

Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,591 MW
Hydro	1,783 MW
Distillate	0 MW
Total TNB	9,454 MW
Total IPP	11,700 MW
Total Co-Gen	0 MW
Total System	21,436 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	69,642	19.84 %
Gas	56,426	16.08 %
Hydro	9,142	2.60 %
Total TNB	135,210	38.52 %
ST-Coal	140,905	40.14 %
Gas	74,499	21.23 %
Total IPP	215,404	61.37 %
Co-Gen	1,182	0.34 %
Total Co-Gen	1,182	0.34 %
Total Generation	351,796	100.23 %
PLTG	79	0.02 %
EGAT	-3	0.00 %
HVDC	727	0.21 %
Interconnection	803	0.23 %
Net Energy	350,993	100.00 %

Maximum Demand Record

Date: 3/21/2016	17,358 MW
Date: 3/10/2016	359,307 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	17,665 MW
TNB Generation	6,364 MW
IPP Generation	10,169 MW
Spinning Reserve	1,083 MW
Maximum Demand	16,577 MW
Net Energy	350,993 MWH
Load Factor	88.22 %

Fuel Cost

Total Cost:	44,683,226.95 RM
Cost per Unit	13.04 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	518
Hydro	216
Syncon	550
Thermal	145
Total	1,429

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	53
NPRI	147
PAKA	48
PGPS	47
TJGS	112
Total TNB	406
KLPP	93
MPSS	57
PDPS	22
PGLA	109
PLPS	84
PTEK	27
SGRI	154
SKSP	51
Total IPP	597
Total Gas	1,003

Alternate Fuel Usage

Station	(mmscfd)
Total	0
Total Gas Required	1,003

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	14455	13708	13249	12847	12464	12309	12390	12318	12545	14055	15015	15772	15870	15658	16176	16503	16548	16168	14912	14574	15917	16023	15716	15320

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
PCUF	CUFG	26	26	26	26	26	26	25	25	26	27	25	27	27	27	26	26	25	26	25	25	25	24	24	
PCUF	CUFK	24	25	25	24	25	23	24	25	24	24	24	24	24	24	24	24	25	26	25	24	25	25	24	25
Total Co-Gen		50	51	51	50	51	49	49	51	49	50	51	49	51	52	50	52	53	51	51	49	50	52	49	48
Total Gen		14470	14067	13746	13422	13215	13021	12896	12594	12502	12400	12295	12256	12425	12499	12345	12169	12533	13406	14068	14610	14992	15462	15772	16080
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	0
TIE-HVDC		30	30	30	30	31	31	31	31	30	30	31	31	30	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		-15	21	8	-10	-65	3	18	-12	8	-27	-45	-9	4	-8	-3	69	-42	-34	-18	6	-53	-13	-31	-5
Interconnection		15	51	38	20	-34	34	49	19	38	3	-14	22	35	22	27	100	-12	-4	13	37	-23	18	0	25
System Total		14455	14016	13708	13402	13249	12987	12847	12575	12464	12397	12309	12234	12390	12477	12318	12069	12545	13410	14055	14573	15015	15444	15772	16055
SRev ST-Coal		149	149	243	242	250	242	238	244	259	328	341	333	318	342	324	330	232	254	210	236	221	164	118	143
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
SRev CCGT-Gas		629	874	1037	1321	1380	1596	1679	1978	2089	2129	2212	2278	2142	2017	2162	2306	2064	1159	877	813	455	369	234	384
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	0
SRev Co-Gen		-39	-40	-40	-39	-40	-38	-38	-40	-38	-39	-39	-40	-38	-40	-41	-39	-41	-42	-40	-40	-38	-39	-41	-38
Syncon		799	799	799	799	799	799	799	799	799	799	799	799	799	799	799	799	799	799	799	799	799	799	799	799
Hydro		110	116	119	114	122	72	117	115	131	123	130	114	98	121	251	123	99	112	64	81	198	282	263	242
S.Reserve Total		1648	1898	2158	2437	2511	2671	2795	3096	3240	3340	3443	3484	3319	3239	3344	3519	3153	2282	1910	1891	1484	1280	1078	1287