

Daily System Generation Summary on Wednesday

Wednesday, September 14, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,291 MW
Hydro	2,331 MW
Distillate	0 MW
Total TNB	5,622 MW
Total IPP	13,963 MW
Total Co-Gen	30 MW
Total System	20,179 MW

Generation Mix

Type	MWh	Percentage
Gas	49,828	14.70 %
Hydro	6,744	1.99 %
Total TNB	56,572	16.69 %
ST-Coal	171,794	50.67 %
Gas	110,386	32.56 %
Total IPP	282,180	83.23 %
Co-Gen	394	0.12 %
Total Co-Gen	394	0.12 %
Total Generation	339,146	100.03 %
PLTG	-637	-0.19 %
HVDC	738	0.22 %
Interconnection	101	0.03 %
Net Energy	339,045	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:	16:00:00 Hour
Total Set On Bus	17,687 MW
TNB Generation	3,107 MW
IPP Generation	12,932 MW
Spinning Reserve	1,634 MW
Maximum Demand	16,074 MW
Net Energy	339,045 MWH
Load Factor	87.89 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	379
Hydro	360
Syncon	927
Thermal	125
Total	1,791

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	53
PAKA	42
PGPS	50
SRDG	19
TJGS	212
Total TNB	375
CBPS	54
KLPP	100
MPSS	39
NPRI	81
PGLA	110
PKLG	6
PLPS	93
PTEK	24
SGB3	86
SGRI	195
SKSP	52
Total IPP	840
Total Gas	1,215
Total Gas Required	1,215

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	13784	13106	12687	12267	11874	11733	11713	11751	12240	13925	14846	15527	15573	15342	15865	15960	16074	15626	14638	14561	15245	15090	14644	14349

Prepared By: Siti Nurhamizatul Aini

Checked By: -Select Name-

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 (Gurcharan Singh)
 Pengurus Besar Kanan
 Jabatan Sistem Operasi

Daily MW Generation on Wednesday

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
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	89	89	90	90	92	92	-1	-1	-1
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		181	177	191	185	183	172	169	183	168	183	217	211	192	196	190	191	182	194	183	189	183	259	247	286
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
PCUF	CUFK	9	4	5	4	5	4	3	3	3	4	5	4	4	5	4	4	4	4	3	2	1	0	1	2
PCUF	CUFK	14	14	13	14	14	14	13	13	13	14	13	14	13	15	15	13	14	14	13	14	13	12	12	13
Total Co-Gen		23	18	18	18	19	18	16	16	16	18	18	18	19	18	18	17	15	15	13	14	14	14	15	14
Total Gen		13850	13458	13167	12912	12745	12542	12442	12086	12000	11831	11732	11689	11676	11802	11763	11816	12174	13226	13911	14370	14827	15180	15442	
TIE-EÇAT		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		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
TIE-PLTG		34	65	49	6	26	78	143	45	94	-4	-33	-26	-69	-16	-20	-79	-97	-99	-46	-42	-50	-28	-117	
Interconnection		65	96	80	37	57	108	174	76	125	26	-2	4	-38	14	11	-49	-67	-69	-15	-11	-20	3	-86	
System Total		13784	13361	13106	12874	12687	12433	12267	12009	11874	11804	11733	11684	11713	11787	11751	11864	12240	13294	13925	14380	14846	15176	15527	
SRev ST-Coal		127	127	117	108	120	152	168	131	119	36	37	52	32	48	34	132	133	132	107	114	115	122	118	
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		425	665	440	601	755	914	993	1400	1483	1752	1884	1906	1921	1782	1913	1956	1588	1358	1145	683	220	375	181	
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
SRev Co-Gen		7	12	12	12	11	12	14	14	14	12	12	12	11	12	12	12	11	11	13	12	13	15	15	
Syncon		1148	1148	1148	1148	1148	1148	1148	1148	1148	997	997	1148	1148	1148	1148	1148	1148	1148	1148	1148	1047	734	734	
Hydro		266	270	256	262	264	275	278	264	279	264	381	387	255	251	257	256	265	253	264	258	264	440	301	
S.Reserve Total		1973	2222	1973	2131	2298	2501	2601	2957	3043	3212	3311	3354	3367	3241	3364	3504	3146	2902	2675	2216	1759	1919	1780	