

Daily System Generation Summary on Friday

Friday, August 05, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,889 MW
Hydro	2,064 MW
Distillate	0 MW
Total TNB	4,953 MW
Total IPP	15,146 MW
Total Co-Gen	50 MW
Total System	20,149 MW

Maximum Demand Record

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

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	31
PAKA	102
PGPS	50
SRDG	6
TJGS	118
Total TNB	364
CBPS	55
KLPP	97
MPSS	58
NPRI	155
PDPS	3
PGLA	107
PKLG	3
PLPS	91
PTEK	2
SGRI	165
PKLG	7
Total IPP	742
Total Gas	1,106

Alternate Fuel Usage

Station	(mmscfd)
PKLG	50
Total	50

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	17,725 MW
TNB Generation	3,703 MW
IPP Generation	12,801 MW
Spinning Reserve	1,184 MW
Maximum Demand	16,449 MW
Net Energy	339,594 MWH
Load Factor	86.02 %

Generation Mix

Type	MWh	Percentage
Gas	45,613	13.43 %
Hydro	19,853	5.85 %
Total TNB	65,466	19.28 %
ST-Coal	181,448	53.43 %
ST-Gas	662	0.19 %
ST-Oil	5,133	1.51 %
Gas	86,303	25.41 %
Total IPP	273,546	80.55 %
Co-Gen	582	0.17 %
Total Co-Gen	582	0.17 %
Total Generation	339,594	100.00 %
Interconnection	0	0.00 %
Net Energy	339,594	100.00 %

Fuel Cost

Total Cost:	44,788,353.20 RM
Cost per Unit	13.52 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	578
Hydro	434
Syncon	172
Thermal	188
Total	1,372

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	25

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	14495	13750	13285	13018	12609	12454	12535	12410	12749	14174	15180	15871	15922	15482	15767	16392	16449	16144	14952	14632	15747	15711	15258	15136

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Checked By: -Select Name-

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(Curcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Friday

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		
PLPS	ST18	131	131	92	91	91	92	91	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	
SGRI	GT11	111	100	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	
SGRI	GT12	118	103	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	
SGRI	GT13	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	
SGRI	ST14	131	132	99	99	99	100	100	98	101	100	100	99	99	99	99	100	99	114	172	172	173	173	187	189	189	
SGRI	GT21	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	
SGRI	GT22	115	72	73	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	
SGRI	GT23	111	66	65	65	65	65	64	64	65	65	65	65	65	64	64	62	66	65	70	68	70	68	70	68	70	
SGRI	ST24	134	102	99	99	99	99	101	101	98	98	100	100	99	99	101	100	98	104	128	170	173	172	173	186	201	
TJGS	GT1A	207	196	219	203	196	223	222	207	206	208	140	168	117	191	112	130	226	222	222	224	224	224	224	224	224	224
TJGS	GT1B	197	187	210	196	185	212	214	199	199	204	136	156	110	183	103	123	215	215	215	213	214	214	211	211	198	
TJGS	ST1C	236	225	229	244	223	250	250	246	242	232	173	177	182	235	177	162	237	251	251	252	252	252	252	252	248	
TJGS	GT2A	210	217	198	177	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	GT2B	206	220	193	174	133	112	103	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	ST2C	256	262	245	234	211	89	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total CCGT-Gas		6555	6003	5729	5483	5222	5248	5071	4820	4634	4596	4440	4493	4440	4621	4378	4252	4754	5345	5897	6194	6423	6391	6378	6395	6492	
PDPS	CT02	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	
PKLC	GT09	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	
PTEK	GT1A	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	
SRDG	GT04	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	
SRDG	CT05	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	
Total CCGT-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	
BSIA	HY01	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
BSIA	HY02	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	
CEND	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
CEND	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
CEND	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
HTRG	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	-1	
HTRG	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KNRC	HY01	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	
KNRC	HY02	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	
KNRC	HY03	21	23	23	22	22	23	22	22	22	23	23	23	23	23	23	23	22	22	22	22	22	22	22	22	22	
KNYR	HY01	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	96	96	96	96	96	96	96	96	96	96	
KNYR	HY02	56	59	99	99	99	99	99	98	99	99	99	99	99	99	99	98	98	98	98	98	98	98	98	98	98	
KNYR	HY03	96	59	100	100	100	101	101	99	101	101	100	101	101	100	100	100	100	100	100	100	100	100	100	100	100	
KNYR	HY04	60	68	66	66	65	91	68	67	66	68	65	67	69	68	65	65	65	67	81	73	97	97	88	97	65	
LPIA	HY02	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
MNOR	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	85	83	82	81	81	81	21	23	25	120	
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	112	112	112	112	112	82	81	81	82	82	
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	112	113	112	112	82	82	85	87	83	82	
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	81	81	81	81	21	21	21	22		
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	51	31	30	30	30	30	50		
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	34	30	30	30	30	50	50		
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	0	0	0	25	25	16		
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	0	0	0	25	25	16		
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	0	0	0	25	25	16		

