

Daily System Generation Summary on Sunday

Sunday, July 17, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,216 MW
Hydro	1,871 MW
Distillate	0 MW
Total TNB	5,087 MW
Total IPP	14,043 MW
Total Co-Gen	0 MW
Total System	19,694 MW

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	15,363 MW
TNB Generation	2,331 MW
IPP Generation	11,627 MW
Spinning Reserve	1,367 MW
Maximum Demand	14,069 MW
Net Energy	295,673 MWH
Load Factor	87.57 %

Gas Usage

Station	(mmscfd)
CBPS	31
GLGR	30
PGPS	42
TJGS	194
Total TNB	297
CBPS	55
KLPP	75
MPSS	48
NPRI	151
PGLA	67
PLPS	78
SGRI	177
SKSP	28
Total IPP	680
Total Gas	977

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
Gas	40,934	13.84 %
Hydro	6,696	2.26 %
Total TNB	47,630	16.11 %
ST-Coal	155,768	52.68 %
Gas	91,387	30.91 %
Total IPP	247,155	83.59 %
Co-Gen	1,025	0.35 %
Total Co-Gen	1,025	0.35 %
Total Generation	295,810	100.05 %
PLTG	-585	-0.20 %
HVDC	722	0.24 %
Interconnection	137	0.05 %
Net Energy	295,673	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	386
Hydro	167
Syncon	843
Thermal	21
Total	1,417

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	12787	12247	11869	11515	11229	11031	11093	10773	10416	11118	11886	12492	12480	12574	12794	12923	13020	12753	12437	12615	13913	13983	13747	13432

Prepared By: Kannathason a/i Karupptiah

Checked By: Siti Nurhamizatul Aini

Printed on: Monday, July 18, 2016 8:14:25 AM

(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 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		630	688	724	803	428	457	563	700	830	977	974	1123	1047	941	1211	1629	1507	1124	914	598	815	199	749	489	355	745	446	385	402	188	289	227	320	337	571	692	923	953	997	626	329	187	415	227	425	334	311	426	
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	
SRev Co-Gen		9	12	10	9	8	10	5	6	7	7	6	8	7	8	7	7	8	10	11	11	13	13	10	13	14	14	12	12	-13	-12	-11	-16	-13	-15	-14	-14	-15	-16	-16	-20	-11	6	1	-14	-19	-19	-20		
Syncon		803	954	954	954	954	954	803	803	803	954	954	954	954	954	626	702	324	324	450	853	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954	954
Hydro		281	146	147	147	197	201	143	274	272	258	142	142	143	140	269	141	136	137	140	132	96	280	113	376	411	96	143	143	146	141	137	82	214	89	150	89	146	156	154	150	142	131	109	144	145	270	270	140	
S.Reserve Total		1723	1882	1918	1914	1605	1622	1671	1794	1836	2069	2092	2237	2163	2046	2299	2748	2724	2327	2045	1696	1341	1189	1166	1198	1227	1699	1540	1338	1484	1275	1371	1339	1432	1462	1628	1823	2102	2138	2174	1814	1482	1367	1531	1501	1799	1618	1662	1655	