

### Availability at Daily Maximum Demand Hour

ST-Coal	9,891 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,450 MW
Distillate	0 MW
Others	0 MW
Gas	9,439 MW
Co-Gen	0 MW
<b>Total System</b>	<b>23,710 MW</b>

### Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 3/26/2024	420,162 MWH

### Gas Usage

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

### Alternate Fuel Usage

### Set On Bus And MD

Daily Maximum Demand Hour at:	00:00:00 Hour
Total Set On Bus	19,916 MW
Spinning Reserve	1,890 MW
Maximum Demand	18,003 MW
Net Energy	391,709 MWH
Load Factor	91 %

### Generation Mix

Type	MWh	Percentage
ST-Coal	231,585	59.12 %
LSS	6,850	1.75 %
Hydro	13,149	3.36 %
Gas	140,755	35.93 %
Co-Gen	60	0.02 %
<b>Total Generation</b>	<b>392,399</b>	<b>100.18 %</b>
PLTG	-38	-0.01 %
HVDC	728	0.19 %
<b>Interconnection</b>	<b>690</b>	<b>0.18 %</b>
<b>Net Energy</b>	<b>391,709</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	90,908,738.74 RM
Cost per Unit	23.11 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	932
Hydro	308
Syncon	977
Thermal	175
<b>Total</b>	<b>2,392</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Cloudy	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	18003	17270	16660	16147	15487	15309	15095	14656	14014	14974	15699	16029	15904	15936	16552	17046	17332	16800	16579	16686	17238	17677	17336	17149

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, April 2, 2024 6:04:49 PM

(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 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	12	92	188	254	376	509	658	806	813	857	922	968	994
ESTL	ESTL	13	15	16	12	12	4	20	16	15	5	18	26	26	29	30	30	20	21	8	22	22	25	24	
PCUF	CUFG	24	24	23	23	24	24	23	23	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
PCUF	CUFK	2	1	3	4	3	2	3	3	6	3	1	4	3	4	4	4	3	3	0	3	4	6	4	
Total NEDA Co-Gen		39	40	42	39	39	30	46	42	45	31	42	53	53	54	57	57	47	48	35	45	48	52	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	
Total Generation		18068	17672	17339	16948	16734	16517	16239	15895	15552	15564	15392	15269	15157	15041	14731	14125	14048	14710	14989	15457	15759	15977	16074	
KHTC	BLK1	-45	-44	-43	-44	-42	-45	-44	-42	-41	-43	-41	-41	-38	-37	-38	-37	-38	-40	-38	-44	-41	-41	-39	
Total Franchise Area		-45	-44	-43	-44	-42	-45	-44	-42	-41	-43	-41	-41	-38	-37	-38	-37	-38	-40	-38	-44	-41	-41	-39	
Singapore		-8	-4	-1	-19	5	8	20	33	-3	10	14	4	-4	8	10	2	-29	-31	-49	-30	-7	-18	-20	
Thailand		31	30	30	30	30	31	31	30	30	31	31	31	31	29	29	30	30	30	30	30	31	31	31	
Interconnection		23	26	29	11	35	39	51	63	27	41	45	35	27	39	40	31	0	-1	-19	0	23	11	10	
Total Demand		18003	17605	17270	16896	16660	16436	16147	15793	15487	15483	15309	15196	15095	14968	14656	14061	14014	14675	14974	15417	15699	15929	16029	
SRev ST-Coal		139	162	164	131	146	146	147	150	148	149	155	142	279	289	314	414	413	412	414	424	224	149	148	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		484	549	334	723	750	957	852	1129	1425	1365	1477	1623	1567	1696	1982	2464	2623	2080	1651	1269	1313	1318	1375	
SRev Co-Gen		1	1	0	0	0	-1	1	0	0	-1	0	1	0	0	0	0	0	-1	2	-1	0	0	1	
Syncon		890	1041	890	1041	1041	1129	1129	1129	1129	1230	1230	1230	1230	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	
Hydro		376	223	311	39	139	82	100	160	212	245	209	210	241	249	252	248	244	215	270	283	280	284	283	
S.Reserve Total		1890	1976	1699	1934	2076	2313	2229	2568	2914	2887	3071	3206	3317	3464	3690	4268	4422	3849	3476	3120	2958	2893	2948	