

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,809 MW
Hydro	2,323 MW
Distillate	0 MW
Total TNB	5,132 MW
Total IPP	14,856 MW
Total Co-Gen	0 MW
Total System	20,552 MW

Generation Mix

Type	MWh	Percentage
Gas	41,445	12.10 %
Hydro	10,777	3.15 %
Total TNB	52,222	15.25 %
ST-Coal	196,789	57.48 %
Gas	93,319	27.26 %
Total IPP	290,108	84.73 %
Co-Gen	428	0.13 %
Total Co-Gen	428	0.13 %
Total Generation	342,758	100.11 %
PLTG	-338	-0.10 %
HVDC	715	0.21 %
Interconnection	377	0.11 %
Net Energy	342,381	100.00 %

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	17,939 MW
TNB Generation	3,005 MW
IPP Generation	13,455 MW
Spinning Reserve	1,461 MW
Maximum Demand	16,479 MW
Net Energy	342,381 MWH
Load Factor	86.57 %

Fuel Cost

Total Cost:	46,186,582.70 RM
Cost per Unit	13.91 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	391
Hydro	314
Syncon	764
Thermal	203
Total	1,672

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	44
GLGR	30
PAKA	51
PGPS	26
SRDG	22
TJGS	150
Total TNB	323
KLPP	68
MPSS	48
NPRI	153
PDPS	7
PGLA	107
PKLG	7
PLPS	75
PTEK	25
SGRI	186
SKSP	35
Total IPP	712
Total Gas	1,035
Total Gas Required	1,035

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	13437	12875	12387	12025	11688	11594	11945	11990	12474	14194	15208	15848	15795	15578	16143	16373	16253	15865	15004	15183	15582	15407	14765	14285

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
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	34	31	31	32	34	34	33	35	33	34	34	31	36	38	35	33	33	35	35	35	32	34	43	36
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	84	94	100	95	89	95	101	95	99	95
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Hydro		171	164	163	164	190	169	168	194	169	176	169	166	189	210	171	168	166	217	312	374	571	602	859	
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	
PCUF	CUFK	19	19	17	18	18	17	19	19	16	18	18	18	19	18	17	16	18	18	18	18	17	18	17	18
Total Co-Gen		19	19	17	18	18	17	19	19	16	18	18	18	19	18	17	16	18	18	18	17	18	17	18	
Total Gen		13474	13128	12883	12674	12373	12273	12021	11857	11697	11722	11613	11708	11942	12172	12034	11994	12481	13522	14230	14721	15250	15577	15878	
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TIE-HVDC		31	29	29	30	30	30	30	30	30	30	30	30	29	29	29	29	30	30	29	29	29	29	29	
TIE-PLTG		6	-15	-22	22	-43	7	-34	-62	-21	-8	-11	-30	-33	17	14	-7	-23	-2	7	-20	12	-41	1	
Interconnection		37	14	8	52	-14	37	-4	-32	9	22	19	0	-3	47	44	23	7	27	36	10	42	-12	30	
System Total		13437	13114	12875	12622	12387	12236	12025	11889	11688	11700	11594	11708	11945	12125	11990	11971	12474	13495	14194	14711	15208	15589	15848	
SRev ST-Coal		293	299	301	303	308	303	341	260	294	285	294	292	292	209	179	188	123	167	176	242	200	177	220	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	7	89	2	4	3	68	80	50	
SRev CCGT-Gas		493	609	805	884	1119	1118	1333	1355	1454	1318	1408	1363	877	783	1129	1636	1364	1036	663	346	384	193	130	
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev Co-Gen		1	1	3	2	2	3	1	1	4	2	2	2	1	2	3	1	2	1	4	2	2	2	4	
Syncon		1040	1040	1040	1040	889	1040	1040	889	1040	1040	1166	1166	1166	1015	1166	1166	1015	1040	1040	702	702	551	853	
Hydro		138	145	146	145	270	140	141	266	140	133	139	142	119	249	137	140	142	281	123	139	430	399	443	
S.Reserve Total		1865	2094	2295	2374	2588	2604	2856	2771	2932	2778	3009	2985	2455	2258	2614	3131	2797	2500	2006	1769	1807	1480		