

Availability at Daily Maximum Demand Hour

ST-Coal	10,020 MW
ST-Gas	296 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,326 MW
Distillate	0 MW
Others	0 MW
Gas	8,590 MW
Co-Gen	0 MW
Total System	22,822 MW

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:	15:30:00 Hour
Total Set On Bus	20,192 MW
Spinning Reserve	1,362 MW
Maximum Demand	18,889 MW
Net Energy	394,384 MWH
Load Factor	87 %

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	175
CBPS	47
EMPP	202
KLPP	61
NPRI	81
PCGP	89
SGRI	80
SPGP	207
Total Gas	971

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
ST-Coal	224,264	56.86 %
LSS	9,547	2.42 %
Hydro	13,123	3.33 %
Gas	146,793	37.22 %
Co-Gen	-501	-0.13 %
Total Generation	393,226	99.71 %
PLTG	-466	-0.12 %
EGAT	5	0.00 %
HVDC	-697	-0.18 %
Interconnection	-1,158	-0.29 %
Net Energy	394,384	100.00 %

Fuel Cost

Total Cost:	98,361,377.84 RM
Cost per Unit	24.92 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	537
Hydro	423
Syncon	504
Thermal	194
Total	1,658

Time	Weather	Temperature
Afternoon	Hot	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	15421	14672	14097	13531	13273	13034	13433	13544	14309	16065	16996	17503	17514	17392	18315	18774	18855	18522	17407	17403	18600	18681	18189	17794

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, June 6, 2024 5:16:39 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Tuesday

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	0	0	0	0	0	0	0	0	0	0	0	0
ESTL	ESTL	4	0	0	0	0	2	0	0	0	0	0	2	8	8	0	9	0	0	0	0	0	0	0	0	2
PCUF	CUFG	33	33	33	33	32	33	34	31	33	32	32	32	33	32	32	31	33	32	33	33	32	31	32	32	
PCUF	CUFK	10	10	9	9	11	9	10	10	11	10	11	11	12	11	13	13	12	12	10	10	9	7	7	5	
Total NEDA Co-Gen		47	43	42	42	43	42	46	41	44	42	43	43	45	45	54	53	44	52	43	42	42	41	49	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	
Total Generation		15422	15128	14698	14377	14079	13851	13514	13372	13248	13156	13050	13167	13414	13693	13477	13585	14295	15447	16036	16503	17027	17381	17569	17641	
ESTL	ESTL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-8	-10	0	0	0	0	0	0	
KHTC	BLK1	-48	-50	-49	-45	-47	-46	-43	-44	-45	-45	-45	-45	-43	-44	-47	-50	-54	-60	-63	-66	-72	-73	-73	-74	
Total Franchise Area		-48	-50	-49	-45	-47	-46	-43	-44	-45	-45	-45	-45	-43	-44	-47	-50	-54	-60	-63	-66	-72	-73	-73	-74	
Singapore		-15	-27	9	-22	-35	-22	-29	-4	-39	-36	2	-37	-32	5	-80	-55	-33	5	-66	-71	-2	15	24	-78	
Thailand		-29	-30	-29	-30	-28	-28	-28	-30	-29	-30	-28	-28	-29	-28	-30	-28	-28	-30	-29	-28	-28	-29	-29	-29	
Interconnection		-44	-57	-20	-52	-62	-50	-57	-34	-67	-66	-26	-65	-61	-23	-108	-85	-61	-25	-94	-99	-32	-12	-4	-108	
Total Demand		15421	15138	14672	14387	14097	13858	13531	13365	13273	13180	13034	13190	13433	13676	13544	13626	14309	15421	16065	16532	16996	17324	17503	17679	
SRev ST-Coal		221	295	474	570	567	586	621	824	821	837	823	828	836	807	787	740	736	356	202	196	186	196	179	181	
SRev CCGT-Gas		573	714	725	785	906	733	933	750	828	781	864	732	815	909	1226	1388	1374	1410	1297	1093	675	501	578	592	
SRev Co-Gen		0	0	1	0	0	1	2	0	0	0	-1	0	1	0	-1	-2	0	-1	0	0	0	0	-1	0	
Syncon		1079	1079	928	1079	1079	1079	1079	928	1079	1079	1079	1079	1079	1079	1079	1079	928	1079	928	791	791	791	791	791	
Hydro		208	220	353	220	219	158	159	261	154	158	151	147	74	164	167	167	154	166	295	165	172	293	219	296	
S.Reserve Total		2081	2308	2481	2654	2771	2557	2794	2763	2882	2855	2916	2786	2805	2959	3258	3372	3343	3010	2721	2533	2112	1918	1766	1860	