

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,481 MW
Hydro	2,089 MW
Distillate	0 MW
Total TNB	4,570 MW
Total IPP	15,114 MW
Total Co-Gen	52 MW
Total System	20,300 MW

Generation Mix

Type	MWh	Percentage
Gas	31,049	9.57 %
Hydro	19,365	5.97 %
Total TNB	50,414	15.54 %
ST-Coal	193,114	59.52 %
Gas	79,665	24.55 %
Total IPP	272,779	84.07 %
Co-Gen	1,476	0.45 %
Total Co-Gen	1,476	0.45 %
Total Generation	324,669	100.06 %
PLTG	-292	-0.09 %
HVDC	501	0.15 %
Interconnection	209	0.06 %
Net Energy	324,460	100.00 %

Maximum Demand Record

Date: 10/23/2017	17,790 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	16,323 MW
TNB Generation	2,478 MW
IPP Generation	12,462 MW
Spinning Reserve	1,323 MW
Maximum Demand	14,957 MW
Net Energy	324,460 MWH
Load Factor	90.39 %

Fuel Cost

Total Cost:	49,937,514.54 RM
Cost per Unit	16.36 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	417
Hydro	350
Syncon	686
Thermal	269
Total	1,722

Time Weather Temperature

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	13686	13107	12654	12290	12052	11882	11833	11656	11716	12897	13679	14262	14292	14038	14351	14533	14479	14173	13792	13984	14920	14731	14449	14213

Prepared By: -Select Name-

Checked By: -Select Name-

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Saturday

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																								
SRev Co-Gen		-10	-10	-9	-9	-11	-13	-13	-11	-12	-13	-14	-11	-12	-14	-12	-11	-12	-13	-17	-8	-6	-8	-3	-4	-5	-7	-5	-4	-8	-5	-4	-6	-3	-4	-4	-7	-8	-6	-8	-9	-13	-11	-17	-17	-15			
Syncon		802	802	735	735	886	886	886	735	735	886	886	886	886	886	735	886	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651		
Hydro		272	184	265	267	127	128	130	230	230	96	98	92	354	166	77	193	177	88	217	140	459	439	441	438	538	531	570	550	463	340	338	275	272	332	250	94	111	110	239	354	318	295	307	45	26	33	31	162
S.Reserve Total		1882	1755	2043	2152	2434	2603	2765	2714	2779	2889	2871	2749	2809	2609	3084	3348	3285	2618	2265	1958	2099	1778	1599	1631	1772	1889	2028	1735	1731	1563	1555	1397	1501	1536	1796	1760	1924	2080	1936	1323	1474	1441	1619	1520	1660	1685	1744	1623