Monthly Bid/Offer Postings

Market: HA
Product: Non-Firm
Month: (04/2012)

		Bid Information	Bid Information	Bid Information	Bid Information	Offer Information	Offer Information	Offer Information	Offer Information
Delivery	Delivery								
Date	Hour	Entity	Total MW	Max Price	Min Price	Entity	Total MW	Min Price	Max Price
4/1/2012	1					1	6622	34.88	1,159.73
4/1/2012	2					1	5168	59.01	1,158.38
4/1/2012	3					1	5855	44.77	1,161.91
4/1/2012	4					1	5570	52.06	1,160.35
4/1/2012	5					1	5413	52.62	1,158.96
4/1/2012	6					1	5157	58.41	1,159.33
4/1/2012	7					1	5765	47.82	1,156.73
4/1/2012	8					1	5261	60.64	1,157.68
4/1/2012	9					1	5037	46.86	1,158.48
4/1/2012	10					1	6185	45.13	1,161.60
4/1/2012	11					1	5367	57.31	1,161.21
4/1/2012	12					1	4901	63.38	1,160.36
4/1/2012	13					1	4879	60.36	1,158.33
4/1/2012	14					1	4533	49.83	1,159.06
4/1/2012	15	1	200	20	20	1	4367	47.16	1,160.30
4/1/2012	16					1	3744	52.81	1,156.52
4/1/2012	17					1	3347	69.17	1,155.45
4/1/2012	18	1	300	30	30	1	3212	53.56	1,156.31
4/1/2012	19					1	3563	69.7	1,156.66
4/1/2012	20					1	3570	69.96	1,157.10
4/1/2012	21					1	3059	70.63	1,156.96
4/1/2012	22					1	3859	50.25	1,157.35
4/1/2012	23	1	150	19	19	1	5036	43.73	1,153.71
4/1/2012	24					1	5559	35.9	1,157.15
4/2/2012	1					1	5986	47.81	1,158.44
4/2/2012	2					1	6774	43.12	1,158.01
4/2/2012	3					1	6435	46.39	1,159.41
4/2/2012	4					1	6570	46.11	1,160.90
4/2/2012	5					1	6209	47.69	1,162.98
4/2/2012	6					1	5344	48.86	1,162.30
4/2/2012	7	4	200	40	40	1	5168	54.92	1,160.94
4/2/2012	8	1	200	18	18	1	5618	32.67	1,714.60
4/2/2012	9	1	200	16	16	1	4634	42.5	1,712.67
4/2/2012 4/2/2012	10	1	200	18	18	1	4246	44.26	1,716.07
4/2/2012	11	1	200	18	18	1	3132	26.06	1,717.60
	12	1 1	200	20	20	1	2942	46.93	1,715.40
4/2/2012 4/2/2012	13	ı	200	28	28	1	2516	47.16	1,713.49
	14 15	1	200	20	20	1	2232	69.73	1,713.38
4/2/2012	15 16	1	200	30	30	1	2868	49.87	1,716.43
4/2/2012 4/2/2012	16 17	1	200	30	30	1 1	3251 3308	70.49 48.44	1,719.56
4/2/2012	18	'	200	30	30	1	3474	45.44	1,719.29
4/2/2012	19					1	4266	38.76	1,719.46 1,720.72
4/2/2012	20	1	150	20	20	1	3652	54.21	1,720.72
4/2/2012	21	1	300	25	25	1	2028	56.36	1,719.04
4/2/2012	22	1	200	25 25	25 25	1	2160	65.4	1,144.77
4/2/2012	23	1	250	30	30	1	3647	48.15	1,144.70
4/2/2012	23 24	'	200	50	30	1	3923	43.78	1,144.70
4/2/2012	1	1	200	15	15	1	5571	43.76 34.1	1,131.94
4/3/2012	2	1	300	10	10	1	5832	34.1 34.94	1,146.66 1,157.56
4/3/2012	3	1	200	10	10	1	6831	31.35	1,157.56
4/3/2012	4	1	150	10	10	1	7177	37.29	1,159.87
4/3/2012	5	'	150	10	10	1	6908	37.29	1,161.20
7,0/2012	9					'	5500	01.01	1,101.20

4/3/2012	6	1	50	10	10	1	5861	42.76	1,163.52
4/3/2012	7	1	50	10	10	1	6379	41.92	1,162.94
4/3/2012	8	1	200	16	16	1	6512	31.99	1,719.59
4/3/2012	9	1	200	16	16	1	5825	38.88	1,717.72
4/3/2012	10	1	200	18	18	1	4847	43.98	1,714.52
4/3/2012	11	1	200	18	18	1	4221	45.03	1,702.10
4/3/2012	12	1	200	25	25	1	3739	69.78	1,702.69
4/3/2012	13					1	2655	47.6	1,702.89
4/3/2012	14	1	200	30	30	1	2427	47.46	1,702.72
4/3/2012	15	1	200	30	30	1	2223	49.4	1,705.24
4/3/2012	16	1	200	28	28	1	3404	49.42	1,705.72
4/3/2012	17					1	3591	48	1,706.16
4/3/2012	18	1	200	25	25	1	3944	46.73	1,709.44
4/3/2012	19	1	200	22	22	1	3636	48.45	1,710.99
4/3/2012	20	1	150	18	18	1	3110	42.1	1,126.02
4/3/2012	21	1	250	20	20	1	3014	53.82	1,126.70
4/3/2012	22	1	200	20	20	1	4289	44.98	1,129.67
4/3/2012	23					1	6112	42.85	1,133.36
4/3/2012	24	1	200	12	12	1	6545	34.79	1,142.30
4/4/2012	1	1	200	10	10	1	6587	32.72	1,142.26
4/4/2012	2	1	200	10	10	1	7419	31.61	1,148.13
4/4/2012	3	1	200	10	10	1	8037	31.41	1,155.37
4/4/2012	4	1	100	8	8	1	8219	39.1	1,151.60
4/4/2012		1	50	8		1	7441	45.76	
	5				8				1,149.97
4/4/2012	6	1	50	8	8	1	6465	47.76	1,150.55
4/4/2012	7	1	100	10	10	1	6555	45.09	1,152.57
4/4/2012	8					1	6631	51.74	1,699.86
4/4/2012	9					1	6253	52.18	1,701.95
4/4/2012	10					1	5090	56.94	1,706.30
4/4/2012	11					1	3413	44.96	1,708.19
4/4/2012	12	1	200	22	22	1	3254	29.86	1,706.54
4/4/2012	13					1	2874	71.44	1,705.50
4/4/2012	14					1	2186	73.68	1,703.89
4/4/2012	15					1	2187	72.21	1,702.54
4/4/2012	16					1	2695	75.4	1,701.15
4/4/2012	17					1	2387	82.24	1,122.95
4/4/2012	18					1	2494	69.86	1,128.27
4/4/2012	19					1	3139	71.96	1,127.55
4/4/2012	20					1	3338	69.11	1,128.94
4/4/2012	21					1	3102	71.96	1,131.22
4/4/2012	22					1	3981	59.5	1,131.97
4/4/2012	23					1	4917	61.29	1,134.35
4/4/2012	24					1	7017	36.84	1,141.90
4/5/2012	1					1	6018	48.89	1,141.86
4/5/2012	2					1	7391	45.4	1,144.90
4/5/2012	3					1	7925	38.96	1,147.33
4/5/2012	4					1	7998	38.23	1,152.67
4/5/2012	5					1	6881	46.49	1,151.40
4/5/2012	6					1	5307	47.61	1,152.06
4/5/2012	7					1	5504	56.43	1,706.69
4/5/2012	8					1	5730	52.87	1,706.63
4/5/2012	9	1	200	20	20	1	5176	37.45	1,704.88
4/5/2012	10					1	4391	60.01	1,715.20
4/5/2012	11					1	3846	69.13	1,739.18
4/5/2012	12					1	2981	73.57	1,740.05
4/5/2012	13					1	2811	74.3	1,736.40
4/5/2012	14					1	2695	78.1	1,734.49
4/5/2012	15					1	3052	46.18	1,732.57
4/5/2012	16					1	3910	47.5	1,732.17
4/5/2012	17					1	3538	67.2	1,153.61
4/5/2012	18					1	4554	57.85	1,152.37
4/5/2012	19					1	5062	51.1	1,152.26
4/5/2012	20					1	5171	49.07	1,152.09
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4/5/2012	21					1	4766	58.71	1,155.66
4/5/2012	22					1	4648	59.55	1,156.31
4/5/2012	23					1	5222	59.38	1,156.23
4/5/2012	24					1	6908	44.26	1,164.43
4/6/2012	1					1	6567	43.76	1,164.18
4/6/2012	2					1	7130	45.45	1,170.45
4/6/2012	3					1	7793	38.38	1,172.47
4/6/2012	4					1	7873	38.08	1,177.22
4/6/2012	5					1	7285	46.14	1,177.99
4/6/2012	6					1	5886	46.65	1,179.33
4/6/2012	7					1	5850	47.94	1,178.53
4/6/2012	8					1	5735	29.16	1,741.01
4/6/2012	9	1	200	15	15	1	5554	28.85	1,743.08
4/6/2012	10	'	200	13	13	1	5264	27.91	1,737.64
		1	200	15	15				
4/6/2012	11	1	200	15	15	1	4793	29.25	1,724.89
4/6/2012	12					1	4684	30.14	1,724.72
4/6/2012	13					1	4436	39.35	1,721.82
4/6/2012	14					1	4967	28.97	1,719.35
4/6/2012	15					1	5957	27.12	1,720.55
4/6/2012	16					1	6284	27.2	1,720.94
4/6/2012	17					1	5625	27.49	1,150.71
4/6/2012	18					1	5702	27.2	1,151.45
4/6/2012	19					1	5847	26.94	1,152.91
4/6/2012	20	1	300	10	10	1	4792	39.38	1,152.45
4/6/2012	21	1	250	10	10	1	4948	40.26	1,153.28
4/6/2012	22	1	300	12	12	1	5171	39.45	1,153.54
4/6/2012	23	1	300	10	10	1	6250	36.47	1,151.48
4/6/2012	24	1	300	10	10	1	7705	33.76	1,158.15
4/7/2012	1	1	250	10	10	1	6656	35.16	1,157.16
4/7/2012	2	1	50	8	8	1	6729	37.35	1,161.70
4/7/2012	3	1	100	8	8	1	7771	29.51	1,166.81
4/7/2012	4	1	50	8	8	1	7789	29.46	1,172.31
4/7/2012	5	•	00	Ü	Ü	1	7530	29.12	1,168.84
4/7/2012	6					1	7398	30.34	1,170.10
4/7/2012	7					1	7046	37.41	1,170.10
4/7/2012	8					1	5589	46.62	1,167.89
4/7/2012	9					1	5362	47.11	1,167.69
4/7/2012	10					1	5151		
4/7/2012								47.41	1,166.33
	11					1	5100	47.62	1,161.62
4/7/2012	12					1	4611	57.27	1,163.69
4/7/2012	13					1	4621	57.49	1,158.22
4/7/2012	14					1	4637	57.38	1,158.22
4/7/2012	15					1	4444	59	1,158.22
4/7/2012	16					1	5320	45.48	1,722.61
4/7/2012	17					1	5304	45.69	1,722.61
4/7/2012	18					1	5694	45.15	1,160.79
4/7/2012	19					1	5554	46.82	1,160.22
4/7/2012	20					1	6132	47	1,159.92
4/7/2012	21					1	6072	47.1	1,159.92
4/7/2012	22	1	100	10	10	1	6078	27.42	1,160.77
4/7/2012	23	1	100	10	10	1	7072	18.25	1,158.74
4/7/2012	24					1	7585	34.74	1,159.92
4/8/2012	1					1	6407	21.34	1,166.00
4/8/2012	2					1	6374	48.23	1,167.62
4/8/2012	3					1	6920	25.43	1,173.26
4/8/2012	4					1	6902	27.7	1,175.39
4/8/2012	5					1	7422	45.75	1,174.40
4/8/2012	6					1	7188	44.88	1,174.84
4/8/2012	7					1	6244	46.94	1,174.29
4/8/2012	8					1	5756	49.11	1,174.23
4/8/2012	9					1	6282	29.99	1,171.71
4/8/2012 4/8/2012	9 10					1	7188	29.99 43.14	
						1			1,173.33
4/8/2012	11					ı	6649	46.21	1,169.94

4/8/2012	12					1	6362	47.01	1,167.33	
4/8/2012	13					1	6179	47.65	1,164.74	
4/8/2012	14					1	5408	48.2	1,163.24	
4/8/2012	15					1	5290	48.54	1,162.28	
4/8/2012	16					1	4916	53.7	1,160.45	
4/8/2012	17					1	4585	57.59	1,158.71	
4/8/2012	18					1	5143	45.95	1,158.42	
4/8/2012	19					1	5994	47.61	1,157.55	
4/8/2012	20					1	5945	48.64	1,158.67	
4/8/2012	21					1	6098	48.23	1,159.66	
4/8/2012	22					1	6495	43.73	1,161.04	
4/8/2012	23	1	100	15	15	1	7441	17.03	1,156.66	
4/8/2012	24	1	100	10	10	1	7715	18.64	1,159.60	
4/9/2012	1	•	100	10	10	1	8151	21.45	1,160.11	
4/9/2012	2					1	8081	31.38	1,167.71	
4/9/2012	3					1	7885	31.45	1,171.47	
4/9/2012	4					1	7524	45.26	1,173.87	
4/9/2012	5					1	6835	32.63	1,171.79	
4/9/2012	6					1	5551	58.05	1,171.55	
4/9/2012	7					1	6230	49.1	1,170.39	
4/9/2012	8	1	200	16	16	1	6569	26.57	1,168.59	
4/9/2012	9					1	6443	28.95	1,726.26	
4/9/2012	10					1	5900	53.27	1,726.26	
4/9/2012	11	1	200	16	16	1	4420	45.04	1,727.05	
4/9/2012	12	'	200	10	10	1	4875	40.68	1,726.24	
									•	
4/9/2012	13					1	4165	47.6	1,730.47	
4/9/2012	14					1	3772	69.95	1,732.67	
4/9/2012	15	1	200	28	28	1	4217	46.18	1,735.19	
4/9/2012	16					1	4646	58.97	1,734.53	
4/9/2012	17	1	200	25	25	1	4113	44.67	1,735.09	
4/9/2012	18	1	200	24	24	1	3837	44.63	1,150.65	
4/9/2012	19	1	200	23	23	1	3781	48.25	1,734.81	
4/9/2012	20	1	200	20	20	1	3207	59.63	1,737.52	
4/9/2012	21	1	100	25	25	1	3221	59.44	1,737.83	
4/9/2012	22	1	200	25	25	1	4213	43.7	1,737.83	
4/9/2012	23	1	50	18	18	1	4795	35.44	1,733.59	
4/9/2012									•	
	24	1	150	14	14	1	6095	33.77	1,735.03	
4/10/2012	1	1	200	12	12	1	6435	31.88	1,735.33	
4/10/2012	2	1	250	10	10	1	7162	22.71	1,734.77	
4/10/2012	3	1	250	10	10	1	6565	30.34	1,733.52	
4/10/2012	4	1	250	10	10	1	6416	37.34	1,735.47	
4/10/2012	5	1	250	10	10	1	5901	48.33	1,735.47	
4/10/2012	6	1	250	14	14	1	4237	50.44	1,733.40	
4/10/2012	7	1	300	15	15	1	3674	52.64	1,733.39	
4/10/2012	8	1	200	20	20	1	4541	44.39	1,731.79	
4/10/2012	9	1	200	20	20	1	4519	35.02	1,732.11	
4/10/2012	10	1	200	16	16	1	3818	47.15	1,725.40	
4/10/2012	11	1	200	16	16	1	3594	48.04	1,706.12	
4/10/2012										
	12	1	200	24	24	1	3168	52.02	1,705.90	
4/10/2012	13	1	200	24	24	1	2885	48.73	1,705.56	
4/10/2012	14	1	300	26	26	1	3354	51.59	1,707.54	
4/10/2012	15					1	3224	54.5	1,707.54	
4/10/2012	16	1	200	28	28	1	3443	49.82	1,709.83	
4/10/2012	17	1	20	26	26	1	3896	46.86	1,132.29	
4/10/2012	18	1	200	24	24	1	3897	47.54	1,131.80	
4/10/2012	19					1	3684	48.32	1,708.82	
4/10/2012	20	1	150	25	25	1	3887	51.31	1,711.19	
4/10/2012	21	1	200	25	25	1	3011	57	1,709.23	
4/10/2012	22	1	200	24	24	1	3364	54.5	1,707.36	
	23	1	200	17	17		4435	34.44		
4/10/2012						1			1,709.72	
4/10/2012	24	1	150	15	15	1	5928	36.29	1,711.82	
4/11/2012	1	1	100	14	14	1	6317	34.74	1,711.35	
4/11/2012	2	1	100	13	13	1	6508	42.8	1,708.93	

4/11/2012	3	1	150	14	14	1	6181	29.31	1,708.63
4/11/2012	4	1	200	14	14	1	6300	36.15	1,706.92
4/11/2012	5	1	200	9	9	1	5590	42.83	1,704.05
4/11/2012	6	1	200	19	19	1	4150	51.17	1,703.20
4/11/2012	7	1	200	20	20	1	3608	55.71	1,703.01
4/11/2012	8	·	_00		_0	1	2485	62.77	1,703.89
4/11/2012	9					1	3603	65.24	1,707.34
4/11/2012	10					1	3304	66.63	1,709.25
4/11/2012	11					1	3582	65.48	
4/11/2012		4	200	25	25				1,706.91
	12	1	300	25	25	1	3370	67.59	1,707.03
4/11/2012	13					1	3314	67.89	1,704.50
4/11/2012	14		000	0.5	0.5	1	3501	66.5	1,704.21
4/11/2012	15	1	200	25	25	1	3303	67.94	1,702.08
4/11/2012	16	1	300	25	25	1	3812	58.37	1,129.84
4/11/2012	17	1	300	24	24	1	3348	65.5	1,129.26
4/11/2012	18					1	3788	58.87	1,131.03
4/11/2012	19					1	4244	54.96	1,128.77
4/11/2012	20					1	4171	55.02	1,130.03
4/11/2012	21	1	200	15	15	1	3716	39.19	1,130.63
4/11/2012	22					1	3831	22.94	1,132.66
4/11/2012	23					1	4098	24.87	1,134.52
4/11/2012	24					1	5828	28.59	1,144.52
4/12/2012	1					1	5348	23.59	1,151.13
4/12/2012	2					1	5301	27.93	1,151.04
4/12/2012	3					1	5705	26.85	1,156.77
4/12/2012	4					1	4933	30.05	1,157.13
4/12/2012	5					1	5532	29.41	1,155.17
4/12/2012	6					1	3477	44.53	1,156.74
4/12/2012	7					1	4860	42.38	1,697.38
4/12/2012	8	4	200	20	20	1	4883	34.16	1,697.99
4/12/2012	9	1	300	20	20	1	4889	49.39	1,697.30
4/12/2012	10	1	300	20	20	1	4400	57.61	1,698.74
4/12/2012	11					1	4624	56.65	1,685.82
4/12/2012	12					1	4804	37.64	1,686.85
4/12/2012	13					1	4782	53.63	1,683.16
4/12/2012	14					1	5023	49.03	1,683.22
4/12/2012	15					1	5177	48.31	1,683.22
4/12/2012	16					1	5465	42.77	1,685.72
4/12/2012	17					1	4541	42.8	1,134.74
4/12/2012	18					1	4718	46.9	1,134.74
4/12/2012	19					1	4577	47.82	1,131.93
4/12/2012	20					1	4420	37.53	1,130.82
4/12/2012	21					1	3955	53.69	1,133.71
4/12/2012	22					1	3655	54.9	1,133.25
4/12/2012	23					1	4684	48.43	1,130.58
4/12/2012	24					1	6604	41.72	1,135.14
4/13/2012	1					1	6339	38.51	1,142.91
4/13/2012	2					1	6530	23.33	1,150.52
4/13/2012	3					1	6427	40.36	1,156.20
4/13/2012	4					1	6416	40.55	1,157.09
4/13/2012	5					1	5275	46.68	1,156.52
		1	100	10	10	1	4666		
4/13/2012	6	1			10			33.44	1,156.52
4/13/2012	7	1	100	10 16	10 16	1	4062	35.76	1,697.30
4/13/2012	8	1	200	16	16	1	4154	36.78	1,696.10
4/13/2012	9	1	200	16	16	1	4004	37.73	1,693.89
4/13/2012	10	1	200	16	16	1	4161	43.23	1,687.45
4/13/2012	11	1	200	16	16	1	4248	41.86	1,664.44
4/13/2012	12	1	200	22	22	1	4024	45.12	1,666.85
4/13/2012	13					1	4004	65.95	1,662.82
4/13/2012	14	1	200	28	28	1	3628	46.9	1,662.82
4/13/2012	15					1	4245	42.03	1,661.18
4/13/2012	16	1	200	20	20	1	4106	39.34	1,118.52
4/13/2012	17	1	200	20	20	1	4116	39.68	1,119.02

4/13/2012	18					1	4361	37	1,118.16
4/13/2012	19					1	4816	30.29	1,117.34
4/13/2012	20	1	100	15	15	1	4995	42.33	1,665.03
4/13/2012	21	1	100	12	12	1	4995	42.29	1,664.03
4/13/2012	22	1	200	12	12	1	5942	35.79	1,665.35
4/13/2012	23	1	100	12	12	1	6352	36.41	1,665.35
4/13/2012	24	1	350	8	8	1	7601	36.32	1,665.75
4/14/2012	1	1	250	8	8	1	7773	30.91	1,666.31
4/14/2012	2	1	200	8	8	1	7738	28.58	1,666.82
4/14/2012	3	1	200	8	8	1	7736	33.77	1,671.07
4/14/2012	4	1	200	8	8	1	7257	31.89	1,667.47
4/14/2012	5	1	150	8	8	1	6444	34.05	1,666.89
4/14/2012	6	1	200	8	8	1	6522	34.41	1,665.17
4/14/2012	7	1	250	10	10	1	7066	34.26	1,665.57
4/14/2012	8	1	250	12	12	1	6065	36.96	1,665.68
4/14/2012	9	'	230	12	12	1	5053		
								28.23	1,133.11
4/14/2012	10					1	5534	24.98	1,137.18
4/14/2012	11					1	5458	41.64	1,133.97
4/14/2012	12					1	4432	53.71	1,133.60
4/14/2012	13					1	4541	29.39	1,128.53
4/14/2012	14					1	4194	39.07	1,128.63
4/14/2012	15					1	3826	44.93	1,127.80
4/14/2012	16	1	200	22	22	1	2897	48.69	1,129.71
4/14/2012	17					1	2821	70.62	1,129.71
4/14/2012	18	1	200	25	25	1	2840	49.42	1,129.71
4/14/2012	19					1	3306	45.56	1,129.71
4/14/2012	20					1	3822	45.78	1,676.26
4/14/2012	21	1	150	15	15	1	4261	52.02	1,676.26
4/14/2012	22	1	150	14	14	1	4731	45.14	1,676.26
4/14/2012	23	1	200	15	15	1	5475	35.93	1,676.26
4/14/2012	24	1	200	10	10	1	6144	33.78	1,676.26
4/14/2012	1	į.	200	10	10	1	7076	42.63	
		4	200	40	40				1,676.26
4/15/2012	2	1	300	10	10	1	7558	28.49	1,676.26
4/15/2012	3	1	300	10	10	1	8093	32.16	1,676.26
4/15/2012	4	1	250	10	10	1	7507	31.86	1,676.26
4/15/2012	5	1	200	10	10	1	7429	31.98	1,676.26
4/15/2012	6	1	150	10	10	1	7555	33.78	1,676.26
4/15/2012	7	1	200	10	10	1	7394	32.47	1,676.26
4/15/2012	8					1	6974	32.88	1,676.26
4/15/2012	9					1	6101	40.87	1,676.26
4/15/2012	10					1	5137	38.66	1,129.71
4/15/2012	11	1	200	16	16	1	4717	44.69	1,129.71
4/15/2012	12	1	200	16	16	1	4056	43.25	1,129.71
4/15/2012	13	1	200	18	18	1	3311	47.64	1,129.71
4/15/2012	14	1	300	20	20	1	3087	49.53	1,129.71
4/15/2012	15	1	300	20	20	1	2759	49.37	1,129.71
4/15/2012	16	1	300	20	20	1	2392	44.61	1,129.71
4/15/2012	17		300		25			50.9	-
		1		25		1	2436		1,129.71
4/15/2012	18	1	300	20	20	1	3219	49.37	1,129.71
4/15/2012	19					1	3614	46.13	1,129.71
4/15/2012	20					1	3785	66.05	1,129.71
4/15/2012	21					1	3217	70.23	1,129.71
4/15/2012	22					1	3485	69.65	1,129.71
4/15/2012	23					1	4955	65	1,129.71
4/15/2012	24	1	150	15	15	1	7519	35.72	1,129.71
4/16/2012	1	1	200	10	10	1	8951	28.49	1,129.71
4/16/2012	2	1	200	10	10	1	8538	31.44	1,129.71
4/16/2012	3					1	8825	32.76	1,129.71
4/16/2012	4	1	100	8	8	1	8386	31.46	1,129.71
4/16/2012	5	1	100	8	8	1	7624	34.61	1,129.71
4/16/2012	6	1	150	10	10	1	6840	38.6	1,676.26
4/16/2012	7	1	300	15	15	1	6033	46.36	
		1	300	13	13				1,676.26
4/16/2012	8					1	6231	46.31	1,676.26

4/16/2012	9					1	5077	56.4	1,676.26
4/16/2012	10	1	300	22	22	1	3686	70.21	1,676.26
4/16/2012	11					1	2973	65	1,676.26
4/16/2012	12	1	300	30	30	1	2751	65	1,676.26
4/16/2012	13	•	000	00	00	1	2395	65	
									1,676.26
4/16/2012	14					1	2402	72.19	1,676.26
4/16/2012	15					1	2611	71.96	1,674.79
4/16/2012	16					1	2769	71.98	1,673.82
4/16/2012	17					1	3271	50.19	1,674.62
4/16/2012	18					1	3796	65.99	1,674.02
4/16/2012	19					1	2743	68.87	
									1,126.66
4/16/2012	20	1	100	21	21	1	3187	53.43	1,672.09
4/16/2012	21	1	150	20	20	1	2363	50.72	1,672.48
4/16/2012	22	1	200	20	20	1	3296	54.35	1,671.93
4/16/2012	23	1	200	18	18	1	2841	54.05	1,130.95
4/16/2012	24	1	150	15	15	1	5321	27.92	1,134.47
4/17/2012	1	1	150	10	10	1	6420	25.13	
									1,132.48
4/17/2012	2	1	100	9	9	1	7492	28.22	1,134.00
4/17/2012	3	1	100	9	9	1	6840	33.65	1,137.30
4/17/2012	4	1	100	10	10	1	6384	38.08	1,140.94
4/17/2012	5	1	100	10	10	1	6269	36.23	1,141.51
4/17/2012	6	1	300	15	15	1	4882	49.15	1,141.37
	7								
4/17/2012		1	300	16	16	1	5757	38.74	1,140.87
4/17/2012	8	1	300	20	20	1	5255	58.91	1,672.21
4/17/2012	9	1	300	20	20	1	6227	44.94	1,138.16
4/17/2012	10	1	300	15	15	1	4990	62.19	1,681.72
4/17/2012	11					1	3902	68.38	1,706.65
4/17/2012	12					1	3909	52.61	1,706.65
4/17/2012	13					1	4037	67.38	1,705.97
4/17/2012	14					1	3925	68.34	1,701.95
4/17/2012	15					1	3707	70.1	1,703.57
4/17/2012	16					1	3917	68.32	1,704.24
4/17/2012	17					1	4114	60.33	1,143.93
4/17/2012	18					1	4170	63.47	1,142.06
4/17/2012	19					1	4195	63.1	
									1,140.24
4/17/2012	20	1	300	20	20	1	3495	56.51	1,701.24
4/17/2012	21	1	300	18	18	1	3752	54.94	1,701.73
4/17/2012	22	1	300	17	17	1	4397	48.93	1,143.39
4/17/2012	23	1	300	17	17	1	5432	33.48	1,145.17
4/17/2012	24	1	100	10	10	1	6982	26.08	1,151.47
4/18/2012	1	1	100	10	10	1	6941	28.55	1,152.19
									•
4/18/2012	2	1	100	10	10	1	6838	28.49	1,154.41
4/18/2012	3	1	150	10	10	1	6530	29.49	1,158.12
4/18/2012	4	1	100	8	8	1	6367	30.14	1,163.93
4/18/2012	5	1	200	9	9	1	6433	35.28	1,164.24
4/18/2012	6	1	300	15	15	1	4976	47.93	1,164.63
4/18/2012	7	1	300	15	15	1	4952	48.44	1,163.02
4/18/2012	8	1	200	20	20	1	4876	44.23	1,707.81
4/18/2012	9	1	200	20	20	1	5013	43.92	1,706.24
4/18/2012	10	1	200	16	16	1	5009	43.63	1,707.25
4/18/2012	11	1	200	14	14	1	5027	43.46	1,704.47
4/18/2012	12					1	4842	43.77	1,708.04
4/18/2012	13					1	4970	43.43	1,704.55
	14						3649		
4/18/2012						1		50.68	1,701.86
4/18/2012	15					1	3836	45.36	1,701.14
4/18/2012	16	1	200	16	16	1	4141	44.88	1,700.19
4/18/2012	17					1	4145	39.78	1,142.38
4/18/2012	18	1	200	14	14	1	4704	30.39	1,141.37
4/18/2012	19	1	200	15	15	1	5002	30.52	1,142.91
4/18/2012	20	1	300	13	13	1	5280	33.14	1,703.04
4/18/2012	21	1	300	12	12	1	5183	34.8	1,704.50
4/18/2012	22	1	300	12	12	1	5544	33.57	1,704.13
4/18/2012	23					1	5635	24.58	1,703.87

4/18/2012	24	1	100	5	5	1	8031	18.04	1,707.51
4/19/2012	1					1	8089	23.29	1,705.65
4/19/2012	2					1	8503	20.81	1,706.13
4/19/2012	3					1	9104	18.52	1,707.28
4/19/2012						1	8352	36.78	
	4								1,709.69
4/19/2012	5					1	7586	46.11	1,707.54
4/19/2012	6					1	5970	34.17	1,708.72
4/19/2012	7					1	6240	61.21	1,707.52
4/19/2012	8					1	6950	34.02	1,707.03
4/19/2012	9					1	6498	39.29	1,704.08
4/19/2012	10					1	5900	42.17	1,703.08
4/19/2012	11					1	4946	45.77	1,684.35
4/19/2012	12					1	5461	43.87	1,684.53
4/19/2012	13					1	4998	39.39	1,682.07
4/19/2012	14					1	5006	39.41	1,682.72
4/19/2012	15					1	4964	59.16	1,683.87
4/19/2012	16					1	4877	60.82	1,683.87
4/19/2012	17					1	4947	44.54	1,683.87
4/19/2012	18					1	5053	22.88	1,135.29
4/19/2012	19					1	5096	30.19	1,134.76
4/19/2012	20					1	5946	47.53	1,685.12
4/19/2012	21					1	5761	48.88	1,686.47
4/19/2012	22					1	5364	34.4	1,686.47
4/19/2012	23					1	6503	18.54	1,683.89
4/19/2012	24					1	6837	36.82	1,686.05
4/20/2012	1					1	7407	41.42	1,685.67
4/20/2012	2					1	7576	26.98	1,686.78
4/20/2012	3					1	7605	26.98	1,686.48
4/20/2012	4					1	7794	26.45	1,687.93
4/20/2012	5					1	6744	47.86	1,684.72
4/20/2012	6					1	5757	60.82	1,683.53
4/20/2012	7					1	5993	59.26	1,683.32
4/20/2012	8					1	7139	42.01	1,680.46
4/20/2012	9					1	5980	49.16	1,681.38
4/20/2012	10					1	5771	52.31	1,680.77
4/20/2012	11	1	300	18	18	1	5503	56.07	
									1,679.58
4/20/2012	12	1	300	18	18	1	5147	44.42	1,679.31
4/20/2012	13					1	4297	65.42	1,679.44
4/20/2012	14	1	300	20	20	1	4014	67.6	1,679.29
4/20/2012	15	1	300	22	22	1	4008	68.04	1,678.87
4/20/2012	16					1	4365	64.31	1,678.69
4/20/2012	17	1	300	20	20	1	4383	62.59	1,115.16
4/20/2012	18					1	4414	60.01	1,116.08
4/20/2012	19	1	300	18	18	1	4868	57.39	1,116.23
4/20/2012	20	1	300	15	15	1	4409	46.18	1,116.24
4/20/2012	21	1	300	15	15	1	4309	47.16	1,115.75
4/20/2012	22	1	300	15	15	1	5136	32.78	1,119.99
4/20/2012	23	1	250	15	15	1	5358	28.22	1,118.09
4/20/2012	24	1	200	12	12	1	7455	27.6	1,123.47
4/21/2012	1	1	300	11	11	1	7285	27	1,123.53
4/21/2012	2	1	200	10	10	1	7191	29.98	1,118.76
4/21/2012	3	1	200	8	8	1	7728	29.19	
									1,129.08
4/21/2012	4	1	150	8	8	1	8479	29.38	1,132.32
4/21/2012	5	1	300	9	9	1	8117	28.93	1,133.25
4/21/2012	6	1	150	8	8	1	7217	30.51	1,133.93
4/21/2012	7	1	200	12	12	1	7031	30.67	1,134.41
4/21/2012	8					1	6522	32.75	1,133.78
4/21/2012	9	1	300	15	15	1	6113	46.59	1,133.33
4/21/2012	10			-	-	1	5587	48.6	1,130.42
4/21/2012	12	1	300	20	20	1	4803	58.86	1,130.42
4/21/2012	13	1	300	20	20	1	4484	61.66	1,120.66
4/21/2012	14					1	4949	43.53	1,116.77
4/21/2012	15					1	5433	48.62	1,114.49

4/21/2012	16					1	5191	54.28	1,113.69
4/21/2012	17					1	5632	53.24	1,666.17
4/21/2012	18	1	300	20	20	1	5415	53.92	1,666.28
4/21/2012	19	1	300	19	19	1	5400	54.13	1,664.94
4/21/2012	20	1	200	13	13	1	4939	44.48	1,665.11
4/21/2012	21	1	150	15	15	1	4724	38.93	1,114.89
4/21/2012	22	1	150	12	12	1	6240	27.68	1,114.68
4/21/2012	23	1	150	12	12	1	7126	31.37	1,115.43
4/21/2012	23 24	1	100	8	8	1	8492	27.26	
4/21/2012									1,118.50
	1	1	50	8	8	1	7587	23.91	1,117.33
4/22/2012	2	1	50	8	8	1	7149	31.78	1,121.18
4/22/2012	3	1	50	8	8	1	7474	27.44	1,127.03
4/22/2012	4	1	50	5	5	1	6987	30.32	1,127.90
4/22/2012	5	1	100	8	8	1	7460	30.53	1,127.70
4/22/2012	6	1	50	8	8	1	7362	30.6	1,127.08
4/22/2012	7	1	100	8	8	1	6693	32.17	1,126.78
4/22/2012	8	1	300	15	15	1	6211	24.63	1,126.04
4/22/2012	9	1	300	15	15	1	5768	29.82	1,126.48
4/22/2012	10	1	300	18	18	1	7171	40.91	1,129.09
4/22/2012	11	1	300	14	14	1	6090	45.95	1,121.93
4/22/2012	12					1	6020	45.96	1,123.12
4/22/2012	13					1	5972	46.04	1,120.40
4/22/2012	14					1	6279	41.32	1,666.13
4/22/2012	15					1	6849	41.38	1,665.18
4/22/2012	16	1	300	13	13	1	6760	45.86	1,665.27
4/22/2012	17	•	000	10	10	1	6211	46.34	1,665.38
4/22/2012	18					1	6390	46.43	1,665.98
4/22/2012	19					1	6104	46.79	1,665.98
		1	200	10	10	1			1,668.75
4/22/2012	20	1	200	10	10		6028	30.29	
4/22/2012	21	1	100	10	10	1	5685	29.25	1,118.94
4/22/2012	22	1	150	12	12	1	5838	28.17	1,118.50
4/22/2012	23	1	200	12	12	1	6095	31.86	1,118.10
4/22/2012	24	1	200	12	12	1	7562	29.51	1,120.55
4/23/2012	1	1	100	10	10	1	7402	29.59	1,119.28
4/23/2012	2	1	100	8	8	1	7568	26.9	1,121.03
4/23/2012	3	1	100	8	8	1	7574	29.66	1,127.70
4/23/2012	4	1	100	8	8	1	6941	29.34	1,130.14
4/23/2012	5	1	200	10	10	1	6754	29.5	1,129.43
4/23/2012	6	1	150	10	10	1	5347	36.88	1,128.75
4/23/2012	7	1	300	14	14	1	5882	35.66	1,126.52
4/23/2012	8					1	6527	42.32	1,666.96
4/23/2012	9					1	6434	32.77	1,666.67
4/23/2012	10					1	6381	46.24	1,666.09
4/23/2012	11					1	5962	47.04	1,668.08
4/23/2012	12					1	5963	42.19	1,666.02
4/23/2012	13					1	5983	44.08	1,666.02
4/23/2012	14					1	6081	33.22	1,663.81
4/23/2012	15					1	6270	32.85	1,662.80
4/23/2012									· ·
	16					1	5860	46.31	1,113.28
4/23/2012	17					1	6240	45.72	1,113.85
4/23/2012	18					1	6109	32.25	1,114.03
4/23/2012	19					1	5877	46.68	1,114.29
4/23/2012	20	_				1	5251	46.47	1,115.97
4/23/2012	21	1	100	10	10	1	5412	29.64	1,116.45
4/23/2012	22	1	100	10	10	1	5169	30.38	1,115.36
4/23/2012	23	1	100	10	10	1	5642	25.74	1,118.56
4/23/2012	24	1	100	10	10	1	7013	22.87	1,119.75
4/24/2012	1					1	6061	27.19	1,123.84
4/24/2012	2					1	6819	21.35	1,124.54
4/24/2012	3					1	6563	26.64	1,124.17
4/24/2012	4					1	6245	27.5	1,123.20
4/24/2012	5					1	4854	33.54	1,123.55
4/24/2012	6					1	3532	43.45	1,125.47
	-					-			,

4/24/2012	7					1	4257	36.91	1,124.90
4/24/2012	8					1	5416	32.96	1,664.70
4/24/2012	9	1	200	15	15	1	5169	33.27	1,660.22
4/24/2012	10	1	200	15	15	1	5578	33.56	1,666.06
4/24/2012	11				-	1	5560	48.64	1,676.64
4/24/2012	12	1	200	15	15	1	5492	34.64	1,675.14
		'	200	13	15				
4/24/2012	13					1	5613	34.55	1,677.00
4/24/2012	14					1	5724	47.86	1,675.22
4/24/2012	15					1	5405	35.34	1,675.26
4/24/2012	16					1	5157	52.32	1,676.30
4/24/2012	17					1	5529	49.35	1,678.15
4/24/2012	18					1	5949	34.27	1,676.20
4/24/2012	19					1	5647	34.87	1,677.54
4/24/2012	20					1	4155	48.72	1,129.56
4/24/2012	21					1	4466	47.97	
		4	400	44	44				1,128.94
4/24/2012	22	1	100	11	11	1	4534	25.84	1,126.79
4/24/2012	23					1	4963	42.91	1,124.27
4/24/2012	24					1	6075	42.09	1,127.76
4/25/2012	1					1	6220	45.56	1,125.52
4/25/2012	2					1	6238	45.03	1,128.01
4/25/2012	3					1	6183	45	1,133.40
4/25/2012	4					1	5950	45.83	1,134.85
4/25/2012	5					1	5241	47	1,134.85
4/25/2012									
	6					1	4007	55.73	1,132.23
4/25/2012	7					1	4824	57.04	1,677.04
4/25/2012	8					1	4698	57.1	1,675.24
4/25/2012	9					1	4899	55.88	1,669.66
4/25/2012	10	1	300	18	18	1	4891	52.44	1,674.41
4/25/2012	11	1	300	21	21	1	4094	44.41	1,673.77
4/25/2012	12	1	300	20	20	1	3793	58.94	1,676.59
4/25/2012	13				-	1	2986	71.29	1,675.02
4/25/2012	14					1	2117	80.71	1,674.24
		4	200	20	20				
4/25/2012	15	1	300	20	20	1	2886	71.95	1,678.34
4/25/2012	16					1	2597	73.47	1,680.19
4/25/2012	17					1	2167	73.02	1,132.82
4/25/2012	18					1	2631	65.21	1,130.30
4/25/2012	19	1	300	27	27	1	2852	63.39	1,130.62
4/25/2012	20	1	300	20	20	1	3091	44.38	1,132.73
4/25/2012	21	1	300	18	18	1	2989	44.83	1,132.92
4/25/2012	22	1	400	15	15	1	3393	34.84	1,131.90
4/25/2012	23	1	300	15	15	1	4972	33.43	1,129.83
4/25/2012	24	1	300	14	14	1	5674	31.57	1,134.57
4/26/2012	1	1	200	10	10	1	6685	29.83	1,134.23
4/26/2012	2	1	200	10	10	1	7343	27.04	1,132.50
4/26/2012	3	1	150	9	9	1	7474	26.74	1,135.96
4/26/2012	4	1	200	10	10	1	7170	27.98	1,135.70
4/26/2012	5	1	200	10	10	1	5969	29.31	1,138.55
4/26/2012	6	1	150	15	15	1	4349	39.2	1,139.32
4/26/2012	7	1	300	15	15	1	4390	34.43	1,138.71
4/26/2012	8	1	300	22	22	1	5226	48.43	1,679.71
4/26/2012	9	•	000			1	4812	53.17	1,674.79
		1	200	22	22				
4/26/2012	10	1	300	22	22	1	3437	65.79	1,680.25
4/26/2012	11	1	300	22	22	1	2185	77.74	1,689.49
4/26/2012	12	1	300	24	24	1	2722	48.52	1,686.70
4/26/2012	13					1	2472	70.14	1,685.37
4/26/2012	14	1	300	27	27	1	2398	79.66	1,687.26
4/26/2012	15					1	2687	69.65	1,689.89
4/26/2012	16					1	3308	57.08	1,690.91
4/26/2012	17	1	300	27	27	1	3353	54.97	1,692.06
4/26/2012	18	•	555			1	3132	57.19	1,692.34
						1			
4/26/2012	19	4	400	20	20		2977	61.04	1,692.76
4/26/2012	20	1	400	20	20	1	2202	69.97	1,692.76
4/26/2012	21	1	400	20	20	1	1469	120.01	1,692.70

4/26/2012	22	1	400	20	20	1	1373	52.18	1,136.61
4/26/2012	23	1	400	18	18	1	2331	38.63	1,132.69
4/26/2012	24	1	300	15	15	1	4493	33.85	1,137.13
4/27/2012	1	1	300	15	15	1	5786	36.93	1,132.75
4/27/2012	2	1	200	10	10	1	5969	32.41	1,131.41
4/27/2012	3	1	200	13	13	1	5661	32.82	1,135.80
4/27/2012	4	1	300	10	10	1	6016	31.19	1,139.30
4/27/2012	5	1	300	13	13	1	5525	33.29	1,139.05
4/27/2012	6	1	300	18	18	1	4368	40.68	1,143.15
4/27/2012	7	1	300	20	20	1	4965	34.39	1,143.20
4/27/2012	8	1	300	18	18	1	3889	39.96	1,144.08
4/27/2012	9	1	200	18	18	1	3339	50.57	1,138.90
4/27/2012	10					1	2875	32.94	1,141.18
4/27/2012	11					1	2115	63.1	1,137.78
4/27/2012	12					1	2971	54.64	1,680.37
4/27/2012	13					1	2655	62.66	1,679.90
4/27/2012	14					1	2555	77.03	1,678.35
4/27/2012	15					1	2487	79.39	1,679.33
4/27/2012	16					1	3082	50.04	1,124.62
4/27/2012	17					1	2470	48.43	1,125.76
4/27/2012	18					1	3330	58.46	1,124.64
4/27/2012	19					1	3026	54.97	1,124.03
4/27/2012	20					1	3178	40.24	1,124.39
4/27/2012	21					1	2481	72.26	1,128.26
4/27/2012	22					1	2981	44.93	1,127.90
4/27/2012	23	1	100	12	12	1	4219	57.31	1,125.25
4/27/2012	24					1	6015	46.21	1,128.90
4/28/2012	1					1	7136	35.52	1,128.03
4/28/2012	2					1	7412	37.73	1,131.39
4/28/2012	3					1	7299	44.88	
									1,136.28
4/28/2012	4					1	7309	45.12	1,139.60
4/28/2012	5					1	7545	45.49	1,138.74
4/28/2012	6					1	7301	23.24	1,141.05
4/28/2012	7					1	7728	16.3	1,138.54
4/28/2012	8					1	6977	31.62	1,137.00
4/28/2012	9					1	6286	37.57	1,136.61
4/28/2012	10					1	5720	46.42	1,139.68
4/28/2012	11					1	4759	52.65	1,140.89
									•
4/28/2012	12					1	4358	47.21	1,137.62
4/28/2012	13					1	3609	67.44	1,137.02
4/28/2012	14					1	3284	58.96	1,131.51
4/28/2012	15					1	2237	67.51	1,132.35
4/28/2012	16					1	2691	62.95	1,133.74
4/28/2012	17					1	2409	68.86	1,135.29
4/28/2012	18					1	2571	65.67	1,135.85
4/28/2012	19					1	3356	69.2	1,135.62
		1	100	10	10	1	3714	22.7	•
4/28/2012	20	1	100	18	18				1,135.48
4/28/2012	21	1	100	18	18	1	3639	67.28	1,136.67
4/28/2012	22	1	100	12	12	1	4312	43.31	1,136.95
4/28/2012	23	1	100	11	11	1	5925	36.73	1,133.52
4/28/2012	24					1	7393	34.96	1,136.74
4/29/2012	1					1	8085	24.1	1,137.98
4/29/2012	2					1	8151	27.14	1,140.19
4/29/2012						1			
	3						8436	24.45	1,144.89
4/29/2012	4					1	8292	37.74	1,146.14
4/29/2012	5					1	7983	44.86	1,145.89
4/29/2012	6					1	7622	37.02	1,145.28
4/29/2012	7					1	8245	36.96	1,144.38
4/29/2012	8					1	7107	45.51	1,143.01
4/29/2012	9					1	6014	46.38	1,142.83
4/29/2012	10					1	6094	46.27	1,143.33
4/29/2012	11					1	6016	37.7	1,140.28
4/29/2012	12					1	4961	52.37	1,137.43

4/29/2012	13					1	4822	53.75	1,139.16
4/29/2012	14					1	3671	63.1	1,133.51
4/29/2012	15					1	3843	54.3	1,132.82
4/29/2012	16					1	3221	52.2	1,133.27
4/29/2012	17					1	3520	47.42	1,134.62
4/29/2012	18					1	2995	58.94	1,141.96
4/29/2012	19					1	4150	53.5	1,139.55
4/29/2012	20	1	200	15	15	1	4014	62.11	1,141.93
4/29/2012	21	1	100	15	15	1	3531	43.52	1,144.34
4/29/2012	22					1	3964	43.46	1,144.12
4/29/2012	23	1	100	12	12	1	5477	37.07	1,142.92
4/29/2012	24					1	6157	37.78	1,146.20
4/30/2012	1					1	7425	29.15	1,146.00
4/30/2012	2					1	6491	36.63	1,146.43
4/30/2012	3					1	6938	37.23	1,144.47
4/30/2012	4					1	7503	37.05	1,145.95
4/30/2012	5					1	6786	38.15	1,146.59
4/30/2012	6					1	5950	43.15	1,143.83
4/30/2012	7					1	6487	48.62	1,142.92
4/30/2012	8					1	5951	48.64	1,144.02
4/30/2012	9	1	250	10	10	1	5072	43.63	1,692.58
4/30/2012	10	1	200	10	10	1	4914	45	1,697.22
4/30/2012	11	1	200	18	18	1	3185	62.26	1,699.72
4/30/2012	12	1	150	18	18	1	3408	57.65	1,698.83
4/30/2012	13	1	200	20	20	1	2070	86.29	1,697.57
4/30/2012	14	1	300	25	25	1	2238	72.24	1,697.83
4/30/2012	15					1	1938	72.53	1,698.90
4/30/2012	16					1	1649	145.12	1,698.39
4/30/2012	17	1	300	25	25	1	1923	87.25	1,702.05
4/30/2012	18					1	2263	82.26	1,706.58
4/30/2012	19					1	2822	73.17	1,701.32
4/30/2012	20					1	2737	57.35	1,702.27
4/30/2012	21	1	200	20	20	1	2455	31.89	1,699.28
4/30/2012	22					1	3729	31.94	1,700.67
4/30/2012	23					1	5429	30.1	1,136.21
4/30/2012	24	1	200	16	16	1	6155	29.96	1,138.09

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