

### Availability at Daily Maximum Demand Hour

ST-Coal	9,424 MW
ST-Gas	0 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,426 MW
Distillate	0 MW
Others	0 MW
Gas	9,366 MW
Co-Gen	0 MW
<b>Total System</b>	<b>22,806 MW</b>

### Maximum Demand Record

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

### Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	8	<b>Total</b>	<b>0</b>
TJGS	126		
CBPS	40		
EMPP	246		
KLPP	34		
NPRI	68		
PCGP	78		
SGRI	55		
SKSP	4		
SPGP	182		
<b>Total Gas</b>	<b>840</b>		

### Alternate Fuel Usage

### Set On Bus And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	19,019 MW
Spinning Reserve	925 MW
Maximum Demand	18,036 MW
Net Energy	369,370 MWH
Load Factor	85 %

### Generation Mix

Type	MWh	Percentage
ST-Coal	221,858	60.06 %
LSS	9,134	2.47 %
Hydro	15,542	4.21 %
Gas	125,553	33.99 %
Co-Gen	-1,187	-0.32 %
<b>Total Generation</b>	<b>370,900</b>	<b>100.41 %</b>
PLTG	105	0.03 %
HVDC	1,425	0.39 %
<b>Interconnection</b>	<b>1,530</b>	<b>0.41 %</b>
<b>Net Energy</b>	<b>369,370</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	89,815,724.72 RM
Cost per Unit	24.09 cents/kWH

**Total Gas Required 840**

### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,781
Hydro	236
Syncon	752
Thermal	319
<b>Total</b>	<b>3,088</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	16884	16283	15655	15077	14709	14271	14210	13832	13136	13474	14035	14229	14192	14173	14633	15207	15675	15944	15680	16163	17780	18036	17816	17699

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, May 30, 2024 9:35:38 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	CUFG	29	28	29	29	28	28	28	29	29	28	27	29	28	27	29	29	28	28	26	28	27	27	27	27	29	27	28	29	33	31																				
PCUF	CUFK	3	2	3	4	4	3	3	2	4	3	4	4	5	5	6	3	2	5	2	2	3	5	3	3	2	4	5	3	1	1	5	5	4	4	1	3	3	5	3	3	2									
Total NEDA Co-Gen		32	30	32	33	32	30	32	32	32	30	29	33	31	32	33	34	33	35	30	31	34	31	29	32	33	30	29	32	31	29	31	33	31	27	29	34	32	32	31	28	30	32	32	33	32	36	33			
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		
Total Generation		16986	16764	16350	16033	15749	15576	15208	15059	14836	14756	14438	14412	14334	14246	13959	13451	13236	13352	13658	13787	14025	14254	14348	14394	14309	14243	14277	14615	14732	15146	15407	15644	15860	16089	16244	16031	15919	16015	16353	17500	17976	18052	18174	18135	17972	17958	17848	17616		
ESTL	ESTL	-32	-31	-32	-28	-31	-32	-28	-26	-31	-36	-29	-29	-26	-22	-24	-19	-20	-20	-23	-23	-20	-18	-29	-26	-24	-14	-27	-17	-17	-18	-10	-20	-26	-26	-27	-33	-24	-31	-16	-8	-12	-20	-16	-22	-26	-20	-11	-12		
KHTC	BLK1	-52	-49	-51	-48	-44	-43	-46	-46	-46	-46	-42	-42	-37	-36	-38	-38	-42	-46	-46	-46	-49	-58	-59	-58	-61	-60	-63	-67	-66	-68	-67	-70	-69	-78	-81	-80	-80	-77	-73	-69	-70	-69	-67	-69	-67	-66	-63	-67		
PFTZ	PFTZ	0	0	0	0	-1	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 Franchise Area		-84	-80	-83	-76	-76	-75	-74	-72	-77	-82	-71	-71	-63	-58	-62	-57	-62	-66	-69	-69	-69	-76	-88	-84	-85	-74	-90	-84	-83	-86	-77	-90	-95	-104	-108	-113	-104	-108	-89	-77	-82	-89	-83	-91	-93	-86	-74	-79		
Singapore		-37	-43	-72	-63	-40	16	-1	26	-5	51	42	24	5	11	9	-12	-17	-69	60	-50	-136	-27	-25	-23	-24	-44	-42	15	-41	-30	66	42	35	20	136	73	79	46	44	10	57	31	-2	-4	9	36	20	57		
Thailand		59	59	59	60	61	60	61	59	58	58	58	58	58	59	59	60	58	60	58	61	61	61	59	59	59	59	60	60	60	60	60	58	61	59	61	58	60	60	57	60	61	60	59	57	60	58	58	58		
Interconnection		21	16	-13	-3	21	76	60	85	53	109	99	82	64	70	68	48	41	-9	118	11	-76	34	34	36	35	14	17	75	19	29	126	102	93	81	195	134	138	106	104	67	117	92	58	56	66	96	78	115		
Total Demand		16884	16671	16283	15963	15655	15428	15077	14905	14709	14568	14271	14262	14210	14121	13832	13349	13136	13298	13474	13710	14035	14147	14229	14277	14192	14158	14173	14459	14633	15034	15207	15455	15675	15907	15944	15787	15680	15804	16163	17359	17780	17874	18036	17991	17816	17779	17699	17425		
S.Rev ST-Coal		111	146	141	148	134	149	141	140	149	180	400	362	357	386	443	626	691	661	580	532	468	431	360	464	456	675	639	536	422	340	216	190	173	186	139	170	123	125	141	152	141	142	135	136	85	22	-3	-24		
S.Rev CCGT-Gas		1156	1262	1423	1015	1221	1194	1521	1659	1881	1920	2016	2080	2153	2185	2490	2781	2857	2796	2897	2751	2731	2680	2739	2923	2864	2849	2850	2831	2735	2369	2114	1736	1370	985	777	941	1019	805	836	567	287	221	173	199	243	240	163	338		
S.Rev Co-Gen		0	0	0	0	1	-1	1	1	3	2	0	-2	0	-1	0	-1	0	1	-1	0	1	1	0	0	-1	0	0	1	0	0	0	-1	0	0	1	0	-1	0	0	-2	0	0	-1	1	0	0	0	0		
Syncon		728	728	577	728	728	728	728	764	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	
Hydro		185	102	222	83	74	151	122	284	125	133	131	136	140	149	165	168	122	98	242	150	155	78	109	170	173	241	163	166	34	35	93	81	161	161	75	159	164	117	284	433	416	532	467	479	463	542	445	521		
S.Reserve Total		2180	2238	2363	1974	2158	2221	2513	2848	3073	3150	3462	3491	3565	3634	4013	4489	4585	4471	4482	4197	4220	4055	4073	4422	4483	4605	4643	4374	4333	3886	3565	3148	2846	2474	2134	2412	2447	2189	2063	1301	995	1046	925	966	1129	1142	1256	1335		