

### Availability at Daily Maximum Demand Hour

ST-Coal	9,619 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,388 MW
Distillate	0 MW
Others	0 MW
Gas	9,987 MW
Co-Gen	0 MW
<b>Total System</b>	<b>24,174 MW</b>

### Maximum Demand Record

Date: 5/29/2024	20,045 MW
Date: 5/29/2024	423,825 MWH

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	177
CBPS	45
EMPP	285
KLPP	45
NPRI	140
PCGP	81
SGRI	57
SKSP	47
SPGP	192
<b>Total Gas</b>	<b>1,098</b>

### Alternate Fuel Usage

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

### Set On Bus And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	20,693 MW
Spinning Reserve	1,053 MW
Maximum Demand	19,599 MW
Net Energy	417,063 MWH
Load Factor	89 %

### Generation Mix

Type	MWh	Percentage
ST-Coal	227,496	54.55 %
LSS	9,891	2.37 %
Hydro	16,315	3.91 %
Gas	164,753	39.50 %
Co-Gen	-741	-0.18 %
<b>Total Generation</b>	<b>417,714</b>	<b>100.16 %</b>
PLTG	-77	-0.02 %
EGAT	5	0.00 %
HVDC	723	0.17 %
<b>Interconnection</b>	<b>651</b>	<b>0.16 %</b>
<b>Net Energy</b>	<b>417,063</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	106,018,019.39 RM
Cost per Unit	25.27 cents/kWH

<b>Total Gas Required</b>	<b>1,098</b>
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### Average Spinning Reserve During Peak Hour

Type	MW
GT	749
Hydro	343
Syncon	633
Thermal	170
<b>Total</b>	<b>1,895</b>

Time	Weather	Temperature
Afternoon	Cloudy	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	17355	16486	15831	15354	14899	14752	14961	14632	14928	16542	17397	17974	17863	17715	18641	19173	19284	19278	18293	18268	19554	19510	19039	18688

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, June 14, 2024 11:21:52 AM

(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																											
Total Solar		0	0	0	0	0	0	0	0	0	0	0	0	41	147	392	592	765	1023	1116	1184	1139	1179	1216	1305	1216	1178	1204	1208	1085	1053	950	691	537	351	164	52	7	0	0	0	0	0	0	0	0	0	0	0			
PCUF	CUFG	35	35	36	35	34	35	36	35	34	35	34	34	33	31	30	31	31	31	32	32	31	31	30	31	30	31	31	32	31	30	31	31	30	31	30	31	30	31	32	31	31	31	31	32	31	31	31	30	31		
PCUF	CUFK	11	14	14	12	14	12	13	13	13	14	14	14	13	14	13	14	12	11	10	8	6	8	7	5	4	5	5	4	5	4	5	3	4	6	5	7	5	6	6	6	8	9	11	13	13	15	12				
Total NEDA Co-Gen		46	49	50	47	48	47	49	48	47	49	49	48	48	46	45	43	45	43	42	42	40	38	40	38	36	34	36	35	35	36	36	33	35	37	35	38	37	37	37	37	37	40	40	42	44	44	45	43			
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	0	0
Total Generation		17450	16954	16510	16337	15963	15729	15479	15241	15023	14882	14870	14845	15007	15056	14695	14584	14929	15928	16508	17000	17421	17717	18035	18221	17969	17855	17741	18339	18739	19221	19296	19406	19445	19534	19438	18984	18475	18168	18422	19234	19716	19706	19606	19455	19143	19023	18771	18479			
ESTL	ESTL	-32	-39	-42	-33	-37	-41	-45	-36	-30	-16	-28	-26	-17	-13	-4	-2	-11	-20	-12	-17	-32	-18	-17	-9	-19	-11	-15	-17	-7	0	-16	0	-7	-2	-23	-23	-20	-19	-11	-21	-24	-14	-16	-16	-20	-13	-12	-4			
KHTC	BLK1	-48	-42	-41	-44	-46	-46	-43	-43	-41	-41	-43	-42	-45	-43	-38	-41	-46	-50	-54	-59	-63	-62	-60	-61	-63	-59	-63	-66	-67	-69	-64	-66	-69	-65	-65	-64	-63	-57	-59	-57	-55	-53	-54	-54	-52	-49	-49				
Total Franchise Area		-80	-81	-83	-77	-83	-87	-91	-79	-73	-57	-69	-69	-59	-58	-47	-40	-52	-66	-62	-71	-91	-81	-79	-69	-80	-74	-80	-73	-67	-85	-64	-73	-71	-88	-88	-84	-82	-68	-80	-81	-69	-69	-70	-74	-65	-61	-53				
Singapore		-12	9	-85	30	20	20	6	56	23	45	21	31	-42	5	-12	-1	-79	-102	-124	-98	-92	-68	-44	1	-1	14	-75	5	-2	-22	12	15	59	36	45	29	70	25	59	49	54	12	-2	5	1	-33	-6	-15			
Thailand		29	31	29	31	31	29	31	29	31	31	31	31	31	30	31	30	31	31	31	31	29	31	29	30	29	29	29	29	29	31	29	29	32	31	29	28	31	30	30	31	30	29	31	29	32	30	31	31			
Interconnection		18	40	-56	61	52	49	37	85	54	76	52	62	-10	35	19	29	-48	-71	-93	-67	-64	-37	-15	31	29	44	-45	35	28	9	41	44	91	68	75	57	101	55	89	80	84	41	30	34	33	-3	25	17			
Total Demand		17355	16836	16486	16202	15831	15596	15354	15080	14899	14752	14717	14961	14966	14632	14518	14928	15936	16542	16999	17397	17676	17974	18124	17863	17740	17715	18227	18641	19148	19173	19301	19284	19398	19278	18842	18293	18034	18268	19077	19554	19599	19510	19354	19039	18964	18688	18412				
SRev ST-Coal		164	160	170	166	186	170	165	168	224	243	261	257	272	267	275	343	406	217	201	250	182	164	167	159	166	158	173	163	242	201	166	145	176	164	162	153	172	164	124	142	151	145	138	127	129	179	194	191			
SRev CCGT-Gas		869	1269	1613	1789	2167	2409	2644	2874	3026	3031	3024	3051	2918	2872	3086	3145	2931	2557	2246	1880	1653	1286	1068	985	1021	1173	1358	805	641	479	470	350	297	301	229	296	474	822	726	241	207	210	210	234	464	491	607	698			
SRev Co-Gen		0	-2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	-2	-1	0	0	0	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Syncon		827	827	827	827	676	827	978	978	978	978	978	978	978	978	978	978	978	978	978	978	978	978	640	1079	1079	1079	892	804	653	529	428	277	151	338	615	802	802	428	277	126	428	428	428	428	428	615					
Hydro		134	137	228	226	354	360	224	235	147	148	151	152	105	106	241	267	186	267	125	123	124	184	301	509	317	322	327	389	295	190	314	376	376	345	453	506	368	253	377	393	385	572	377	537	619	624	778	468			
S.Reserve Total		1994	2391	2838	3008	3383	3767	4011	4255	4375	4400	4414	4438	4273	4224	4580	4733	4501	3868	3550	3229	2936	2612	2514	2293	2583	2732	2937	2249	2070	1674	1602	1399	1277	1087	995	1293	1629	2041	2028	1204	1020	1053	1153	1327	1641	1722	2008	1973			