

Availability at Daily Maximum Demand Hour

ST-Coal	10,440 MW
ST-Gas	0 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,426 MW
Distillate	0 MW
Others	0 MW
Gas	9,208 MW
Co-Gen	0 MW
Total System	23,664 MW

Maximum Demand Record

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

Gas Usage

Station	(mmscfd)
GLGR	19
TJGS	176
CBPS	47
EMPP	288
KLPP	72
NPRI	76
PCGP	83
SGRI	97
SPGP	194
Total Gas	1,052

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Set On Bus And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	21,351 MW
Spinning Reserve	1,279 MW
Maximum Demand	20,045 MW
Net Energy	423,825 MWH
Load Factor	88 %

Generation Mix

Type	MWh	Percentage
ST-Coal	244,382	57.66 %
LSS	9,024	2.13 %
Hydro	13,968	3.30 %
Gas	158,204	37.33 %
Co-Gen	-533	-0.13 %
Total Generation	425,045	100.29 %
PLTG	-205	-0.05 %
HVDC	1,425	0.34 %
Interconnection	1,220	0.29 %
Net Energy	423,825	100.00 %

Fuel Cost

Total Cost:	104,272,593.83 RM
Cost per Unit	24.43 cents/kWH

Total Gas Required 1,052

Average Spinning Reserve During Peak Hour

Type	MW
GT	653
Hydro	321
Syncon	709
Thermal	180
Total	1,863

Time	Weather	Temperature
Afternoon	Hot	35
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	17721	16928	16371	15756	15291	15136	15014	14946	15184	16895	17662	18283	18345	18343	19052	19720	19979	19597	18427	18334	19378	19425	18812	18581

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Wednesday

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	1	0	0	0	0	2	0	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0
PCUF	CUFG	33	32	31	32	32	32	31	32	33	32	33	32	33	30	32	31	32	32	30	31	30	32	31	31
PCUF	CUFK	5	4	2	2	3	24	25	25	25	25	23	25	24	24	25	27	25	23	3	2	2	3	2	1
Total NEDA Co-Gen		38	37	33	34	35	56	58	57	59	57	58	56	57	55	59	58	57	55	33	33	34	35	33	34
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		17815	17456	17086	16695	16440	16156	15872	15740	15425	15267	15226	15124	15104	15269	15016	15018	15259	16269	16972	17484	17797	18194	18362	18576
ESTL	ESTL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KHTC	BLK1	-60	-60	-61	-56	-57	-57	-57	-54	-56	-59	-55	-59	-58	-61	-60	-61	-67	-70	-74	-77	-76	-78	-77	-79
Total Franchise Area		-60	-60	-61	-56	-57	-57	-54	-56	-59	-55	-59	-58	-61	-60	-61	-67	-70	-74	-77	-76	-78	-77	-79	-78
Singapore		-21	11	42	4	-44	35	2	3	20	-11	-23	24	-23	-41	-45	-26	-47	-94	-55	-90	4	-78	-56	-36
Thailand		58	60	58	58	58	60	60	61	60	58	61	59	58	58	60	58	61	59	58	58	61	60	61	60
Interconnection		37	70	100	62	15	95	62	63	81	48	38	83	35	17	13	34	11	-36	6	-31	62	-20	5	
Total Demand		17721	17329	16928	16580	16371	16007	15756	15626	15291	15163	15136	14985	15014	15194	14946	14926	15184	16238	16895	17441	17662	18139	18283	18476
SRev ST-Coal		211	417	295	226	201	192	172	221	208	214	252	273	283	436	424	392	394	181	194	167	154	162	175	162
SRev CCGT-Gas		950	831	878	1088	1421	1709	2011	2099	2444	2613	2674	2747	2707	2528	2626	2664	2560	2254	1771	1473	1329	1026	992	900
SRev Co-Gen		-1	0	0	0	2	0	-1	-2	0	1	-2	0	0	0	1	0	0	0	1	0	0	0	0	-1
Syncon		739	890	991	991	991	991	991	991	928	991	991	1079	1079	827	978	978	890	978	978	890	978	827	978	978
Hydro		441	306	180	145	107	133	137	131	266	97	140	145	196	230	121	119	119	66	61	76	61	233	91	45
S.Reserve Total		2340	2531	2431	2537	2809	3112	3397	3527	3846	4003	4142	4244	4265	4021	4150	4153	4050	3479	3005	2693	2522	2248	2236	2085