

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,227 MW
Hydro	2,354 MW
Distillate	0 MW
Total TNB	4,581 MW
Total IPP	14,862 MW
Total Co-Gen	0 MW
Total System	20,015 MW

Maximum Demand Record

Date: 4/12/2018	17,997 MW
Date: 4/12/2018	380,797 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:30:00 Hour
Total Set On Bus	16,563 MW
TNB Generation	3,009 MW
IPP Generation	12,144 MW
Spinning Reserve	1,355 MW
Maximum Demand	15,288 MW
Net Energy	322,277 MWH
Load Factor	87.83 %

Gas Usage

Station	(mmscfd)
GLGR	51
PGPS	4
SRDG	4
TJGS	221
Total TNB	281
CBPS	55
KLPP	100
NPRI	159
PGLA	113
PLPS	73
PTEK	8
SGRI	19
SKSP	26
YPKA	74
Total IPP	626
Total Gas	907

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Gas	39,652	12.30 %
Hydro	15,783	4.90 %
Total TNB	55,435	17.20 %
ST-Coal	167,305	51.91 %
Gas	97,578	30.28 %
Total IPP	264,883	82.19 %
Co-Gen	1,259	0.39 %
Total Co-Gen	1,259	0.39 %
Total Generation	321,577	99.78 %
PLTG	132	0.04 %
HVDC	-832	-0.26 %
Interconnection	-700	-0.22 %
Net Energy	322,277	100.00 %

Fuel Cost

Total Cost:	53,615,035.56 RM
Cost per Unit	17.54 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	298
Hydro	453
Syncon	394
Thermal	99
Total	1,244

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

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	14019	13393	12881	12549	12252	12093	12088	11759	11320	12103	12863	13473	13565	13624	13913	14126	14259	14008	13620	13820	15137	15264	15046	14761

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																										
Interconnection		-44	-49	-48	-24	-13	-24	-30	2	-42	-39	-55	-80	-4	10	42	-59	8	9	-10	-20	1	-50	-33	-22	-9	-220	-45	-29	-7	-47	-51	-33	-1	-16	-25	-32	8	-35	14	-37	-22	24	-10	-80	-20	-65	-19	-68		
System Total		14019	13695	13393	13149	12881	12667	12549	12382	12252	12119	12093	12113	12088	12100	11759	11322	11320	11817	12103	12454	12863	13187	13473	13528	13565	13546	13624	13809	13913	14076	14126	14139	14259	14338	14008	13772	13620	13530	13820	14818	15137	15128	15264	15288	15046	14925	14761	14490		
SRev ST-Coal		196	47	81	87	158	147	72	16	71	70	69	53	59	67	255	241	244	250	77	62	44	62	55	44	53	47	32	46	44	36	83	147	214	268	219	120	63	63	123	209	163	168	159	160	133	71	163	150		
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	151	37	25	8	6	5	11	47	0	0	
SRev CCGT-Gas		317	294	159	306	168	371	327	325	438	479	525	552	492	457	760	1279	1174	683	429	511	267	290	290	364	313	399	553	458	130	179	124	221	317	290	397	339	516	552	452	230	291	257	268	258	305	332	243	422		
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		-20	-14	-15	-12	-12	-12	-16	-13	-13	-13	-17	-15	-17	-17	-16	-18	-19	-19	-17	-17	-16	-16	-19	-17	-17	-17	-18	-17	-17	-17	-17	-17	-18	-17	-17	-18	-16	-17	-17	-17	-16	-16	-16	-19	-18	-18	-16	-18		
Syncon		811	811	710	710	796	897	1048	1048	1048	1199	1199	1199	1199	1199	1350	1350	1350	1350	962	735	735	500	313	313	187	187	187	187	313	313	313	439	439	439	777	962	962	962	962	651	651	651	500	500	500	651	500	500		
Hydro		586	555	498	535	548	480	371	381	387	256	257	249	254	255	257	91	126	117	86	410	475	445	567	623	615	334	374	253	431	535	611	502	367	386	379	515	516	564	473	362	304	335	432	451	516	407	490	487		
S.Reserve Total		1890	1693	1433	1626	1658	1883	1802	1782	1956	1991	2033	2038	1987	1961	2455	2943	2875	2381	1925	1928	1505	1516	1393	1327	1277	950	1128	927	901	1046	1114	1292	1319	1366	1755	1918	2041	2124	2144	1472	1418	1403	1349	1355	1447	1490	1380	1541		