

### Availability at Daily Maximum Demand Hour

ST-Coal	10,540 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,276 MW
Distillate	0 MW
Others	0 MW
Gas	9,492 MW
Co-Gen	0 MW
<b>Total System</b>	<b>24,488 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	20,798 MW
Spinning Reserve	1,772 MW
Maximum Demand	19,005 MW
Net Energy	412,616 MWH
Load Factor	90 %

### Gas Usage

Station	(mmscfd)
GLGR	48
TJGS	157
CBPS	46
EMPP	268
KLPP	49
NPRI	76
PCGP	82
SGRI	91
SPGP	192
<b>Total Gas</b>	<b>1,007</b>

### Alternate Fuel Usage

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

### Generation Mix

Type	MWh	Percentage
ST-Coal	245,041	59.39 %
LSS	6,468	1.57 %
Hydro	13,138	3.18 %
Gas	149,809	36.31 %
Co-Gen	-598	-0.14 %
<b>Total Generation</b>	<b>413,858</b>	<b>100.30 %</b>
PLTG	62	0.02 %
HVDC	1,180	0.29 %
<b>Interconnection</b>	<b>1,242</b>	<b>0.30 %</b>
<b>Net Energy</b>	<b>412,616</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	102,993,624.82 RM
Cost per Unit	24.80 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	793
Hydro	251
Syncon	787
Thermal	230
<b>Total</b>	<b>2,061</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	17496	16646	15980	15481	15164	14930	15062	14880	15059	16822	17693	18210	18065	17922	18455	18866	19005	18666	17718	17831	18670	18506	17769	17384

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, May 17, 2024 3:15:24 PM

(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	0	2	48	179	306	390	536	651	781	788	836	878	868	871	812	971	847	755	768	603	381	301	196	126	50	8	0	0	0	0	0	0	0	0	0	0	0	
ESTL	ESTL	16	16	12	10	12	18	19	14	11	11	18	16	12	16	16	17	17	17	14	14	18	16	20	15	12	12	2	16	18	15	10	7	9	4	0	10	18	18	12	14	1	12	14	0	2	17	17			
PCUF	CUFG	23	15	16	15	14	16	15	14	14	17	17	15	16	16	17	16	17	19	18	18	18	17	18	18	18	17	34	28	22	20	20	22	21	22	22	21	21	21	22	22	22	22	26	29	23	23	22	23		
PCUF	CUFK	2	3	5	5	4	4	2	4	1	3	6	0	4	3	4	2	4	2	1	2	2	1	4	5	4	2	2	3	4	2	3	3	2	3	1	4	3	2	4	3	2	4	2	2	5	4	2	4		
Total NEDA Co-Gen		41	34	33	30	30	38	36	32	26	31	41	31	32	35	37	35	38	38	36	34	34	36	38	43	37	31	48	33	42	40	38	35	30	34	27	25	34	41	44	37	38	27	40	45	28	29	41	44		
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
Total Generation		17643	17166	16756	16487	16175	15973	15687	15410	15299	15098	15054	15076	15161	15378	15007	14770	15180	16322	16888	17414	17795	18117	18359	18464	18034	17948	17897	18275	18628	18862	18949	18932	19097	19060	18830	18303	17893	17671	17949	18699	18817	18716	18632	18294	17844	17672	17471	17067		
KHTC	BLK1	-59	-60	-58	-59	-60	-61	-58	-54	-55	-56	-57	-54	-56	-55	-52	-58	-60	-63	-66	-68	-70	-69	-75	-74	-77	-71	-74	-76	-76	-75	-71	-74	-69	-69	-69	-57	-54	-56	-52	-48	-49	-48	-48	-46	-45	-44	-42			
Total Franchise Area		-59	-60	-58	-59	-60	-61	-58	-54	-55	-56	-57	-54	-56	-55	-52	-58	-60	-63	-66	-68	-70	-69	-75	-74	-77	-71	-74	-76	-76	-75	-71	-74	-69	-69	-69	-57	-54	-56	-52	-48	-49	-48	-48	-46	-45	-44	-42			
Singapore		25	19	-9	2	73	46	85	46	18	38	4	43	-19	3	12	-17	2	-44	-59	-1	-27	-7	83	51	-102	-81	-93	-5	100	62	9	-63	-38	-44	40	52	62	-33	7	7	44	-52	21	-31	-25	-44	-14	-24		
Thailand		65	63	64	66	65	65	66	63	65	66	65	66	65	63	63	63	64	63	64	64	64	0	0	0	0	0	0	0	0	2	60	59	59	58	59	58	60	57	60	58	59	60	57	60	61	61	60			
Interconnection		91	82	55	68	138	111	151	109	83	104	70	109	46	66	75	46	66	20	6	64	37	-7	83	51	-102	-81	-93	-5	100	62	11	-4	21	15	98	111	121	27	65	67	102	7	81	29	32	16	46	36		
Total Demand		17496	17027	16646	16363	15980	15804	15481	15250	15164	14941	14930	14916	15062	15259	14880	14675	15059	16245	16822	17287	17693	18057	18210	18341	18065	17955	17922	18209	18455	18727	18866	18868	19005	18979	18666	18126	17718	17593	17831	18583	18670	18663	18506	18220	17769	17614	17384	16992		
SRev ST-Coal		199	205	200	210	191	210	208	207	237	333	339	337	323	333	352	529	445	217	258	267	261	264	263	276	259	313	233	199	201	213	188	194	213	205	196	195	200	178	250	226	213	211	245	237	214	192	191	195		
SRev CCGT-Gas		1436	1585	1782	1908	2038	2235	2459	2733	2818	2921	2920	2858	2798	2614	2913	2970	2810	2223	1702	1330	1012	849	653	803	1277	1297	1471	1083	1135	793	630	658	479	420	510	909	1128	1335	1003	835	656	292	301	586	996	1121	1080	822		
SRev Co-Gen		0	0	0	0	0	0	-1	0	3	0	0	1	1	0	-1	0	0	0	0	0	0	2	0	0	0	0	0	0	1	1	-1	0	-1	0	1	0	1	0	0	0	0	0	0	0	-1	-1	0			
Syncon		978	827	978	1079	928	1079	1079	1079	1079	1079	1079	1079	1079	1079	928	1079	1079	1079	1079	978	978	978	978	978	978	978	978	827	978	978	978	978	978	640	791	791	791	978	978	390	239	390	302	302	428	365	827			
Hydro		114	361	287	190	284	127	165	165	155	162	211	193	183	143	301	169	165	123	119	251	158	128	193	78	87	83	101	231	99	180	259	252	102	326	237	234	359	315	258	273	474	249	459	555	564	508	513	298		
S.Reserve Total		2727	2978	3247	3387	3441	3651	3910	4184	4292	4495	4549	4468	4384	4169	4493	4747	4499	3642	3158	2776	2510	2322	2087	2135	2601	2671	2783	2340	2413	2165	2056	2081	1772	1590	1734	2130	2478	2807	2489	1724	1582	1142	1307	1680	2076	2248	2148	2142		