

### Availability at Daily Maximum Demand Hour

ST-Coal	8,671 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,240 MW
Hydro	2,412 MW
Distillate	0 MW
Others	0 MW
Gas	7,989 MW
Co-Gen	0 MW
<b>Total System</b>	<b>20,902 MW</b>

### Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

### Set On Bus And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	18,012 MW
Spinning Reserve	1,574 MW
Maximum Demand	16,484 MW
Net Energy	355,891 MWH
Load Factor	90 %

### Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	159
CBPS	42
EMPP	166
KLPP	50
NPRI	5
PCGP	78
PLPS	43
SKSP	44
SPGP	188
<b>Total Gas</b>	<b>805</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	204,373	57.43 %
LSS	5,104	1.43 %
Hydro	27,052	7.60 %
Gas	117,846	33.11 %
Co-Gen	692	0.19 %
<b>Total Generation</b>	<b>355,067</b>	<b>99.77 %</b>
PLTG	-138	-0.04 %
HVDC	-686	-0.19 %
<b>Interconnection</b>	<b>-824</b>	<b>-0.23 %</b>
<b>Net Energy</b>	<b>355,891</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	81,307,485.41 RM
Cost per Unit	22.85 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,114
Hydro	591
Syncon	499
Thermal	173
<b>Total</b>	<b>2,377</b>

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	15202	14580	14150	13679	13334	13184	13223	13312	12996	14005	14496	14925	14874	14671	15486	15928	16163	16012	15503	15690	16451	16330	15827	15544

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, February 12, 2024 11:44:50 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator



### Daily MW Generation on Thursday

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																									
ESTL	ESTL	2	10	0	18	11	15	20	14	19	0	0	9	6	0	0	0	16	0	12	14	28	15	27	26	28	34	26	35	23	32	32	29	32	28	32	33	24	30	28	30	28	29	27	0	14	0	26	20	
PCUF	CUFG	4	4	3	3	3	3	5	4	3	4	4	2	2	3	4	3	3	5	5	4	4	3	2	4	4	2	4	3	3	4	3	3	5	2	4	4	3	4	4	4	4	3	4	5	4	3	6	5	5
PCUF	CUFK	31	29	28	30	31	29	30	30	30	30	30	30	30	28	31	29	29	30	30	29	30	27	28	29	30	27	30	30	30	29	4	4	6	3	2	3	3	12	29	30	30	31	29	29	29	31	31	32	
PFTZ	PFTZ	14	14	14	14	14	14	14	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		
Total NEDA Co-Gen		51	57	45	65	59	61	68	61	66	48	48	55	50	48	47	46	63	49	61	61	76	59	71	73	76	77	74	82	70	78	53	50	57	47	52	54	44	60	75	78	75	78	75	47	60	51	76	71	
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	0
Total Generation		15178	14935	14578	14240	14145	13879	13672	13530	13340	13237	13179	13158	13202	13397	13301	13029	12990	13602	14024	14189	14495	14883	14927	15035	14930	14793	14675	15183	15527	15839	15955	16018	16139	16193	16016	15837	15469	15425	15693	16222	16406	16460	16289	16219	15817	15586	15501	15144	
KHTC	BLK1	-36	-35	-34	-32	-30	-29	-30	-31	-29	-29	-29	-27	-26	-28	-26	-27	-32	-32	-32	-35	-34	-36	-41	-39	-40	-43	-42	-43	-51	-48	-47	-47	-47	-42	-30	-30	-31	-28	-28	-28	-26	-25	-27	-25	-24	-23	-23		
Total Franchise Area		-36	-35	-34	-32	-30	-29	-30	-31	-29	-29	-29	-27	-26	-28	-26	-27	-32	-32	-32	-35	-34	-36	-41	-39	-40	-43	-42	-43	-51	-48	-47	-47	-42	-30	-30	-31	-28	-28	-28	-26	-25	-27	-25	-24	-23	-23			
Singapore		-28	-5	-4	-4	-3	20	-5	10	9	7	-2	-8	-16	-17	-7	11	-1	10	20	-2	-3	-12	-2	31	50	38	-6	25	30	-4	12	-18	-38	-14	7	-2	-33	-27	6	-48	-40	-17	-37	-27	-3	-50	-35	-41	
Thailand		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
Interconnection		-57	-34	-33	-32	-32	-8	-34	-19	-20	-21	-31	-36	-45	-45	-36	-18	-30	-19	-9	-31	-32	-41	-30	2	21	10	-35	-4	2	-33	-17	-46	-67	-43	-22	-31	-62	-56	-22	-76	-68	-46	-65	-56	-31	-78	-63	-70	
Total Demand		15202	14937	14580	14243	14150	13861	13679	13521	13334	13232	13184	13168	13223	13419	13312	13024	12996	13593	14005	14192	14496	14894	14925	14996	14874	14747	14671	15149	15486	15825	15928	16021	16163	16198	16012	15842	15503	15456	15690	16273	16451	16484	16330	16253	15827	15644	15544	15194	
S.Rev ST-Coal		136	133	203	196	206	192	257	244	251	269	338	343	337	332	336	340	363	357	230	236	214	202	213	204	194	215	196	215	246	170	142	144	145	147	127	117	117	111	161	151	154	131	127	125	145	113	140	171	
S.Rev CCGT-Gas		2149	1548	1468	1704	1772	2058	2187	2215	2398	2489	2438	2464	2464	2253	2349	2413	2495	2155	2023	2006	1814	1472	1568	1564	1700	1886	2028	1579	1197	1003	650	452	472	369	706	871	1080	1105	1120	702	580	686	866	906	1146	1408	1417	1498	
S.Rev Co-Gen		1	0	-2	0	0	0	0	0	-1	0	1	0	-1	1	-1	0	1	1	0	0	-1	0	2	0	-1	0	1	-1	4	3	-2	0	0	-1	1	2	2	0	1	-1	0	-1	1	-2	0	0	0		
Syncon		151	151	151	151	151	151	151	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	
Hydro		582	661	831	787	748	755	749	661	661	665	664	664	791	661	657	666	661	646	711	704	706	677	699	694	711	708	871	585	592	575	594	407	435	425	472	529	471	514	387	470	553	570	562	566	578	497	346	361	
S.Reserve Total		3019	2493	2651	2838	2877	3156	3344	3645	3835	3947	3965	3997	3966	3770	3868	3943	4044	3684	3490	3471	3259	2875	3005	2989	3130	3333	3469	3056	2710	2428	2065	1677	1728	1617	1980	2194	2346	2408	2344	1813	1624	1574	1741	1785	2054	2205	2090	2217	