

Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	5,654 MW
Hydro	1,837 MW
Distillate	0 MW
Total TNB	10,571 MW
Total IPP	11,403 MW
Total Co-Gen	55 MW
Total System	22,311 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	68,466	19.40 %
Gas	77,130	21.86 %
Hydro	9,376	2.66 %
Total TNB	154,972	43.91 %
ST-Coal	133,255	37.76 %
Gas	62,524	17.72 %
Total IPP	195,779	55.48 %
Co-Gen	1,167	0.33 %
Total Co-Gen	1,167	0.33 %
Total Generation	351,918	99.72 %
PLTG	-287	-0.08 %
HVDC	-699	-0.20 %
Interconnection	-986	-0.28 %
Net Energy	352,904	100.00 %

Maximum Demand Record

Date: 3/9/2016	17,175 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	18,191 MW
TNB Generation	7,424 MW
IPP Generation	9,453 MW
Spinning Reserve	1,264 MW
Maximum Demand	17,035 MW
Net Energy	352,904 MWH
Load Factor	86.32 %

Fuel Cost

Total Cost:	45,182,182.25 RM
Cost per Unit	13.19 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	425
Hydro	304
Syncon	522
Thermal	136
Total	1,387

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	53
NPRI	147
PAKA	47
PGPS	41
TJGS	206
Total TNB	540
KLPP	93
PGLA	90
PLPS	89
PTEK	17
SGRI	155
SKSP	49
Total IPP	495
Total Gas	1,035

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total Gas Required 1,035

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	14316	13540	13055	12672	12304	11978	12020	12224	12631	14408	15403	16168	16189	15941	16556	16893	16979	16603	15309	14726	15855	15864	15398	15116

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																										
Interconnection		-8	29	6	3	-55	-44	-73	12	-2	21	-66	-113	-104	-139	-74	-24	-70	-57	-80	-83	-32	-66	-45	-55	-15	0	-2	-14	-26	-38	-18	-108	-118	-21	20	-82	16	-58	-74	-95	-19	-11	-54	-9	18	-15	-35	-99		
System Total		14316	13865	13540	13312	13055	12810	12672	12457	12304	12243	11978	12020	12020	12230	12224	12109	12631	13758	14408	15106	15403	15830	16168	16425	16189	16091	15941	16291	16556	16921	16893	17035	16979	16990	16603	16023	15309	14848	14726	15381	15855	15911	15864	15695	15398	15244	15116	14860		
SRev ST-Coal		172	189	163	172	75	112	96	125	99	136	210	248	252	192	104	51	9	35	26	38	46	28	41	38	111	203	252	233	228	242	227	224	239	230	264	158	109	142	286	158	124	127	121	119	123	123	116	119		
SRev 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	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
SRev CCGT-Gas		520	906	1289	1282	1716	1904	2086	2175	2365	2369	2638	2604	2553	2482	2485	2465	2274	1741	1230	521	501	482	292	358	567	630	641	424	323	214	261	219	347	250	553	565	780	1160	1132	442	289	368	228	285	416	527	301	522		
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	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
SRev Co-Gen		6	8	8	6	7	7	6	7	7	4	7	7	7	5	6	4	4	6	6	6	4	6	6	5	8	9	9	8	6	8	9	5	7	6	7	6	6	6	6	7	6	7	4	5	7	6	7	5	5	
Syncon		525	676	676	676	676	676	676	676	676	676	676	676	676	525	676	676	676	676	676	676	676	676	676	676	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		264	132	133	134	111	120	122	133	136	136	171	172	125	234	108	118	112	109	113	115	187	321	322	304	458	325	410	458	458	459	493	489	410	409	420	83	175	246	117	110	243	204	130	135	117	86	80	76		
S.Reserve Total		1572	1996	2354	2355	2670	2904	3071	3201	3368	3406	3702	3707	3613	3438	3379	3314	3075	2567	2051	1356	1414	1513	1337	1326	1655	1618	1870	1685	1603	1248	1317	1264	1331	1223	1571	1391	1808	2242	2381	1553	1188	1226	1314	1222	1338	1419	1178	1498		