

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,019 MW
Hydro	2,358 MW
Distillate	0 MW
Total TNB	5,377 MW
Total IPP	14,249 MW
Total Co-Gen	80 MW
Total System	20,270 MW

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
CBPS	47	Total	0
GLGR	51		
TJGS	212		
Total TNB	310		
KLPP	96		
MPSS	45		
NPRI	156		
PGLA	104		
PLPS	40		
PTEK	19		
SGB3	17		
SGRI	185		
SKSP	48		
Total IPP	711		
Total Gas	1,021		
Total Gas Required	1,021		

Alternate Fuel Usage

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	17,512 MW
TNB Generation	3,467 MW
IPP Generation	12,845 MW
Spinning Reserve	1,131 MW
Maximum Demand	16,420 MW
Net Energy	337,177 MWH
Load Factor	85.56 %

Generation Mix

Type	MWh	Percentage
Gas	42,645	12.65 %
Hydro	19,782	5.87 %
Total TNB	62,427	18.51 %
ST-Coal	177,323	52.59 %
Gas	95,127	28.21 %
Total IPP	272,450	80.80 %
Co-Gen	1,644	0.49 %
Total Co-Gen	1,644	0.49 %
Total Generation	336,521	99.81 %
PLTG	26	0.01 %
HVDC	-682	-0.20 %
Interconnection	-656	-0.19 %
Net Energy	337,177	100.00 %

Fuel Cost

Total Cost:	54,276,298.55 RM
Cost per Unit	17.14 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	374
Hydro	462
Syncon	574
Thermal	134
Total	1,544

Time Weather Temperature

Afternoon	Hot	35
Morning	Cloudy	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	13684	13099	12591	0	11971	11774	12008	12117	12470	14162	15094	15821	15824	15460	16171	16411	16382	15853	14811	14517	15520	15489	14799	14441

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Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Thursday

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	
UPLA	HY01	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPLA	HY02	4	4	4	4	4	4	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		549	550	554	552	554	550	0	548	548	546	546	568	570	547	568	548	547	544	686	998	1270	1468	1419	1317	1422
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
PCUF	CUFG	39	38	39	38	39	38	0	39	38	39	39	39	40	39	39	39	38	38	37	38	38	40	39	38	38
PCUF	CUFK	30	33	31	31	33	32	0	32	33	33	32	31	33	32	32	33	32	33	32	31	32	31	31	32	32
Total Co-Gen		69	71	70	69	72	70	0	71	71	72	71	70	73	72	71	70	71	72	70	71	69	69	70	71	70
Total Gen		13681	13254	13009	12724	12541	12387	0	12143	11940	11889	11750	11914	11999	12380	12163	12162	12416	13410	14110	14640	15015	15427	15786	15856	15783
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
TIE-HVDC		-30	-30	-29	-29	-29	-29	0	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29
TIE-PLTG		27	-4	-62	-28	-21	24	0	20	-1	47	5	13	19	71	75	73	-25	5	-23	-29	-50	-21	-6	7	-11
Interconnection		-3	-34	-90	-57	-50	-5	0	-9	-31	17	-24	-17	-9	42	46	45	-54	-23	-52	-58	-79	-51	-35	-22	-41
System Total		13684	13288	13009	12781	12591	12392	0	12152	11971	11872	11774	11931	12008	12338	12117	12117	12470	13433	14162	14698	15094	15478	15821	15878	15824
SRev ST-Coal		133	281	284	284	281	284	0	289	289	290	286	294	291	289	346	282	279	216	131	128	125	125	147	137	137
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
SRev CCGT-Gas		667	877	712	915	1117	1220	0	1022	1230	1279	1415	1381	1328	952	1004	1175	1194	915	401	256	194	388	331	249	372
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
SRev Co-Gen		11	9	10	11	8	10	0	9	9	8	9	10	7	8	9	10	9	8	10	9	11	11	10	9	10
Syncon		1151	1151	1338	1338	1338	1338	0	1338	1338	1338	1338	1187	1187	1338	1338	1338	1101	862	524	398	272	272	272	272	272
Hydro		70	69	64	66	64	68	0	70	70	72	72	72	201	199	71	201	70	71	74	319	496	663	591	641	743
S Reserve Total		2032	2387	2408	2614	2808	2920	0	2728	2936	2987	3120	3095	3014	2637	2711	2919	2893	2611	2039	1816	1691	1711	1455	1318	1534