

### Availability at Daily Maximum Demand Hour

ST-Coal	9,790 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,512 MW
Distillate	0 MW
Others	0 MW
Gas	9,802 MW
Co-Gen	0 MW
<b>Total System</b>	<b>24,284 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:	00:00:00 Hour
Total Set On Bus	18,564 MW
Spinning Reserve	1,653 MW
Maximum Demand	16,934 MW
Net Energy	350,339 MWH
Load Factor	86 %

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	9
CBPS	44
EMPP	277
NPRI	141
PCGP	83
SPGP	207
<b>Total Gas</b>	<b>791</b>

### Alternate Fuel Usage

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

**Total Gas Required 791**

### Generation Mix

Type	MWh	Percentage
ST-Coal	209,649	59.84 %
LSS	6,435	1.84 %
Hydro	10,704	3.06 %
Gas	123,764	35.33 %
Co-Gen	232	0.07 %
<b>Total Generation</b>	<b>350,784</b>	<b>100.13 %</b>
PLTG	-274	-0.08 %
HVDC	719	0.21 %
<b>Interconnection</b>	<b>445</b>	<b>0.13 %</b>
<b>Net Energy</b>	<b>350,339</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	82,725,180.25 RM
Cost per Unit	23.51 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	679
Hydro	279
Syncon	839
Thermal	671
<b>Total</b>	<b>2,468</b>

Time	Weather	Temperature
Afternoon	Hot	33
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	16934	16162	15690	15052	14525	14213	14053	13552	12721	12920	13455	13727	13662	13733	14193	14285	14449	14538	14480	14918	15965	16053	15691	15505

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, June 20, 2024 11:19:21 AM  
 (Ir. Shanmugam Thoppalan)  
 Head  
 Grid System Operator



### Daily MW Generation on Sunday

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																									
PCUF	CUFK	8	10	13	12	10	10	11	11	12	12	11	14	13	14	14	13	12	11	11	10	10	11	9	6	5	4	6	5	4	6	7	8	10	12	13	11	11	12	14	12	13	11	11	11	13	13	14	13	
Total NEDA Co-Gen		53	54	56	56	55	55	57	55	56	57	55	58	58	58	60	57	57	55	56	54	57	59	58	51	50	49	52	51	50	51	53	53	56	58	58	57	56	59	59	57	58	56	57	55	56	56	58	56	
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		16955	16678	16264	16047	15742	15317	15091	14763	14578	14490	14300	14170	14078	13943	13565	12990	12739	12939	12913	13162	13498	13702	13665	13660	13681	13584	13833	14119	14238	14385	14426	14541	14621	14736	14688	14604	14571	14641	14930	15745	16044	16099	16096	16088	15762	15668	15562	15457	
ESTL	ESTL	-3	-11	-8	-12	-2	0	0	0	-10	-2	-10	-4	-10	-4	0	-9	0	-12	-11	-10	0	-5	-12	-14	-15	-1	-8	-7	-4	0	0	-2	0	0	-14	0	-5	0	0	-14	-12	0	-6	-13	-12	-1	-11	0	
KHTC	BLK1	-44	-45	-43	-46	-43	-41	-40	-40	-38	-37	-38	-37	-37	-35	-33	-32	-34	-35	-37	-39	-40	-45	-43	-47	-48	-51	-49	-52	-51	-49	-50	-47	-54	-46	-41	-38	-37	-36	-36	-38	-33	-33	-33	-33	-34	-33	-30	-30	
Total Franchise Area		-47	-56	-51	-58	-45	-41	-40	-40	-48	-39	-48	-41	-47	-39	-33	-41	-34	-47	-48	-49	-40	-50	-55	-61	-63	-52	-57	-59	-55	-49	-50	-49	-54	-46	-55	-38	-42	-36	-36	-52	-45	-33	-39	-46	-46	-34	-41	-30	
Singapore		-53	-28	24	-18	-20	-52	-28	-61	-23	-7	12	-31	-49	37	-47	5	-44	-23	-82	-55	-24	-69	-143	-72	-71	-69	17	-9	-36	5	65	111	91	72	68	54	22	1	-51	8	6	-31	-23	50	-2	0	-10	35	
Thailand		31	31	30	30	29	29	30	30	31	31	31	31	30	30	30	30	30	30	31	31	29	29	29	29	30	30	30	30	29	29	30	30	30	30	30	30	30	30	31	31	30	30	30	29	29	30	30		
Interconnection		-23	3	54	11	10	-23	2	-31	8	23	42	0	-19	67	-17	35	-13	8	-52	-24	6	-40	-114	-42	-41	-40	46	21	-7	34	94	141	121	102	98	84	52	31	-21	38	37	-1	7	80	28	30	19	65	
Total Demand		16934	16622	16162	15981	15690	15302	15052	14757	14525	14431	14213	14132	14053	13840	13552	12917	12721	12887	12920	13140	13455	13695	13727	13644	13662	13575	13733	14042	14193	14305	14285	14354	14449	14591	14538	14485	14480	14577	14918	15658	15965	16070	16053	15965	15691	15607	15505	15365	
SRev ST-Coal		195	173	195	177	179	163	161	241	382	382	377	385	375	440	670	736	851	847	847	838	838	789	753	760	815	802	808	826	847	798	848	718	678	631	588	607	607	588	518	407	482	450	430	328	399	492	491	485	
SRev CCGT-Gas		269	286	432	476	519	655	865	1110	1156	1264	1435	1560	1680	1724	1655	1673	1658	1577	1627	1471	1382	1357	1509	1484	1638	1815	1540	683	542	182	162	303	196	106	132	131	122	117	40	115	156	141	119	266	130	115	135	161	
SRev Co-Gen		0	0	0	0	-1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	-1	0	3	0	-1	0	-1	-1	0	2	0	0	0	0	0	1	0	-1	-1	1	1	0	0	-1	0	1	1	-1	0	
Syncon		890	991	991	991	991	840	991	991	991	840	991	991	991	991	991	991	991	991	991	991	991	840	840	991	991	840	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991	991
Hydro		299	74	192	193	192	321	190	191	190	321	192	193	326	198	194	196	209	207	207	194	197	322	340	208	211	325	203	201	170	199	201	277	274	178	197	176	187	193	244	310	347	345	224	268	366	300	351	268	
S.Reserve Total		1653	1524	1810	1837	1880	1979	2207	2534	2720	2807	2995	3129	3221	3353	3510	3596	3709	3622	3672	3493	3408	3311	3442	3442	3655	3781	3541	2701	2552	2170	2202	2289	2139	1906	1909	1905	1906	1888	1643	1349	1501	1452	1475	1567	1601	1613	1681	1806	