

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,206 MW
Distillate	0 MW
Total TNB	2,206 MW
Total IPP	18,148 MW
Total Co-Gen	0 MW
Total System	23,996 MW

Generation Mix

Type	MWh	Percentage
Hydro	17,884	4.60 %
Gas	51,810	13.32 %
Total TNB	69,694	17.92 %
ST-Coal	232,713	59.83 %
LSS	7,307	1.88 %
Gas	79,796	20.51 %
Total IPP	319,816	82.22 %
Co-Gen	298	0.08 %
Total Co-Gen	298	0.08 %
Total Generation	389,808	100.22 %
PLTG	269	0.07 %
HVDC	573	0.15 %
Interconnection	842	0.22 %
Net Energy	388,966	100.00 %

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	19,569 MW
TNB Generation	3,894 MW
IPP Generation	14,792 MW
Spinning Reserve	891 MW
Maximum Demand	18,642 MW
Net Energy	388,966 MWH
Load Factor	86.94 %

Fuel Cost

Total Cost:	83,556,098.68 RM
Cost per Unit	21.41 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	496
Hydro	403
Syncon	419
Thermal	267
Total	1,585

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

Gas Usage

Station	(mmcsfd)
GLGR	36
SRDG	6
TJGS	95
Total TNB	137
CBPS	49
EMPP	206
NPRI	150
PCGP	89
SKSP	13
SPGP	205
Total IPP	711
Total Gas	848
Total Gas Required	848

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	15824	14984	14500	14037	13730	13437	13842	13857	14016	15678	16574	17104	17030	16868	17947	18288	18642	18115	16999	16725	17859	17909	17418	17062

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, August 22, 2023 12:35:17 PM Head
Grid System Operator

Daily MW Generation on Wednesday

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	266	218	215	216	216	216	215	215	216	213	215	216	214	215	216	296	357	510	606	604	697	695	696	695	695	695	696	695	696	696	694	694	696	696	694	694	696	696	694	697	696	694	697	696	694	697	696	695	
JMAH	U002	238	215	217	214	216	216	215	215	216	216	215	216	215	215	296	354	510	607	602	693	696	694	694	693	697	693	696	694	695	694	695	703	695	695	695	694	696	695	695	695	695	695	694	697	694	693	702		
JMHE	U001	976	976	900	802	801	750	747	749	751	751	747	747	751	749	748	750	755	899	921	976	978	975	977	975	974	974	976	976	978	977	975	975	977	978	975	975	974	973	975	976	975	976	971	976					
JMHE	U002	976	978	901	800	801	753	748	752	751	753	746	749	751	750	747	750	755	902	918	977	978	979	981	977	977	980	979	982	980	980	978	981	975	970	974	972	973	975	974	978	977	975	973	976					
JMJG	U001	694	683	683	655	655	673	673	672	672	668	667	667	678	678	678	660	660	675	671	672	672	673	673	667	668	669	669	672	672	674	674	673	672	673	670	673	676	671	671	675	675	673	673	668	668	674			
JMJG	U002	672	671	671	670	670	672	672	671	671	669	594	594	671	671	671	673	673	673	674	681	681	672	672	673	675	675	675	677	677	675	675	673	676	673	673	678	676	677	678	677	677	677	677	673	675	682	682	673	
JMJG	U003	667	668	668	673	673	667	667	665	665	662	666	666	666	680	680	680	659	659	671	671	667	667	668	668	668	662	666	666	668	668	673	673	666	671	666	670	667	668	662	666	663	663	668	668	657	671	671	671	666
JMJG	U004	977	977	976	977	977	952	899	897	896	900	900	899	900	900	900	902	902	901	898	967	979	972	974	974	973	973	976	974	980	975	980	974	977	972	976	982	980	978	982	977	980	980	979	978	979	976	985		
JMJG	U005	983	979	982	977	985	920	900	899	900	899	901	900	900	902	902	902	902	900	978	980	978	982	977	981	978	979	982	981	977	983	982	978	979	980	979	981	980	979	980	976	978	982	982	978	981	977	979		
PKLG	U004	147	146	148	148	148	140	146	147	148	152	156	143	144	145	147	144	146	147	142	208	272	276	275	274	273	279	277	276	276	277	274	279	274	277	276	278	279	279	276	274	279	281	276	277	276	275			
PKLG	U005	269	267	269	268	269	270	270	267	269	268	269	268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TBIN	U001	602	466	400	353	297	299	301	236	208	211	208	211	293	355	349	349	486	665	692	691	692	691	690	693	693	692	691	690	694	690	690	688	691	691	692	689	690	691	690	692	690	689	693	692	692	686	690	692	
TBIN	U002	601	453	401	351	325	292	299	240	209	211	210	211	298	356	351	351	471	671	689	688	689	688	689	688	686	688	688	689	690	689	686	709	687	688	687	690	690	689	689	689	688	687	688	687	690	688	689		
TBIN	U003	596	464	402	347	300	298	300	209	211	210	209	210	307	353	349	350	466	630	689	686	685	688	688	686	687	684	686	689	686	687	685	685	686	687	688	683	686	687	687	689	686	687	688	685	686	687	685	687	
TBIN	U004	983	983	983	984	983	946	904	903	906	905	904	903	901	902	905	902	902	902	918	982	984	984	982	981	983	983	984	982	981	982	982	982	982	982	983	984	984	984	983	981	985	983	981	982	981	982	981		
Total ST-Coal		9647	9144	8816	8435	8316	8072	7958	7737	7687	7692	7604	7599	7706	7869	7855	7826	8367	9348	9807	10325	10333	10566	10637	10629	10623	10621	10634	10646	10753	10650	10648	10635	10660	10645	10626	10631	10647	10641	10639	10645	10630	10637	10648	10634	10645	10641	10628	10650	
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			
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			
CBPS	BLK2	360	361	360	361	362	359	360	361	360	360	359	360	360	361	360	261	222	221	222	222	222	222	222	222	222	222	222	222	293	328	292	353	352	353	357	357	221	222	221	359	360	359	360	360	361	360	358		
EMPP	BLK1	704	709	705	712	694	704	708	710	700	705	680	683	703	706	684	706	710	710	710	565	712	704	710	709	699	679	641	711	715	717	712	709	710	710	701	701	708	709	710	711	708	711	702	711	710	709	686	687	
EMPP	BLK2	703	709	705	712	693	701	707	710	701	707	680	681	711	710	683	709	709	710	711	565	710	709	710	708	703	680	639	711	715	716	712	711	709	710	701	700	707	709	710	709	709	711	703	710	710	707	686	686	
GLGR	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	0	0	0	0	0	0	0	0	26	45	75	107	65	65	66	67	103	103	102	103	76	65	65	
GLGR	GT02	95	95	95	96	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	100	100	110	65	65	66	105	103	103	103	76	66	66		
GLGR	ST1C	42	42	42	42	43	42	42	42	42	42	41	42	41	42	41	42	41	42	41	41	41	41	41	41	41	41	41	41	41	41	41	41	40	42	38	89	76	71	72	71	91	94	93	93	82	71	70	71	
NPRI	BLK1	506	511	506	511	506	509	505	512	509	511	499	499	511	511	502	512	407	326	325	329	334	344	385	399	330	322	341	496	505	506	508	506	508	506	509	509	428	320	378	515	514	519	515	515	517	514	507	509	
NPRI	BLK2	517	521	518	523	517	521	514	522	519	521	509	509	521	521	513	523	433	331	329	333	358	364	437	433	349	326	349	476	528	526	527	527	529	530	520	520	524	327	473	526	524	528	527	525	526	525	518	520	
PCGP	PGRG	597	603	598	603	593	596	592	601	600	601	578	579	601	600	583	602	600	600	598	603	606	602	600	604	601	593	605	612	613	614	597	622	602	599	579	581	599	594	604	602	598	609	600	602	602	599	583	587	
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	73	80	133	342	218	223	336	334	335	336	219	282	217	219	
SPGP	BLK1	713	713	718	719	718	717	720	722	720	722	722	720	721	720	720	720	716	711	703	702	695	697	698	690	692	685	683	683	688	684	436	362	360	362	616	683	700	706	707	708	706	706	709	708	708	710	712		
SPGP	BLK2	718	724	724	725	718	721	719	729	727	725	714	710	727	730	711	728	727	724	719	716	718	715	717	715	714	707	708	708	708	712	708	713	707	716	703	703	714	712	722	717	718	717	719	719	722	723	708	710	
TJGS	GT1A	222	223	223	221	220	222	222	223	222	193	225	218	221	221	217	158	123	123	123	121	122	123	123	123	124	123	125	122	177	222	220	223	219	220	217	161	122	120	122	178	220	222	222	221	220	220	214	120	
TJGS	GT1B	213	214	217	213	214	214	217	214	214	187	216	209	214	212	208	149	115	115	115	116	117	116	116	112	119	117	116	115	168	211																			

Daily MW Generation on Wednesday

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	
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	36	36	36	36	23	23	23	23
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	23	37	37	37	37	23	23	23	23
KNRG	HY03	39	39	39	39	39	39	39	39	39	22	22	22	22	22	22	22	22	38	38	38	38	21	21	21	21
KNYR	HY01	96	96	96	96	96	58	58	57	57	-1	-1	-1	-1	96	96	96	96	96	96	96	96	96	96	96	96
KNYR	HY02	60	93	60	73	60	78	60	97	59	62	57	56	60	64	58	70	80	65	62	96	96	96	87	94	96
KNYR	HY03	92	92	91	90	89	56	55	54	54	52	53	52	89	90	90	90	91	91	90	89	88	88	87	87	87
KNYR	HY04	97	97	97	97	98	59	59	58	-1	-1	-1	-1	98	98	98	97	98	97	97	97	97	97	97	97	97
LPIA	HY01	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	25	25	25	25	25	25	25	23	16	16
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	23	22	22	22	21	-1
PGAU	HY02	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	24	111	113	113	-1	-1
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	23	22	22	0	0
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	31	51	30	30	30	50
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	50	30	30	0	50
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	50	30	30	0	50
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	16	16	0	23
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	17	17	17	17
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	25	17	17	17	17
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31	31	81	81	81	82	-1
TMGR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	87	87	87	85	33
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	79	79	77	30	32
TMGR	HY04	43	42	41	43	41	53	40	41	40	41	38	38	41	41	41	59	44	42	78	84	84	84	84	83	68
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95	93	89	183	182	182	85
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	96	91	187	185	186	177	-1
UPIA	HY01	5	5	6	5	6	6	5	5	5	6	5	6	6	6	6	7	7	7	7	6	5	5	0	0	0
UPIA	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
Total Hydro		561	614	560	573	579	479	445	481	383	328	320	299	444	449	462	454	466	560	574	589	608	592	580	622	629
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
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	9	13	16	19	21	23	25	18	26	27
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	1	4	10	14	18	21	23	19	25	28	33	32	24
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	3	6	11	15	19	22	25	27	29	27	32	32	12
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	8	15	20	25	30	34	25	23	28	25	28	14
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	15	20	25	31	30	34	31	18	29	36
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	11	15	18	13	21	25	26	25	29	19
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	8	14	19	25	31	35	38	41	45	38	47	48
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	12	17	21	25	28	29	30	28	28	26
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	18	24	29	39	39	13	44	40	11	50
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	7	17	31	42	53	66	72	79	83	87	79	91	90
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	8	14	21	26	31	34	37	39	41	42	42	42
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8	12	17	21	24	27	28	30	30	16	7
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	1	10	24	39	55	68	79	87	94	100	97	101	100
KRLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	3	7	12	17	21	24	28	27	30	30	30	29	30
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	1	6	15	24	28	30	29	30	30	29	29	29	28
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	18	24	30	34	39	42	29	32	20	46
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	6	27	55	69	78	83	88	90	91	85	94	73	97
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	11	26	41	57	72	77	82	105	90	106	107	107	85
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	1	4	10	18	26	32	38	43	47	50	46	20	28

Daily MW Generation on Wednesday

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		
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	19	26	27	36	45	47	39	19	30	38	54	52	49	51	8	6	12	10	8	5	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	0	0	1	1	6	13	16	26	31	35	38	40	42	42	44	43	26	14	9	17	27	15	11	12	5	0	0	0	0	0	0	0	0	0	0	
STLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	10	14	18	21	12	11	24	15	15	11	25	23	25	23	20	17	13	3	0	0	0	0	0	0	0	0	0	0	0	0	
TBLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	12	19	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	26	19	12	5	1	0	0	0	0	0	0	0	0	0	
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	123	278	450	601	729	836	907	938	970	955	888	1012	1003	901	935	843	722	575	360	302	163	82	32	1	0	0	0	0	0	0	0	0	0
ESTL	ESTL	12	12	13	12	8	11	12	5	2	0	9	10	8	12	12	12	13	10	0	4	10	7	0	0	6	8	6	7	11	0	8	4	2	0	5	8	0	0	8	8	13	8	15	16	10	7	8	12	
KHTC	BLK1	-11	-11	-11	-10	-7	-8	-8	-8	-7	-8	-8	-8	-9	-9	-8	-11	-15	-19	-18	-23	-27	-28	-32	-30	-35	-33	-37	-40	-40	-41	-46	-37	-33	-33	-32	-34	-31	-30	-27	-23	-25	-23	-22	-23	-22	-24	-21		
PCUF	CUFG	26	17	17	19	16	16	16	16	17	18	16	16	18	17	17	17	17	16	17	17	16	16	17	16	16	16	16	17	16	17	17	18	17	16	16	16	24	24	23	23	24	24	23	23	23	23			
PCUF	CUFK	1	3	3	3	2	2	1	1	4	3	2	2	4	3	3	3	3	2	2	6	2	2	2	5	2	0	1	1	2	3	2	1	3	3	2	2	0	3	3	2	2	1	3	4	0	4	3	3	
PFTZ	PFTZ	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
Total Co-Gen		34	27	28	30	25	27	27	20	22	19	25	26	28	29	29	30	28	19	6	15	12	4	-4	-4	0	-5	-4	-6	-5	-14	-8	-18	-8	-7	-4	0	-12	2	11	12	21	14	25	28	16	18	16	23	
Total Gen		15882	15458	15064	14725	14542	14228	14080	13928	13750	13629	13499	13473	13852	14026	13912	13729	14052	15084	15702	16106	16586	16894	17140	17211	17075	16956	16880	17461	17928	18170	18284	18534	18678	18562	18165	17576	17027	16680	16791	17515	17897	17998	17958	17857	17487	17426	17135	16858	
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		
TIE-HVDC		29	29	30	30	31	31	30	30	31	31	29	29	30	30	31	31	31	29	30	30	30	30	31	31	30	30	30	0	0	0	0	0	0	0	0	0	0	0	31	31	29	29	29	29	31	31	32	31	29
TIE-PLTG		29	20	51	-12	11	19	13	13	-11	-12	33	13	-20	12	24	0	5	-9	-6	-20	-18	-7	5	-27	15	2	-18	16	-19	-23	-4	20	36	37	50	33	28	28	35	2	9	-5	20	30	38	23	42	39	
Interconnection		58	48	80	18	42	50	43	43	20	18	62	43	10	42	55	31	36	21	24	10	12	23	36	4	45	32	12	16	-19	-23	-4	20	36	37	50	33	28	59	66	31	38	24	49	61	69	55	73	69	
System Total		15824	15410	14984	14707	14500	14178	14037	13885	13730	13611	13437	13430	13842	13984	13857	13698	14016	15063	15678	16096	16574	16871	17104	17207	17030	16924	16868	17445	17947	18193	18288	18514	18642	18525	18115	17543	16999	16621	16725	17484	17859	17974	17909	17796	17418	17371	17062	16789	
SRev ST-Coal		577	591	742	769	764	876	981	986	983	991	1066	1067	920	919	920	952	952	848	695	381	364	251	229	237	243	245	232	220	223	216	218	231	206	221	240	235	219	225	227	221	236	229	218	232	221	225	238	216	
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	0	0	0	0	0	49	4	11	73	37	0	0	0	0	0	0	0	0	0	0		
SRev CCGT-Gas		189	156	169	142	207	179	179	139	171	239	279	280	155	150	263	429	761	950	964	1253	925	933	809	803	976	1066	1096	671	381	203	269	109	210	231	278	349	1007	1098	987	519	176	154	187	165	343	320	488	747	
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 Co-Gen		-1	-1	0	0	0	0	0	1	-1	0	-1	0	2	-2	0	0	0	0	1	0	1	2	0	0	-3	0	0	0	0	0	0	-1	0	0	0	2	-1	0	2	1	0	0	0	0	0	-3	0	0	
Syncon		764	613	764	764	613	764	764	865	966	966	966	966	865	865	714	865	865	764	613	764	764	764	764	764	764	764	764	613	577	302	302	0	0	0	613	764	764	764	577	302	302	302	390	577	426	764			
Hydro		198	296	199	186	331	280	314	278	275	229	237	258	214	209	347	204	192	199	336	170	151	167	179	137	130	137	130	259	217	666	757	534	426	498	664	622	357	364	321	345	574	495	532	594	444	288	547	256	
S.Reserve Total		1727	1655	1874	1861	1915	2099	2238	2168	2293	2425	2547	2571	2156	2141	2244	2450	2770	2761	2609	2568	2205	2117	1981	1941	2110	2236	2246	1787	1398	1387	1545	874	891	954	1195	1891	2384	2453	2300	1662	1288	1180	1239	1293	1398	1407	1699	1983	