

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,745 MW
Hydro	2,136 MW
Distillate	0 MW
Total TNB	5,881 MW
Total IPP	13,522 MW
Total Co-Gen	0 MW
Total System	19,967 MW

Generation Mix

Type	MWh	Percentage
Gas	59,588	17.88 %
Hydro	13,754	4.13 %
Total TNB	73,342	22.01 %
ST-Coal	157,521	47.27 %
Gas	102,052	30.62 %
Total IPP	259,573	77.89 %
Co-Gen	401	0.12 %
Total Co-Gen	401	0.12 %
Total Generation	333,316	100.02 %
PLTG	380	0.11 %
HVDC	-300	-0.09 %
Interconnection	80	0.02 %
Net Energy	333,236	100.00 %

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:	21:30:00 Hour
Total Set On Bus	16,361 MW
TNB Generation	3,922 MW
IPP Generation	11,137 MW
Spinning Reserve	1,285 MW
Maximum Demand	14,998 MW
Net Energy	333,236 MWH
Load Factor	92.58 %

Fuel Cost

Total Cost:	45,555,781.80 RM
Cost per Unit	14.26 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	569
Hydro	174
Syncon	651
Thermal	91
Total	1,485

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	33
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	14908	14297	13675	13312	12944	12772	12482	12034	11747	12744	13707	14337	14287	14134	14577	14668	14692	14437	14055	13881	14629	14939	14903	14750

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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
SYPS	HY01	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	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
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
TMGR	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
TMGR	HY02	29	33	40	33	34	32	85	37	40	79	37	37	32	36	29	40	35	33	38	82	79	85	43	40
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
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
UJLI	HY02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPIA	HY02	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		323	203	230	281	269	225	382	248	253	461	273	227	213	224	197	216	211	184	229	448	437	552	428	425
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
PCUF	CUFK	16	18	17	16	17	16	16	17	17	17	16	16	16	18	17	17	17	17	16	16	15	17	17	17
Total Co-Gen		16	18	17	16	17	16	17	17	17	16	16	16	18	17	17	17	16	16	17	17	16	16	15	17
Total Gen		15053	14619	14344	14077	13750	13593	13369	13192	12941	12907	12831	12677	12546	12469	12085	11753	11789	12339	12775	13327	13753	14102	14279	14286
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
TIE-HVDC		31	30	30	30	30	30	31	31	31	31	31	31	30	30	30	30	31	31	30	-99	-97	-98	-99	-99
TIE-PLTG		114	61	17	79	45	91	27	62	-34	30	29	35	33	23	21	3	12	-6	1	-41	14	-21	-88	9
Interconnection		145	91	47	108	75	121	57	92	-3	60	59	65	64	54	51	33	42	24	31	-10	46	10	-58	-90
System Total		14908	14528	14297	13969	13675	13472	13312	13100	12944	12907	12772	12612	12482	12415	12034	11720	11747	12315	12744	13337	13707	14092	14337	14376
SRev ST-Coal		83	136	93	222	245	181	286	298	296	255	199	173	154	230	224	223	232	225	229	219	231	221	10	-1
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
SRev CCGT-Gas		212	420	303	314	460	475	370	225	387	381	241	375	518	604	972	1318	1268	796	718	838	809	395	340	
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
SRev Co-Gen		11	9	10	11	10	11	10	10	10	11	11	11	9	10	10	10	10	10	10	10	10	10	10	10
Syncon		849	799	950	799	648	648	648	799	799	648	648	799	799	950	950	950	715	740	740	866	866	866	866	866
Hydro		237	257	79	179	342	386	229	212	207	150	338	233	247	236	263	93	98	125	80	159	195	154	215	218
S.Reserve Total		1392	1621	1435	1525	1705	1701	1544	1544	1679	1444	1437	1591	1729	1880	2267	2394	2558	2106	1982	1941	1786	1521	1451	1444