

Daily System Generation Summary on Monday

Monday, September 19, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,399 MW
Hydro	2,172 MW
Distillate	0 MW
Total TNB	5,571 MW
Total IPP	14,687 MW
Total Co-Gen	0 MW
Total System	20,822 MW

Generation Mix

Type	MWh	Percentage
Gas	43,928	12.80 %
Hydro	10,582	3.08 %
Total TNB	54,510	15.88 %
ST-Coal	188,209	54.82 %
Gas	100,689	29.33 %
Total IPP	288,898	84.15 %
Co-Gen	323	0.09 %
Total Co-Gen	323	0.09 %
Total Generation	343,731	100.12 %
PLTG	-315	-0.09 %
HVDC	738	0.21 %
Interconnection	423	0.12 %
Net Energy	343,308	100.00 %

Maximum Demand Record

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

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,088 MW
TNB Generation	3,142 MW
IPP Generation	13,396 MW
Spinning Reserve	1,537 MW
Maximum Demand	16,590 MW
Net Energy	343,308 MWH
Load Factor	86.22 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	488
Hydro	280
Syncon	792
Thermal	141
Total	1,701

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

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	13416	12831	12241	11912	11687	11469	11633	11689	12288	14084	15049	15891	15833	15582	16017	16485	16590	16132	14990	14746	15932	15908	15376	14834

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Monday

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																										
UJLI	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0																								
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	5	5																								
Total Hydro		311	256	155	251	253	253	305	300	283	312	310	329	351	181	172	173	165	166	184	399	498	834	777	718	718	682	483	484	553	847	870	869	960	957	686	230	221	160	172	471	736	638	654	325	283	376	354	169		
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	0	0	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	CUFK	14	13	13	14	13	14	15	14	15	14	13	14	13	14	12	12	13	14	13	13	13	13	14	13	13	13	14	16	14	13	13	14	13	13	14	13	14	13	14	13	13	13	14	13	14	12	14	14		
Total Co-Gen		14	13	13	14	13	14	15	14	15	14	13	14	13	14	12	12	13	14	13	13	13	13	14	13	13	13	14	16	14	13	13	14	13	13	14	13	14	13	14	13	13	13	14	13	14	12	14	14		
Total Gen		13421	13154	12833	12590	12271	12131	11921	11814	11638	11572	11478	11513	11674	11890	11724	11799	12323	13374	14074	14635	15019	15614	15889	16019	15858	15571	15607	15807	16032	16430	16464	16426	16551	16533	16127	15546	15057	14677	14781	15686	15967	15853	15814	15714	15435	15212	14864	14550		
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	
TIE-HVDC		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	
TIE-PLTC		-26	-35	-28	-9	-1	-15	-22	-2	-60	18	-22	1	11	4	4	66	4	-34	-41	-32	-61	-59	-23	-25	-6	-44	-6	-12	-16	-7	-52	-34	-69	-2	-36	-11	36	44	5	3	4	33	-25	-39	28	-4	-1	-30		
Interconnection		5	-4	2	21	30	16	9	28	-29	48	9	32	41	35	35	97	35	-3	-10	-1	-30	-29	8	6	25	-13	25	18	15	24	-21	-4	-39	28	-5	20	67	75	35	33	35	64	6	-8	59	26	30	1		
System Total		13416	13158	12831	12569	12241	12115	11912	11786	11687	11524	11469	11481	11633	11855	11689	11702	12288	13377	14084	14636	15049	15643	15891	16013	15833	15584	15582	15789	16017	16406	16485	16430	16590	16505	16132	15526	14990	14602	14746	15633	15932	15891	15906	15722	15376	15186	14834	14549		
SRev ST-Coal		143	143	135	133	142	148	148	148	146	159	252	243	235	233	139	134	140	156	150	144	135	104	152	154	133	149	147	136	147	140	144	137	147	145	144	142	143	143	149	146	138	151	141	136	143	153	144	146		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	55	56	59	56	57	53	55	77	54	61	36	38	52	61	0	0	0	0	15	-4	-5	-6	-5	0	0	0	0	0
SRev CCGT-Gas		853	648	876	1218	1529	1664	1927	2028	2170	2271	2269	2263	2234	1851	2124	2055	1573	1066	760	834	752	563	524	341	520	861	689	507	336	324	332	370	350	341	464	358	570	888	791	187	395	315	384	260	490	558	462	589		
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	0	0	0
SRev Co-Gen		6	7	7	6	7	6	5	6	5	6	7	6	7	6	8	8	7	6	7	7	7	7	6	7	7	7	6	4	6	7	7	6	7	6	7	6	7	6	7	7	7	7	6	7	6	8	6	6		
Syncon		849	950	950	950	950	799	799	950	950	950	950	1137	986	986	1137	1137	1137	1036	935	658	809	809	809	809	809	809	809	809	489	640	640	640	850	1036	1036	1137	986	910	809	809	658	1036	849	950	1051	1051				
Hydro		274	228	143	142	140	140	239	244	110	81	153	134	112	116	276	275	132	131	113	99	101	192	348	257	257	268	242	241	172	557	447	448	357	421	223	168	177	137	276	378	239	237	372	223	266	122	143	128		
S.Reserve Total		2125	1976	2111	2449	2768	2908	3118	3225	3381	3467	3631	3596	3538	3343	3533	3458	2989	2496	2167	2120	1930	1608	1894	1624	1785	2150	1950	1750	1525	1594	1624	1662	1537	1592	1739	1897	2057	2437	2333	1628	1603	1515	1556	1656	1749	1791	1806	1920		