

Daily System Generation Summary on Saturday

Saturday, June 18, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,747 MW
Hydro	2,027 MW
Distillate	0 MW
Total TNB	5,774 MW
Total IPP	13,072 MW
Total Co-Gen	0 MW
Total System	19,128 MW

Generation Mix

Type	MWh	Percentage
Gas	44,135	14.37 %
Hydro	8,583	2.79 %
Total TNB	52,718	17.16 %
ST-Coal	166,116	54.08 %
Gas	86,965	28.31 %
Total IPP	253,081	82.38 %
Co-Gen	379	0.12 %
Total Co-Gen	379	0.12 %
Total Generation	306,178	99.67 %
PLTG	-944	-0.31 %
EGAT	-15	0.00 %
HVDC	-58	-0.02 %
Interconnection	-1,017	-0.33 %
Net Energy	307,195	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:	20:30:00 Hour
Total Set On Bus	15,250 MW
TNB Generation	2,914 MW
IPP Generation	11,163 MW
Spinning Reserve	1,157 MW
Maximum Demand	14,124 MW
Net Energy	307,195 MWH
Load Factor	90.62 %

Fuel Cost

Total Cost:	37,449,081.90 RM
Cost per Unit	12.58 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	367
Hydro	344
Syncon	764
Thermal	115
Total	1,590

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	56
PGGS	2
PGPS	20
SRDG	36
TJGS	212
Total TNB	326
CBPS	52
KLPP	77
MPSS	27
NPRI	142
PGLA	110
PKLG	12
PLPS	77
PTEK	13
SGRI	131
Total IPP	639

Total Gas 965

Total Gas Required 965

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	12895	12275	11852	11602	11494	11485	11386	11077	11036	12251	12978	13587	13503	13237	13570	13479	13581	13319	13191	13322	13916	14091	13907	13636

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																									
TIE-PLTG		-35	-55	-38	-56	-40	-48	-70	-46	-36	-5	-64	-1	-26	-58	1	-31	-30	-48	-105	-143	-15	-98	-64	-73	-11	-27	-28	-54	-41	-47	-18	-82	-72	-128	17	54	19	11	4	-72	-80	-31	-30	-50	-7	-19	11	-25	
Interconnection		-35	-55	-38	-56	-40	-48	-70	-46	-36	-5	-64	-1	-26	-58	1	-31	-30	-48	-105	-143	-15	-98	-64	-73	-11	-27	-28	-54	-41	-47	-18	-82	-72	-128	17	54	19	11	4	-72	-80	-31	-30	-50	-7	-19	11	-25	
System Total		12895	12524	12275	12143	11852	11735	11602	11476	11484	11575	11485	11463	11386	11395	11077	10915	11036	11631	12251	12634	12978	13343	13587	13565	13503	13262	13237	13369	13570	13642	13479	13598	13581	13584	13319	13256	13191	13261	13322	13675	13916	14124	14091	14073	13907	13829	13636	13341	
SRev ST-Coal		107	116	71	503	596	559	404	531	528	541	530	615	613	612	609	611	669	642	203	62	61	40	180	63	86	133	130	217	216	195	386	24	50	28	24	13	19	43	47	34	44	56	56	61	41	36	18	50	
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	-20	-19	13	67	164	48	59	51	65	0	2	3	64	67	62	67	134	101	71	21	44	58	65	62	68	33
SRev CCGT-Gas		1387	1342	1395	856	959	1122	1316	1380	1355	1228	1395	1337	1423	1450	1710	1903	1664	995	770	390	306	174	506	428	457	429	377	207	341	479	525	254	217	205	397	370	299	431	298	190	117	116	124	159	285	243	309	153	
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
SRev Co-Gen		12	11	12	12	11	12	10	11	11	12	10	11	11	9	11	12	10	12	10	12	13	10	11	11	11	9	12	11	11	10	11	11	10	10	12	12	13	12	11	11	10	11	10	13	12	13	11	13	
Syncon		499	499	499	625	625	625	625	625	625	625	625	625	625	625	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776	776
Hydro		523	521	523	522	526	525	524	524	523	523	524	520	387	388	388	390	383	341	342	374	381	400	295	472	491	330	261	254	261	131	98	56	163	174	70	81	250	248	257	284	245	313	315	447	487	325	100	151	
S.Reserve Total		2528	2489	2506	2518	2717	2843	2879	3071	3042	2929	3084	3108	3210	3235	3494	3692	3502	2766	2101	1614	1542	1279	1436	1545	1648	1895	1871	1815	1967	1945	2079	1424	1521	1499	1494	1470	1570	1728	1674	1547	1414	1157	1189	1227	1379	1319	1382	1377	