

Availability At Daily Maximum Demand Hour

ST-Coal	1,200	MW
ST-Gas	155	MW
ST-Oil	0	MW
Gas	4,287	MW
Hydro	1,619	MW
Distillate	60	MW
Total TNB	7,321	MW
Total IPP	10,732	MW
Total Co-Gen	83	MW
System Total	18,701	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00		
TNB Generation	3,482	MW
IPP Generation	8,090	MW
Total Set On Bus	12,527	MW
Maximum Demand	11,636	MW
Spinning Reserve	872	MW
Net Energy	246,212	MWH
Load Factor	88.2	%

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	10016	9520	9103	8909	8601	8382	8393	8497	8784	10122	10745	11384	11435	11168	11317	11548	11636	11324	10759	10675	11472	11372	11193	10741

Gas Usage

Station	(mmscfd)
GLGR	58
PGPS	47
TJGS	156
TNB Total	262
KLPP	93
MPSS	37
PGLA	111
PLPS	113
SGB3	72
SKSP	50
YPGS	23
YPKA	113
IPP Total	612
Total Gas	874
Total Gas Required :	874
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	26,591.00	10.80 %
Gas	36,682.00	14.90 %
Hydro	12,355.00	5.02 %
Total TNB	75,628.0	30.72 %
ST-Coal	86,370.0	35.08 %
ST-Oil	72.0	0.03 %
Gas	82,894.0	33.67 %
Total IPP	169,336.0	68.78 %
Co-Gen	1,984.0	0.81 %
Total Co-Gen	1,984.0	0.81 %
Total Generation	246,948.0	100.30 %
PLTG	13.0	0.01 %
HVDC	723.0	0.29 %
Interconnection	736.0	0.30 %
Net Energy	246,212.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	144
Hydro	135
Syncon	471
Thermal	148
Total	898

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32



**TENAGA
NASIONAL BERHAD**

Daily MW Generation On Friday

02-Sep-2011

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																								
Hydro		63	82	32	249	237	77	103	127	95	126	81	87	76	84	75	94	101	206	160	102	105	187	103	97	108	304	257	117	161	107	78	43	33	38	124	116	122	156	254	206	166	180	185	272	270	271	309	281
S.Reserve Total		1227	1364	1375	1168	1332	1446	1707	1764	1800	2150	2160	2161	2260	2189	2155	2299	2234	1596	1348	1290	1294	1103	957	772	895	1021	1195	1160	1088	1019	929	916	872	901	1171	1337	1518	1674	1634	1013	996	996	1063	1050	1101	1109	1385	1195