

Monthly Bid/Offer Postings

Market: HA  
Product: Non-Firm  
Month: (08/2012)

		Bid	Bid	Bid	Bid	Offer	Offer	Offer	Offer
		Information	Information	Information	Information	Information	Information	Information	Information
Delivery	Delivery	Entity	Total MW	Max Price	Min Price	Entity	Total MW	Min Price	Max Price
Date	Hour								
8/1/2012	1	1	300	20	20	1	4000	40.08	66.46
8/1/2012	2					1	4000	28.98	62.33
8/1/2012	3					1	4000	42.71	57.58
8/1/2012	4					1	4000	42.32	55.28
8/1/2012	5					1	4000	42.65	58.69
8/1/2012	6					1	4000	42.96	60.49
8/1/2012	7					1	4000	43	62.99
8/1/2012	8					1	4000	53.25	90.16
8/1/2012	9	1	250	15	15	1	4000	50.63	113.82
8/1/2012	10	1	300	15	15	1	4000	53.37	157.78
8/1/2012	11	1	300	20	20	1	4000	60.06	729.74
8/1/2012	12	1	250	25	25	1	3861	64.83	1,549.69
8/1/2012	13	1	300	35	35	1	3572	67.64	1,549.03
8/1/2012	14	1	300	30	30	1	2618	80.58	1,551.87
8/1/2012	15	1	300	35	35	1	2461	93.42	1,551.87
8/1/2012	16	1	300	30	30	1	3005	72.15	1,556.94
8/1/2012	17	1	300	30	30	1	2563	84.05	1,555.93
8/1/2012	18	1	300	25	25	1	3323	69.56	1,558.09
8/1/2012	19	1	300	25	25	1	3539	66.59	1,558.86
8/1/2012	20	1	300	30	30	1	4000	49.87	717.13
8/1/2012	21	1	300	30	30	1	3212	55.13	1,050.40
8/1/2012	22	1	300	30	30	1	3738	53.16	1,048.54
8/1/2012	23	1	200	30	30	1	4000	37.45	159.98
8/1/2012	24					1	4000	40.87	98.93
8/2/2012	1					1	4000	53.56	87.51
8/2/2012	2	1	200	15	15	1	4000	36.51	67.58
8/2/2012	3	1	200	17	17	1	4000	29.09	64.4
8/2/2012	4	1	200	17	17	1	4000	28.61	66.12
8/2/2012	5	1	200	17	17	1	4000	36.76	69.85
8/2/2012	6	1	200	17	17	1	4000	38.22	76.16
8/2/2012	7					1	4000	41.76	97.88
8/2/2012	8	1	300	12	12	1	4000	50.1	135.64
8/2/2012	9					1	4000	52.9	158.4
8/2/2012	10	1	250	20	20	1	4000	54.44	157.93
8/2/2012	11	1	250	20	20	1	4000	59.03	727.93
8/2/2012	12	1	300	25	25	1	2514	70.14	1,544.76
8/2/2012	13	1	300	30	30	1	1743	72.33	1,544.86
8/2/2012	14	1	300	30	30	1	1840	87.6	1,545.11
8/2/2012	15	1	300	30	30	1	2546	84.45	1,547.05
8/2/2012	16	1	300	30	30	1	3462	59.29	1,550.43
8/2/2012	17	1	300	30	30	1	3851	57.55	1,549.57
8/2/2012	18	1	250	25	25	1	2883	60.97	1,549.68
8/2/2012	19	1	300	25	25	1	2330	74.54	1,552.92
8/2/2012	20	1	300	30	30	1	4000	49.02	733.91
8/2/2012	21	1	300	30	30	1	4000	44.82	158.17
8/2/2012	22	1	300	27	27	1	4000	43.72	154.6
8/2/2012	23	1	200	26	26	1	4000	36.67	99.24
8/2/2012	24	1	200	20	20	1	4000	36.46	69.7
8/3/2012	1	1	200	17	17	1	4000	37.63	76.33

8/3/2012	2	1	200	15	15	1	4000	28.29	61.67
8/3/2012	3					1	4000	43.14	58.82
8/3/2012	4	1	200	15	15	1	4000	27.28	58.72
8/3/2012	5	1	200	15	15	1	4000	27.3	59.44
8/3/2012	6	1	200	15	15	1	4000	30.96	61.92
8/3/2012	7	1	200	15	15	1	4000	31.73	62.92
8/3/2012	8	1	300	15	15	1	4000	39.82	71.58
8/3/2012	9	1	300	18	18	1	4000	42	95.36
8/3/2012	10	1	300	22	22	1	4000	47.37	125.37
8/3/2012	11	1	300	22	22	1	3905	51.51	1,526.15
8/3/2012	12	1	300	26	26	1	3404	75.04	1,526.15
8/3/2012	13	1	300	32	32	1	3462	69.75	1,526.15
8/3/2012	14	1	300	32	32	1	3427	72.84	1,530.53
8/3/2012	15	1	300	32	32	1	3750	60.17	1,531.69
8/3/2012	16	1	300	33	33	1	4000	60.67	769.71
8/3/2012	17	1	300	32	32	1	3948	61.51	1,530.99
8/3/2012	18	1	300	27	27	1	4000	56.02	766.32
8/3/2012	19	1	300	30	30	1	3553	57.13	1,028.50
8/3/2012	20					1	4000	62.17	729.19
8/3/2012	21					1	4000	60.03	153.78
8/3/2012	22					1	4000	52.99	152.19
8/3/2012	23					1	4000	50.25	117.43
8/3/2012	24					1	4000	38.8	97.78
8/4/2012	1					1	4000	38.14	96.57
8/4/2012	2					1	4000	40.13	74.52
8/4/2012	3					1	4000	44.64	67.58
8/4/2012	4					1	4000	43.59	64.04
8/4/2012	5					1	4000	42.89	60.81
8/4/2012	6					1	4000	42.9	59.99
8/4/2012	7					1	4000	42.83	58.71
8/4/2012	8	1	300	15	15	1	4000	34.48	70.28
8/4/2012	9	1	300	16	16	1	4000	42.75	114.39
8/4/2012	10	1	300	17	17	1	4000	43.1	113.52
8/4/2012	11	1	300	22	22	1	4000	48.37	150.91
8/4/2012	12	1	300	24	24	1	4000	53.54	729.45
8/4/2012	13	1	300	27	27	1	2967	73.71	1,037.44
8/4/2012	14	1	300	30	30	1	2755	71.42	1,036.83
8/4/2012	15	1	300	32	32	1	3141	59.83	1,037.81
8/4/2012	16	1	300	30	30	1	3419	58.75	1,036.81
8/4/2012	17	1	300	32	32	1	2952	81.88	1,036.49
8/4/2012	18	1	300	32	32	1	3038	70.61	1,542.93
8/4/2012	19	1	300	30	30	1	2953	73.92	1,036.14
8/4/2012	20					1	3906	65.63	1,036.04
8/4/2012	21					1	4000	45.8	805.69
8/4/2012	22	1	300	24	24	1	4000	58.88	151.84
8/4/2012	23					1	4000	50.05	114.18
8/4/2012	24	1	200	20	20	1	4000	50.91	95.75
8/5/2012	1					1	4000	38.1	71.72
8/5/2012	2	1	300	18	18	1	4000	39.74	67.26
8/5/2012	3					1	4000	43.3	61.45
8/5/2012	4					1	4000	42.63	59.71
8/5/2012	5					1	4000	42.42	59.51
8/5/2012	6	1	300	17	17	1	4000	42.17	56.02
8/5/2012	7					1	4000	41.64	54.91
8/5/2012	8	1	300	8	8	1	4000	34.67	64.5
8/5/2012	9	1	300	11	11	1	4000	37.05	93.84
8/5/2012	10	1	300	14	14	1	4000	40.45	109.62
8/5/2012	11	1	300	25	25	1	4000	47.37	151.12
8/5/2012	12	1	300	23	23	1	4000	55.48	755.01
8/5/2012	13	1	300	26	26	1	4000	57.92	803.4
8/5/2012	14	1	300	28	28	1	3290	63.85	1,542.14
8/5/2012	15	1	300	24	24	1	3212	64.45	1,543.94
8/5/2012	16	1	300	30	30	1	3686	60.55	1,546.04

8/5/2012	17	1	300	27	27	1	2962	62.32	1,045.45
8/5/2012	18	1	300	27	27	1	2791	63.24	1,047.87
8/5/2012	19	1	300	26	26	1	2683	67.77	1,047.51
8/5/2012	20					1	2986	72.37	1,046.33
8/5/2012	21					1	3543	58.71	1,048.81
8/5/2012	22					1	3791	56.34	1,048.81
8/5/2012	23	1	300	20	20	1	4000	50.3	151.39
8/5/2012	24	1	300	17	17	1	4000	38.41	94.17
8/6/2012	1					1	4000	39.89	75.18
8/6/2012	2					1	4000	49.37	67.04
8/6/2012	3	1	300	15	15	1	4000	43.73	65.99
8/6/2012	4	1	200	15	15	1	4000	42.96	64.76
8/6/2012	5	1	300	14	14	1	4000	46.75	65.06
8/6/2012	6	1	300	17	17	1	4000	53.43	77.33
8/6/2012	7	1	300	18	18	1	4000	54.53	93.9
8/6/2012	8					1	4000	54.89	94.49
8/6/2012	9					1	4000	56.19	109.01
8/6/2012	10					1	4000	60.38	150.51
8/6/2012	11					1	3545	77.7	1,536.94
8/6/2012	12					1	3421	77.42	1,536.94
8/6/2012	13	1	200	34	34	1	3182	66.51	1,540.21
8/6/2012	14	1	200	32	32	1	3439	66.52	1,541.66
8/6/2012	15					1	4000	68.68	806.42
8/6/2012	16					1	4000	55.34	807.37
8/6/2012	17	1	200	30	30	1	4000	53.05	731.12
8/6/2012	18					1	3995	70.11	1,542.09
8/6/2012	19					1	3705	59.26	1,542.12
8/6/2012	20	1	300	35	35	1	4000	55.18	760.98
8/6/2012	21					1	4000	66.61	151.57
8/6/2012	22					1	4000	46.52	150.91
8/6/2012	23	1	300	23	23	1	4000	50.52	94.76
8/6/2012	24					1	4000	38.62	69.83
8/7/2012	1	1	200	20	20	1	4000	29.29	67.7
8/7/2012	2					1	4000	43.68	63.95
8/7/2012	3					1	4000	32.47	60.73
8/7/2012	4					1	4000	42.94	60.96
8/7/2012	5					1	4000	44.03	64.1
8/7/2012	6	1	200	15	15	1	4000	38.71	69.31
8/7/2012	7	1	300	18	18	1	4000	41.46	72.84
8/7/2012	8					1	4000	42.34	95.42
8/7/2012	9					1	4000	55.54	112.28
8/7/2012	10					1	4000	60.04	150.7
8/7/2012	11					1	4000	64.87	151.42
8/7/2012	12	1	200	24	24	1	3296	92.47	1,544.04
8/7/2012	13					1	3422	81.18	1,545.28
8/7/2012	14	1	100	30	30	1	3695	59.64	1,547.97
8/7/2012	15					1	4000	67.97	773.24
8/7/2012	16					1	4000	65.71	744.49
8/7/2012	17					1	4000	65.05	739.93
8/7/2012	18					1	4000	67.71	775.48
8/7/2012	19					1	3957	72.17	1,546.12
8/7/2012	20	1	200	30	30	1	4000	46.67	743.24
8/7/2012	21	1	200	30	30	1	4000	53.61	762.36
8/7/2012	22					1	4000	49.58	151.94
8/7/2012	23					1	4000	39.45	151.16
8/7/2012	24	1	200	20	20	1	4000	38.32	93.88
8/8/2012	1					1	4000	21.04	69.64
8/8/2012	2					1	4000	43.27	62.17
8/8/2012	3					1	4000	43.04	60.82
8/8/2012	4					1	4000	42.99	60.73
8/8/2012	5					1	4000	43.25	61.74
8/8/2012	6	1	200	16	16	1	4000	40.1	70.49
8/8/2012	7	1	200	18	18	1	4000	39.2	92.72

8/8/2012	8	1	300	16	16	1	4000	38.72	112.1
8/8/2012	9	1	300	20	20	1	4000	42.76	150.59
8/8/2012	10	1	300	21	21	1	4000	44.38	152.23
8/8/2012	11	1	300	25	25	1	3770	46.28	1,577.92
8/8/2012	12	1	300	28	28	1	3415	65.55	1,578.86
8/8/2012	13	1	300	28	28	1	2679	64.93	1,580.84
8/8/2012	14	1	300	33	33	1	2739	62.81	1,582.87
8/8/2012	15	1	300	34	34	1	3294	72.86	1,584.89
8/8/2012	16	1	300	33	33	1	3255	71.1	1,583.36
8/8/2012	17	1	300	30	30	1	3311	71.35	1,582.34
8/8/2012	18	1	300	28	28	1	2997	79.35	1,581.04
8/8/2012	19	1	300	27	27	1	2960	69.46	1,061.00
8/8/2012	20					1	3941	60.11	1,061.53
8/8/2012	21					1	3651	61.5	1,061.53
8/8/2012	22					1	3497	57.33	1,065.18
8/8/2012	23					1	4000	50.72	152.88
8/8/2012	24					1	4000	50.59	120.71
8/9/2012	1					1	4000	38.85	69.2
8/9/2012	2					1	4000	49.24	66.88
8/9/2012	3					1	4000	43.35	61.06
8/9/2012	4					1	4000	42.93	59.92
8/9/2012	5					1	4000	43.55	62.59
8/9/2012	6					1	4000	52.35	71.28
8/9/2012	7					1	4000	49.96	77.63
8/9/2012	8	1	300	18	18	1	4000	43.55	95.08
8/9/2012	9	1	300	17	17	1	4000	43.12	137.75
8/9/2012	10	1	300	20	20	1	4000	52.51	151.54
8/9/2012	11	1	300	24	24	1	3875	62.28	1,584.73
8/9/2012	12	1	300	25	25	1	2810	64.81	1,583.89
8/9/2012	13	1	300	30	30	1	2068	65.27	1,583.77
8/9/2012	14	1	300	22	22	1	2447	67.09	1,584.08
8/9/2012	15	1	250	20	20	1	2924	69.13	1,585.26
8/9/2012	16	1	300	25	25	1	2578	60.65	1,583.50
8/9/2012	17					1	3029	62.06	1,582.57
8/9/2012	18	1	250	20	20	1	4000	60.36	840.45
8/9/2012	19	1	200	20	20	1	4000	58.56	790.06
8/9/2012	20					1	4000	59.37	749.68
8/9/2012	21					1	3892	55.53	1,055.21
8/9/2012	22					1	4000	52.41	151.96
8/9/2012	23					1	4000	49.9	96.64
8/9/2012	24					1	4000	49.93	94.85
8/10/2012	1					1	4000	38.32	71.5
8/10/2012	2					1	4000	43.69	64.5
8/10/2012	3					1	4000	42.39	56.92
8/10/2012	4					1	4000	41.73	56.16
8/10/2012	5					1	4000	42.56	56.72
8/10/2012	6					1	4000	46.84	62.92
8/10/2012	7					1	4000	42.88	62.46
8/10/2012	8	1	300	20	20	1	4000	35.55	93.23
8/10/2012	9	1	300	20	20	1	4000	37.89	94.43
8/10/2012	10	1	300	20	20	1	4000	39.16	132.74
8/10/2012	11	1	300	20	20	1	4000	42.28	152.85
8/10/2012	12	1	300	24	24	1	4000	43.88	152.87
8/10/2012	13	1	300	24	24	1	4000	47.34	749.67
8/10/2012	14	1	300	24	24	1	4000	45.14	762.57
8/10/2012	15	1	300	26	26	1	4000	43.89	153.04
8/10/2012	16	1	300	28	28	1	4000	45.05	153.63
8/10/2012	17					1	4000	64.48	757.93
8/10/2012	18	1	300	30	30	1	4000	66.13	767.63
8/10/2012	19	1	300	30	30	1	4000	48.82	758.84
8/10/2012	20	1	300	24	24	1	4000	48.56	153.09
8/10/2012	21	1	300	24	24	1	4000	39.71	152.89
8/10/2012	22	1	300	24	24	1	4000	39.67	112.63

8/10/2012	23					1	4000	39.72	122.89
8/10/2012	24					1	4000	30.58	94.16
8/11/2012	1	1	300	15	15	1	4000	28.53	63.79
8/11/2012	2	1	100	15	15	1	4000	32.32	62.36
8/11/2012	3					1	4000	31.98	59.44
8/11/2012	4					1	4000	31.66	58.84
8/11/2012	5					1	4000	28.72	56.66
8/11/2012	6					1	4000	42.39	59.28
8/11/2012	7					1	4000	30.29	55.1
8/11/2012	8					1	4000	31.77	60.38
8/11/2012	9					1	4000	48.45	92.74
8/11/2012	10	1	300	17	17	1	4000	53.65	94.16
8/11/2012	11					1	4000	55.08	113.66
8/11/2012	12					1	4000	59.43	150.32
8/11/2012	13					1	4000	61.03	151.24
8/11/2012	14	1	300	29	29	1	4000	60.46	150.63
8/11/2012	15	1	300	29	29	1	4000	61.14	151.36
8/11/2012	16					1	4000	62	764.8
8/11/2012	17	1	300	29	29	1	4000	61.71	738.44
8/11/2012	18	1	300	28	28	1	3669	69.74	1,086.63
8/11/2012	19	1	300	25	25	1	4000	66.95	812.71
8/11/2012	20					1	4000	60.9	151.68
8/11/2012	21	1	300	24	24	1	4000	39.75	151.03
8/11/2012	22					1	4000	47.8	110.85
8/11/2012	23	1	300	20	20	1	4000	37.5	95.48
8/11/2012	24					1	4000	48.54	67.68
8/12/2012	1	1	100	10	10	1	4000	27.21	61.32
8/12/2012	2					1	4000	42.12	60.58
8/12/2012	3					1	4000	39.61	59.27
8/12/2012	4					1	4000	37.55	60
8/12/2012	5					1	4000	42.26	59.36
8/12/2012	6					1	4000	42.37	59.59
8/12/2012	7					1	4000	31.71	59.66
8/12/2012	8					1	4000	42.98	69.03
8/12/2012	9	1	300	12	12	1	4000	56.18	149.89
8/12/2012	10	1	300	16	16	1	4000	55.41	115.71
8/12/2012	11	1	300	20	20	1	4000	54.81	110.92
8/12/2012	12					1	4000	58.84	150.4
8/12/2012	13					1	4000	61.04	151.41
8/12/2012	14	1	300	27	27	1	3754	67.84	1,088.39
8/12/2012	15					1	2796	86.39	1,089.89
8/12/2012	16					1	2793	81.28	1,088.74
8/12/2012	17	1	300	28	28	1	2918	83.6	1,088.80
8/12/2012	18					1	3298	72.94	1,089.10
8/12/2012	19					1	3739	67.4	1,087.47
8/12/2012	20	1	300	28	28	1	4000	49.51	768.52
8/12/2012	21	1	300	28	28	1	4000	49.16	781.67
8/12/2012	22	1	300	24	24	1	4000	49.66	150.69
8/12/2012	23					1	4000	39.23	94.57
8/12/2012	24	1	200	18	18	1	4000	27.63	65.44
8/13/2012	1					1	4000	27.35	71.24
8/13/2012	2	1	100	10	10	1	4000	32.54	64.07
8/13/2012	3					1	4000	31.75	60
8/13/2012	4					1	4000	41.92	59.57
8/13/2012	5	1	100	8	8	1	4000	31.93	61.11
8/13/2012	6	1	100	10	10	1	4000	36.6	71.15
8/13/2012	7	1	200	14	14	1	4000	39.49	87.12
8/13/2012	8	1	200	17	17	1	4000	39.42	94.46
8/13/2012	9	1	300	17	17	1	4000	40.15	103.74
8/13/2012	10	1	300	17	17	1	4000	42.38	149.96
8/13/2012	11	1	300	20	20	1	4000	48.24	771.32
8/13/2012	12	1	300	26	26	1	3956	35.51	1,620.10
8/13/2012	13	1	300	28	28	1	3422	64.99	1,618.81

8/13/2012	14	1	300	30	30	1	3183	64.52	1,620.23
8/13/2012	15	1	300	28	28	1	3407	66.87	1,621.87
8/13/2012	16	1	300	30	30	1	3406	67.05	1,620.41
8/13/2012	17	1	300	30	30	1	4000	52.04	801.29
8/13/2012	18	1	300	26	26	1	4000	53.4	844.81
8/13/2012	19	1	300	26	26	1	3233	56.57	1,082.33
8/13/2012	20	1	200	20	20	1	4000	54.13	771.52
8/13/2012	21					1	4000	60.5	151.15
8/13/2012	22	1	300	18	18	1	4000	45.32	112.46
8/13/2012	23	1	250	15	15	1	4000	45.17	115.73
8/13/2012	24	1	200	14	14	1	4000	36.96	64.6
8/14/2012	1					1	4000	37.73	92.97
8/14/2012	2	1	250	12	12	1	4000	34.4	69.87
8/14/2012	3	1	200	12	12	1	4000	36.07	60.88
8/14/2012	4	1	200	12	12	1	4000	34.81	59.89
8/14/2012	5	1	200	12	12	1	4000	36.7	61.18
8/14/2012	6	1	100	12	12	1	4000	38.53	68.51
8/14/2012	7					1	4000	52.32	72.39
8/14/2012	8	1	300	17	17	1	4000	38.88	93.25
8/14/2012	9	1	300	17	17	1	4000	40.06	116.02
8/14/2012	10					1	4000	58.44	149.3
8/14/2012	11	1	300	20	20	1	4000	33.44	806.69
8/14/2012	12					1	3394	71.81	1,638.02
8/14/2012	13	1	300	25	25	1	3949	54.25	1,641.72
8/14/2012	14	1	300	28	28	1	3771	55	1,641.72
8/14/2012	15	1	300	30	30	1	4000	54.18	856.72
8/14/2012	16					1	4000	67.96	808.19
8/14/2012	17					1	3586	64.04	1,639.79
8/14/2012	18	1	300	30	30	1	2816	52.98	1,641.13
8/14/2012	19	1	300	30	30	1	3003	53.72	1,641.22
8/14/2012	20	1	300	25	25	1	3421	67.18	1,641.20
8/14/2012	21	1	300	20	20	1	4000	60.93	777.15
8/14/2012	22	1	250	20	20	1	4000	53.88	150.41
8/14/2012	23	1	300	20	20	1	4000	48.2	149.9
8/14/2012	24	1	150	15	15	1	4000	42.13	95.02
8/15/2012	1	1	250	15	15	1	4000	37.54	74.25
8/15/2012	2	1	300	12	12	1	4000	34.33	64.13
8/15/2012	3	1	300	12	12	1	4000	36.05	60.38
8/15/2012	4	1	250	12	12	1	4000	36.41	60.74
8/15/2012	5	1	200	12	12	1	4000	36.83	63.03
8/15/2012	6	1	150	12	12	1	4000	42.19	93.44
8/15/2012	7	1	250	15	15	1	4000	39.86	95.15
8/15/2012	8					1	4000	56.26	149.01
8/15/2012	9	1	100	22	22	1	4000	50.39	149.64
8/15/2012	10					1	3765	51.08	1,640.35
8/15/2012	11					1	3405	82.85	1,627.89
8/15/2012	12					1	2439	80.21	1,627.40
8/15/2012	13					1	1598	149.86	1,627.40
8/15/2012	14					1	3256	59.6	1,628.04
8/15/2012	15					1	3711	72.09	1,629.81
8/15/2012	16					1	3711	59.52	1,632.13
8/15/2012	17	1	100	30	30	1	4000	69.17	810.53
8/15/2012	18					1	3709	73.06	1,634.66
8/15/2012	19					1	3859	71.52	1,634.18
8/15/2012	20					1	4000	70.69	808.51
8/15/2012	21					1	3344	72.47	1,090.38
8/15/2012	22					1	4000	51.22	774.36
8/15/2012	23					1	4000	37.44	150.55
8/15/2012	24	1	200	16	16	1	4000	38.39	150.05
8/16/2012	1					1	4000	37.76	74.1
8/16/2012	2					1	4000	43.15	66.82
8/16/2012	3					1	4000	41.94	61.04
8/16/2012	4					1	4000	41.87	59.12

8/16/2012	5					1	4000	42.52	62.46
8/16/2012	6					1	4000	36.32	73.05
8/16/2012	7	1	300	18	18	1	4000	41.33	101.86
8/16/2012	8	1	100	17	17	1	4000	47.12	149.75
8/16/2012	9	1	200	21	21	1	4000	48.79	150.35
8/16/2012	10	1	300	23	23	1	3868	58.89	1,629.16
8/16/2012	11	1	300	27	27	1	3470	79.51	1,622.25
8/16/2012	12	1	300	29	29	1	2313	75.01	1,623.90
8/16/2012	13	1	300	36	36	1	2190	80.18	1,624.64
8/16/2012	14	1	300	34	34	1	2906	67.64	1,623.59
8/16/2012	15	1	300	36	36	1	2792	60.89	1,624.59
8/16/2012	16	1	300	36	36	1	2957	57.32	1,627.37
8/16/2012	17	1	300	35	35	1	3055	68.36	1,628.58
8/16/2012	18	1	300	34	34	1	2855	71.43	1,630.67
8/16/2012	19	1	200	32	32	1	2904	60.14	1,628.52
8/16/2012	20					1	3501	58.1	1,626.01
8/16/2012	21	1	300	28	28	1	2413	59.18	1,083.86
8/16/2012	22	1	200	25	25	1	3854	51.62	1,088.10
8/16/2012	23					1	4000	48.13	149.24
8/16/2012	24	1	200	18	18	1	4000	36.71	96.22
8/17/2012	1					1	4000	43.92	70.9
8/17/2012	2					1	4000	31.92	60.86
8/17/2012	3					1	4000	39.54	52.5
8/17/2012	4					1	4000	40.82	55.12
8/17/2012	5					1	4000	42.08	61.21
8/17/2012	6					1	4000	43.33	71.28
8/17/2012	7					1	4000	39.36	93.45
8/17/2012	8	1	200	17	17	1	4000	41.11	148.63
8/17/2012	9	1	300	17	17	1	4000	42.71	148.8
8/17/2012	10	1	300	20	20	1	4000	43.59	150.36
8/17/2012	11	1	300	24	24	1	3532	57.33	1,634.78
8/17/2012	12	1	300	28	28	1	2442	61.39	1,634.97
8/17/2012	13	1	300	30	30	1	2706	59.66	1,635.31
8/17/2012	14	1	300	30	30	1	3431	62.07	1,634.33
8/17/2012	15	1	200	28	28	1	4000	44.69	772.73
8/17/2012	16	1	300	26	26	1	4000	43.91	150.79
8/17/2012	17	1	200	26	26	1	3778	53.98	1,632.14
8/17/2012	18	1	200	26	26	1	4000	53.36	1,633.08
8/17/2012	19	1	200	26	26	1	4000	47.93	866.63
8/17/2012	20					1	4000	60.61	150.13
8/17/2012	21	1	150	15	15	1	4000	46.61	150.1
8/17/2012	22	1	200	15	15	1	4000	48.1	96.4
8/17/2012	23	1	100	15	15	1	4000	47.67	73.36
8/17/2012	24	1	300	14	14	1	4000	45.9	65.62
8/18/2012	1	1	300	12	12	1	4000	37.11	65.37
8/18/2012	2	1	300	12	12	1	4000	33.13	63.32
8/18/2012	3	1	200	12	12	1	4000	35.36	54.54
8/18/2012	4					1	4000	33.11	53.91
8/18/2012	5					1	4000	38.42	51.04
8/18/2012	6					1	4000	33.65	53.49
8/18/2012	7					1	4000	38.22	50.6
8/18/2012	8					1	4000	25.52	54.9
8/18/2012	9	1	200	14	14	1	4000	27.33	65.93
8/18/2012	10					1	4000	47.83	93.04
8/18/2012	11					1	4000	51.89	105.6
8/18/2012	12	1	200	20	20	1	4000	37.46	148.69
8/18/2012	13	1	200	24	24	1	4000	42.36	149.23
8/18/2012	14	1	300	26	26	1	4000	44.31	782.26
8/18/2012	15	1	300	30	30	1	4000	51.82	824.26
8/18/2012	16	1	300	30	30	1	3803	53.49	1,659.72
8/18/2012	17	1	300	30	30	1	3894	52.98	1,658.62
8/18/2012	18					1	4000	71.31	877.97
8/18/2012	19	1	300	28	28	1	4000	44.12	150.15

8/18/2012	20					1	4000	49.65	149.53
8/18/2012	21	1	200	15	15	1	4000	40.93	106.08
8/18/2012	22	1	250	15	15	1	4000	41.02	96.72
8/18/2012	23	1	300	15	15	1	4000	40.93	68.44
8/18/2012	24	1	300	15	15	1	4000	38.68	62.23
8/19/2012	1					1	4000	38.06	60.09
8/19/2012	2					1	4000	43.82	66.45
8/19/2012	3	1	250	12	12	1	4000	37.38	63.22
8/19/2012	4					1	4000	42.92	61.7
8/19/2012	5	1	300	12	12	1	4000	37.16	61.12
8/19/2012	6	1	150	10	10	1	4000	43.18	63.11
8/19/2012	7					1	4000	42.79	61.11
8/19/2012	8	1	200	14	14	1	4000	31.71	70.39
8/19/2012	9	1	200	14	14	1	4000	41.07	104.88
8/19/2012	10	1	200	18	18	1	4000	35.78	95.16
8/19/2012	11					1	4000	54.81	105.5
8/19/2012	12	1	200	20	20	1	4000	38.41	105.29
8/19/2012	13	1	200	20	20	1	4000	38.42	109.97
8/19/2012	14	1	200	20	20	1	4000	39.34	106.62
8/19/2012	15	1	200	20	20	1	4000	40.24	107.29
8/19/2012	16	1	200	20	20	1	4000	38.4	106.69
8/19/2012	17	1	200	20	20	1	4000	39.32	106.7
8/19/2012	18	1	200	20	20	1	4000	40.41	106.34
8/19/2012	19					1	4000	49.47	100.66
8/19/2012	20	1	300	18	18	1	4000	47.36	109.21
8/19/2012	21	1	300	15	15	1	4000	45.27	97.47
8/19/2012	22	1	300	15	15	1	4000	47.23	80.78
8/19/2012	23	1	300	15	15	1	4000	36.44	72.33
8/19/2012	24					1	4000	36.62	65.65
8/20/2012	1	1	250	12	12	1	4000	37.03	82.86
8/20/2012	2	1	200	10	10	1	4000	37.25	65.79
8/20/2012	3	1	200	8	8	1	4000	38.7	58.34
8/20/2012	4	1	200	10	10	1	4000	33.9	55.53
8/20/2012	5					1	4000	37.28	73.27
8/20/2012	6					1	4000	54.84	149.54
8/20/2012	7	1	250	12	12	1	4000	50.94	111.42
8/20/2012	8	1	300	17	17	1	4000	34.69	93.6
8/20/2012	9	1	300	19	19	1	4000	40.41	106.07
8/20/2012	10	1	300	20	20	1	4000	40.58	109.54
8/20/2012	11	1	300	20	20	1	4000	48.12	149.39
8/20/2012	12	1	300	25	25	1	4000	52.05	816.12
8/20/2012	13	1	300	27	27	1	3876	55.45	1,658.91
8/20/2012	14	1	300	29	29	1	3948	55.67	1,656.30
8/20/2012	15	1	300	31	31	1	3907	56.42	1,655.54
8/20/2012	16	1	300	29	29	1	3885	56.42	1,655.85
8/20/2012	17	1	300	26	26	1	3970	54.87	1,654.40
8/20/2012	18	1	300	27	27	1	3475	55.68	1,100.96
8/20/2012	19	1	300	26	26	1	4000	50.25	792.64
8/20/2012	20					1	4000	62.51	149.79
8/20/2012	21					1	4000	60.03	149.16
8/20/2012	22					1	4000	48.32	97.75
8/20/2012	23					1	4000	47.08	80.33
8/20/2012	24					1	4000	36.94	68.26
8/21/2012	1					1	4000	44.45	66.88
8/21/2012	2					1	4000	42.5	62.11
8/21/2012	3					1	4000	40.5	56.22
8/21/2012	4					1	4000	41.01	58.21
8/21/2012	5					1	4000	42.74	66.51
8/21/2012	6					1	4000	49.47	93.54
8/21/2012	7					1	4000	50.61	94.18
8/21/2012	8	1	300	13	13	1	4000	40.27	110.26
8/21/2012	9	1	300	16	16	1	4000	38.43	127.5
8/21/2012	10	1	300	16	16	1	4000	39.26	149.07



8/21/2012	11	1	300	19	19	1	4000	39.98	149.85
8/21/2012	12	1	300	24	24	1	4000	48.85	150.52
8/21/2012	13	1	300	27	27	1	4000	54.53	884.55
8/21/2012	14	1	300	27	27	1	3737	55.76	1,667.88
8/21/2012	15	1	300	28	28	1	4000	51.75	831.34
8/21/2012	16	1	300	25	25	1	4000	52.25	786.28
8/21/2012	17	1	300	24	24	1	4000	51.19	788.81
8/21/2012	18	1	300	28	28	1	3239	59.86	1,114.16
8/21/2012	19	1	300	28	28	1	3503	57.69	1,113.84
8/21/2012	20					1	4000	64.19	799.56
8/21/2012	21					1	4000	60.41	150.8
8/21/2012	22					1	4000	49.02	150.25
8/21/2012	23					1	4000	47.6	113.46
8/21/2012	24					1	4000	49.32	93.69
8/22/2012	1					1	4000	38.57	63.34
8/22/2012	2					1	4000	42.78	61.08
8/22/2012	3					1	4000	39.39	56.37
8/22/2012	4					1	4000	41.18	60.64
8/22/2012	5					1	4000	42.79	65.13
8/22/2012	6					1	4000	55.68	94.17
8/22/2012	7					1	4000	48.06	111.31
8/22/2012	8	1	300	20	20	1	4000	37.98	132.85
8/22/2012	9	1	300	20	20	1	4000	41.67	107.74
8/22/2012	10	1	300	18	18	1	4000	42.82	150.11
8/22/2012	11	1	300	20	20	1	3983	37.16	1,663.34
8/22/2012	12	1	300	26	26	1	3764	38.06	1,662.29
8/22/2012	13	1	300	28	28	1	3444	64.34	1,663.17
8/22/2012	14					1	3120	63.53	1,662.75
8/22/2012	15	1	300	34	34	1	3277	64.21	1,663.45
8/22/2012	16	1	300	32	32	1	3678	56.56	1,661.80
8/22/2012	17	1	300	30	30	1	4000	51.87	822.55
8/22/2012	18	1	300	26	26	1	4000	52.15	834.74
8/22/2012	19	1	300	26	26	1	4000	45.45	150.62
8/22/2012	20					1	4000	61.24	789.57
8/22/2012	21	1	200	20	20	1	4000	54.68	788.71
8/22/2012	22					1	4000	47.82	149.89
8/22/2012	23					1	4000	48.51	149.53
8/22/2012	24					1	4000	38.72	93.51
8/23/2012	1	1	300	12	12	1	4000	37.25	60.8
8/23/2012	2					1	4000	41.86	59.91
8/23/2012	3					1	4000	38.75	55.13
8/23/2012	4	1	200	12	12	1	4000	30.75	55.62
8/23/2012	5	1	100	10	10	1	4000	33.75	63.14
8/23/2012	6	1	100	10	10	1	4000	39.26	149.43
8/23/2012	7	1	200	10	10	1	4000	42.65	98.99
8/23/2012	8	1	200	20	20	1	4000	36.02	109.96
8/23/2012	9	1	200	18	18	1	4000	36.7	149.09
8/23/2012	10	1	200	18	18	1	4000	43.61	148.96
8/23/2012	11	1	200	22	22	1	4000	46.98	149.78
8/23/2012	12					1	3794	50.52	1,665.41
8/23/2012	13	1	200	32	32	1	2607	67.46	1,665.12
8/23/2012	14	1	200	32	32	1	2516	68.12	1,663.55
8/23/2012	15					1	3081	83.21	1,664.17
8/23/2012	16	1	200	30	30	1	3720	59.38	1,665.33
8/23/2012	17					1	3995	67.89	1,666.54
8/23/2012	18	1	200	30	30	1	3846	57.69	1,668.22
8/23/2012	19					1	3941	55.91	1,669.26
8/23/2012	20	1	250	20	20	1	4000	61.53	803.15
8/23/2012	21	1	200	20	20	1	4000	53.17	799.54
8/23/2012	22	1	300	20	20	1	4000	48.86	149.37
8/23/2012	23					1	4000	48.62	115.98
8/23/2012	24	1	300	12	12	1	4000	37.23	68.46
8/24/2012	1					1	4000	37.4	64.44

8/24/2012	2	1	300	12	12	1	4000	34.22	62.21
8/24/2012	3	1	250	10	10	1	4000	33.32	57.65
8/24/2012	4	1	150	10	10	1	4000	31.78	54.71
8/24/2012	5					1	4000	33.63	59.41
8/24/2012	6	1	100	10	10	1	4000	41.16	149.45
8/24/2012	7	1	250	12	12	1	4000	52.87	94.2
8/24/2012	8	1	300	16	16	1	4000	36.9	94.59
8/24/2012	9	1	300	17	17	1	4000	37.09	133.74
8/24/2012	10	1	300	18	18	1	4000	37.59	149.71
8/24/2012	11	1	300	22	22	1	4000	49.42	823.83
8/24/2012	12	1	300	27	27	1	3048	61.02	1,677.22
8/24/2012	13	1	300	28	28	1	3370	61.45	1,677.70
8/24/2012	14	1	300	31	31	1	3105	62.22	1,679.43
8/24/2012	15	1	300	30	30	1	3707	54.45	1,677.89
8/24/2012	16	1	300	31	31	1	3523	60.42	1,679.77
8/24/2012	17	1	300	31	31	1	3467	65.03	1,680.57
8/24/2012	18					1	3086	62.67	1,116.00
8/24/2012	19	1	300	30	30	1	3501	57.77	1,116.28
8/24/2012	20					1	3893	66.93	1,117.36
8/24/2012	21					1	4000	57.29	806.38
8/24/2012	22					1	4000	60.26	150.37
8/24/2012	23	1	300	22	22	1	4000	49.05	116.18
8/24/2012	24					1	4000	48.79	70.89
8/25/2012	1	1	300	19	19	1	4000	37.68	68.13
8/25/2012	2					1	4000	44.48	67.64
8/25/2012	3	1	200	16	16	1	4000	42.85	60.76
8/25/2012	4					1	4000	42.47	59.97
8/25/2012	5					1	4000	42.55	60.48
8/25/2012	6					1	4000	42.68	61.69
8/25/2012	7					1	4000	42.27	60.15
8/25/2012	8	1	150	12	12	1	4000	28.21	69.42
8/25/2012	9	1	200	14	14	1	4000	33.41	94.6
8/25/2012	10	1	200	14	14	1	4000	36.01	148.73
8/25/2012	11	1	300	17	17	1	4000	40.04	149.81
8/25/2012	12	1	300	22	22	1	4000	37.74	883.64
8/25/2012	13	1	300	26	26	1	2979	65.22	1,128.37
8/25/2012	14	1	300	32	32	1	2966	66.36	1,127.28
8/25/2012	15	1	300	28	28	1	3017	63.07	1,126.96
8/25/2012	16	1	300	30	30	1	2997	64.47	1,128.05
8/25/2012	17	1	300	30	30	1	3143	56.88	1,129.18
8/25/2012	18	1	300	27	27	1	3453	57.26	1,127.67
8/25/2012	19	1	300	24	24	1	4000	51.15	812.2
8/25/2012	20					1	4000	60.63	805.01
8/25/2012	21					1	4000	55.36	805.85
8/25/2012	22					1	4000	47.96	149.36
8/25/2012	23					1	4000	47.12	94.33
8/25/2012	24					1	4000	36.02	70.37
8/26/2012	1					1	4000	38.89	92.71
8/26/2012	2					1	4000	43.2	67.6
8/26/2012	3					1	4000	42.91	61.63
8/26/2012	4					1	4000	36.72	59.14
8/26/2012	5					1	4000	41.56	58.35
8/26/2012	6					1	4000	42.37	60.16
8/26/2012	7					1	4000	42.42	60.71
8/26/2012	8	1	50	8	8	1	4000	28.92	92.48
8/26/2012	9	1	100	12	12	1	4000	33.87	114.71
8/26/2012	10	1	150	16	16	1	4000	32.52	93.34
8/26/2012	11	1	300	16	16	1	4000	41.38	149.98
8/26/2012	12	1	300	18	18	1	4000	37.98	149.37
8/26/2012	13	1	300	20	20	1	4000	44.98	150.17
8/26/2012	14	1	300	24	24	1	3114	59.04	1,136.59
8/26/2012	15	1	300	28	28	1	3054	57.98	1,137.68
8/26/2012	16	1	300	30	30	1	2637	56.9	1,137.34

8/26/2012	17	1	300	31	31	1	3191	59.35	1,135.18
8/26/2012	18	1	300	30	30	1	3364	71.15	1,137.72
8/26/2012	19	1	300	25	25	1	4000	59.86	150.43
8/26/2012	20					1	4000	56.88	150.4
8/26/2012	21	1	300	26	26	1	4000	56.72	150.4
8/26/2012	22					1	4000	54.49	149.69
8/26/2012	23					1	4000	47.4	106.22
8/26/2012	24					1	4000	36.27	75.08
8/27/2012	1	1	300	15	15	1	4000	36.71	73.65
8/27/2012	2	1	200	14	14	1	4000	43.5	74.07
8/27/2012	3	1	100	13	13	1	4000	42.83	64.06
8/27/2012	4	1	100	14	14	1	4000	30.29	69.19
8/27/2012	5	1	100	14	14	1	4000	48.41	93.07
8/27/2012	6	1	200	14	14	1	4000	57.7	130.36
8/27/2012	7	1	200	15	15	1	4000	58.17	149.09
8/27/2012	8					1	4000	59.87	149.61
8/27/2012	9					1	4000	56.67	148.93
8/27/2012	10	1	200	20	20	1	4000	47.06	149.54
8/27/2012	11					1	3407	73.09	1,683.65
8/27/2012	12	1	200	20	20	1	2775	76.45	1,683.03
8/27/2012	13					1	3114	37.28	1,682.02
8/27/2012	14					1	2663	76.7	1,682.62
8/27/2012	15	1	300	30	30	1	2811	74.52	1,683.44
8/27/2012	16	1	300	30	30	1	2703	74.29	1,686.40
8/27/2012	17					1	2563	73.99	1,686.40
8/27/2012	18	1	300	30	30	1	2665	57.73	1,142.22
8/27/2012	19					1	2763	70.33	1,141.04
8/27/2012	20					1	2492	59.37	1,140.19
8/27/2012	21	1	200	20	20	1	3064	53.64	1,140.19
8/27/2012	22					1	3797	46.81	1,138.86
8/27/2012	23					1	4000	49.07	95.61
8/27/2012	24	1	100	15	15	1	4000	36.85	69.68
8/28/2012	1					1	4000	38.81	65.24
8/28/2012	2					1	4000	42.94	61.56
8/28/2012	3					1	4000	32.04	60.23
8/28/2012	4					1	4000	42.17	58.88
8/28/2012	5					1	4000	43.63	64.91
8/28/2012	6	1	100	15	15	1	4000	41.32	75
8/28/2012	7					1	4000	54.52	93.62
8/28/2012	8					1	4000	51.97	94.05
8/28/2012	9					1	4000	54.16	95.66
8/28/2012	10					1	4000	55.57	106.89
8/28/2012	11					1	4000	59.27	148.34
8/28/2012	12					1	4000	48.24	148.83
8/28/2012	13					1	4000	63.05	148.83
8/28/2012	14					1	4000	49.02	148.93
8/28/2012	15					1	4000	48.06	148.75
8/28/2012	16					1	4000	47.82	148.73
8/28/2012	17					1	4000	60.14	148.75
8/28/2012	18					1	4000	62.13	149.54
8/28/2012	19					1	4000	52.34	794.65
8/28/2012	20					1	3966	68.2	1,124.33
8/28/2012	21					1	4000	67.06	798.97
8/28/2012	22					1	4000	49.64	148.59
8/28/2012	23					1	4000	38.41	96.01
8/28/2012	24					1	4000	37.17	67.77
8/29/2012	1					1	4000	47.35	67.15
8/29/2012	2					1	4000	32.71	65.26
8/29/2012	3					1	4000	42.9	60.54
8/29/2012	4					1	4000	42.83	60.64
8/29/2012	5					1	4000	47.19	67.07
8/29/2012	6					1	4000	55.62	93.91
8/29/2012	7	1	100	20	20	1	4000	43.96	94

8/29/2012	8	1	300	12	12	1	4000	47.46	106.6
8/29/2012	9	1	200	15	15	1	4000	57.43	148.48
8/29/2012	10					1	4000	63.97	148.45
8/29/2012	11					1	3860	74.45	1,678.31
8/29/2012	12					1	3386	77.67	1,678.62
8/29/2012	13					1	3313	77.62	1,675.93
8/29/2012	14					1	2890	77.9	1,673.21
8/29/2012	15					1	3188	78.87	1,673.01
8/29/2012	16					1	3451	79.16	1,672.09
8/29/2012	17					1	3301	78.93	1,672.54
8/29/2012	18					1	2976	81.09	1,109.17
8/29/2012	19					1	3464	72.94	1,110.62
8/29/2012	20	1	300	30	30	1	3865	63.04	1,673.95
8/29/2012	21	1	300	27	27	1	3914	62.57	1,674.53
8/29/2012	22	1	300	25	25	1	4000	54.43	148.68
8/29/2012	23	1	300	24	24	1	4000	38.31	108.32
8/29/2012	24	1	300	18	18	1	4000	38.28	76.28
8/30/2012	1	1	300	18	18	1	4000	36.74	95.37
8/30/2012	2	1	300	12	12	1	4000	41.33	75.49
8/30/2012	3	1	150	12	12	1	4000	32.55	70.39
8/30/2012	4	1	300	12	12	1	4000	28.7	71
8/30/2012	5	1	300	13	13	1	4000	31.93	73.45
8/30/2012	6	1	300	15	15	1	4000	37.3	95.73
8/30/2012	7	1	300	17	17	1	4000	41.07	147.83
8/30/2012	8					1	4000	49.82	147.77
8/30/2012	9	1	300	21	21	1	4000	60.56	148.84
8/30/2012	10	1	300	26	26	1	3738	73.53	1,682.52
8/30/2012	11	1	300	26	26	1	3798	72.58	1,693.70
8/30/2012	12	1	300	30	30	1	3334	72.39	1,694.25
8/30/2012	13	1	300	31	31	1	3634	72.5	1,694.65
8/30/2012	14					1	3856	71.9	1,694.65
8/30/2012	15					1	3429	81.17	1,692.70
8/30/2012	16					1	3496	79.67	1,691.67
8/30/2012	17					1	3150	81.38	1,125.76
8/30/2012	18					1	3138	82.16	1,123.47
8/30/2012	19	1	200	29	29	1	3983	72.01	1,689.44
8/30/2012	20	1	300	24	24	1	3566	58.95	1,689.58
8/30/2012	21	1	300	24	24	1	3538	41.01	1,689.25
8/30/2012	22	1	300	24	24	1	4000	45.38	149.31
8/30/2012	23	1	300	21	21	1	4000	38.45	148.34
8/30/2012	24	1	300	18	18	1	4000	32.94	95.33
8/31/2012	1	1	300	16	16	1	4000	36.17	93.8
8/31/2012	2	1	300	17	17	1	4000	29.9	84.3
8/31/2012	3	1	300	17	17	1	4000	30.51	92.04
8/31/2012	4	1	300	16	16	1	4000	29.58	93.86
8/31/2012	5	1	300	17	17	1	4000	32.99	105.81
8/31/2012	6	1	300	17	17	1	4000	41.43	148.37
8/31/2012	7	1	300	19	19	1	4000	41.03	148.36
8/31/2012	8	1	300	19	19	1	4000	37.62	147.76
8/31/2012	9					1	4000	60.22	817.87
8/31/2012	10	1	300	24	24	1	3063	67.88	1,693.71
8/31/2012	11	1	300	25	25	1	3108	60.09	1,692.31
8/31/2012	12					1	2980	73.25	1,693.15
8/31/2012	13					1	2917	60.55	1,693.67
8/31/2012	14	1	300	30	30	1	2919	60.53	1,693.67
8/31/2012	15					1	3343	67.19	1,692.82
8/31/2012	16					1	3167	53.46	1,127.45
8/31/2012	17					1	2790	57.07	1,126.53
8/31/2012	18					1	2623	71.75	1,124.44
8/31/2012	19	1	300	35	35	1	3024	54.01	1,124.16
8/31/2012	20					1	3084	58.79	1,124.20
8/31/2012	21					1	2434	79.68	1,127.22
8/31/2012	22					1	2863	79	1,130.83

8/31/2012	23	1	200	26	26	1	3820	45.04	1,130.86
8/31/2012	24					1	4000	38.04	151.2

Total: 744 records  
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