

Daily System Generation Summary on Friday

Friday, July 28, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,955 MW
Distillate	0 MW
Total TNB	1,955 MW
Total IPP	18,637 MW
Total Co-Gen	0 MW
Total System	24,594 MW

Generation Mix

Type	MWh	Percentage
Hydro	14,021	3.54 %
Gas	50,029	12.63 %
Total TNB	64,050	16.17 %
ST-Coal	246,768	62.30 %
LSS	5,673	1.43 %
Gas	80,423	20.30 %
Total IPP	332,864	84.03 %
Co-Gen	-276	-0.07 %
Total Co-Gen	-276	-0.07 %
Total Generation	396,638	100.13 %
PLTG	-32	-0.01 %
HVDC	553	0.14 %
Interconnection	521	0.13 %
Net Energy	396,117	100.00 %

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/10/2023	412,454 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	19,473 MW
TNB Generation	3,452 MW
IPP Generation	14,907 MW
Spinning Reserve	1,136 MW
Maximum Demand	18,336 MW
Net Energy	396,117 MWH
Load Factor	90.01 %

Fuel Cost

Total Cost:	92,879,609.24 RM
Cost per Unit	23.34 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	695
Hydro	242
Syncon	512
Thermal	222
Total	1,671

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	28

Gas Usage

Station	(mmcsfd)
GLGR	50
TJGS	101
Total TNB	151
CBPS	43
EMPP	261
NPRI	136
PCGP	80
SPGP	189
Total IPP	708
Total Gas	859

Total Gas Required 859

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	16928	16106	15481	15029	14573	14267	14280	14208	14289	15750	16668	17342	17371	16930	17286	18122	18316	18113	16953	16844	18016	18068	17606	17388

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, July 31, 2023 11:00:24 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Friday

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	694	697	696	693	694	697	696	695	696	695	696	698	697	694	693	696	696	694	697	695	696	694	694	694
JMAH	U002	695	694	696	696	696	694	692	698	694	695	687	694	695	694	699	695	698	693	698	694	697	693	700	693
JMHE	U001	852	852	851	908	978	972	977	977	977	974	902	901	900	900	899	904	903	974	976	976	974	972	976	975
JMHE	U002	973	974	973	974	972	970	977	974	971	970	933	898	900	898	898	900	960	972	974	978	974	972	971	972
JMJG	U002	536	468	415	413	416	422	423	420	421	485	553	578	612	636	661	675	680	671	686	678	682	679	677	680
JMJG	U003	667	667	672	663	668	673	665	668	666	672	679	604	603	524	432	371	375	369	361	347	281	300	295	279
JMJG	U004	974	972	975	972	971	970	976	973	970	972	925	905	905	906	906	905	967	988	983	982	983	983	988	982
JMJG	U005	977	978	981	977	979	977	976	978	977	981	896	900	906	904	897	903	902	977	977	977	973	974	977	978
PKLG	U003	277	277	277	277	277	277	277	277	277	211	229	236	236	236	236	250	280	280	280	280	261	275	276	277
PKLG	U004	276	276	276	276	276	276	276	276	276	267	246	248	248	248	249	280	280	280	280	280	268	276	278	279
PKLG	U005	467	467	467	467	467	467	450	415	370	309	269	269	269	269	350	400	469	469	469	467	464	478	467	478
TBIN	U001	692	691	690	690	690	690	689	690	689	692	692	650	676	688	688	689	690	684	690	689	692	687	688	689
TBIN	U002	688	688	687	687	688	689	688	684	687	687	691	689	650	668	691	677	689	690	691	692	689	692	689	689
TBIN	U003	685	686	687	686	686	686	685	684	686	686	688	683	651	669	686	672	687	686	685	686	688	688	685	689
TBIN	U004	980	980	980	980	980	980	980	980	980	900	900	900	900	900	900	900	980	980	980	980	980	980	980	980
Total ST-Coal		10433	10367	10323	10359	10438	10440	10445	10423	10385	10403	10023	9959	9822	9903	9900	9802	9770	10239	10358	10414	10399	10326	10348	10305
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
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
CBPS	BLK2	255	221	221	222	221	221	222	222	222	222	222	222	221	222	221	221	221	220	221	221	249	353	354	355
EMPP	BLK1	710	630	554	482	404	407	384	360	403	380	411	391	420	414	405	401	424	410	402	410	460	411	459	590
EMPP	BLK2	709	630	551	480	404	406	382	360	404	381	412	389	417	414	405	401	415	409	401	411	413	611	709	688
EMPP	BLK3	710	628	560	481	404	406	382	360	404	381	412	391	418	414	406	401	416	409	402	410	411	709	688	675
GLGR	GT01	66	65	66	67	66	65	66	66	66	66	67	65	67	65	66	65	67	66	65	67	66	65	64	65
GLGR	GT02	65	66	66	66	66	66	66	67	67	66	66	66	66	66	66	66	66	65	65	65	66	66	65	65
GLGR	ST1C	78	71	71	71	70	69	70	70	70	70	70	70	70	70	71	70	71	71	71	71	71	70	71	92
NPRI	BLK1	362	332	329	332	320	326	304	288	322	302	335	310	332	331	323	320	334	331	516	526	523	523	517	510
NPRI	BLK2	347	326	325	326	313	320	299	281	316	297	331	305	327	327	317	313	331	358	516	524	526	524	525	516
PCGP	PGRG	603	604	598	603	480	389	380	378	379	378	402	376	404	401	384	379	407	396	385	400	603	602	603	587
SPGP	BLK1	712	683	684	683	683	587	586	362	360	360	438	437	437	440	437	588	585	707	709	701	698	704	698	700
SPGP	BLK2	723	685	684	686	675	582	560	539	364	362	362	417	443	441	433	423	445	537	527	717	722	717	716	
TJGS	GT1A	123	135	136	137	129	135	123	113	134	119	134	123	134	138	136	128	137	138	137	134	137	135	135	135
TJGS	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
TJGS	ST1C	73	79	79	79	79	79	72	70	79	74	80	77	79	79	79	79	78	79	78	79	79	79	78	79
TJGS	GT2B	161	162	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161
TJGS	ST2C	94	94	95	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
Total CCGT-Gas		5791	5411	5180	4970	4569	4313	4151	4015	3847	3713	3920	3895	4092	4075	4004	3961	4104	4335	4627	4996	5263	5689	5834	5887
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
BSIA	HY01	0	0	0	0	0	11	11	10	11	10	11	11	11	11	11	11	11	11	11	11	11	11	20	
BSIA	HY02	22	20	20	20	20	20	20	20	20	12	12	12	0	0	0	0	0	0	0	0	0	0	0	0
CEND	HY01	10	10	10	10	10	10	10	10	10	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6
CEND	HY02	9	9	9	9	9	9	9	9	9	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6
CEND	HY03	9	9	9	9	9	9	9	9	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HTRG	HY01	124	68	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0
HTRG	HY03	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
HTRG	HY04	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
KNRG	HY03	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21

Daily MW Generation on Friday

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			
KNYR	HY01	100	100	100	100	97	100	91	74	54	52	59	54	59	61	57	55	59	98	96	100	100	100	100	99	96	98	99	99	98	102	100	101	102	102	101	100	100	99	99	99	99	100	101	100	100	99	101	100	99	
KNYR	HY02	98	98	98	98	98	98	92	53	55	53	60	55	61	62	58	56	60	99	97	98	98	98	98	97	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98		
KNYR	HY03	93	93	92	91	90	90	86	84	55	52	58	48	56	57	53	51	55	90	91	91	91	90	90	89	88	88	89	90	91	92	93	94	94	93	93	91	91	91	90	89	89	89	90	91	91	92	93	93	94	
KNYR	HY04	102	102	102	102	100	103	94	89	56	53	-1	-1	-1	-1	-1	-1	-1	100	98	101	101	101	101	101	98	100	100	100	100	103	101	102	103	103	103	101	101	100	101	101	101	102	102	101	101	103	101	101		
LPJA	HY01	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	21	21	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19			
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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3			
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	21	16	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	21	21	-1	-1	-1	-1	-1	20	20	20	20	20	20	20		
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	21	21	21	0	0	0	0	0	0	20	20	20	0	0	0	0	
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	51	50	51	51	30	0	0	0	0	50	50	50	30	30	30	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	50	50	50	30	0	0	0	0	50	50	50	30	30	30	0	0	0		
SIHY	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	34	50	50	30	0	0	0	0	0	50	50	30	30	30	0	0	0			
SYPS	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	24	25	25	25	17	0	0	0	0	25	25	25	25	24	0	0	0			
SYPS	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	25	25	25	17	0	0	0	0	25	25	25	25	25	25	0	0	0		
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	17	0	0	0	0	25	25	25	25	25	25	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	82	83	82	33	32	-1	-1	-1	33	34	34	0	0	0	0			
TMGR	HY02	84	84	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	85	86	85	33	33	33	33	33	84	85	33	33	-1	-1	-1			
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		
TMGR	HY04	49	74	68	42	40	41	36	28	39	35	48	36	81	49	40	38	65	41	41	41	42	41	41	40	38	41	41	41	41	65	42	82	79	82	42	41	41	41	41	41	44	58	69	44	41	85	42	64		
UJLI	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			
UJLI	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		
Total Hydro		756	723	647	536	528	546	513	441	388	368	323	291	355	313	292	284	324	514	509	518	519	517	517	514	504	512	514	514	514	514	546	664	816	1016	1055	926	601	601	567	566	742	851	940	891	780	754	608	561	584	
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	
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	7	10	13	17	18	19	22	22	23	10	10	12	23	12	19	17	15	12	8	1	1	0	0	0	0	0	0	0	0	0	0	0	0
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	7	14	20	27	26	18	15	23	18	20	20	16	17	7	12	11	9	7	3	1	0	0	0	0	0	0	0	0	0	0	0
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	11	15	21	21	11	31	26	21	26	27	24	22	19	13	10	8	6	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7	12	14	13	27	18	30	40	26	20	11	19	26	20	20	15	17	11	8	5	2	1	0	0	0	0	0	0	0	0	0	0	0
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	10	16	23	26	33	25	14	17	14	17	17	28	33	26	19	12	10	8	5	4	2	0	0	0	0	0	0	0	0	0	0	0	
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	12	14	18	21	22	20	23	21	21	24	25	21	23	14	8	8	7	5	3	0	0	0	0	0	0	0	0	0	0	0	0	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	14	28	30	29	36	38	26	40	38	26	23	22	20	12	10	8	6	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7	11	22	16	26	9	24	21	29	30	29	29	21	18	13	12	10	6	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	8	15	17	3	8	36	31	26	16	18	28	30	25	25	22	21	19	12	9	4	1	0	0	0	0	0	0	0	0	0	0	0	
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	14	22	29	41	59	70	82	83	52	71	85	80	70	58	51	36	27	22	18	15	9	5	0	0	0	0	0	0	0	0	0	0	0	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	12	14	18	25	25	34	43	37	45	29	31	36	39	26	24	15	12	12	9	6	3	1	1	1	1	0	0	0	0	0	0	0	
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	10	14	21	19	24	23	25	27	29	29	29	29	17	12	9	8	7	5	5	2	0	0	0	0	0	0	0	0	0	0	0	
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	20	36	45	55	69	78	81	78	94	88	77	100	38	100	87	49	39	27	12	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	8	11	18	24	25	22	27	28	29	23	23	17	17	16	16	5	8	6	2	0	0	0	0	0	0	0	0	0	0	0	0	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	14	17	22	25	36																												

Daily MW Generation on Friday

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	
PCUF	CUFG	15	17	15	16	16	15	15	15	15	15	16	16	15	15	17	16	16	15	16	16	16	16	16	15	16	14	16	17	15	16	16	15	16	15	16	15	16	15	16	15	15	15	16	16	15	16	15	
PCUF	CUFK	10	10	10	10	10	11	10	11	11	11	12	11	12	11	12	13	12	13	13	12	12	9	8	9	9	10	8	9	8	7	7	7	9	9	8	8	10	10	11	11	10	10	10	10	11	11	10	10
PFTZ	PFTZ	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	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		
Total Co-Gen		-35	-33	-33	-34	-32	-32	-27	-23	-23	-22	-21	13	11	10	17	13	11	6	5	-1	-12	-13	-16	-7	-6	-9	-17	-16	-20	-21	-21	-17	-18	-22	-18	-16	-6	-5	-1	6	1	2	6	-27	-4	-5	-36	-3
Total Gen		16945	16468	16117	15831	15503	15267	15082	14856	14597	14462	14245	14158	14280	14301	14213	14072	14285	15266	15777	16306	16686	17114	17395	17441	17428	17242	16969	17039	17305	17730	18152	18259	18313	18337	18101	17511	16934	16615	16866	17586	18027	18083	18086	17903	17644	17592	17433	17302
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		
TIE-HVDC		31	31	29	31	29	29	28	29	31	31	29	29	29	29	28	29	31	29	31	29	31	29	31	29	31	29	31	29	31	29	31	29	31	29	31	29	31	29	31	29	31	29	31	29	31	29	31	
TIE-PLTG		-14	-28	-17	-13	-7	-4	25	56	-7	33	-51	-4	-29	-10	-24	-23	-33	6	-3	-14	-12	-4	23	17	26	45	39	29	19	-2	30	29	-3	1	-12	-20	-19	-42	-8	-35	-19	-8	-12	-11	10	-1	13	21
Interconnection		17	3	11	18	22	25	53	85	24	64	-22	24	0	19	5	5	-4	37	27	16	18	27	53	48	57	74	39	29	19	-2	30	29	-3	1	-12	-20	-19	-11	22	-5	11	22	18	20	38	31	45	53
System Total		16928	16465	16106	15813	15481	15242	15029	14771	14573	14398	14267	14134	14280	14282	14208	14067	14289	15229	15750	16290	16668	17087	17342	17393	17371	17168	16930	17010	17286	17732	18122	18230	18316	18336	18113	17531	16953	16626	16844	17591	18016	18061	18068	17883	17606	17561	17388	17249
SRev ST-Coal		259	225	239	203	224	222	217	239	268	285	655	765	822	740	690	691	675	302	233	198	213	286	194	237	231	220	199	205	222	198	229	219	242	219	210	202	233	210	227	212	218	219	216	237	210	211	201	258
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		946	1326	1557	1767	2168	2424	2586	2722	2890	3024	2817	2842	2645	2662	2733	2776	2633	2402	2110	1741	1474	1048	903	850	941	1121	1445	1314	1027	581	231	229	216	181	192	408	899	1339	1140	580	235	268	223	240	523	427	518	848
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 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	0	
SRev Co-Gen		-2	-1	0	0	-1	0	-2	-1	0	-1	-2	0	0	-1	-1	-1	0	-1	0	0	0	-1	0	-1	0	0	0	0	1	1	0	1	0	1	0	-1	-3	1	-1	1	0	0	1	1	0	1	0	
Syncon		613	613	739	739	739	739	739	739	588	588	840	840	840	840	840	840	714	613	613	613	613	613	613	613	613	613	613	613	613	613	613	374	374	374	525	525	613	613	613	374	374	374	374	374	462	462	462	
Hydro		92	125	75	99	107	113	146	218	422	442	235	267	203	221	242	250	211	122	127	118	117	119	119	122	132	124	122	122	122	90	222	195	313	361	490	202	202	148	149	148	328	389	438	462	338	171	218	195
S.Reserve Total		1908	2288	2610	2808	3237	3498	3686	3917	4168	4338	4545	4714	4510	4462	4504	4556	4233	3438	3083	2670	2417	2065	1829	1821	1917	2078	2379	2254	1985	1483	1295	1257	1145	1136	1266	1336	1856	2311	2128	1554	1155	1250	1251	1314	1446	1271	1400	1763