

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,583 MW
Hydro	1,708 MW
Distillate	0 MW
Total TNB	5,291 MW
Total IPP	14,073 MW
Total Co-Gen	0 MW
Total System	19,934 MW

Generation Mix

Type	MWh	Percentage
Gas	58,988	18.59 %
Hydro	8,024	2.53 %
Total TNB	67,012	21.12 %
ST-Coal	174,044	54.86 %
Gas	76,374	24.07 %
Total IPP	250,418	78.93 %
Co-Gen	651	0.21 %
Total Co-Gen	651	0.21 %
Total Generation	318,081	100.25 %
PLTG	105	0.03 %
EGAT	-33	-0.01 %
HVDC	729	0.23 %
Interconnection	801	0.25 %
Net Energy	317,280	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:	21:30:00 Hour
Total Set On Bus	16,299 MW
TNB Generation	3,716 MW
IPP Generation	11,498 MW
Spinning Reserve	1,059 MW
Maximum Demand	15,237 MW
Net Energy	317,280 MWH
Load Factor	86.76 %

Fuel Cost

Total Cost:	39,653,958.65 RM
Cost per Unit	12.78 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	299
Hydro	176
Syncon	517
Thermal	226
Total	1,218

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	51
PAKA	146
PGPS	27
SRDG	10
TJGS	211
Total TNB	445

CBPS	52
KLPP	78
MPSS	30
NPRI	76
PGLA	110
PLPS	50
PTEK	11
SGRI	169
SKSP	1
Total IPP	578

Total Gas 1,023
Total Gas Required 1,023
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	14131	13618	13186	12771	12387	12002	11900	11450	10946	11557	12180	12871	13065	13156	13521	13819	13908	13588	13128	13255	14816	15184	15146	15076

Daily MW Generation on Sunday

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 Hydro		261	265	232	177	205	186	178	208	180	199	180	177	180	229	178	200	167	168	217	221	210	188	255	207	202	208	225	211	233	383	342	416	481	502	218	250	234	233	229	402	668	723	811	854	872	807	741	667			
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	0
PCUF	CUFG	2	4	4	5	5	5	5	4	4	5	5	5	6	6	5	5	5	3	3	3	2	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	2	2	3	2	3	4	2	2	2	3	3	1			
PCUF	CUFK	32	23	21	23	24	23	23	23	25	23	24	26	23	23	24	24	24	24	23	23	22	24	23	23	23	24	24	24	22	24	23	24	24	24	24	24	23	24	24	24	24	24	24	23	24	22	22	23	24		
Total Co-Gen		34	27	25	28	29	28	28	28	29	27	29	31	28	29	30	29	29	29	26	26	25	26	26	26	26	26	27	27	26	28	27	25	27	26	27	27	26	26	26	27	26	27	28	25	26	24	25	26	25		
Total Gen		14144	13918	13656	13327	13125	12901	12773	12599	12398	12221	12023	12022	11919	11924	11515	11062	10973	11339	11595	11937	12247	12649	12907	13081	13118	13121	13197	13329	13553	13763	13839	13922	13953	14020	13649	13390	13196	13137	13308	14277	14863	15091	15212	15240	15247	15104	15137	14896			
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	0	
TIE-HVDC		31	30	30	30	30	30	31	31	31	31	31	31	31	30	30	29	29	30	30	30	30	31	31	31	31	30	30	31	31	30	31	31	31	30	31	31	30	31	31	30	29	29	30	30	30	29	29	30	29	30	
TIE-PLTG		-18	-8	8	-16	8	4	-28	27	-20	24	-10	-23	-12	-6	34	-2	-3	3	9	-2	37	27	6	-17	22	-16	10	-46	2	-2	-11	-7	14	40	30	48	37	34	22	-67	18	5	-2	-27	71	-12	32	-9			
Interconnection		13	22	38	15	39	34	2	58	11	55	21	8	19	25	65	28	27	32	38	28	67	57	36	14	53	14	41	-16	32	29	20	24	45	70	61	78	68	65	53	-36	47	35	28	3	101	18	61	21			
System Total		14131	13896	13618	13312	13186	12867	12771	12541	12387	12166	12002	12014	11900	11899	11450	11034	10946	11307	11557	11909	12180	12592	12871	13067	13065	13107	13156	13345	13521	13734	13819	13898	13908	13950	13588	13312	13128	13072	13255	14313	14816	15056	15184	15237	15146	15086	15076	14875			
SRev ST-Coal		220	220	222	226	235	249	268	292	298	274	247	235	247	231	239	480	689	368	266	251	224	231	213	264	230	231	235	229	202	183	213	212	255	246	246	255	253	246	256	175	259	216	213	225	238	250	223	237			
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	0
SRev CCGT-Gas		461	629	210	242	310	427	516	624	804	1078	1287	1299	1391	1454	1804	2036	1882	1839	1731	1407	1114	683	510	370	362	365	442	370	197	298	217	217	210	314	401	782	959	1180	993	334	228	264	232	237	232	302	230	353			
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	0
SRev Co-Gen		-7	0	2	-1	-2	-1	-1	-1	-2	0	-2	-4	-1	-2	-3	-2	-2	-2	1	1	2	1	1	1	1	0	0	1	-1	0	2	0	1	0	0	1	1	1	0	1	0	-1	2	1	3	2	1	2			
Syncon		718	718	802	802	802	802	651	802	651	802	802	802	802	802	651	802	802	651	651	802	676	525	676	676	676	676	676	676	437	437	487	336	336	676	676	802	802	802	651	399	399	399	399	399	399	462	462	462			
Hydro		166	162	111	118	90	109	117	238	115	247	115	118	-115	66	117	246	128	120	229	225	85	108	192	89	94	88	71	85	63	152	193	69	305	284	228	171	121	122	126	204	240	335	240	197	264	266	232	256			
S.Reserve Total		1558	1729	1347	1387	1435	1586	1702	1804	2017	2250	2449	2450	2554	2551	2959	3411	3499	3127	2878	2535	2227	1699	1441	1400	1363	1360	1424	1361	1137	1070	1062	1135	1107	1180	1551	1885	2136	2351	2177	1365	1167	1213	1086	1059	1136	1280	1144	1318			