

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,479 MW
Distillate	0 MW
Total TNB	5,281 MW
Total IPP	16,879 MW
Total Co-Gen	60 MW
Total System	22,792 MW

Generation Mix

Type	MWh	Percentage
Gas	42,885	11.20 %
Hydro	16,572	4.33 %
Total TNB	59,457	15.53 %
ST-Coal	212,880	55.62 %
Gas	108,598	28.37 %
Total IPP	321,478	84.00 %
Co-Gen	1,384	0.36 %
Total Co-Gen	1,384	0.36 %
Total Generation	382,319	99.89 %
PLTG	286	0.07 %
HVDC	-699	-0.18 %
Interconnection	-413	-0.11 %
Net Energy	382,732	100.00 %

Maximum Demand Record

Date: 6/6/2018	18,010 MW
Date: 6/7/2018	382,778 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	19,149 MW
TNB Generation	3,603 MW
IPP Generation	14,248 MW
Spinning Reserve	1,269 MW
Maximum Demand	17,876 MW
Net Energy	382,732 MWH
Load Factor	89.21 %

Fuel Cost

Total Cost:	64,529,741.66 RM
Cost per Unit	17.63 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	433
Hydro	426
Syncon	594
Thermal	103
Total	1,556

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	26

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	15856	15139	14670	14190	13967	13764	13567	13451	14069	15722	16659	17235	17223	17043	17635	17838	17876	17213	16310	16023	16660	17036	16766	16515

Gas Usage

Station	(mmscfd)
GLGR	52
PGPS	38
SRDG	9
TJGS	206
Total TNB	305
CBPS	52
KLPP	94
NPRI	156
PGLA	109
PLPS	83
PTEK	13
SGRI	76
SKSP	51
YPKA	81
Total IPP	714
Total Gas	1,019

Total Gas Required 1,019

Alternate Fuel Usage

Station	(mmscfd)
Total	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																										
Total Hydro		333	369	334	238	192	200	190	194	185	208	206	191	184	185	183	206	210	206	215	373	761	1114	1191	1190	1079	955	947	1095	1181	1378	1361	1394	1414	1380	953	727	377	310	403	795	990	1127	1221	1102	1047	1029	863	862		
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	33	33	33	33	33	34	33	34	34	33	33	33	35	34	34	35	34	33	34	32	29	28	29	25	25	24	24	25	24	23	24	24	23	23	25	31	29	29	28	30	30	27	29	26	26	32	30			
PCUF	CUFK	28	31	27	31	32	32	32	30	32	32	30	30	26	29	27	33	31	32	33	32	34	32	35	32	32	33	32	35	33	19	4	3	5	3	27	32	31	32	25	21	25	25	30	28	30	32	32	32		
Total Co-Gen		61	64	60	64	65	66	65	64	66	65	63	63	61	63	61	68	65	65	67	64	66	61	63	61	57	58	56	59	58	43	27	27	29	26	50	57	62	61	54	49	55	55	57	57	56	58	64	62		
Total Gen		15825	15513	15168	14821	14609	14436	14159	14030	13925	13865	13745	13573	13514	13597	13427	13427	14044	14977	15679	16126	16581	16965	17196	17262	17217	17009	17020	17293	17600	17848	17832	17873	17880	17771	17212	16755	16314	16078	16035	16303	16674	16980	16994	16967	16804	16682	16497	16270		
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		-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-28	-28	-29	-29	-30	-30	-30	-30	-30	-30	-30	-28	-28	-29	-29	-29	-29	-29		
TIE-PLTG		-3	-8	57	27	-33	-4	-2	1	-13	4	11	-20	-24	-26	5	66	4	60	-13	-34	-48	21	-10	16	24	22	6	-59	-5	28	23	61	32	78	28	52	34	18	42	7	44	-20	-13	52	67	0	11	7		
Interconnection		-31	-37	29	-2	-61	-32	-31	-28	-42	-25	-19	-49	-53	-55	-24	37	-25	32	-43	-63	-78	-9	-39	-13	-6	-8	-23	-88	-35	-3	-6	32	4	50	-1	23	4	-12	12	-22	14	-50	-42	24	38	-29	-18	-22		
System Total		15856	15550	15139	14823	14670	14468	14190	14058	13967	13890	13764	13622	13567	13652	13451	13390	14069	14945	15722	16189	16659	16974	17235	17275	17223	17017	17043	17381	17635	17851	17838	17841	17876	17721	17213	16732	16310	16090	16023	16325	16660	17030	17036	16943	16766	16711	16515	16292		
SRev ST-Coal		86	89	83	143	269	194	60	75	70	73	69	61	75	74	70	68	69	103	69	172	79	64	73	55	63	57	63	54	54	47	132	126	140	126	93	102	121	138	131	129	141	133	132	130	133	136	129	132		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	4	4	5	5	12	35	19	17	18	16	57	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		537	813	787	954	857	884	1124	1241	1344	1423	1543	1708	1744	1665	1835	1867	1250	604	575	400	308	483	428	376	348	439	395	248	251	295	279	279	279	367	425	346	411	562	698	819	637	476	590	620	631	809	625	846		
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		-1	-4	0	-4	-5	-6	-5	-4	-6	-5	-3	-3	-1	-3	-1	-8	-5	-5	-7	-4	-6	-1	-3	-1	3	2	4	1	2	17	33	33	31	34	10	3	-2	-1	6	11	5	5	3	3	4	2	-4	-2		
Syncon		946	946	946	1047	1198	1198	1349	1349	1349	1349	1349	1349	1198	1349	1349	1198	862	488	403	403	403	403	590	590	403	403	403	403	403	403	403	862	963	1047	1198	1047	1012	928	777	590	777	777	651	651	651					
Hydro		402	366	401	396	141	131	140	136	145	273	275	139	146	145	147	275	120	124	266	444	530	474	521	522	633	470	478	517	556	409	426	393	398	432	400	439	380	296	354	322	249	311	404	336	391	260	176	177		
S.Reserve Total		1970	2210	2217	2536	2460	2401	2668	2797	2902	2962	3082	3254	3313	3230	3400	3400	2783	2175	2101	1874	1399	1423	1425	1359	1454	1562	1535	1228	1278	1206	1292	1251	1269	1378	1847	1860	1982	2218	2236	2293	1960	1702	1719	1866	1936	1858	1577	1804		