

### Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	5,506 MW
Hydro	1,660 MW
Distillate	0 MW
<b>Total TNB</b>	<b>10,246 MW</b>
<b>Total IPP</b>	<b>10,877 MW</b>
<b>Total Co-Gen</b>	<b>37 MW</b>
<b>Total System</b>	<b>21,442 MW</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	66,096	18.49 %
Gas	78,047	21.83 %
Hydro	14,277	3.99 %
<b>Total TNB</b>	<b>158,420</b>	<b>44.31 %</b>
ST-Coal	124,165	34.73 %
Gas	73,809	20.65 %
<b>Total IPP</b>	<b>197,974</b>	<b>55.38 %</b>
Co-Gen	866	0.24 %
<b>Total Co-Gen</b>	<b>866</b>	<b>0.24 %</b>
<b>Total Generation</b>	<b>357,260</b>	<b>99.93 %</b>
PLTG	130	0.04 %
HVDC	-374	-0.10 %
<b>Interconnection</b>	<b>-244</b>	<b>-0.07 %</b>
<b>Net Energy</b>	<b>357,504</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 3/9/2016	17,175 MW
Date: 3/8/2016	358,646 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,333 MW
TNB Generation	7,828 MW
IPP Generation	9,316 MW
Spinning Reserve	1,156 MW
Maximum Demand	17,175 MW
Net Energy	357,504 MWH
Load Factor	86.73 %

### Fuel Cost

Total Cost:	48,261,876.65 RM
Cost per Unit	14.07 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	486
Hydro	363
Syncon	132
Thermal	277
<b>Total</b>	<b>1,258</b>

Time	Weather	Temperature
Afternoon	Hot	36
Morning	Cloudy	28

### Gas Usage

Station	(mmscfd)
CBPS	51
GLGR	53
NPRI	149
PAKA	46
PGPS	41
SRDG	15
TJGS	199
<b>Total TNB</b>	<b>554</b>
KLPP	92
MPSS	50
PDPS	7
PGLA	105
PKLG	7
PLPS	91
PTEK	26
SGRI	166
SKSP	49
<b>Total IPP</b>	<b>594</b>
<b>Total Gas</b>	<b>1,148</b>
<b>Total Gas Required</b>	<b>1,148</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### 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	14562	13798	13262	12877	12492	12298	12447	12339	12762	14534	15469	16150	16217	15879	16661	17017	17175	16764	15498	14900	16144	16268	15848	15470





### 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																										
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	0																										
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																										
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4																										
UPIA	HY02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3																										
Total Hydro		185	188	189	190	192	192	187	184	186	182	177	199	204	210	193	206	257	210	248	205	497	1036	1258	1187	1085	1011	684	887	1107	1349	1170	1153	1209	1200	889	633	441	297	341	431	948	1031	1034	1027	994	775	423	319		
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	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
PCUF	CUFG	17	18	18	18	18	18	17	18	18	17	18	19	18	19	18	19	18	17	17	18	17	18	17	20	18	19	19	19	19	18	18	19	18	18	19	18	19	18	19	19	19	19	19	18	20	19	19	22	22	
PCUF	CUFK	18	18	17	18	17	19	18	18	18	17	17	17	18	18	18	19	18	18	18	18	18	18	16	15	17	15	15	17	17	17	18	17	18	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Total Co-Gen		35	36	35	36	35	37	35	36	36	34	36	37	36	36	36	35	37	36	35	36	36	34	38	36	37	37	37	37	35	33	35	34	33	35	36	35	37	35	37	37	37	38	36	38	37	38	40	40		
Total Gen		14488	14059	13779	13545	13262	13023	12841	12735	12462	12412	12282	12280	12399	12451	12409	12300	12732	13798	14487	15025	15459	15831	16155	16415	16192	16082	15932	16299	16625	17024	17052	17123	17177	17163	16774	16108	15499	14973	14933	15606	16162	16360	16288	16124	15785	15788	15476	18222		
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	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	
TIE-HVDC		-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-31	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
TIE-PLTG		-45	-19	11	-4	30	-11	-7	39	-1	45	13	8	-18	-27	99	20	-2	7	-17	7	21	-55	5	-15	-25	-1	53	-18	-36	-35	35	21	2	31	10	-4	1	50	33	-58	18	25	20	16	39	11	6	-19		
Interconnection		-74	-48	-19	-33	0	-41	-36	10	-30	16	-16	-21	-48	-56	70	-9	-30	-23	-47	-22	-10	-55	5	-15	-25	-1	53	-18	-36	-35	35	21	2	31	10	-4	1	50	33	-58	18	25	20	-16	-63	11	6	-19		
System Total		14562	14107	13798	13578	13262	13064	12877	12725	12492	12396	12298	12301	12447	12507	12339	12309	12762	13821	14534	15047	15469	15886	16150	16430	16217	16083	15879	16317	16661	17059	17017	17102	17175	17132	16764	16112	15498	14923	14980	15664	16144	16335	16268	16140	15848	15777	15470	18241		
SRev ST-Coal		133	117	124	126	110	188	188	186	171	177	177	199	338	321	124	108	120	119	116	139	344	257	284	287	287	297	249	305	299	314	326	357	314	340	346	347	355	365	284	291	288	296	291	303	205	306	271			
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	27	75	82	40	64	87	67	66	86	130	142	190	201	190	246	246	219	86	102	55	25	0	0	0	0	0		
SRev CCGT-Gas		487	936	1212	1444	1744	1893	2040	2160	2438	2495	2618	2642	2506	2321	2390	2506	2143	1311	913	452	331	397	450	250	569	665	521	382	733	438	379	307	337	320	327	366	458	963	1045	322	430	255	260	347	557	434	383	363		
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		2	1	2	1	2	0	2	1	1	3	1	0	1	1	1	2	0	1	2	1	1	3	-1	1	0	0	0	0	2	4	2	3	4	2	1	2	0	2	0	0	0	0	-1	1	-1	0	-1	-3	-3	
Syncon		701	701	701	701	701	802	802	802	802	802	651	802	802	676	676	676	676	676	525	676	403	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151	237	424	525	525	525	151	151	151	151	151	252	439	626
Hydro		118	115	114	113	111	111	115	118	116	120	125	254	98	92	110	97	46	93	206	98	312	501	329	400	502	576	678	475	430	188	367	384	328	331	416	486	443	486	442	402	482	399	396	403	436	379	496	363		
S.Reserve Total		1441	1870	2153	2385	2668	2893	3163	3269	3543	3591	3723	3724	3606	3554	3498	3405	2973	2201	1765	1343	1186	1245	1094	962	1433	1610	1536	1170	1557	996	1128	1106	1156	1109	1425	1638	1862	2577	2623	1752	1440	1194	1189	1216	1447	1269	1621	1620		