

Daily System Generation Summary on Tuesday

Tuesday, July 23, 2019

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,868 MW
Distillate	0 MW
Total TNB	1,868 MW
Total IPP	15,831 MW
Total Co-Gen	0 MW
Total System	20,575 MW

Generation Mix

Type	MWh	Percentage
Hydro	8,328	2.26 %
Gas	34,749	9.42 %
Total TNB	43,077	11.67 %
ST-Coal	217,868	59.03 %
LSS	2,040	0.55 %
Gas	103,016	27.91 %
Total IPP	322,924	87.50 %
Co-Gen	1,847	0.50 %
Total Co-Gen	1,847	0.50 %
Total Generation	367,848	99.67 %
PLTG	-504	-0.14 %
HVDC	-700	-0.19 %
Interconnection	-1,204	-0.33 %
Net Energy	369,052	100.00 %

Maximum Demand Record

Date: 4/18/2019	18,566 MW
Date: 4/18/2019	391,845 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,991 MW
TNB Generation	2,085 MW
IPP Generation	15,189 MW
Spinning Reserve	1,641 MW
Maximum Demand	17,425 MW
Net Energy	369,052 MWH
Load Factor	88.25 %

Fuel Cost

Total Cost:	67,273,175.65 RM
Cost per Unit	18.28 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	465
Hydro	393
Syncon	627
Thermal	211
Total	1,696

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmcsfd)
GLGR	27
PAKA	3
PGPS	2
TJGS	206
Total TNB	238
KLPP	7
MPSS	30
NPRI	143
PGLA	106
PLPS	68
PTEK	5
SGRI	153
SKSP	48
YPKA	72
Total IPP	634
Total Gas	871

Total Gas Required 871

Alternate Fuel Usage

Station	(mmcsfd)
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	14803	14167	13645	13178	12951	12826	13124	13135	13546	15290	16188	16729	16619	16368	16967	17366	17425	17019	15901	15586	16799	16782	16292	15909

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, July 31, 2019 3:40:03 PM
(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Tuesday

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																									
JMAH	U001	552	531	529	530	538	530	530	529	530	530	568	659	696	692	693	693	692	694	693	696	684	682	678	685	683	679	681	680	679	682	683	682	683	681	686	681	681	683	683	683	684	694	689	694	692	694	692		
JMAH	U002	555	531	532	533	532	533	533	534	533	532	597	646	694	694	695	695	689	695	699	698	699	684	684	684	683	684	683	684	685	683	684	682	682	684	682	684	684	686	684	684	681	684	696	696	702	694	696	691	
JMHE	U002	763	762	759	762	764	763	764	765	765	763	762	763	763	762	764	763	761	763	762	1009	1008	1012	1011	1011	1012	1009	1009	1004	1011	1007	1011	1010	1008	1008	1011	1009	1011	1011	1011	1010	813	762	761	761	762	760	760		
JMJG	U001	666	667	667	667	662	667	585	541	581	643	673	670	666	671	667	674	671	683	668	678	669	660	666	671	666	663	667	669	665	671	663	668	666	667	665	663	667	667	664	667	668	662	676	668	667	666	669	670	
JMJG	U003	657	658	662	665	660	657	657	660	657	657	658	657	657	660	655	662	657	658	656	657	659	662	658	660	657	658	658	658	657	659	656	657	658	658	655	660	657	657	657	659	659	657	663	671	671	667	671	668	
JMJG	U004	982	952	838	804	804	803	804	804	806	805	801	804	805	804	804	804	826	981	980	982	979	981	981	979	980	980	981	982	980	980	979	981	978	981	981	979	979	979	979	979	980	980	981	979	979	979			
JMJG	U005	978	946	801	801	801	799	801	801	801	800	796	745	801	801	800	800	917	981	976	975	975	975	976	976	977	977	977	977	980	974	977	977	975	977	977	978	977	977	977	977	977	977	978	976	977	978	976	977	
PKLG	U003	282	282	282	281	282	280	281	282	280	283	280	283	282	282	280	282	280	282	281	282	283	280	280	282	282	282	283	282	280	281	279	281	271	281	280	280	281	281	279	275	279	282	280	282	280	286	284		
PKLG	U005	468	469	468	468	471	470	469	470	468	473	470	472	468	472	468	470	466	470	471	470	469	471	467	470	468	471	470	468	470	470	469	472	469	468	470	467	470	470	470	470	467	471	471	470	470	469	469		
TBIN	U001	689	690	691	691	691	692	692	691	692	694	688	691	692	690	694	692	690	691	690	692	685	682	682	680	683	679	680	680	681	676	680	679	680	680	680	681	680	683	679	680	680	680	691	690	691	686	690	691	
TBIN	U002	694	690	693	692	691	694	693	691	693	694	691	691	692	691	691	695	692	692	692	693	692	684	681	682	684	682	683	684	682	682	684	681	683	683	683	684	684	681	682	685	683	680	694	690	694	693	693	692	
TBIN	U003	705	693	691	691	689	692	691	702	692	690	692	690	692	694	686	696	693	686	692	687	693	683	678	678	676	674	680	678	676	678	679	676	676	679	678	678	679	677	678	679	678	678	692	693	693	692	692	692	
TBIN	U004	982	956	871	803	803	804	803	802	804	800	802	804	802	802	805	804	810	900	981	982	982	982	981	982	982	983	984	983	982	982	983	982	983	982	982	982	982	982	983	983	983	983	983	982	981	983	983	982	982
Total ST-Coal		8973	8827	8484	8388	8388	8384	8303	8272	8302	8364	8478	8575	8710	8715	8700	8731	8729	9108	9249	9251	9490	9437	9431	9428	9435	9425	9434	9438	9419	9431	9422	9426	9425	9424	9422	9433	9430	9429	9426	9437	9426	9224	9261	9248	9264	9242	9258	9247	
Total ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total 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	
GLGR	GT02	95	95	95	95	95	95	95	96	95	95	95	96	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	105	105	105	105	104	105	106	105	95	95	95	95	95	95	95	95	95	95	96	94	95	
GLGR	ST1C	40	40	40	40	40	41	40	40	39	39	39	39	39	39	39	39	39	39	39	39	40	40	39	39	39	39	39	39	43	45	45	45	45	45	45	45	40	40	40	40	40	40	40	40	40	40	40		
KLPP	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	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	ST17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MPSS	GT01	86	87	89	89	89	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	81	86	107	88	88	100	103	103	102	103	102	103	102	103	102	76	68	68	80	100	100	99	91	106	90	87		
MPSS	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	0	0	0	62	101	102	102	103	103	104	102	102	80	71	70	81	101	100	101	100	92	33	0	0	
MPSS	ST01	36	36	37	36	36	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	36	35	79	109	110	110	111	111	110	86	67	67	68	105	105	105	106	104	74	41	39
NPRI	BLK1	502	505	508	505	505	504	502	504	418	418	416	419	418	419	419	416	506	505	506	506	501	506	505	505	497	505	505	506	499	502	506	505	505	505	505	502	499	500	502	505	505	505	505	506	506	503	506	505	506
NPRI	BLK2	503	506	508	508	506	507	503	506	418	416	416	419	417	418	419	415	507	508	507	507	502	507	507	508	500	507	507	506	500	503	506	505	507	505	503	499	501	503	506	506	507	506	507	506	502	507	505	509	
PAKA	GT4A	84	84	85	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PAKA	GT4B	75	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PAKA	ST4C	82	40	38	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PCGP	PGRG	601	600	605	602	603	602	599	602	603	403	401	402	401	402	400	401	602	604	603	603	601	602	601	602	599	602	603	603	598	600	602	603	603	600	600	599	598	601	603	603	604	603	605	602	600	603	602	602	
PGLA	GT11	195	201	212	197	187	200	182	168	177	193	175	169	168	214	173	166	176	216	195	213	203	205	211	210	178	211	212	208	206	207	216	212	216	211	203	188	185	165	187	213	210	215	211	211	198	213	217	212	
PGLA	GT12	200	207	218	203	193	206	187	174	183	198	181	174	173	221	178	171	180	220	202	218	208	210	219	216	181	217	216	216	210	212	220	217	220	216	209	193	188	171	193	220	216	220	217	203	218	221	219		
PGLA	ST10	234	216	238	221	222	230	228	209	213	213	205	208	208	237	213	208	213	239	222	239	232	234	234	236	225	236	231	238	236	237	240	238	240																

Daily MW Generation on Tuesday

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																												
TJGS	GT1A	221	223	222	225	222	221	225	223	224	222	203	196	234	231	228	208	198	224	222	222	224	225	224	221	222	222	223	223	220	220	221	199	205	224	226	227	224	224	224	224	227	228										
TJGS	GT1B	216	210	215	212	213	213	213	216	213	196	189	189	214	223	217	195	187	217	217	214	215	212	214	212	211	216	212	214	211	210	212	215	210	213	213	212	214	190	196	216	217	220	214	215	214	219	216	219				
TJGS	ST1C	240	240	240	240	240	240	240	240	240	221	217	240	246	242	204	193	243	240	240	240	240	240	240	240	243	243	243	243	243	243	243	240	217	224	247	247	247	247	247	247	247	247	243	243								
TJGS	GT2A	189	189	189	191	193	145	148	146	146	146	146	146	146	147	146	146	146	194	194	199	199	197	197	197	197	197	197	200	200	200	197	197	197	200	197	204	204	212	215	211	195	194	219	218	218	217	217	216	218	218		
TJGS	GT2B	197	198	195	195	193	143	143	144	144	144	144	144	143	144	144	143	144	189	192	197	194	195	196	196	200	198	198	196	196	196	196	203	203	203	203	203	208	195	190	208	205	208	207	205	208	205	208	208				
TJGS	ST2C	246	246	246	246	246	211	211	211	211	211	211	211	211	211	211	211	245	245	248	248	248	248	248	250	250	250	250	250	250	250	253	253	255	258	258	257	239	260	260	260	260	260	260	260	260	260	260					
YPKA	GT11	123	125	125	66	65	66	65	65	66	66	66	66	66	66	66	66	96	127	127	126	127	127	126	125	126	125	127	125	126	127	126	126	125	66	66	66	66	128	128	128	128	127	126	128	127	127	127					
YPKA	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	136	128	129	127	128	128	129	127	128	128	127	127	128	128	128	128	127	66	67	66	133	131	132	131	131	130	131	131	131	18						
YPKA	ST10	52	54	54	37	34	34	34	33	34	34	34	34	34	34	105	122	124	124	126	126	127	126	127	127	127	127	126	127	126	127	126	126	124	82	81	80	123	125	125	124	125	124	124	111	54							
YPKA	GT21	65	65	65	65	65	65	65	65	65	65	64	65	64	65	96	124	125	126	123	65	65	65	124	124	125	125	125	125	125	125	124	65	65	65	113	125	126	125	125	72	65	65	65									
YPKA	ST20	37	37	38	38	38	38	37	37	38	38	37	37	37	37	37	44	57	59	58	59	59	59	59	59	40	39	39	59	59	60	60	60	60	59	58	38	37	37	50	58	58	57	57	42	38	37	37					
Total CCGT-Gas		5425	5273	5296	5125	4934	4754	4586	4504	4371	4236	4080	4054	4132	4373	4166	4049	4472	5201	5633	5897	5934	6205	6416	6405	6336	6277	6210	6463	6629	6745	6792	6792	6850	6801	6591	6467	5952	5678	5803	6540	6678	6937	6779	6829	6576	6435	6180	5846				
PTEK	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	104	102	102	89	69	0	0	0	0	0	0	0	0	0	0						
PTEK	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	98	90	70	0	0	0	0	0	0	0	0	0	0							
Total 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	0	0	0	0	0	0	21	104	208	200	179	139	0	0	0	0	0	0	0	0	0	0						
BSIA	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	0	0	0	0	0	0	0	0	0	0						
BSIA	HY02	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	13	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	23	23	23	23	23	23	23	23	0			
CEND	HY01	7	7	8	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8					
CEND	HY03	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8					
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
HTRG	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						
HTRG	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						
KNRG	HY02	23	23	24	24	24	24	23	23	23	24	24	24	23	24	24	23	24	23	24	23	23	24	24	23	23	23	23	23	23	23	23	24	23	24	23	23	23	23	24	24	38	38	38	38	38	38	38	38				
KNYR	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	0	0	0	0	0	0	0	0	60	59	60	59	56	57	56	0	0	0	0	60	60	60	0	0	0	0		
KNYR	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	0	0	0	0	0	0	0	60	60	60	59	55	57	57	58	0	0	0	61	62	61	0	0	0	0			
KNYR	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						
KNYR	HY04	60	71	100	100	80	76	60	60	60	84	63	60	61	66	66	65	65	60	58	61	59	59	59	58	57	57	59	59	59	59	59	59	59	59	59	57	57	58	57	58	59	59	59	59	59	57	58	59				
LPJA	HY02	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	27	27	27	27	27	27	27	27	20	20	27	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16						
MNOR	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	5	5	7	7	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6					
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	0	0	0	0	0	0	0	0	31	32	32	32	32	32	32	0	0	0	0	0	30	49	49	31	31	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	0	0	0	0	0	0	0	0	15	32	32	32	32	32	32	0	0	0	0	0	30	50	50	30	30	0	0	0
SIHY	HY03	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32			
SYPS	HY01	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	16	16	16	16	16	16	25	25	25	25	17	25	25	25	25	25				
SYPS	HY03	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	16	16	16	16	16	16	25	25	25	25	17	25	25	25	25	25				
SYPS	HY04	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	16	16	16	16	16	16	25													

Daily MW Generation on Tuesday

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																								
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	14	16	27	33	36	40	43	32	34	11	28	41	41	39	18	35	25	21	13	6	3	0	0	0	0	0	0	0	0				
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	13	18	24	29	33	35	37	37	40	38	40	41	29	29	26	30	24	15	12	6	2	0	0	0	0	0	0	0	0	0			
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	16	22	27	32	36	38	38	40	41	36	43	41	40	34	27	8	16	6	6	3	1	0	0	0	0	0	0	0	0			
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	3	11	16	27	33	39	20	34	45	50	49	50	47	46	42	36	29	6	4	3	1	0	0	0	0	0	0	0	0	0			
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	14	19	20	27	31	27	35	38	36	24	35	25	22	24	20	32	9	9	9	5	2	0	0	0	0	0	0	0	0			
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	4	25	56	81	126	164	228	246	264	255	258	279	243	300	290	255	233	199	203	153	93	62	39	20	8	0	0	0	0	0	0	0	0		
PCUF	CUFG	36	38	39	38	38	39	39	38	40	39	40	38	39	38	37	38	38	38	38	38	39	38	38	37	37	37	37	35	35	36	36	36	37	37	36	37	39	38	39	38	38	37	37	38	38	37		
PCUF	CUFK	40	38	39	39	38	38	39	39	40	38	37	40	40	39	40	38	39	40	40	40	39	40	38	39	39	39	40	39	40	38	40	41	39	39	40	40	39	40	40	40	39	40	39	40	40	40		
Total Co-Gen		76	76	78	77	76	77	78	77	80	77	77	78	79	78	79	76	77	75	76	77	78	78	77	79	76	77	76	76	77	74	75	74	76	77	76	76	76	77	78	78	79	78	77	77	76	78	78	77
Total Gen		14769	14407	14069	13800	13588	13401	13136	13022	12871	12808	12877	13091	13342	13121	13034	13480	14603	15212	15658	16096	16384	16707	16814	16609	16305	16265	16489	16858	17165	17259	17335	17350	17302	17004	16484	15881	15469	15575	16397	16760	16834	16754	16545	16275	16051	15831	15486	
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			
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-30	-30	-29	-30	-30	-29	-30	-29	-29	-29	-29	-29	-30	-30	-30	-30	-30	-30	-30	-30	-30	-28	-28	-29	-29	-30	-30	-29	-30			
TIE-PLTG		-5	-5	-69	-29	-28	-13	-13	13	0	5	11	2	-3	16	15	50	-37	7	-50	-56	-63	-21	7	1	19	-27	-73	-84	-80	-79	-78	-58	-46	-28	15	-4	9	-14	18	-20	-11	-23	1	-37	12	-82	-49	-26
Interconnection		-34	-35	-98	-58	-57	-42	-42	-16	-29	-24	-18	-28	-33	-13	-14	22	-66	-21	-78	-85	-92	-51	-22	-28	-10	-57	-103	-112	-109	-108	-107	-86	-75	-57	-15	-34	-20	-44	-11	-49	-39	-52	-28	-67	-17	-111	-78	-56
System Total		14803	14442	14167	13858	13645	13443	13178	13038	12951	12895	12826	12905	13124	13355	13135	13012	13546	14624	15290	15743	16188	16435	16729	16842	16619	16362	16368	16601	16967	17273	17366	17421	17425	17359	17019	16518	15901	15513	15586	16446	16799	16886	16782	16612	16292	16162	15909	15542
SRev ST-Coal		261	362	524	521	528	523	570	556	568	540	531	475	397	391	406	388	416	312	171	169	150	223	229	232	225	235	226	222	231	219	228	224	225	226	228	217	220	221	224	213	224	308	175	188	135	157	141	152
SRev 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	0	0	0	88	5	10	18	39	79	0	0	0	0	0	0	0	0	0	0	0	0			
SRev CCGT-Gas		805	957	857	1018	1029	1071	1078	944	1077	1212	1402	1428	1350	1109	1316	1495	1137	756	400	498	535	446	378	462	636	695	878	680	479	363	316	316	278	327	537	671	1196	1470	1370	653	533	288	488	532	785	783	588	782
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		
SRev LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		-16	-16	-18	-17	-16	-17	-18	-17	-20	-17	-17	-18	-19	-18	-19	-16	-17	-15	-16	-17	-18	-17	-19	-16	-17	-16	-16	-17	-14	-15	-14	-16	-17	-16	-16	-17	-18	-18	-19	-18	-17	-17	-16	-18	-18	-17		
Syncon		813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	540	439	439	439	439	626	813	813	813	813	626	626	626	626	626	626	813	813	813	813	712	727	727	727	813	813	813	813	813	
Hydro		140	129	99	100	120	124	141	141	141	116	137	140	140	134	134	136	133	139	129	268	442	436	485	459	353	220	222	219	392	506	499	508	510	492	487	297	251	181	179	194	408	365	348	221	168	131	112	111
S.Reserve Total		2003	2245	2275	2435	2474	2514	2584	2437	2579	2664	2866	2838	2681	2429	2650	2816	2482	2005	1497	1458	1548	1526	1514	1573	1824	1946	2123	1918	1711	1788	1659	1670	1641	1693	1941	1982	2464	2668	2568	1754	1873	1670	1721	1737	1885	1866	1636	1841