

### Availability at Daily Maximum Demand Hour

ST-Coal	9,992 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,440 MW
Hydro	2,082 MW
Distillate	0 MW
Others	0 MW
Gas	8,646 MW
Co-Gen	0 MW
<b>Total System</b>	<b>22,750 MW</b>

### Maximum Demand Record

Date: 4/29/2024	20,028 MW
Date: 4/3/2024	423,300 MWH

### Set On Bus And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	20,576 MW
Spinning Reserve	1,022 MW
Maximum Demand	19,478 MW
Net Energy	411,343 MWH
Load Factor	88 %

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	192
CBPS	49
EMPP	284
KLPP	77
NPRI	73
PCGP	83
SGRI	107
SKSP	32
SPGP	137
<b>Total Gas</b>	<b>1,063</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	232,029	56.41 %
LSS	9,103	2.21 %
Hydro	12,335	3.00 %
Gas	158,306	38.49 %
Co-Gen	-645	-0.16 %
<b>Total Generation</b>	<b>411,128</b>	<b>99.95 %</b>
PLTG	397	0.10 %
HVDC	-612	-0.15 %
<b>Interconnection</b>	<b>-215</b>	<b>-0.05 %</b>
<b>Net Energy</b>	<b>411,343</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	99,835,422.69 RM
Cost per Unit	24.19 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	354
Hydro	276
Syncon	605
Thermal	165
<b>Total</b>	<b>1,400</b>

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	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	16550	15732	15173	14666	14262	14015	14310	14153	14864	16733	17641	18251	18171	18033	18820	19345	19478	19098	17974	17941	19242	19279	18688	18160

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, May 17, 2024 2:34:46 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator



### Daily MW Generation on Monday

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 Distillate		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 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																									
ESTL	ESTL	0	0	4	13	16	0	11	0	13	10	9	10	14	17	18	0	14	0	0	0	12	12	8	10	7	0	0	0	12	17	4	0	8	8	0	9	25	16	17	25	33	31	23	24	25	33	14	19	
PCUF	CUFG	21	20	21	22	21	20	21	21	20	20	20	21	20	20	19	21	20	22	22	20	20	20	20	20	19	20	20	20	22	21	21	21	20	21	20	21	21	21	20	21	21	20	21	20	21	21	20		
PCUF	CUFK	6	3	2	1	4	3	4	4	2	4	3	4	2	3	3	5	4	3	4	3	3	3	4	3	2	2	3	2	3	5	3	3	5	3	5	3	3	5	1	3	4	4	4	2	2	4	6	2	
Total NEDA Co-Gen		27	23	27	36	41	23	36	25	22	37	33	34	32	37	40	43	23	38	24	25	25	35	36	31	32	29	22	22	35	44	28	24	34	32	25	33	48	42	39	49	57	56	48	46	47	58	41	41	
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		16571	16211	15730	15464	15145	14935	14699	14453	14328	14208	14084	14147	14327	14539	14226	14319	14886	16007	16753	17171	17568	17946	18282	18510	18280	18082	18169	18346	18882	19281	19459	19557	19635	19620	19331	18520	18047	17797	18009	18919	19292	19347	19292	19057	18750	18671	18235	17781	
ESTL	ESTL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-5	0	0	0	0	0	-15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KHTC	BLK1	-47	-49	-46	-46	-46	-44	-45	-47	-45	-44	-45	-40	-43	-43	-46	-46	-52	-58	-62	-65	-67	-72	-70	-73	-72	-75	-75	-81	-74	-81	-83	-86	-84	-76	-80	-79	-77	-73	-68	-68	-66	-64	-65	-62	-61	-61	-56	-44	
Total Franchise Area		-47	-49	-46	-46	-46	-44	-45	-47	-45	-44	-45	-40	-43	-43	-46	-46	-52	-58	-62	-65	-67	-72	-70	-73	-72	-75	-75	-81	-74	-81	-83	-86	-84	-76	-80	-79	-77	-73	-68	-68	-66	-64	-65	-62	-61	-61	-56	-44	
Singapore		-53	-87	-76	-33	-42	43	21	13	53	25	56	-3	6	51	59	19	3	-45	-10	-70	-113	-43	-7	43	68	55	79	-82	21	20	64	34	105	129	185	78	28	19	31	12	16	31	-21	24	32	11	53	-8	
Thailand		30	31	31	-30	-30	-30	-29	-29	-29	-29	-30	-30	-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		-23	-56	-45	-62	-71	13	-9	-16	24	-4	27	-33	-23	22	30	-11	-27	-74	-39	-100	-142	-72	-36	14	40	25	49	-112	-9	-10	34	5	76	100	156	49	-1	-9	3	-18	-13	2	-49	-4	4	-17	22	-37	
Total Demand		16550	16221	15732	15483	15173	14881	14666	14425	14262	14171	14015	14143	14310	14477	14153	14287	14864	16026	16733	17209	17641	17949	18251	18426	18171	17985	18033	18380	18820	19213	19345	19469	19478	19447	19098	18395	17974	17736	17941	18872	19242	19284	19279	19002	18688	18630	18160	17777	
SRev ST-Coal		189	148	227	217	94	-63	345	457	460	572	550	465	437	515	679	303	201	182	186	156	170	206	169	171	118	183	229	203	158	152	194	162	178	192	187	199	203	155	182	184	157	89	122	109	217	201	186		
SRev CCGT-Gas		816	878	1120	1369	1813	2158	2230	2232	2245	2139	2386	2308	2229	2267	2540	2393	1869	1015	695	479	518	410	335	321	491	625	764	686	370	450	294	228	239	237	283	528	744	835	655	178	234	227	222	407	304	258	567	446	
SRev Co-Gen		1	2	-1	0	0	0	1	1	-1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	-1	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	-1	-1	0	-1	-1	1	0
Syncon		665	665	766	766	766	766	615	766	766	615	766	892	892	892	892	464	804	804	892	892	892	892	892	741	741	892	892	892	892	516	516	365	365	365	365	892	892	892	892	428	428	428	428	428	428	552	703	703	640
Hydro		211	196	184	220	223	227	235	356	223	142	316	184	147	143	174	149	454	263	262	186	165	8	54	182	202	218	220	190	205	344	347	437	255	304	408	323	253	257	215	402	303	281	401	416	500	467	468	306	
S.Reserve Total		1882	1889	2296	2572	2896	3088	3577	3661	3693	3619	3868	3808	3733	3739	4121	4113	3090	2283	1943	1743	1732	1481	1487	1413	1605	1852	2059	1999	1670	1468	1309	1224	1022	1084	1248	1930	2088	2187	1917	1190	1149	1092	1139	1373	1464	1644	1942	1578	