

Daily System Generation Summary on Thursday

Thursday, December 03, 2015

Availability at Daily Maximum Demand Hour

ST-Coal	2,300 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,402 MW
Hydro	1,881 MW
Distillate	0 MW
Total TNB	7,583 MW
Total IPP	9,945 MW
Total Co-Gen	0 MW
Total System	17,528 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	50,533	14.95 %
Gas	69,024	20.41 %
Hydro	15,285	4.52 %
Total TNB	134,842	39.88 %
ST-Coal	104,597	30.94 %
ST-Gas	9,023	2.67 %
Gas	89,384	26.44 %
Total IPP	203,004	60.04 %
Co-Gen	604	0.18 %
Total Co-Gen	604	0.18 %
Total Generation	338,450	100.10 %
PLTG	-352	-0.10 %
EGAT	-33	-0.01 %
HVDC	727	0.22 %
Interconnection	342	0.10 %
Net Energy	338,108	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:	14:30:00 Hour
Total Set On Bus	17,468 MW
TNB Generation	6,786 MW
IPP Generation	9,611 MW
Spinning Reserve	1,047 MW
Maximum Demand	16,334 MW
Net Energy	338,108 MWH
Load Factor	86.25 %

Fuel Cost

Total Cost:	48,642,334.40 RM
Cost per Unit	15.05 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	486
Hydro	368
Syncon	443
Thermal	120
Total	1,417

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	65
GLGR	53
NPRI	60
PAKA	99
PGGS	14
SRDG	16
TJGS	211
Total TNB	519

KLPP	101
MPSS	50
PDPS	39
PGLA	67
PKLG	22
PLPS	94
PTEK	41
SGB3	86
SGRI	167
SKSP	52
PKLG	89
Total IPP	809

Total Gas 1,327

Total Gas Required 1,327

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	13285	12577	12270	11805	11575	11421	11722	11692	12289	14137	15118	15941	15767	15590	16149	16270	16141	15707	14593	14645	15368	15030	14423	14029

Daily MW Generation on Thursday

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
KNRG	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
KNRG	HY03	23	22	22	23	23	23	23	24	24	24	24	24	23	24	22	23	24	22	21	20	19	19	20	20
KNYR	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
KNYR	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
KNYR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY04	100	56	77	72	65	72	63	72	68	82	99	100	100	79	91	60	100	51	62	87	61	61	59	63
LPJA	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
LPJA	HY02	15	15	15	15	15	15	15	15	15	15	14	10	15	15	15	13	5	14	17	17	17	17	17	17
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	109	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	109	111	125	125	110	110	110	110	130
PGAU	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
PGAU	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGAU	HY04	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
SIHY	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
SIHY	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
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	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
SYPS	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
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	37	29	33	36	37	36	35	36	37	38	40	39	42	40	35	40	32	40	24	49	55	48	48	46
TMGR	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
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPLA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPLA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		405	240	265	267	259	267	254	243	239	255	273	273	273	297	359	348	224	289	426	708	896	1199	1299	
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	CUFG	13	12	13	12	13	13	13	13	13	13	13	13	12	11	12	13	12	13	12	12	12	12	12	12
PCUF	CUFK	13	13	12	12	12	12	11	15	13	14	13	12	13	13	13	13	13	13	13	13	13	13	13	13
Total Co-Gen		26	25	25	24	25	25	24	28	26	27	26	25	25	27	26	25	25	25	25	25	25	25	25	25
Total Gen		13373	12902	12852	12443	12290	11954	11837	11699	11595	11524	11432	11549	11677	11668	11752	11897	12394	13363	14227	14854	15111	15644	15977	
TIE-EGAT		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		30	30	30	30	31	31	31	31	31	31	30	30	31	31	31	30	30	30	30	30	30	30	30	30
TIE-PLTG		-57	-82	-54	-5	-11	-67	1	-86	-101	-91	-18	10	-76	-47	30	30	74	-31	60	32	-37	64	6	
Interconnection		88	-52	-24	25	20	-37	32	-56	-70	-60	11	40	-45	-16	60	59	105	-1	90	62	-7	94	36	
System Total		13285	12954	12577	12418	12270	11991	11895	11755	11575	11584	11421	11509	11722	11684	11692	11838	12289	13364	14137	14792	15118	15580	15941	
SRcv ST-Coal		132	76	108	143	132	119	111	215	97	101	115	131	98	109	116	73	119	90	110	100	74	101	116	
SRcv 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
SRcv CCGT-Gas		204	497	644	732	880	1328	1463	1609	1567	1557	1570	1432	1368	1376	1259	1432	1189	840	405	421	155	225	199	
SRcv ST-Gas		32	18	48	45	43	44	44	44	44	20	16	16	15	16	44	34	42	40	26	-1	1	-3	10	
SRcv Co-Gen		-26	-25	-25	-24	-25	-25	-24	-28	-26	-27	-26	-25	-25	-27	-26	-25	-24	-25	-25	-25	-26	-24	-25	
Syncon		525	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	
Hydro		264	278	253	251	259	251	264	124	128	112	94	94	94	221	159	170	143	128	543	329	379	301	307	
S.Reserve Total		1131	1520	1704	1823	1965	2393	2534	2791	2637	2614	2600	2475	2378	2370	2280	2368	2286	1902	1688	1517	1002	1214	1173	