

**Availability at Daily Maximum Demand Hour**

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,490 MW
Hydro	1,828 MW
Distillate	0 MW
Total TNB	5,318 MW
Total IPP	14,386 MW
Total Co-Gen	0 MW
Total System	19,704 MW

**Generation Mix**

Type	MWh	Percentage
Gas	67,148	18.74 %
Hydro	9,262	2.58 %
<b>Total TNB</b>	<b>76,410</b>	<b>21.32 %</b>
ST-Coal	165,847	46.29 %
ST-Gas	4,945	1.38 %
Gas	110,005	30.70 %
<b>Total IPP</b>	<b>280,797</b>	<b>78.37 %</b>
Co-Gen	586	0.16 %
<b>Total Co-Gen</b>	<b>586</b>	<b>0.16 %</b>
<b>Total Generation</b>	<b>357,793</b>	<b>99.85 %</b>
PLTG	-123	-0.03 %
HVDC	-400	-0.11 %
<b>Interconnection</b>	<b>-523</b>	<b>-0.15 %</b>
<b>Net Energy</b>	<b>358,316</b>	<b>100.00 %</b>

**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:	16:00:00 Hour
Total Set On Bus	18,455 MW
TNB Generation	3,952 MW
IPP Generation	13,190 MW
Spinning Reserve	1,290 MW
Maximum Demand	17,250 MW
Net Energy	358,316 MWH
Load Factor	86.55 %

**Fuel Cost**

Total Cost:	51,217,763.85 RM
Cost per Unit	14.69 cents/kWH

**Average Spinning Reserve During Peak Hour**

Type	MW
GT	388
Hydro	244
Syncon	600
Thermal	143
<b>Total</b>	<b>1,375</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

**Gas Usage**

Station	(mmscfd)
CBPS	45
GLGR	53
PAKA	145
PGPS	50
SRDG	11
TJGS	211
<b>Total TNB</b>	<b>515</b>

CBPS	52
KLPP	72
MPSS	51
NPRI	147
PDPS	2
PGLA	91
PKLG	6
PLPS	91
PTEK	18
SGB3	84
SGRI	157
SKSP	48
PKLG	49
<b>Total IPP</b>	<b>868</b>

**Total Gas 1,382**

**Total Gas Required 1,382**

**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	14289	13583	13121	12618	12373	12206	12377	12127	12802	14817	15798	16515	16487	16107	16790	17153	17250	16748	15471	15131	16271	16226	15827	15341



### Daily MW Generation on Tuesday

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
PLPS	GT13	142	140	136	64	58	62	60	63	64	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
PLPS	ST18	143	142	142	102	96	94	95	95	95	94	94	94	94	94	94	95	99	103	137	204	213	209	213	213
SGB3	GT31	63	64	64	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
SGB3	GT32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGB3	GT33	65	66	66	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
SGB3	ST34	102	95	94	94	94	95	95	94	94	94	94	94	94	98	98	143	139	209	201	221	221	221	209	213
SGRI	GT12	134	116	115	71	71	70	71	71	71	71	71	71	71	71	71	81	141	144	144	141	141	141	141	141
SGRI	GT13	127	109	109	64	64	65	65	65	65	65	64	64	64	96	133	133	133	131	131	131	130	131	130	130
SGRI	ST14	139	135	136	100	101	102	99	100	100	100	99	99	99	98	98	104	150	144	144	146	146	144	141	137
SGRI	GT21	128	113	115	127	116	113	113	113	113	113	70	69	69	68	68	83	108	107	127	127	127	131	127	129
SGRI	GT22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	139	139	136	136	136	137	137	137
SGRI	GT23	128	113	112	127	115	113	115	112	111	71	67	68	68	68	67	64	68	109	107	126	128	128	133	129
SGRI	ST24	144	135	134	143	131	135	137	135	137	128	107	97	98	95	96	99	106	151	200	214	216	216	217	212
SKSP	BLK1	217	217	219	218	217	219	218	219	218	217	218	221	219	220	218	219	218	295	297	297	298	298	299	297
TJGS	GT1A	222	223	224	250	196	206	170	161	153	225	229	227	221	132	148	165	207	214	141	209	226	226	226	226
TJGS	GT1B	204	210	213	220	195	197	161	154	143	215	221	220	214	215	124	139	156	196	203	131	199	214	214	214
TJGS	ST1C	225	237	244	250	247	227	216	197	189	246	249	251	248	250	200	181	188	207	218	201	229	245	253	253
TJGS	GT2A	214	214	214	214	214	214	137	137	137	136	136	137	137	177	176	185	214	214	214	214	214	214	214	214
TJGS	GT2B	210	210	210	210	210	210	134	134	134	133	133	133	133	173	173	180	211	211	211	211	211	211	211	211
TJGS	ST2C	258	258	258	258	258	258	211	211	211	211	211	211	211	211	211	211	258	258	258	258	258	258	258	258
<b>Total CCGT-Gas</b>		<b>6864</b>	<b>6562</b>	<b>6404</b>	<b>6076</b>	<b>5928</b>	<b>5743</b>	<b>5449</b>	<b>5352</b>	<b>5190</b>	<b>5080</b>	<b>5027</b>	<b>5133</b>	<b>5179</b>	<b>5335</b>	<b>4946</b>	<b>5061</b>	<b>5649</b>	<b>6875</b>	<b>7611</b>	<b>7929</b>	<b>8135</b>	<b>8348</b>	<b>8492</b>	<b>8459</b>
PDPS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLG	GT08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLG	GT09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total OCGT-Gas</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
BSIA	HY02	11	11	11	12	11	11	11	11	11	11	11	11	11	11	11	11	12	12	11	11	11	23	23	23
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
HTRG	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
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY02	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
KNYR	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
KNYR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	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
KNYR	HY04	59	57	55	63	57	57	59	59	59	58	59	59	60	60	61	62	67	62	60	60	98	101	100	100
LPIA	HY01	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
MINOR	HY01	7	7	7	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY02	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY01	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

### Daily MW Generation on Tuesday

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																										
SIHY	HY02	50	48	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	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																									
SYPS	HY01	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																									
SYPS	HY02	0	0	0	0	22	16	25	25	25	25	25	25	25	25	25	25	25	25	16	0	0	0	0	0	0																									
SYPS	HY03	25	25	25	25	25	25	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	0																									
TMGR	HY01	35	35	26	36	30	28	31	31	31	35	37	36	38	35	33	38	41	40	37	34	33	37	83	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	-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	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	-1																									
UPIA	HY02	5	5	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		393	341	232	273	256	248	212	212	212	216	217	217	241	238	215	221	225	221	213	207	226	368	438	573	660	373	372	480	634	576	700	702	701	712	709	461	284	308	236	523	617	616	556	633	383	200	200	199		
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	9	9	8	9	9	9	9	8	8	7	7	7	6	5	5	6	6	6	6	7	6	6	10	10	11	7	8	10	9	10	8	10	8	7	8	8	8	8	8	8	8	7	7	7	7	7	7			
PCUF	CUFK	16	17	16	17	16	17	17	17	18	17	16	17	18	18	16	17	17	17	16	17	16	17	16	17	16	17	15	18	17	16	17	16	17	16	16	17	16	17	16	17	16	17	16	17	16	17	16	17		
Total Co-Gen		25	26	24	26	25	26	26	25	26	24	23	24	25	25	24	25	23	23	22	22	22	23	23	22	24	23	22	27	26	27	24	23	28	26	26	25	26	25	23	24	25	24	25	24	23	24	24			
Total Gen		14273	13924	13554	13273	13099	12926	12588	12479	12335	12223	12163	12278	12341	12498	12092	12209	12803	14011	14751	15337	15744	16174	16453	16527	16417	16148	16137	16350	16820	17071	17164	17135	17165	17155	16784	16179	15475	15111	15111	16089	16285	16413	16285	16186	15862	15679	15306	14962		
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		
TIE-HVDC		-29	-30	-30	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-28	-28	-29	-29	-28	-28	31	31	30	30	30	-28	-30	30	30	30	30	30	30	30	-29	-29	-29	-29				
TIE-PLTG		13	-74	1	-48	7	-9	-1	-6	-8	-25	-13	21	-8	20	-6	-6	30	35	-37	-14	-25	-3	-32	-16	-41	19	60	-32	58	9	40	-7	-56	-67	6	10	-26	-15	10	-17	-16	-5	29	9	5	16	-6	-24		
Interconnection		-16	-104	-29	-77	-22	-38	-30	-36	-38	-54	-43	-8	-36	-9	-35	-35	1	6	-66	-43	-54	-33	-62	-45	-70	-10	30	-60	30	-20	11	-35	-85	-37	36	40	4	-44	-20	13	14	25	59	39	35	-13	-35	-53		
System Total		14289	14028	13583	13350	13121	12964	12618	12515	12373	12277	12206	12286	12377	12507	12127	12244	12802	14005	14817	15380	15798	16207	16515	16572	16487	16158	16107	16410	16790	17091	17153	17170	17250	17192	16748	16139	15471	15155	15131	16076	16271	16388	16226	16147	15827	15692	15341	15015		
SRev ST-Coal		214	211	225	217	227	206	213	224	207	214	219	209	219	213	210	211	211	224	210	154	98	102	97	124	48	67	50	57	59	62	47	102	161	218	208	211	215	211	221	220	206	213	212	127	93	110	126	147		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	3	4	4	5	4	7	74	22	70	40	51	69	119	295	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		825	904	1062	1390	1538	1665	1959	2056	2218	2328	2381	2275	2229	2073	2462	2347	2092	1308	715	696	490	277	185	218	340	304	331	215	395	226	334	287	289	333	655	511	771	1095	973	275	271	164	192	348	454	407	682	593		
SRev ST-Gas		38	38	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	38	30	0	0	0	0	0	0	0	8	8	8	10	18	1	1	1	39	36	36	29	3	2	-1	0	29	36	36			
SRev Co-Gen		7	6	8	6	7	6	6	6	7	6	8	9	8	7	7	8	7	9	9	10	10	10	9	9	10	8	9	10	5	1	0	3	4	-1	1	1	2	1	2	4	3	2	3	2	3	4	3	3		
Syncon		802	802	802	651	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	
Hydro		106	108	117	227	109	117	112	112	112	108	107	107	234	237	109	103	99	103	111	117	248	206	136	76	266	176	177	171	117	175	176	174	175	579	507	504	354	142	214	303	209	210	270	444	444	250	250	251		
S.Reserve Total		1992	2069	2251	2528	2720	2833	3129	3237	3383	3495	3554	3439	3378	3218	3627	3508	3248	2453	1884	1817	1678	1456	1232	1233	1193	1362	1373	1060	1250	1094	1235	1214	1290	1539	1814	1947	1996	2141	2099	1365	1245	1119	1206	1346	1420	1453	1750	1683		