MW
Others	0 MW
Gas	9,344 MW
Co-Gen	0 MW
<b>Total System</b>	<b>22,357 MW</b>
<b>Total System w/o solar</b>	<b>20,717 MW</b>

### Maximum Demand Record

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

### Gas Usage

Station	(mmscfd)
TJGS	84
CBPS	42
EMPP	279
KLPP	63
NPRI	138
PCGP	86
PGLA	95
SGRI	45
SKSP	1
SPGP	206
<b>Total Gas</b>	<b>1,038</b>

### Alternate Fuel Usage

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

### Set On Bus And MD

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	19,777 MW
Spinning Reserve	1,373 MW
Maximum Demand	18,360 MW
Net Energy	393,178 MWH
Load Factor	89 %
Operating Reserve	2,359 MW

### Generation Mix

Type	MWh	Percentage
ST-Coal	205,621	52.30 %
LSS	6,181	1.57 %
Hydro	17,343	4.41 %
Gas	164,053	41.72 %
Co-Gen	917	0.23 %
<b>Total Generation</b>	<b>394,115</b>	<b>100.24 %</b>
PLTG	213	0.05 %
EGAT	6	0.00 %
HVDC	718	0.18 %
<b>Interconnection</b>	<b>937</b>	<b>0.24 %</b>
<b>Net Energy</b>	<b>393,178</b>	<b>100.00 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	884
Hydro	508
Syncon	377
Thermal	149
<b>Total</b>	<b>1,918</b>

**Total Gas Required 1,038**

#### 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	16304	15614	15042	14580	14137	13942	14251	14219	14534	15981	16718	17180	17175	16705	17068	17671	17809	17807	17112	17803	18256	18007	17599	17150

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, October 25, 2024 3:38:06 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator



### Daily MW Generation on Friday

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 Distillate		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 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	0	8	14	0	0	0	8	0	8	9	0	7	0	14	14	11	10	10	5	6	1	0	9	6
KHTC	BLK1	9	9	11	9	10	10	7	8	9	10	8	11	10	8	1	3	7	8	24	12	24	14	17	11
PCUF	CUFG	5	5	5	5	4	6	6	4	5	5	6	5	5	4	4	6	5	6	6	6	6	5	5	
PCUF	CUFK	21	20	21	21	22	22	21	22	22	23	22	23	24	24	24	23	23	22	22	22	21	20	18	
Total NEDA Co-Gen		35	42	51	35	36	38	42	34	44	47	36	46	38	50	43	44	45	47	56	46	53	41	52	
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		16290	15933	15636	15328	15054	14829	14616	14476	14190	14131	13961	14124	14300	14550	14285	14189	14496	15313	15913	16414	16742	16970	17167	
ESTL	ESTL	0	0	0	0	0	0	-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Franchise Area		0	0	0	0	0	0	-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Singapore		-41	-13	-4	7	-15	-9	9	7	26	-4	-8	-22	22	19	39	-26	-65	-80	-94	5	-4	-26	-41	
Thailand		30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	31	31	31	29	29	31	31	
Interconnection		-11	16	25	37	15	21	39	37	56	26	22	8	52	49	69	4	-35	-51	-65	36	27	5	-10	
Total Demand		16304	15920	15614	15294	15042	14811	14580	14426	14137	14108	13942	14119	14251	14504	14219	14188	14534	15367	15981	16381	16718	16968	17180	
SRev ST-Coal		160	167	140	145	141	187	263	239	267	347	327	356	422	311	335	352	252	152	145	173	160	170	176	
SRev CCGT-Gas		1558	1438	1666	1830	1925	2106	2188	2281	2542	2524	2728	2522	2274	2057	2234	2373	2232	1664	1420	1076	864	651	544	
SRev Co-Gen		1	-1	0	0	-2	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		176	176	362	650	651	650	650	776	776	776	777	777	776	777	777	776	777	549	549	549	549	549	549	
Hydro		512	459	564	399	432	433	492	429	436	433	410	434	433	390	449	442	441	468	431	305	393	431	419	
S.Reserve Total		2407	2239	2732	3024	3147	3375	3593	3725	4021	4080	4242	4089	3905	3535	3795	3943	3701	3061	2545	2103	1966	1801	1688	