

Daily System Generation Summary on Sunday

Sunday, October 05, 2014

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,300 MW
Hydro	1,846 MW
Distillate	0 MW
Total TNB	8,216 MW
Total IPP	10,529 MW
Total Co-Gen	0 MW
Total System	18,745 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	45,999	18.85 %
Gas	42,297	17.33 %
Hydro	8,593	3.52 %
Total TNB	96,889	39.70 %
ST-Coal	84,234	34.52 %
ST-Gas	129	0.05 %
Gas	59,312	24.30 %
Total IPP	143,675	58.87 %
Co-Gen	1,903	0.78 %
Total Co-Gen	1,903	0.78 %
Total Generation	242,467	99.36 %
PLTG	-871	-0.36 %
HVDC	-702	-0.29 %
Interconnection	-1,573	-0.64 %
Net Energy	244,040	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	12,747 MW
TNB Generation	4,337 MW
IPP Generation	7,246 MW
Spinning Reserve	1,084 MW
Maximum Demand	11,726 MW
Net Energy	244,040 MWH
Load Factor	86.71 %

Fuel Cost

Total Cost:	29,226,381.00 RM
Cost per Unit	12.50 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	191
Hydro	105
Syncon	525
Thermal	266
Total	1,087

Time	Weather	Temperature
Afternoon	Cloudy	26
Morning	Hot	35

Gas Usage

Station	(mmscfd)
GLGR	56
PAKA	1
PGPS	28
TJGS	214
Total TNB	300
KLPP	84
MPSS	36
PLPS	83
SGRI	176
SKSP	16
YPKA	68
Total IPP	463
Total Gas	764
Total Gas Required	764

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	11459	10822	10468	9895	9774	9578	9572	9283	8968	9080	9271	9731	9846	9835	9842	9948	9864	10041	10043	10634	11718	11628	11501	11125

Prepared By: Muhamad Izwan

Checked By: Kannathason a/l Karuppiah

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 (Gurcharan Singh)
 Pengurus Besar Kanan
 Jabatan Sistem Operasi



Daily MW Generation on Sunday

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 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								
SRev Co-Gen		-5	-2	-3	-4	-3	-4	-1	-3	-9	-8	-9	-8	-7	-6	-9	-9	-7	-8	-5	-5	-4	-4	-4	-2	1	3	5	4	4	2	0	2	1	1	2	3	0	-4	-2	-4	-3	-4	-7	-7	-7	-6	-7	-8
Syncron		723	471	622	471	471	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622
Hydro		128	458	209	332	282	207	200	192	215	155	94	274	114	189	125	136	88	115	132	133	134	113	222	125	255	127	125	98	130	106	101	90	121	107	108	108	110	113	115	154	146	146	138	86	100	225	60	98
S.Reserve Total		1157	1438	1201	1080	1150	1033	1246	1101	1239	1436	1422	1594	1503	1643	1784	1938	1911	1861	1981	1895	1789	1622	1575	1588	1523	1571	1537	1440	1501	1315	1432	1543	1567	1400	1398	1511	1657	2061	1818	1199	1035	1084	1241	855	975	927	1070	901