

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	8,772 MW
Co-Gen	0 MW
Total System	23,768 MW

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:	16:30:00 Hour
Total Set On Bus	21,095 MW
Spinning Reserve	1,463 MW
Maximum Demand	19,607 MW
Net Energy	419,011 MWH
Load Factor	89 %

Gas Usage

Station	(mmscfd)
GLGR	48
TJGS	179
CBPS	47
EMPP	286
KLPP	63
NPRI	73
PCGP	85
SGRI	104
SPGP	134
Total Gas	1,019

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
ST-Coal	247,236	59.00 %
LSS	9,231	2.20 %
Hydro	13,132	3.13 %
Gas	151,533	36.16 %
Co-Gen	-807	-0.19 %
Total Generation	420,325	100.31 %
PLTG	240	0.06 %
EGAT	6	0.00 %
HVDC	1,068	0.25 %
Interconnection	1,314	0.31 %
Net Energy	419,011	100.00 %

Fuel Cost

Total Cost:	104,801,256.13 RM
Cost per Unit	24.84 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	611
Hydro	240
Syncon	708
Thermal	204
Total	1,763

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	17479	16622	16056	15458	15066	14737	14956	14754	15170	16801	17612	18052	18044	17915	18818	19300	19522	19299	18246	18340	19531	19526	18928	18521

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, May 17, 2024 3:13:00 PM

(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 Solar		0	0	0	0	0	0	0	0	0	0	0	0	4	82	210	394	561	748	939	955	1041	1131	1183	1260	1274	1222	1249	1214	979	1013	821	697	556	495	290	134	18	2	0	0	0	0	0	0	0	0	0	0		
ESTL	ESTL	10	16	12	14	15	7	13	14	0	0	6	7	8	17	18	12	13	12	14	8	11	15	14	5	9	12	14	14	14	14	6	8	10	11	4	5	11	15	10	11	14	8	0	9	12	16	16			
PCUF	CUFG	11	9	10	9	9	10	23	22	22	23	12	10	10	11	11	15	16	15	16	16	15	17	16	15	15	23	22	21	22	23	23	23	24	23	24	21	12	13	10	12	15	15	22	24	23	22	23	23		
PCUF	CUFK	2	3	2	4	3	3	6	2	2	2	4	2	3	3	5	3	3	5	3	4	2	4	3	3	4	1	2	3	2	2	3	3	2	2	3	5	4	2	2	4	2	4	0	4	2	3	4	4	3	4
Total NEDA Co-Gen		23	28	24	27	27	20	42	38	24	25	22	19	21	31	34	30	33	29	34	27	29	36	31	22	27	37	38	38	39	40	39	31	35	38	39	27	19	28	27	26	26	33	32	27	36	38	42	43		
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		17485	17086	16709	16440	16178	15863	15563	15355	15202	14937	14877	14957	15018	15184	14889	14784	15200	16197	16861	17200	17728	17947	18144	18383	18249	18091	18084	18527	18909	19284	19486	19488	19590	19712	19424	18852	18399	18071	18420	19254	19653	19712	19679	19401	19055	18945	18676	18202		
KHTC	BLK1	-54	-56	-53	-53	-51	-54	-55	-49	-52	-53	-51	-54	-50	-52	-52	-52	-57	-59	-60	-64	-62	-66	-67	-71	-73	-75	-73	-75	-81	-79	-83	-86	-84	-83	-79	-76	-76	-74	-72	-70	-67	-68	-66	-63	-61	-62	-61	-61		
Total Franchise Area		-54	-56	-53	-53	-51	-54	-55	-49	-52	-53	-51	-54	-50	-52	-52	-52	-57	-59	-60	-64	-62	-66	-67	-71	-73	-75	-73	-75	-81	-79	-83	-86	-84	-83	-79	-76	-76	-74	-72	-70	-67	-68	-66	-63	-61	-62	-61	-61		
Singapore		-106	-22	-23	-9	14	52	-8	50	27	15	30	11	-44	-21	24	19	-84	-37	-56	-77	-5	0	-34	69	75	23	49	52	-39	-16	135	102	16	24	49	19	80	-27	11	-18	-5	31	26	-17	5	38	33	52		
Thailand		60	62	60	62	60	59	61	60	60	62	61	62	59	59	62	62	60	61	63	61	62	60	61	63	61	62	50	44	52	52	-29	-30	-29	0	0	0	0	0	-29	0	-30	64	65	64	63	64	66	65	63	
Interconnection		-45	40	37	53	74	111	53	110	87	77	92	72	15	38	86	81	-24	24	3	-15	57	59	28	131	135	85	99	95	13	36	106	72	-13	25	49	19	80	-55	11	-48	58	96	90	45	69	104	97	115		
Total Demand		17479	16993	16622	16337	16056	15701	15458	15199	15066	14810	14737	14834	14956	15097	14754	14654	15170	16117	16801	17154	17612	17825	18052	18184	18044	17934	17915	18360	18818	19172	19300	19333	19522	19607	19299	18760	18246	18055	18340	19235	19531	19551	19526	19296	18928	18782	18521	18029		
SRev ST-Coal		200	206	215	209	203	198	199	199	208	338	340	338	338	335	370	501	453	232	201	198	202	214	193	200	197	209	197	214	193	209	201	196	207	197	224	216	209	210	194	212	200	209	219	242	178	190	215	210		
SRev CCGT-Gas		726	846	1051	1219	1476	1796	2117	2320	2466	2585	2641	2601	2542	2391	2840	2827	2693	1866	1401	1256	919	711	630	434	599	1094	1251	807	668	456	467	401	503	568	589	720	1129	1323	916	241	285	222	246	454	802	549	635	853		
SRev Co-Gen		0	0	-1	0	-1	0	0	0	0	0	-1	1	-1	1	0	0	0	0	-2	0	0	0	0	0	0	0	0	-1	0	0	0	-1	1	0	-1	0	0	0	0	0	0	-1	0	-1	0	0	0	0		
Syncon		978	978	1079	1079	1079	1079	1079	1079	928	1079	1079	1079	978	978	978	978	978	978	978	978	978	978	827	1129	978	827	978	978	1079	892	516	703	428	428	428	651	903	903	752	716	428	428	428	428	615	890	978			
Hydro		213	195	110	156	167	160	160	161	296	162	161	120	118	137	147	95	104	108	97	95	119	232	111	141	283	152	230	182	281	368	301	303	270	370	523	309	295	423	290	309	311	309	334	332	347	197	149			
S.Reserve Total		2117	2225	2454	2663	2924	3233	3555	3759	3898	4164	4220	4139	4078	3924	4325	4453	4219	3180	2686	2529	2194	2022	1882	1874	1915	2413	2578	2228	2122	1838	1552	1600	1442	1463	1610	2110	2550	2731	2285	1459	1221	1170	1201	1458	1740	1701	1937	2190		