



Department of the Environment

HEDD Definition

HEDD Meeting

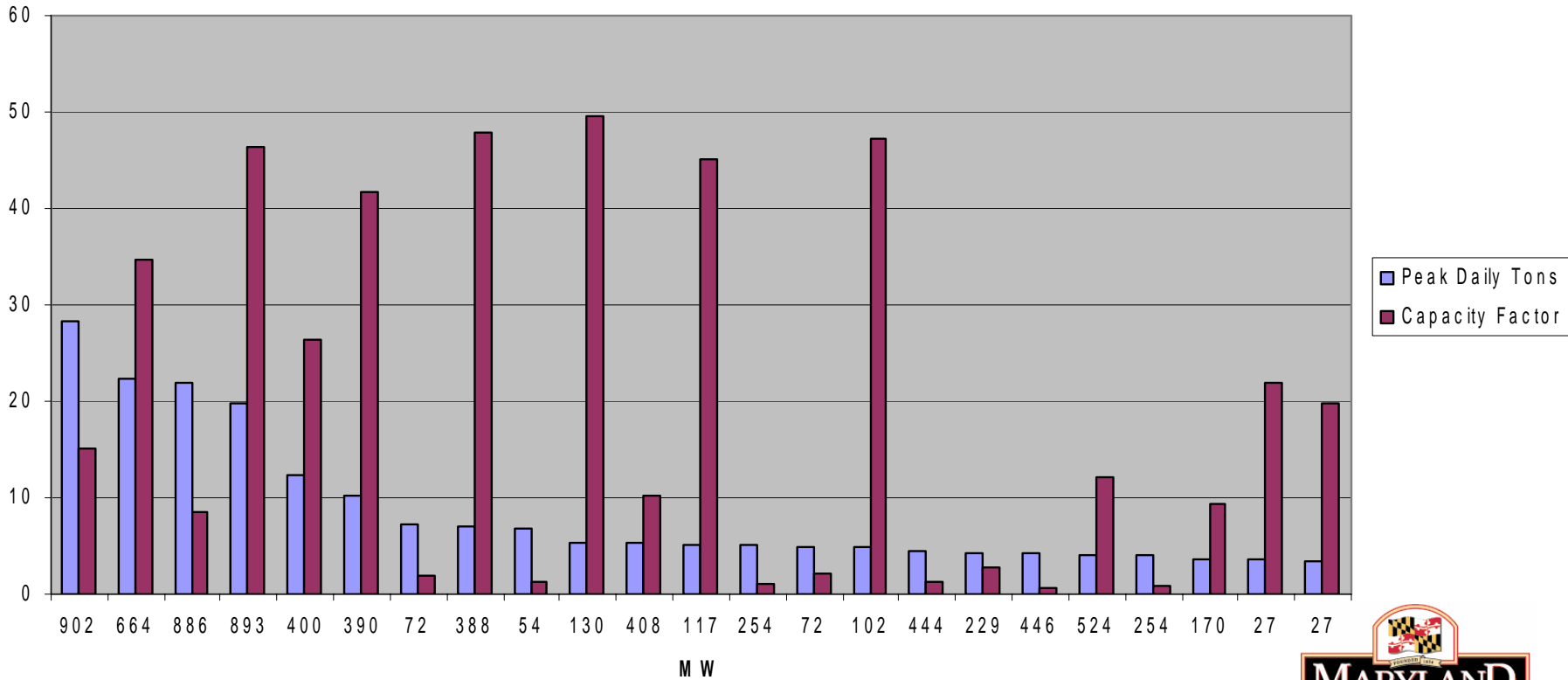
January 10, 2007

Newark, NJ

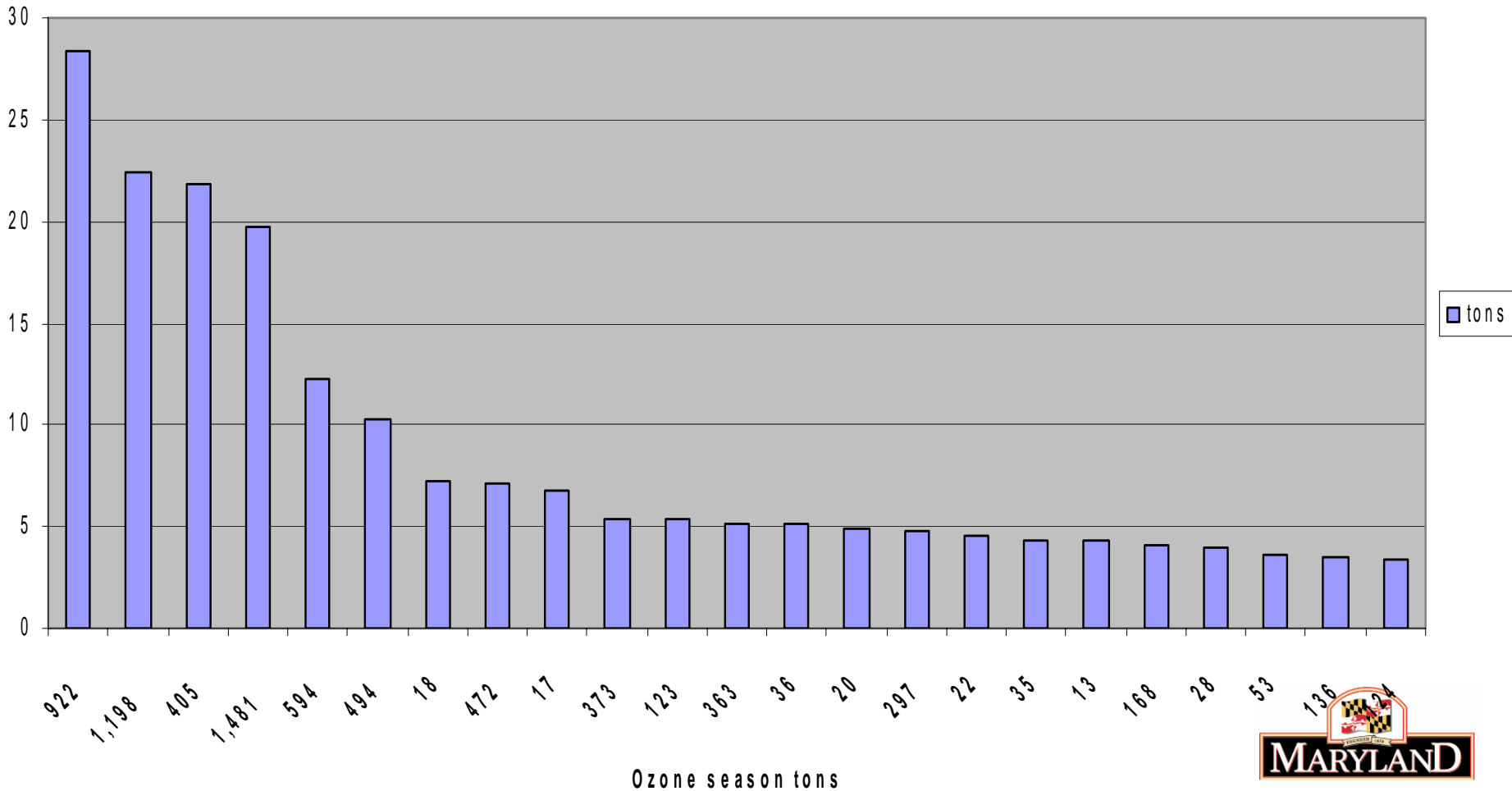


Chart of Capacity Factor Vs Peak Daily Tons and Unit Size in MW

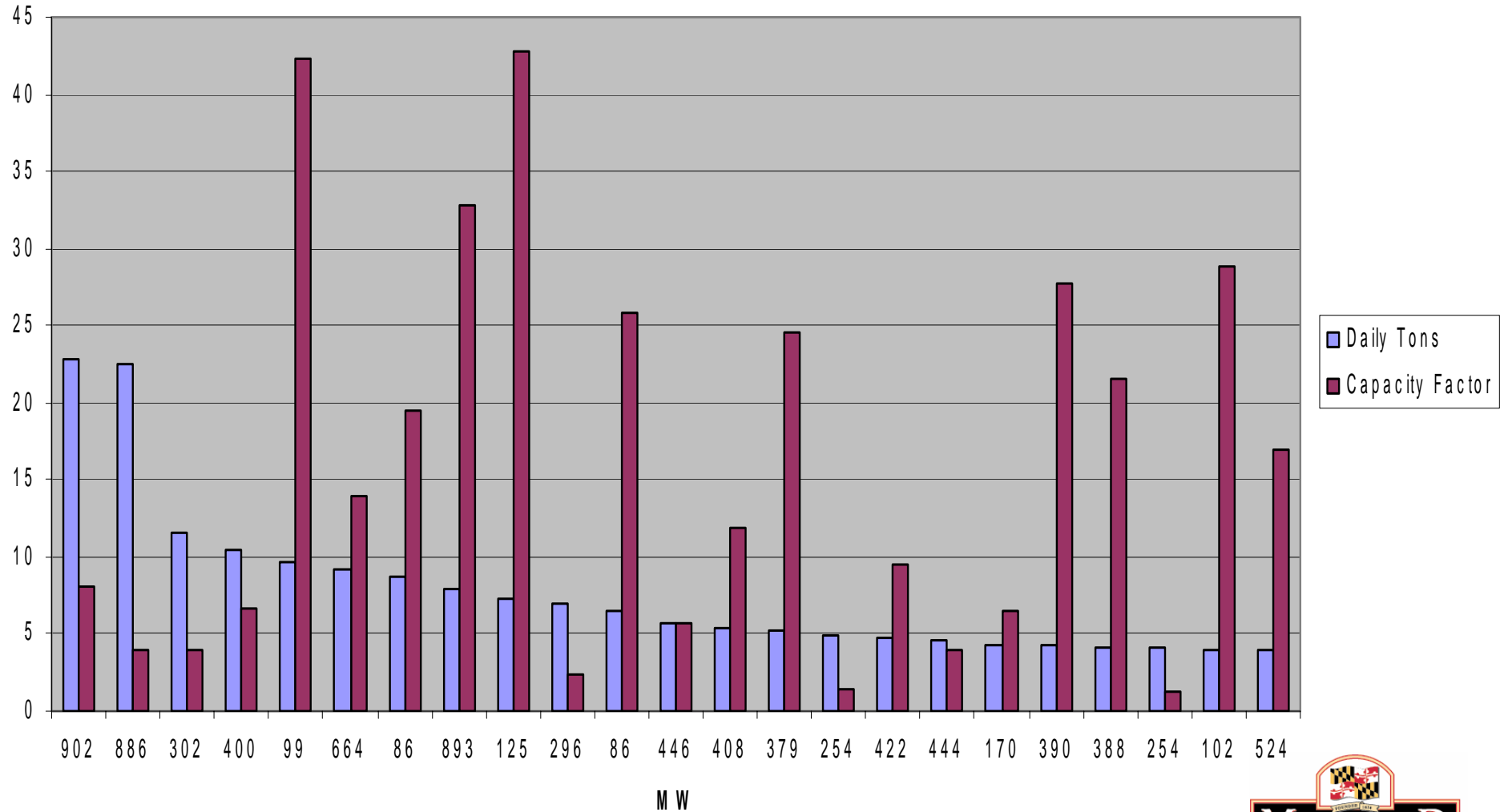
2004 Peak Day Tons and Capacity Factor



2004 Daily Peak Vs Ozone Season Tons



2006 Peak Day Tons and Capacity Factor





Microsoft Excel - OTC Units Capacity Factor 2006 Ozone Season.xls

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	C	E	I	U	AC	AI	AJ	AK	AL	AM	AN	AO
	STAT	PRIMAR	Y FUEL	MW VALUE	OS TOTAL	% of Ozone	CAPACITY	AVG DAILY	Peak	100 times		
1	E	FACILITY NAME	UNIT ID	TYPE	CAP	OP HOURS	Season Hrs	(%)	(TONS)	Daily Nox	Capacity	
										Mass	Factor	
2	PA	Martins Creek	3	OIL	902	693	19%	8.08%	11.42	23	8	
3	PA	Martins Creek	4	OIL	886	342	9%	4.00%	11.22	22	4	
4	DC	Benning	16	OIL	302	173	5%	3.93%	5.81	12	4	
5	MD	Herbert A Wagner	4	OIL	400	466	13%	6.62%	5.25	10	7	
6	VA	Bremo Power Station	3	C	99	2,381	65%	42.33%	4.79	10	42	
7	MD	Chalk Point	3	OIL	664	836	23%	13.91%	4.61	9	14	
8	NY	Huntley Power	66	C	86	1,053	29%	19.51%	4.32	9	20	
9	NY	Ravenswood Generating S	30	OIL	893	2,920	80%	32.84%	3.97	8	33	
10	VA	Chesterfield Power Station	3	C	125	2,362	64%	42.74%	3.65	7	43	
11	DC	Benning	15	OIL	296	151	4%	2.43%	3.48	7	2	
12	NY	Huntley Power	65	C	86	1,723	47%	25.80%	3.23	6	26	
13	CT	Middletown	4	OIL	446	480	13%	5.78%	2.85	6	6	
14	CT	New Haven Harbor	NHB1	OIL	408	838	23%	11.93%	2.67	5	12	
15	NY	Astoria Generating Station	30	OIL	379	2,259	62%	24.56%	2.63	5	25	
16	NJ	Kearny Generating Station	16001	PNG	254	110	3%	1.38%	2.49	5	1	
17	NH	Newington	1	OIL	422	687	19%	9.51%	2.36	5	10	
18	CT	Montville	6	OIL	444	356	10%	3.95%	2.27	5	4	
19	NY	Astoria Generating Station	20	PNG	170	336	9%	6.42%	2.17	4	6	
20	NY	Astoria Generating Station	50	OIL	390	3,245	88%	27.76%	2.17	4	28	
21	NY	Astoria Generating Station	40	OIL	388	2,449	67%	21.62%	2.09	4	22	

VA Chart1 Chart5 Chart4 Chart3 Chart2 Combined

Ready NUM



Conclusions

- Definition of high electricity demand day units should include units whose ozone season capacity factors (average of 2004,2005 and 2006) falls below 50%