

Availability At Daily Maximum Demand Hour

ST-Coal	2,030	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,452	MW
Hydro	1,904	MW
Distillate	0	MW
Total TNB	8,386	MW
Total IPP	10,792	MW
Total Co-Gen	74	MW
System Total	19,816	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00		
TNB Generation	4,277	MW
IPP Generation	6,714	MW
Total Set On Bus	12,269	MW
Maximum Demand	11,087	MW
Spinning Reserve	1,204	MW
Net Energy	231,654	MWH
Load Factor	87.1	%
Total Cost	28,298,916	RM
Cost per Unit	12.62	cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0 MW
Date :	24/06/2014	355,911.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	10773	10333	9871	9593	9297	9081	8878	8916	8455	8664	9100	9421	9417	9424	9421	9447	9473	9388	9477	9873	11029	11087	10881	10738

Gas Usage

Station	(mmscfd)
GLGR	66
SRDG	6
TJGS	223
TNB Total	295
KLPP	78
PDPS	4
PGLA	112
PLPS	58
SGRI	95
SKSP	55
YPGS	24
YPKA	50
IPP Total	476
Total Gas	771
Total Gas Required :	771
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	42,345.00	18.28 %
Gas	41,445.00	17.89 %
Hydro	7,784.00	3.36 %
Total TNB	91,574.0	39.53 %
ST-Coal	75,457.0	32.57 %
Gas	63,059.0	27.22 %
Total IPP	138,516.0	59.79 %
Co-Gen	1,813.0	0.78 %
Total Co-Gen	1,813.0	0.78 %
Total Generation	231,903.0	100.11 %
PLTG	-477.0	-0.21 %
HVDC	726.0	0.31 %
Interconnection	249.0	0.11 %
Net Energy	231,654.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	214
Hydro	186
Syncon	486
Thermal	632
Total	1519

Weather Temperature

Time	Weather	Temperature
Morning	Sunny	25
Afternoon	Rainy	30

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																										
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9																										
KNRG	HY01	35	36	37	36	36	35	23	25	24	20	19	19	22	19	20	21	22	24	25	24	23	24	23	23	21	22	22	22	22	22	25	23	22	23	23	22	24	37	36	36	36	36	36	36	36	36	36			
KNRG	HY02	37	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		
KNYR	HY01	0	0	0	0	0	0	0	94	94	94	94	94	94	94	92	48	48	51	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	
KNYR	HY02	-1	-1	-1	-1	-1	-1	100	98	92	98	98	98	98	98	58	-1	-1	98	98	98	98	98	98	98	-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	60	60	61	59	58	56	54	60	96	96	96	96	96	94	95	92	48	49	51	96	96	96	96	96	96	57	57	56	58	58	58	58	58	65	58	58	61	60	59	59	69	59	64	63	60	61	60	60	59	
KNYR	HY04	0	0	0	0	0	0	0	98	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	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	
LPIA	HY01	9	9	10	10	9	9	9	10	11	10	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	9	9	11	10	10	10	10	10	10	11	9	10	10	10	9	10	10	10	10	10	10	10		
LPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
MNOR	HY01	6	6	6	6	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
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	-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	-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	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	-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	49	30	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	
SIHY	HY02	50	30	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	
SIHY	HY03	50	30	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	
SYPS	HY01	25	25	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	
SYPS	HY02	25	25	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	
SYPS	HY03	25	25	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	
SYPS	HY04	25	25	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	
TMGR	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
TMGR	HY02	30	28	30	29	27	26	24	36	39	39	28	25	24	32	29	34	31	33	36	37	36	32	35	33	30	32	31	30	32	31	31	31	31	31	38	32	32	34	33	31	34	27	29	31	35	32	31	31	33	36
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	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	
UPIA	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	4	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	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Total Hydro		479	373	188	185	176	174	169	394	507	500	489	485	481	493	483	318	259	293	527	504	504	498	524	499	167	169	164	164	169	166	188	165	187	170	167	175	173	169	195	510	493	477	480	474	376	239	184	186		
PCUF	CUFG	43	43	44	43	44	43	42	43	45	44	45	44	45	44	45	46	44	45	43	41	43	42	42	41	40	40	41	41	41	40	41	40	40	40	40	40	41	41	41	44	44	43	43	44	43	45	44			
PCUF	CUFK	38	36	36	38	37	37	36	36	35	35	34	35	36	36	35	36	35	37	36	36	36	35	34	31	32	30	30	28	28	27	27	29	29	29	29	30	28	29	31	31	30	31	30	31	32	32	35	36	34	
Total Co-Gen		81	79	80	81	81	80	78	79	80	79	79	79	81	80	80	82	79	82	79	77	79	77	76	73	70	70	69	69	68	67	70	69	69	70	68	69	72	72	71	75	74	74	75	76	78	81	78			
Total Gen		10807	10573	10316	10096	9883	9767	9632	9455	9250	9206	9111	8979	8934	8787	8626	8585	8546	8597	8723	8810	9111	9339	9428	9476	9410	9424	9389	9371	9335	9382	9400	9410	9420	9458	9407	9320	9435	9544	9857	10575	11028	11062	11065	11029	10947	10774	10733	10577		
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		
TIE-HVDC		30	30	30	30	31	31	30	30	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
TIE-PLTG		4	-22	-47	-60	-19	1	9	-4	-78	-25	0	26	25	55	80	47	61	70	28	-3	-19	-4	-23	-1	-37	-34	-65	-67	-116	-54	-77	-44	-84	-20	-11	-39	-72	-14	-47	-16	-31	-31	-52	-26	35	-43	-35	-76		
Interconnection		34	8	-17	-30	12	32	39	26	-47	6	30	56	56	86	110	77	91	100	59	28	11	26	7	29	-7	-4	-35	-37	-86	-24	-47	-14	-53	10	19	-9	-42	16	-16	15	-1	-1	-22	4	66	-12	-5	-46		
System Total		10773	10565	10333	10126	9871	9735	9593	9429	9297	9200	9081	8923	8878	8701	8916	8508	8455	8497	8664	8782	9100	9313	9421	9447	9417	9428	9424	9408	9421	9406	9447	9424	9473	9448	9388	9329	9477	9528	9873	10560	11029	11063	11087	11025	10881	10786	10738	10623		
SRev ST-Coal		58	57	53	267	435	428	443	579	593	592	594	588	593	610	608	608	609	608	620	577	574	679	682	672	659	656	655	658	674	676	677	673	675	683	676	720	722													