

### Availability at Daily Maximum Demand Hour

ST-Coal	8,842 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,454 MW
Distillate	0 MW
Others	0 MW
Gas	8,715 MW
Co-Gen	0 MW
<b>Total System</b>	<b>22,191 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:	21:00:00 Hour
Total Set On Bus	18,527 MW
Spinning Reserve	1,058 MW
Maximum Demand	17,423 MW
Net Energy	361,267 MWH
Load Factor	86 %

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	84
CBPS	41
EMPP	249
KLPP	57
NPRI	127
PCGP	79
SGRI	34
SPGP	181
<b>Total Gas</b>	<b>881</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	208,445	57.70 %
LSS	7,630	2.11 %
Hydro	14,607	4.04 %
Gas	131,613	36.43 %
Co-Gen	-787	-0.22 %
<b>Total Generation</b>	<b>361,508</b>	<b>100.07 %</b>
PLTG	514	0.14 %
HVDC	-273	-0.08 %
<b>Interconnection</b>	<b>241</b>	<b>0.07 %</b>
<b>Net Energy</b>	<b>361,267</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	88,195,378.99 RM
Cost per Unit	24.31 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,851
Hydro	295
Syncon	718
Thermal	144
<b>Total</b>	<b>3,008</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	16870	16125	15594	14956	14447	14199	14148	13668	12997	13282	13751	14098	14122	14154	14593	14807	15145	15287	15073	15553	17115	17423	17064	16850

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, July 22, 2024 9:34:16 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																										
PFTZ	PFTZ	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2																										
Total NEDA Co-Gen		24	24	21	23	22	22	22	23	22	20	24	19	21	21	18	22	19	18	18	17	17	17	16	17	15	16	13	13	16	19	16	15	16	16	16	16	15	25	48	31	14	17	15	15	15	15	15	27	50	
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		16849	16541	16139	15933	15653	15314	15007	14833	14491	14377	14193	14107	14189	14041	13746	13150	13006	13126	13237	13480	13795	14004	14107	14221	14182	14262	14296	14603	14708	14740	14861	15047	15186	15334	15434	15170	15195	15199	15636	16571	17198	17356	17521	17407	17151	17063	16899	16611		
ESTL	ESTL	-14	0	-8	-11	-8	-1	-4	-1	-9	-11	-12	-20	-16	-8	-10	0	0	-2	-8	-14	-12	0	-13	-7	-16	-17	-16	-8	-8	0	0	-2	-8	-12	-21	-14	-17	-7	-6	-4	-9	-5	-12	-14	-14	-3	-5	-12		
KHTC	BLK1	-41	-41	-41	-35	-34	-37	-31	-35	-33	-36	-36	-36	-36	-30	-32	-31	-33	-35	-35	-39	-41	-41	-46	-48	-50	-49	-51	-51	-53	-54	-57	-55	-55	-61	-62	-62	-58	-58	-58	-59	-45	-46	-43	-41	-41	-43	-40	-41		
Total Franchise Area		-55	-41	-49	-46	-42	-38	-35	-36	-42	-47	-48	-56	-52	-38	-42	-31	-33	-37	-43	-53	-53	-41	-59	-55	-66	-66	-67	-59	-61	-54	-57	-57	-63	-73	-83	-76	-75	-65	-64	-63	-54	-51	-55	-55	-55	-46	-45	-53		
Singapore		-45	12	-2	-23	50	16	47	23	32	43	-22	41	20	50	66	88	10	-26	-56	-53	-6	76	-47	8	-3	43	78	102	57	-29	0	-19	-19	50	67	63	50	67	22	-4	32	26	46	42	35	15	7	-3		
Thailand		-28	-28	-30	-28	-30	-28	-28	-28	-29	-29	-29	-29	-29	-28	-28	-30	-29	-29	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
Interconnection		-73	-16	-32	-51	20	-12	19	-4	5	13	-51	12	-8	21	39	59	-21	-55	-85	-53	-6	76	-47	8	-3	43	78	102	57	-29	0	-19	-19	50	67	63	50	67	22	-4	32	26	46	42	35	15	7	-3		
Total Demand		16870	16519	16125	15941	15594	15291	14956	14804	14447	14320	14199	14042	14148	13985	13668	13063	12997	13147	13282	13483	13751	13890	14098	14161	14122	14156	14154	14445	14593	14718	14807	15012	15145	15214	15287	15034	15073	15070	15553	16515	17115	17282	17423	17313	17064	17005	16850	16564		
SRev ST-Coal		153	143	157	141	143	159	164	156	358	338	354	341	408	421	431	478	490	493	485	468	454	304	138	147	168	152	156	143	158	168	156	162	170	158	162	140	142	177	158	178	89	114	80	148	125	61	163			
SRev CCGT-Gas		421	349	513	511	789	1080	1383	1567	1705	1837	2009	2034	1906	2041	2304	2723	2728	2745	2792	2772	2783	2779	2935	2850	2882	2854	2793	2698	2592	2452	2518	2221	1973	1711	1521	1641	1614	1512	1022	360	232	145	104	164	203	197	278	491		
SRev Co-Gen		0	-1	0	-1	0	2	0	-1	-2	0	-1	0	0	0	-2	-1	0	0	1	0	1	0	0	0	-1	-2	0	-1	1	-1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
Syncon		739	739	1041	1041	1041	1041	1041	1041	1041	1041	1041	1041	890	890	1041	890	991	991	991	991	991	991	991	991	991	991	840	840	739	739	890	890	890	890	890	890	890	1041	1041	1041	1041	802	151	302	302	428	615	802	890	1041
Hydro		241	348	150	129	128	185	184	183	184	184	184	128	260	259	128	406	256	116	145	123	121	114	160	157	158	286	279	252	259	122	122	122	150	249	248	115	115	115	115	254	587	537	538	500	502	432	503	351		
S.Reserve Total		1554	1578	1861	1821	2126	2467	2772	2946	3286	3400	3587	3544	3464	3611	3902	4496	4465	4345	4414	4354	4350	4188	4224	4145	4198	4130	4068	3831	3749	3631	3687	3389	3175	3022	2817	2959	2910	2810	2355	1574	1148	1073	1058	1172	1468	1556	1734	2046		