

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,449 MW
Hydro	1,698 MW
Distillate	0 MW
Total TNB	5,147 MW
Total IPP	13,368 MW
Total Co-Gen	66 MW
Total System	19,151 MW

Generation Mix

Type	MWh	Percentage
Gas	68,311	19.14 %
Hydro	10,748	3.01 %
Total TNB	79,059	22.15 %
ST-Coal	168,584	47.23 %
Gas	108,406	30.37 %
Total IPP	276,990	77.60 %
Co-Gen	1,536	0.43 %
Total Co-Gen	1,536	0.43 %
Total Generation	357,585	100.18 %
PLTG	-91	-0.03 %
HVDC	728	0.20 %
Interconnection	637	0.18 %
Net Energy	356,948	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:	16:00:00 Hour
Total Set On Bus	17,844 MW
TNB Generation	4,865 MW
IPP Generation	12,217 MW
Spinning Reserve	701 MW
Maximum Demand	17,064 MW
Net Energy	356,948 MWH
Load Factor	87.16 %

Fuel Cost

Total Cost:	53,261,309.30 RM
Cost per Unit	15.36 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	435
Hydro	224
Syncon	497
Thermal	113
Total	1,269

Time Weather Temperature

Afternoon	Hot	35
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	3
GLGR	52
PAKA	189
PGGS	23
PGPS	26
SRDG	34
TJGS	204
Total TNB	530
CBPS	49
KLPP	96
NPRI	156
PDPS	42
PGLA	106
PKLG	13
PLPS	92
PTEK	54
SGRI	162
SKSP	54
Total IPP	823
Total Gas	1,353
Total Gas Required	1,353

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	14649	13871	13238	12922	12553	12333	12451	12213	12738	14584	15515	16289	16357	15977	16613	16992	17064	16544	15300	14954	16077	16065	15732	15385

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
PGAU	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
PGAU	HY04	21	21	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
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	
TMGR	HY01	39	35	33	38	32	38	37	36	36	36	38	37	38	34	31	41	40	44	32	40	84	83	83	83
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	80	81	81	80	80	80	80	80
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	
Total Hydro		238	195	190	181	166	179	178	175	198	174	177	177	180	191	167	218	208	193	218	283	671	724	848	840
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	CUFK	42	41	40	42	43	44	43	42	44	43	43	44	42	44	43	43	43	42	42	41	41	40	41	40
PCUF	CUFK	22	24	24	24	24	24	23	23	23	24	24	22	24	22	23	25	24	24	24	23	24	23	24	23
Total Co-Gen		64	65	64	66	67	68	66	65	67	67	67	66	66	66	68	67	67	66	65	65	64	63	65	61
Total Gen		14681	14310	13903	13650	13290	13073	12935	12777	12597	12451	12403	12361	12431	12563	12278	12191	12706	13807	14547	15207	15521	16026	16324	16483
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		31	31	30	30	30	31	31	31	31	31	31	30	30	30	30	30	30	30	31	30	31	31	31	31
TIE-PLTG		2	22	2	-26	22	-17	-18	66	13	9	39	18	-50	16	35	18	-62	-30	-67	17	-24	-28	-5	-30
Interconnection		32	53	32	4	52	13	13	97	44	40	70	49	-20	46	65	48	-32	1	-37	47	6	2	35	0
System Total		14649	14257	13871	13646	13238	13060	12922	12680	12553	12411	12333	12312	12451	12517	12213	12143	12738	13806	14584	15160	15515	16024	16289	16483
S.Rev ST-Coal		309	343	382	367	344	354	270	282	281	285	273	278	266	270	275	277	272	265	236	192	175	132	127	139
S.Rev OCGT-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
S.Rev CCGT-Gas		777	864	1011	1235	1558	1685	1800	1940	2124	2289	2323	2362	2304	2172	2462	2528	2067	1255	610	258	94	221	313	273
S.Rev 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
S.Rev Co-Gen		2	1	2	0	-1	-2	0	1	-1	-1	0	0	0	-2	-1	-1	0	1	2	3	1	5	6	6
Syncon		676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676
Hydro		203	246	251	110	125	112	113	116	116	244	117	114	114	112	252	125	74	84	98	146	232	254	264	224
S.Reserve Total		1967	2130	2322	2388	2702	2825	2859	3015	3196	3342	3388	3430	3360	3230	3514	3604	3088	2279	1746	1399	1153	1387	1365	1206