Mike Gardner Region I Director
IPSSA Outreach Government Relations Committee
July 16, 2008

On the following page you will find the result of a random survey conducted by the IPSSA Government Relations Committee (CIGRC). We broadcast an e-mail to all California IPSSA Regional Directors and California Chapter Presidents. We received 12 responses in time to collate this information for this presentation.

We have divided the responses into the regions of California. We received 6 responses from Northern California, 1 from Orange County, 2 from the Los Angeles area, 2 from the Riverside/Desert area and 1 from the San Diego area.

I asked for the following:

1.) Circulation Pump Horsepower- how many of each size,
2.) Filter type: Sand , D.E. , Cartridge
3.) How many Circulation Pump motors have you replaced year to date?

From the 12 respondents we have data on 1012 pools. The percentages are shown on the bottom of the page in each category. As one can see we have nearly 35% of the surveyed motors are .75 hp (1.25 THP) or lower, demonstrating that we have been down sizing our clients pumps and motors to be more energy efficient. We assume that all pumps are full rate.

By far the most popular type of filter is Diatomaceous Earth (D.E.). This type of filter does require high speed to lift the D.E. back on to the filter elements for a period of time before the low speed could engage.
The filter data shows that approximately 10% of our sample group would not be able to run at low speed as they are sand filters and require 15-20 GPM/SQFT sand bed. Or the cost of a sand filter would need to be included in the cost of changing to a two-speed pump.

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	NOR CAL										
HP	0.5	0.75	1	1.5	2	3	2 speed	Sand	D.E.	Cartridge	replaced
	3	26	55	80	38			6	11	185	12
	1	37	27	2	2			25	28	16	11
	1	8	22	30	15			52	7	17	9
		19	20	11	2		1	3	31	19	3
	4	12	26	18	4		1	5	42	18	1
		6	5	1					11	1	
total	9	102	150	141	61	0	2	91	130	256	36
	OC										
HP	0.5	0.75	1	1.5	2	3	2 speed	Sand	D.E.	Cartridge	replaced
		3	15	11	1	1	1		30	2	
total	0	3	15	11	1	1	1	0	30	2	0
	L A										
HP	0.5	0.75	1	1.5	2	3	2 speed	Sand	D.E.	Cartridge	replaced
	2	2	28	26	10				54	14	5
		42	40	19	2		4		103	4	10
total	2	44	68	45	12	0	4	0	157	18	15
	RIVERSIDE										
HP	0.5	0.75	1	1.5	2	3	2 speed	Sand	D.E.	Cartridge	replaced
		2	49	1	10				49	13	0
		5	8	6	2			5	12	4	12
total	0	7	57	7	12	0	0	5	61	17	12
	SAN DIEGO										
HP	0.5	0.75	1	1.5	2	3	2 speed	Sand	D.E.	Cartridge	replaced
	20	150	40	20	15			4	166	75	17
total	20	150	40	20	15	0	0	4	166	75	
HP	0.5	0.75	1	1.5	2	3	2 speed	Sand	D.E.	Cartridge	replaced
Total	31	315	350	236	102	2	8	100	574	370	
	3.06%	31.13%	34.58%	23.32%	10.08%	0.20%	0.79%	9.88%	56.72%	36.56%	80

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