

Daily System Generation Summary on Thursday

Thursday, October 16, 2014

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,688 MW
Hydro	1,659 MW
Distillate	444 MW
Total TNB	7,861 MW
Total IPP	9,786 MW
Total Co-Gen	0 MW
Total System	17,647 MW

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	17,107 MW
TNB Generation	7,135 MW
IPP Generation	8,925 MW
Spinning Reserve	975 MW
Maximum Demand	16,249 MW
Net Energy	335,679 MWH
Load Factor	86.07 %

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
CBPS	11	CBPS	34
CBPS	58	PDPS	50
GLGR	57	PGGS	25
PAKA	132	PTEK	16
PGGS	2	KLPP	59
PGPS	51	PLPS	22
SRDG	30	SGRI	74
TJGS	211	PKLG	126
Total TNB	552	Total	406
KLPP	55		
MPSS	58		
PDPS	0		
PKLG	8		
PLPS	80		
PTEK	16		
SGB3	37		
SGRI	130		
SKSP	56		
YPKA	68		
Total IPP	509		
Total Gas	1,062		
Total Gas Required	1,467		

Generation Mix

Type	MWh	Percentage
ST-Coal	48,916	14.57 %
Gas	72,323	21.55 %
Hydro	15,261	4.55 %
Distillate	5,133	1.53 %
Total TNB	141,633	42.19 %
ST-Coal	85,025	25.33 %
ST-Gas	5,453	1.62 %
ST-Oil	13,177	3.93 %
Gas	62,000	18.47 %
Distillate	25,108	7.48 %
Total IPP	190,763	56.83 %
Co-Gen	1,867	0.56 %
Total Co-Gen	1,867	0.56 %
Total Generation	334,263	99.58 %
PLTG	-714	-0.21 %
HVDC	-702	-0.21 %
Interconnection	-1,416	-0.42 %
Net Energy	335,679	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	430
Hydro	275
Syncon	168
Thermal	36
Total	909

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	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	13066	12570	12197	11693	11464	11358	11606	11641	12135	13937	15083	15845	15672	15333	15775	16034	15971	15709	14593	14663	15170	14947	14473	14045

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																											
LPIA	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10																											
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																											
PGAU	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																											
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																											
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	32	38	40	32	39	37	35	37	40	35	34	38	40	41	31	37	33	82	81	81	81	81	80	79																											
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	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	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-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																											
UPIA	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		462	260	262	326	261	260	235	260	263	258	257	261	263	392	234	261	227	590	744	905	1088	1202	1516	1218	1211	867	665	946	915	1274	1115	1048	1053	1084	788	433	300	241	429	1137	832	878	1000	989	587	285	264	255			
CBPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
CBPS	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
CBPS	GT06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
KLPP	GT13	140	140	141	142	141	141	142	140	140	140	140	141	142	141	141	110	112	140	140	139	141	140	142	141	140	141	140	140	139	139	140	139	138	138	139	140	139	142	142	143	141	143	62	0	0	0	0	0			
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	90	90	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	138	138	138	138	138	138	138	138	138	138	138	138
PDPS	GT01	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																										
PDPS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
PDPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
PDPS	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																											
PGGS	GT6A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
PGGS	GT6B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
PLPS	GT11	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																											
PTEK	GT2B	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	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																											
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																											
SGRI	GT23	132	133	133	133	134	133	133	133	133	133	133	133	133	133	133	133	132	131	131	131	131	131	131	131	131	131	131	131	130	130	129	129	128	128	128	128	129	130	130	130	130	131	131	130	130	131	131	132			
Total Distillate		272	273	274	275	274	275	273	273	274	274	275	274	274	243	276	378	650	1006	1315	1328	1376	1524	1560	1613	1633	1716	1645	1723	1626	1736	1731	1737	1736	1739	1778	1793	1793	1793	1889	1761	1358	667	544	546	547	458					
PCUF	CUFG	41	41	42	42	42	42	42	42	43	43	42	42	44	44	42	42	41	42	41	40	39	40	36	39	36	35	34	34	35	34	34	35	34	34	35	35	34	35	35	34	34	35	34	35	34	36	36				
PCUF	CUFK	37	41	40	39	40	38	39	39	40	40	39	39	42	40	39	40	41	39	39	39	39	40	40	39	41	40	39	40	38	37	39	40	39	40	39	38	39	39	39	39	39	39	39	39	39	39	39	41	40		
Total Co-Gen		78	82	82	81	82	80	81	81	83	83	81	82	84	82	83	84	83	81	80	81	80	79	79	77	79	75	75	74	72	72	73	74	74	75	73	73	75	74	74	74	73	73	74	73	74	73	77	76			
Total Gen		13081	12676	12383	12340	12013	11973	11646	11443	11380	11355	11329	11387	11408	11718	11622	11404	12062	13358	13019	14485	15073	15362	15755	15923	15698	15397	15260	15606	15668	16132	16007	15986	15889	15888	15854	15110	14585	14367	14689	15408	15172	15175	14955	14835	14441	14229	13996	13613			
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	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	
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		44	-86	-158	20	-154	-13	-18	-59	-54	-59	-1	-126	-169	-156	10	-113	-43	-60	9	-28	20	37	-62	56	55	-37	-45	16	-77	-88	3	-66	-53	-30	-125	35	22	6	56	65	31	42	37	33	-3	-25	-19	-97			
Interconnection		15	-116	-187	-10	-184	-42	-47	-89	-84	-88	-29	-155	-198	-185	-19	-143	-73	-90	-18	-57	-10	9	-90	26	26	-66	-73	-14	-107	-118	-27	-96	-82	-59	-155	5	-8	-24	26	36	2	13	8	3	-32	-54	-49	-127			
System Total		13066	12792	12570	12350	12197	12015	11693	11532	11464	11443	11358	11542	11606	11903	11641	11547	12135	13448	13937	14542	15083	15353	15845	15897	15672	15463	15333	15620	15775	16250	16034	16062	15971	15947	15709	15105	14593	14391	14663	15372	15170	15162	14947	14832	14473	14283	14045	13740			

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																								
SRev ST-Oil		5	5	5	5	4	4	4	4	5	5	6	6	4	4	5	5	4	3	3	45	0	0	1	2	2	3	3	2	2	2	2	1	1	2	10	5	5	5	5	6								
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	0	6	6	13	85	107	71	31	60	121	141	74	165	173	36	114	48	0	0	0	0	0	0	14	15	7	49	0				
SRev CCGT-Gas		555	528	394	514	766	788	1070	1296	1366	1381	1405	1361	1349	1146	1078	1313	991	392	286	326	385	343	396	234	273	264	262	282	286	311	286	289	293	287	263	269	239	354	242	243	248	211	199	340	200	145	189	168
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	
SRev Distillate		11	10	9	8	8	9	8	10	10	9	9	9	8	9	9	40	147	165	234	72	113	203	186	181	285	232	212	129	200	122	209	109	114	108	109	106	88	73	73	73	109	98	399	124	29	27	26	115
SRev Co-Gen		-2	-6	-6	-5	-6	-4	-5	-5	-7	-7	-5	-6	-8	-6	-7	-8	-7	-5	-4	-5	-4	-4	-3	-3	-1	-3	1	1	2	4	4	3	2	2	1	3	3	1	2	2	2	3	3	2	3	-1	0	
Syncon		626	727	727	576	727	727	727	727	727	727	727	576	576	727	727	425	173	173	173	173	0	0	0	87	475	475	475	86	86	237	237	237	324	425	727	727	425	237	338	338	187	187	274	576	576	727		
Hydro		88	51	49	136	50	51	76	51	48	53	54	50	48	70	228	50	84	61	154	276	168	228	92	390	397	555	319	185	265	296	455	271	216	185	307	261	92	104	316	193	373	327	356	367	582	209	230	88
S.Reserve Total		1325	1396	1257	1294	1617	1657	1954	2157	2220	2245	2271	2217	2196	1886	1978	2200	2031	1117	897	998	881	998	717	861	1086	1288	1375	1175	1330	975	1223	1015	1062	1066	1075	1219	1223	1285	1091	865	1211	1099	1272	1174	1165	1004	1114	1155