

Daily System Generation Summary on Sunday

Sunday, September 18, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,399 MW
Hydro	2,299 MW
Distillate	0 MW
Total TNB	5,698 MW
Total IPP	14,413 MW
Total Co-Gen	20 MW
Total System	20,695 MW

Generation Mix

Type	MWh	Percentage
Gas	39,568	13.08 %
Hydro	6,233	2.06 %
Total TNB	45,801	15.14 %
ST-Coal	187,864	62.10 %
Gas	69,459	22.96 %
Total IPP	257,323	85.06 %
Co-Gen	322	0.11 %
Total Co-Gen	322	0.11 %
Total Generation	303,446	100.30 %
PLTG	171	0.06 %
HVDC	738	0.24 %
Interconnection	909	0.30 %
Net Energy	302,537	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	15,890 MW
TNB Generation	2,434 MW
IPP Generation	11,947 MW
Spinning Reserve	1,496 MW
Maximum Demand	14,392 MW
Net Energy	302,537 MWH
Load Factor	87.59 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	347
Hydro	156
Syncon	1,035
Thermal	140
Total	1,678

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	54
PGPS	26
TJGS	204
Total TNB	285
CBPS	53
KLPP	65
NPRI	69
PGLA	74
PLPS	55
SGB3	35
SGRI	168
Total IPP	519
Total Gas	803

Total Gas Required 803

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	13693	13144	12690	12161	11812	11519	11463	11091	10594	11125	11782	12360	12441	12461	12730	12882	13063	12864	12463	12803	14318	14330	14278	14006

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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 Co-Gen		6	7	6	6	6	7	7	7	5	7	6	7	7	8	7	7	7	7	6	6	6	7	7	6	6	8	6	6	7	7	8	5	6	6	5	7	8	7	6	7	7	5	6	6				
Syncon		1137	986	1137	1137	1137	1137	1137	1137	1137	1137	1137	1137	1137	885	1036	1036	1036	1162	1162	1162	1162	1162	1036	1036	885	1036	1036	1036	885	1036	1036	1036	1036	1036	1036	885	885	1036	1036	849	849	849	849					
Hydro		136	235	132	95	91	137	140	97	140	139	139	139	140	138	269	143	150	131	145	283	138	133	139	129	139	139	136	129	137	138	251	92	94	136	269	160	171	156	149	105	271	271	138	134	167	151	176	189
S.Reserve Total		1797	1674	1769	1738	1573	1870	2106	2122	2272	2323	2583	2543	2638	2560	2933	3360	3449	3242	3107	2711	2359	2024	1858	1864	1894	2009	1920	1850	1694	1598	1546	1660	1593	1827	2194	2442	2819	2885	2687	1517	1549	1544	1528	1496	1384	1354	1497	1672