## Monthly Bid/Offer Postings

Market: HA
Product: Non-Firm
Month: (06/2012)

		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
6/1/2012	1	1	300	12	12	1	4000	30.92	61.47
6/1/2012	2					1	4000	34.36	62.7
6/1/2012	3	1	300	15	15	1	4000	43.24	62.97
6/1/2012	4	1	100	10	10	1	4000	34.02	62.09
6/1/2012	5	1	100	10	10	1	4000	34.8	62.25
6/1/2012	6	1	100	12	12	1	4000	35.3	63.63
6/1/2012	7	1	250	12	12	1	4000	39.35	67.1
6/1/2012	8	1	300	13	13	1	4000	32.44	67.31
6/1/2012	9	1	300	13	13	1	4000	30.62	65.84
6/1/2012	10	1	300	13	13	1	4000	33.24	67.81
6/1/2012	11	1	300	14	14	1	4000	35.47	75.87
6/1/2012	12	1	300	17	17	1	4000	38.77	78.9
6/1/2012	13	1	400	19	19	1	4000	40.26	80.15
6/1/2012	14	1	400	22	22	1	4000	39.29	83.05
6/1/2012	15	1	300	22	22	1	4000	37.61	80.28
6/1/2012	16	1	300	23	23	1	4000	37.62	81.47
6/1/2012	17	1	300	21	21	1	4000	36.11	80.23
6/1/2012	18	1	300	18	18	1	4000	34.76	80.25
6/1/2012	19	1	300	17	17	1	4000	32.65	71.96
6/1/2012	20	'	300	17	17	1	4000	44.07	69.45
6/1/2012	21					1	4000	44.56	77.83
6/1/2012	22					1	4000	55.7	80.6
6/1/2012	23	1	200	18	18	1	4000	38.52	66.39
	23 24	ļ	200	10	10	1			
6/1/2012 6/2/2012						1	4000 4000	32.38 34.25	63.9 62.65
	1								
6/2/2012	2					1	4000	36.44	65.42
6/2/2012	3					1	4000	37.85	60.9
6/2/2012	4					1	4000	43.09	62.95
6/2/2012	5					1	4000	42.93	62.87
6/2/2012	6					1	4000	43.08	63.77
6/2/2012	7					1	4000	43.37	63.21
6/2/2012	8	1	300	12	12	1	4000	29.62	66.88
6/2/2012	9	1	150	10	10	1	4000	27.54	59.94
6/2/2012	10	1	300	11	11	1	4000	27.17	58.75
6/2/2012	11	1	300	13	13	1	4000	29.67	64.11
6/2/2012	12	1	300	15	15	1	4000	30.29	67.61
6/2/2012	13	1	300	15	15	1	4000	32.66	69.29
6/2/2012	14	1	300	17	17	1	4000	32.59	68.52
6/2/2012	15	1	300	16	16	1	4000	32.84	69.28
6/2/2012	16	1	300	17	17	1	4000	32.12	69.63
6/2/2012	17	1	300	17	17	1	4000	33.24	69.65
6/2/2012	18	1	300	17	17	1	4000	33.68	81.66
6/2/2012	19	1	300	17	17	1	4000	32.42	70.61
6/2/2012	20					1	4000	44.45	69.63
6/2/2012	21					1	4000	44.86	69.72
6/2/2012	22					1	4000	42.71	68.27
6/2/2012	23					1	4000	34.89	61.16
6/2/2012	24					1	4000	33.43	42.95
6/3/2012	1					1	4000	35.71	79.06
6/3/2012	2					1	4000	49.62	69.04
6/3/2012	3					1	4000	47.98	67.42
6/3/2012	4					1	4000	44.69	66.24
6/3/2012	5					1	4000	44.25	65.84

6/3/2012	6					1	4000	43.82	64.73	
6/3/2012	7					1	4000	44.06	65.07	
6/3/2012	8	1	150	7	7	1	4000	31.91	66.6	
6/3/2012	9	1	200	7	7	1	4000	29.12	60.6	
6/3/2012	10	1	300	10	10	1	4000	26.91	60.66	
6/3/2012	11	1	300	9	9	1	4000	29.07	63.92	
6/3/2012	12	1	300	12	12	1	4000	32.34	67.05	
6/3/2012	13	1	300	16	16	1	4000	36.46	74.12	
6/3/2012	14	1	300	20	20	1	4000	39.7	81.91	
6/3/2012	15	1	300	22	22	1	4000	40.57	88.4	
6/3/2012	16	1	300	24	24	1	4000	41.15	83.18	
6/3/2012	17	1	300	25	25	1	4000	42.4	98.82	
6/3/2012	18	1	400	22	22	1	4000	43.27	143.59	
6/3/2012	19	1	300	23	23	1	4000	44.51	143.54	
6/3/2012	20					1	4000	57.89	82.99	
6/3/2012	21					1	4000	56.94	83.08	
6/3/2012	22					1	4000	49.24	70.95	
6/3/2012	23					1	4000	33.9	63.49	
6/3/2012	24					1	4000	33.81	64.58	
6/4/2012	1					1	4000	51.35	68.15	
6/4/2012	2					1	4000	44.8	65.45	
6/4/2012	3					1	4000	43.15	63.97	
6/4/2012	4					1	4000	38.72	58.05	
6/4/2012	5					1	4000	43.7	63.97	
6/4/2012	6					1	4000	43.99	64.41	
6/4/2012	7					1	4000	42.62	64.1	
6/4/2012	8	1	200	14	14	1	4000	31.76	64.1	
6/4/2012	9	1	200	15	15	1	4000	34.2	67.37	
6/4/2012	10	1	200	15 46	15	1	4000	39.88	71.03	
6/4/2012	11	1	200	16	16	1	4000	46.27	82.32	
6/4/2012	12	1	200	18	18	1	4000	47.77	143.15	
6/4/2012	13					1	4000	58.49	143.23	
6/4/2012	14	1	200	20	20	1	4000	57.57	81.82	
6/4/2012	15	1	200	20	20	1	4000	41.66	80.45	
6/4/2012	16					1	4000	49.17	77.07	
6/4/2012	17					1	4000	41.78	82.17	
6/4/2012	18	1	200	20	20	1	4000	58.34	143.64	
6/4/2012	19	1	200	23	23	1	4000	46.62	144.27	
6/4/2012	20	1	300	22	22	1	4000	43.33	144.34	
6/4/2012	21					1	4000	61.98	144.31	
6/4/2012	22	1	300	18	18	1	4000	29	85.33	
6/4/2012	23					1	4000	43.21	66.32	
6/4/2012	24	1	100	10	10	1	4000	19.06	60.27	
6/5/2012	1					1	4000	43.46	70.31	
6/5/2012	2					1	4000	27.36	65.23	
6/5/2012	3					1	4000	26.89	62.57	
6/5/2012	4					1	4000	26.82	61.46	
6/5/2012	5					1	4000	27.81	64.25	
6/5/2012	6					1	4000	49.19	66.09	
6/5/2012	7					1	4000	50.24	67.11	
6/5/2012	8					1	4000	32.35	64.62	
		4	200	16	16					
6/5/2012	9	1	200	16	16	1	4000	32.04	65.96	
6/5/2012	10	1	200	14	14	1	4000	38.4	77.57	
6/5/2012	11	1	200	18	18	1	4000	44.8	80.85	
6/5/2012	12	1	200	20	20	1	4000	46.1	145.04	
6/5/2012	13					1	4000	46.55	145.13	
6/5/2012	14					1	4000	48.18	145.77	
6/5/2012	15					1	4000	58.95	145.16	
6/5/2012	16					1	4000	46.86	145.54	
6/5/2012	17					1	4000	51.06	88.18	
6/5/2012	18	1	200	20	20	1	4000	39.1	82.34	
6/5/2012	19	1	200	16	16	1	4000	45.14	83.05	
6/5/2012	20	1	100	15	15	1	4000	39.41	82.73	

6/5/2012	21	1	100	15	15	1	4000	33.92	81.31	
6/5/2012	22	•				1	4000	43.6	69.57	
6/5/2012	23	1	100	16	16	1	4000	28.12	65.47	
6/5/2012	24	•	100	10	10	1	4000	19.9	58.5	
6/6/2012	1					1	4000	35.45	59.9	
6/6/2012	2					1	4000	43.25	64.1	
6/6/2012	3					1	4000	26.92	62.77	
6/6/2012	4					1	4000	23.43	60.44	
6/6/2012	5					1	4000	27.07	63.08	
6/6/2012	6					1	4000	29.5	66.81	
6/6/2012	7	1	100	12	12	1	4000	36.08	79.26	
6/6/2012	8	1	350	15	15	1	4000	27.04	74.47	
6/6/2012	9	1	300	15	15	1	4000	29.39	68.62	
6/6/2012	10	1	300	15	15	1	4000	33.21	80.41	
6/6/2012	11	1	300	20	20	1	4000	39.76	144.97	
6/6/2012	12	1	300	22	22	1	4000	44.11	145.68	
6/6/2012	13	1	300	24	24	1	4000	44.89	145.63	
6/6/2012	14	1	300	26	26	1	4000	46.03	145.92	
6/6/2012	15	1	300	26	26	1	4000	44.77	145.7	
6/6/2012	16	1	300	25	25	1	4000	44.05	146.07	
6/6/2012	17	1	300	22	22	1	4000	41.94	145.44	
6/6/2012	18	1	300	22	22	1	4000	38.07	145.84	
6/6/2012	19	1	300	22	22	1	4000	43.54	145.45	
6/6/2012	20	•	300	22	22	1	4000	49.62	87.5	
6/6/2012	21	1	300	20	20	1	4000	59.06	145.52	
6/6/2012	22	1	300	20	20	1	4000	49.82	70.98	
6/6/2012	23					1	4000	35.08	65.68	
6/6/2012	24					1	4000	35.58	62.45	
6/7/2012	1					1	4000	43.82	65.46	
6/7/2012	2					1	4000	43.66	65.82	
6/7/2012	3					1	4000	43.25	65	
6/7/2012	4					1	4000	42.9	64.8	
6/7/2012	5					1	4000	43.64	66.48	
6/7/2012	6					1	4000	44.5	67.55	
6/7/2012	7					1	4000	51.04	74.28	
6/7/2012	8	1	300	15	15	1	4000	29.37	68.46	
6/7/2012	9	1	300	12	12	1	4000	29.73	65.49	
6/7/2012	10	1	300	15	15	1	4000	34.01	81.26	
6/7/2012	11	1	300	15	15	1	4000	36.24	81.28	
6/7/2012	12	1	300	20	20	1	4000	43.52	145.12	
6/7/2012	13	1	300	22	22	1	4000	44.86	693.81	
6/7/2012	14	1	300	27	27	1	4000	50.12	742.29	
6/7/2012	15	1	300	26	26	1	4000	50.22	698.78	
6/7/2012	16	1	300	25	25	1	4000	45.44	754.68	
	17		300	23	23		3953	45.91		
6/7/2012 6/7/2012		1	300	23 23	23 23	1 1	4000	39.62	964.45 755.84	
	18	1			23 23					
6/7/2012	19	1	250	23	23	1	3970	47.53	963.86	
6/7/2012	20					1	4000	63.86	145.59	
6/7/2012	21					1	4000	64.27	692.17	
6/7/2012	22					1	4000	58.48	144.73	
6/7/2012	23					1	4000	44.16	68.89	
6/7/2012	24					1	4000	35.2	63.15	
6/8/2012	1					1	4000	43.66	64.48	
6/8/2012	2					1	4000	39.08	58.19	
6/8/2012	3					1	4000	36.17	53.18	
6/8/2012	4					1	4000	35.66	50.08	
6/8/2012	5					1	4000	38.43	57.65	
6/8/2012	6					1	4000	42.9	63.32	
6/8/2012	7					1	4000	44.04	65.25	
6/8/2012	8	1	200	10	10	1	4000	38.05	68.2	
6/8/2012	9	1	200	12	12	1	4000	38.85	70.4	
6/8/2012	10	1	200	14	14	1	4000	38.13	69.83	
6/8/2012	11	1	200	16	16	1	4000	47.69	142.83	
0/0/2012	11	1	200	10	10	'	4000	77.05	172.00	

6/8/2012	12	1	200	20	20	1	4000	46.66	142.88
6/8/2012	13	1	200	24	24	1	4000	47.23	142.88
6/8/2012	14					1	4000	48.31	143.38
6/8/2012	15	1	200	25	25	1	4000	47.42	143.3
6/8/2012	16	1	200	25	25	1	4000	45.56	143.43
6/8/2012	17	1	200	23	23	1	4000	45.52	143.55
6/8/2012	18	1	200	25	25	1	4000	56.53	143.47
6/8/2012	19	1	200	24	24	1	4000	43.11	122.24
6/8/2012	20	•				1	4000	37.43	81.62
6/8/2012	21	1	100	16	16	1	4000	40.44	142.95
6/8/2012	22	•	100	10	10	1	4000	48.6	82.69
6/8/2012	23					1	4000	44.02	64.29
6/8/2012	24					1	4000	33.63	58.45
6/9/2012	1					1	4000	34.31	63.8
						1			
6/9/2012	2						4000	33.52	63.58
6/9/2012	3					1	4000	42.78	63.52
6/9/2012	4					1	4000	42.44	61.87
6/9/2012	5					1	4000	41.99	60.83
6/9/2012	6					1	4000	24.32	60.49
6/9/2012	7					1	4000	22.72	60.82
6/9/2012	8					1	4000	32.66	63.85
6/9/2012	9					1	4000	34.26	66.51
6/9/2012	10	1	200	14	14	1	4000	37.4	72.74
6/9/2012	11					1	4000	49.13	76.28
6/9/2012	12					1	4000	50.09	77.54
6/9/2012	13					1	4000	54.25	81.84
6/9/2012	14	1	300	20	20	1	4000	39.68	82.34
6/9/2012	15	1	200	20	20	1	4000	42.68	82.33
6/9/2012	16					1	4000	39.01	77.53
6/9/2012	17					1	4000	33.35	66.45
6/9/2012	18	1	200	18	18	1	4000	33.23	66.28
6/9/2012	19	1	200	18	18	1	4000	33.02	66.41
6/9/2012	20	1	100	15	15	1	4000	43.55	64.35
6/9/2012	21					1	4000	43.53	64.23
6/9/2012	22	1	100	15	15	1	4000	27.68	64.46
6/9/2012	23	•				1	4000	37.86	58.72
6/9/2012	24	1	100	10	10	1	4000	19.19	54.23
6/10/2012	1	•	100	10	10	1	4000	34.21	64.87
6/10/2012	2					1	4000	20.79	63.54
6/10/2012	3					1	4000	27.4	62.34
	4					1	4000	24.52	62.88
6/10/2012 6/10/2012	5					1	4000	27.38	62.65
6/10/2012	6					1	4000	42.84	62.45
6/10/2012	7	4	400	-	_	1	4000	43.6	63.56
6/10/2012	8	1	100	5	5	1	4000	38.09	67.42
6/10/2012	9	1	200	10	10	1	4000	38.56	68.05
6/10/2012	10	1	200	13	13	1	4000	32.41	64.81
6/10/2012	11	1	200	18	18	1	4000	37.66	69.42
6/10/2012	12	1	200	15	15	1	4000	38.36	77.36
6/10/2012	13					1	4000	50.76	79.38
6/10/2012	14					1	4000	50.61	77.89
6/10/2012	15	1	200	18	18	1	4000	36.97	68.29
6/10/2012	16					1	4000	36.86	67.38
6/10/2012	17					1	4000	34.5	67.07
6/10/2012	18	1	200	18	18	1	4000	33.64	66.38
6/10/2012	19	1	200	18	18	1	4000	33.51	66.26
6/10/2012	20					1	4000	28.52	66.29
6/10/2012	21	1	100	18	18	1	4000	43.91	82.27
6/10/2012	22					1	4000	36.89	81.83
6/10/2012	23	1	200	18	18	1	4000	19.43	66.57
6/10/2012	24	1	100	18	18	1	4000	19.38	62.9
6/11/2012	1					1	4000	44.3	81.42
6/11/2012	2	1	200	10	10	1	4000	27.09	65.67

6/11/2012	3	1	100	10	10	1	4000	27.45	63.27
6/11/2012	4	1	100	10	10	1	4000	24.45	63.89
6/11/2012	5	1	200	10	10	1	4000	28.24	68.22
6/11/2012	6	1	100	14	14	1	4000	33.07	81.48
6/11/2012	7					1	4000	49.07	81.62
6/11/2012	8	1	300	17	17	1	4000	37.69	81.74
6/11/2012	9	1	300	17	17	1	4000	41.92	82.1
6/11/2012	10	1	250	17	17	1	4000	44.39	143.63
6/11/2012	11	1	250	17	17	1	4000	49.62	693.59
6/11/2012	12	1	100	18	18	1	4000	55.15	682.02
6/11/2012	13	1	100	22	22	1	4000	54.77	144.59
6/11/2012	14	1	200	25	25	1	4000	55.86	699.9
6/11/2012	15					1	4000	53.92	716.3
6/11/2012	16	1	200	25	25	1	4000	52.59	694.26
6/11/2012	17	1	200	20	20	1	4000	52.72	705.94
6/11/2012	18	1	300	20	20	1	4000	62.88	691.67
6/11/2012	19	1	250	22	22	1	4000	53.29	768.24
6/11/2012	20	1	200	24	24	1	4000	48.19	689.62
6/11/2012	21	1	200	22	22	1	4000	48.14	693.1
6/11/2012	22	1	200	22	22	1	4000	47.14	144.82
6/11/2012	23	1	200	20	20	1	4000	33.68	84.2
6/11/2012	24			-		1	4000	22.09	63.69
6/12/2012	1	1	200	8	8	1	4000	29.89	63.38
6/12/2012	2	·	200	Ü	Ü	1	4000	42.27	62.57
6/12/2012	3	1	200	10	10	1	4000	27.4	62.47
6/12/2012	4	1	200	8	8	1	4000	26.93	61.83
				8		1			
6/12/2012	5	1	200		8		4000	27.79	63.36
6/12/2012	6	1	200	12	12	1	4000	32.48	68
6/12/2012	7	1	200	15	15	1	4000	32.7	68.37
6/12/2012	8	1	300	15	15	1	4000	43.06	69.54
6/12/2012	9	1	300	14	14	1	4000	44.9	81.6
6/12/2012	10	1	300	18	18	1	4000	50.06	143.3
6/12/2012	11	1	100	18	18	1	4000	50.84	698.08
6/12/2012	12	1	100	20	20	1	4000	56.72	749.75
6/12/2012	13	1	150	25	25	1	3729	60.11	1,424.18
6/12/2012	14	1	300	30	30	1	3531	65.44	1,424.43
6/12/2012	15	1	250	25	25	1	4000	64.23	710.73
6/12/2012	16	1	250	25	25	1	4000	56.14	703.29
6/12/2012	17	1	250	25	25	1	4000	64.51	754.4
6/12/2012	18	1	300	25	25	1	4000	57.38	760.39
6/12/2012	19					1	3167	76.2	973.16
6/12/2012	20	1	200	25	25	1	3558	52.66	975.63
6/12/2012	21	1	200	24	24	1	3014	59.56	975.52
6/12/2012	22	1	200	24	24	1	3482	50.52	974.57
6/12/2012	23	'	200	24	24		4000	32.8	
		4	200	40	40	1			695.21
6/12/2012	24	1	200	18	18	1	4000	20.35	69.52
6/13/2012	1	1	200	14	14	1	4000	26.83	64.86
6/13/2012	2	1	200	14	14	1	4000	26.09	64.03
6/13/2012	3	1	200	10	10	1	4000	27.09	62.83
6/13/2012	4	1	200	10	10	1	4000	22.63	60.99
6/13/2012	5	1	200	10	10	1	4000	27	61.38
6/13/2012	6	1	200	10	10	1	4000	27.87	64.06
6/13/2012	7					1	4000	28.53	65.87
6/13/2012	8	1	200	12	12	1	4000	37.64	69.66
6/13/2012	9	1	200	14	14	1	4000	40.41	87.23
6/13/2012	10	1	200	18	18	1	4000	48.32	143.65
6/13/2012	11	1	200	20	20	1	3744	64.07	1,422.52
6/13/2012	12	1	200	28	28	1	2878	60.3	1,421.74
6/13/2012	13	1	200	32	32	1	2580	62.67	1,423.36
6/13/2012	14	•	_00	<b>~-</b>	<u>-</u>	1	3228	51.93	1,424.25
6/13/2012	15	1	200	32	32	1	3123	64.83	1,424.23
6/13/2012	16		200	52	<i>52</i>	1	3084	54	1,422.30
6/13/2012	17					1	2698	72.59	969.4
0/13/2012	17					1	2030	12.08	303.4

6/13/2012	18					1	2366	76.61	967.79
6/13/2012	19					1	2607	66.19	967.45
6/13/2012	20					1	3443	63.93	967.74
6/13/2012	21	1	200	25	25	1	3492	55.09	969.51
6/13/2012	22					1	3702	65.21	970
6/13/2012	23	1	100	22	22	1	4000	33.15	691.98
6/13/2012	24	1	100	16	16	1	4000	32.14	77.33
6/14/2012	1		100	10	10	1	4000	43.77	64.16
6/14/2012	2					1	4000	42.86	61.03
						1			
6/14/2012	3						4000	43.22	62.34
6/14/2012	4					1	4000	37.61	55.23
6/14/2012	5					1	4000	42.51	60.68
6/14/2012	6					1	4000	43.6	66.23
6/14/2012	7					1	4000	44.4	76.72
6/14/2012	8	1	300	14	14	1	4000	39.37	76.56
6/14/2012	9	1	300	18	18	1	4000	48.03	143.16
6/14/2012	10					1	4000	53.38	743.92
6/14/2012	11	1	300	28	28	1	3302	68.13	1,397.19
6/14/2012	12					1	2836	56.11	1,397.19
6/14/2012	13	1	300	35	35	1	2636	61.71	1,399.41
6/14/2012	14					1	2770	75.08	1,399.41
6/14/2012	15	1	300	25	25	1	3344	55	1,401.82
6/14/2012	16	•				1	3119	56.89	1,403.37
6/14/2012	17					1	2734	69.65	955.54
6/14/2012	18					1	2833	69.5	954.85
6/14/2012	19					1	2798	56.64	954.05
						1			
6/14/2012	20	4	400	05	05		3687	63.94	954.82
6/14/2012	21	1	100	25	25	1	3681	39.12	954.94
6/14/2012	22					1	3621	64.12	956.09
6/14/2012	23	1	100	21	21	1	4000	33.79	143.67
6/14/2012	24	1	100	15	15	1	4000	31.25	81.77
6/15/2012	1					1	4000	32.07	64.37
6/15/2012	2					1	4000	28.71	62.2
6/15/2012	3					1	4000	37.28	60.2
6/15/2012	4					1	4000	21.61	58.67
6/15/2012	5					1	4000	22.57	61.33
6/15/2012	6					1	4000	42.58	63.03
6/15/2012	7					1	4000	43.59	68.58
6/15/2012	8	1	100	12	12	1	4000	41.73	74.69
6/15/2012	9	1	250	12	12	1	4000	48.47	76.59
6/15/2012	10	1	250	15	15	1	4000	51.4	145.29
6/15/2012	11	1	150	18	18	1	4000	64.46	746.62
6/15/2012	12	·	.00	.0		1	4000	67.14	742.26
6/15/2012	13	1	250	25	25	1	3798	70.67	1,400.56
6/15/2012	14	1	250	28	28	1	3717	73.25	1,400.74
6/15/2012	15	1	100	25	25	1	3984	68.44	1,399.49
6/15/2012	16	1	150	25 25	25 25	1	3778	70.68	1,401.14
6/15/2012	17		250	25 25	25 25	1	3413	70.08 77.7	
		1							1,403.50
6/15/2012	18	1	300	25	25	1	3802	61.4	959.97
6/15/2012	19	1	250	25	25	1	4000	63.37	754.14
6/15/2012	20	1	200	26	26	1	4000	43.04	146.06
6/15/2012	21	1	200	25	25	1	4000	46.02	753.71
6/15/2012	22	1	200	24	24	1	4000	42.9	146.09
6/15/2012	23	1	20	20	20	1	4000	28.72	81.48
6/15/2012	24	1	200	14	14	1	4000	23.48	79.68
6/16/2012	1	1	200	12	12	1	4000	23.48	81.39
6/16/2012	2					1	4000	30.99	65.93
6/16/2012	3					1	4000	27.06	62.7
6/16/2012	4					1	4000	26.61	61.3
6/16/2012	5					1	4000	26.37	60.24
6/16/2012	6					1	4000	23.77	58.66
6/16/2012	7					1	4000	26.51	60.81
6/16/2012	8					1	4000	34.09	63.48
0/10/2012	U					ı	4000	54.03	03.40

6/16/2012	9					1	4000	35.65	73.47
6/16/2012	10	1	200	12	12	1	4000	44.28	78.2
6/16/2012	11	1	300	12	12	1	4000	53.68	144.64
6/16/2012	12	1	300	18	18	1	4000	54.11	680.04
6/16/2012	13	•	000	.0	10	1	4000	63.13	750.27
	14	4	250	25	25	1			961.35
6/16/2012		1	250	25	25		3196	72.13	
6/16/2012	15	1	250	25	25	1	2928	74.63	962.35
6/16/2012	16	1	250	25	25	1	3725	64.37	961.41
6/16/2012	17	1	250	25	25	1	3720	64.06	959.18
6/16/2012	18	1	250	25	25	1	4000	62.87	754.46
6/16/2012	19	1	200	22	22	1	4000	62.37	692.28
6/16/2012	20	1	200	25	25	1	4000	41.88	145.69
6/16/2012	21	1	200	24	24	1	4000	34.66	145.68
	22	1				1			
6/16/2012			200	18	18		4000	40.87	145.43
6/16/2012	23	1	200	18	18	1	4000	28.23	80.87
6/16/2012	24					1	4000	20.48	80.2
6/17/2012	1					1	4000	19.71	64.61
6/17/2012	2					1	4000	28.55	68.98
6/17/2012	3	1	200	10	10	1	4000	27.47	63.4
6/17/2012	4	1	200	8	8	1	4000	39.42	61.62
6/17/2012	5	1	200	8	8	1	4000	27.24	62.5
6/17/2012	6	'	200	O	O	1	4000	24.44	59.3
6/17/2012	7					1	4000	27.22	62.99
6/17/2012	8					1	4000	40.93	68.04
6/17/2012	9	1	150	12	12	1	4000	44.46	80.3
6/17/2012	10	1	150	12	12	1	4000	44.19	70.03
6/17/2012	11	1	250	15	15	1	4000	45.24	81.97
6/17/2012	12	1	300	15	15	1	4000	50.75	144.79
6/17/2012	13	1	250	22	22	1	4000	63.14	746.43
6/17/2012	14	1	200	22	22	1	3204	73.26	962.09
6/17/2012	15	1	250	25	25	1	2915	72.13	964.11
6/17/2012	16					1	3179	72.22	962.77
6/17/2012	17	1	250	25	25	1	3063	72.23	961.28
6/17/2012	18	1	300	28	28	1	3350	69.21	963.51
6/17/2012	19	1	250	25	25	1	3520	65.09	963.71
6/17/2012	20	1	300	28	28	1	4000	45.14	749.09
6/17/2012	21	1	300	24	24	1	3852	46	963.86
6/17/2012	22	1	300	20	20	1	4000	45.28	762.54
6/17/2012	23	1	300	16	16	1	4000	27.82	81.51
6/17/2012	24			14					
		1	200		14	1	4000	24.7	82.08
6/18/2012	1	1	200	10	10	1	4000	24.68	70.45
6/18/2012	2	1	200	8	8	1	4000	32.31	63.36
6/18/2012	3					1	4000	37.29	61.43
6/18/2012	4					1	4000	38.78	60.4
6/18/2012	5					1	4000	32.09	62.9
6/18/2012	6	1	200	12	12	1	4000	28.92	67.45
6/18/2012	7	1	200	15	15	1	4000	34.01	82.43
6/18/2012	8	•	_00	.0		1	4000	34.43	81.85
6/18/2012	9	1	350	15	15	1	4000	34.97	
		1			15				82.48
6/18/2012	10	1	350	18	18	1	4000	43.81	145.27
6/18/2012	11	1	350	20	20	1	3387	45.72	1,398.78
6/18/2012	12	1	350	24	24	1	2930	55.4	1,397.84
6/18/2012	13	1	350	25	25	1	2263	55.16	1,400.37
6/18/2012	14	1	350	27	27	1	2278	57.23	1,400.39
6/18/2012	15	1	350	28	28	1	1916	75.53	1,402.63
6/18/2012	16	1	350	28	28	1	2400	56.74	1,401.63
6/18/2012	17	1	350	28	28	1	2347	65.89	1,401.65
6/18/2012	18	1	350	28			2194	57.1	963.05
					28	1			
6/18/2012	19	1	350	28	28	1	1595	64.43	962.82
6/18/2012	20	1	300	27	27	1	2632	66.83	962.83
6/18/2012	21	1	300	25	25	1	3016	64.04	963.46
6/18/2012	22					1	3617	63.23	963.98
6/18/2012	23					1	4000	44.53	145.74

6/18/2012	24	1	300	20	20	1	4000	35.94	131.76
6/19/2012	1					1	4000	35.48	69.38
6/19/2012	2					1	4000	43.33	64.67
6/19/2012	3	1	100	14	14	1	4000	42.78	63.25
6/19/2012	4	1	100	11	11	1	4000	42.98	66.56
6/19/2012	5					1	4000	43.32	69.51
6/19/2012	6					1	4000	43.6	78.16
6/19/2012	7					1	4000	48.48	80.58
6/19/2012	8	1	300	15	15	1	4000	36.69	88.29
6/19/2012	9	1	300	16	16	1	4000	37.66	144.62
6/19/2012	10	1	300	18	18	1	4000	43.01	690.61
6/19/2012	11	1	350	20	20	1	3457	49.12	1,423.27
6/19/2012	12	1	300	22	22	1	2350	61.49	1,421.77
6/19/2012	13	1	350	26	26	1	2245	62.48	1,424.06
6/19/2012	14	•	000	20	20	1	2721	65.09	1,424.40
6/19/2012	15	1	300	25	25	1	2963	58	1,424.65
6/19/2012	16	1	300	27	27	1	2985	57.59	1,425.76
6/19/2012	17	1	200	27	27	1	3142	56.2	1,425.90
6/19/2012	18	1	250	28	28	1	2882	59.17	
									1,425.15
6/19/2012	19	1	250	27	27	1	3252	54.76	1,425.72
6/19/2012	20	1	300	29	29	1	3499	68.33	1,427.29
6/19/2012	21	1	300	28	28	1	3244	70.43	1,426.57
6/19/2012	22					1	3915	46.31	1,426.10
6/19/2012	23					1	4000	46.51	708.58
6/19/2012	24					1	4000	38.08	89.68
6/20/2012	1					1	4000	36.72	69.06
6/20/2012	2					1	4000	43.19	63.49
6/20/2012	3					1	4000	38.68	56.56
6/20/2012	4					1	4000	37.69	52.48
6/20/2012	5					1	4000	38.28	54.98
6/20/2012	6					1	4000	42.49	62.17
6/20/2012	7					1	4000	43.39	65.84
6/20/2012	8	1	250	12	12	1	4000	52.67	83.02
6/20/2012	9	1	250	12	12	1	4000	44.14	147.11
6/20/2012	10	1	300	15	15	1	4000	61	691.9
6/20/2012	11	1	250	18	18	1	2445	146.52	1,418.25
6/20/2012	12					1	2330	146.58	1,418.18
6/20/2012	13	1	250	25	25	1	2130	146.59	1,418.97
6/20/2012	14	1	250	30	30	1	1953	76.96	1,420.82
6/20/2012	15					1	1985	80.98	1,420.89
6/20/2012	16	1	250	30	30	1	2584	68.6	1,421.21
6/20/2012	17	1	300	30	30	1	2862	68.85	1,422.21
6/20/2012	18	1	250	30	30	1	2296	80.45	971.64
6/20/2012	19	1	300	25	25	1	2726	67.47	971.93
6/20/2012	20	1	300	28	28	1	3233	46.01	972.84
6/20/2012	21	1	300	26	26	1	3291	46.34	972.46
6/20/2012	22	'	300	20	20	1	3000	48.75	972.40
6/20/2012	23	1	200	20	20	1	4000	30.19	147.79
6/20/2012		1	200	20 15	15	1	4000	25.09	
	24								86.43
6/21/2012	1	1	200	10	10	1	4000	24.11	68.89
6/21/2012	2	1	200	12	12	1	4000	27.81	66.98
6/21/2012	3	1	200	10	10	1	4000	23.19	60.72
6/21/2012	4	1	200	10	10	1	4000	22.38	59.17
6/21/2012	5	1	200	10	10	1	4000	23.47	56.57
6/21/2012	6	1	200	12	12	1	4000	27.59	62.81
6/21/2012	7	1	200	15	15	1	4000	28.54	68.6
6/21/2012	8	1	300	12	12	1	4000	47.03	86.2
6/21/2012	9	1	300	15	15	1	4000	42.78	86.47
6/21/2012	10					1	4000	60.06	146.48
6/21/2012	11	1	250	18	18	1	3479	62.11	1,402.93
6/21/2012	12					1	3183	77.95	1,403.10
6/21/2012	13	1	300	30	30	1	2609	89.77	1,404.04
6/21/2012	14	1	250	30	30	1	2953	78.16	1,403.49

6/21/2012	15					1	3033	77.46	1,404.88	
6/21/2012	16	1	300	30	30	1	2966	71.71	1,405.06	
6/21/2012	17	1	250	30	30	1	2996	69.25	1,405.46	
		'	250	30	30					
6/21/2012	18	_				1	2853	77.76	1,407.60	
6/21/2012	19	1	300	28	28	1	3295	59.45	1,407.60	
6/21/2012	20					1	3318	55.02	1,407.72	
6/21/2012	21	1	300	30	30	1	2584	54.88	1,407.28	
6/21/2012	22	1	300	28	28	1	2447	39.27	1,407.47	
6/21/2012	23					1	4000	30.26	315.14	
6/21/2012	24	1	200	20	20	1	4000	22.13	87.62	
6/22/2012	1	1	200	12	12	1	4000	21.03	68.48	
6/22/2012					12					
	2	1	300	12		1	4000	30.06	69.2	
6/22/2012	3	1	200	12	12	1	4000	27.89	63.66	
6/22/2012	4	1	200	10	10	1	4000	27.42	62.61	
6/22/2012	5					1	4000	43.29	62.04	
6/22/2012	6	1	200	10	10	1	4000	28.1	66.38	
6/22/2012	7	1	300	14	14	1	4000	33.94	76.38	
6/22/2012	8	1	200	15	15	1	4000	36	87.5	
6/22/2012	9	1	300	15	15	1	4000	37.76	146.21	
6/22/2012	10	1	400	22	22	1	4000	48.12	695.94	
6/22/2012	11	1	350	25	25	1	2007	64.71	1,421.08	
6/22/2012	12	1	300	28	28	1	1925	121.55	1,420.86	
6/22/2012	13					1	1801	121.58	1,421.94	
6/22/2012	14	1	300	26	26	1	2130	63.78	1,423.03	
6/22/2012	15	1	300	32	32	1	2271	66.38	1,424.13	
6/22/2012	16	1	300	26	26	1	2933	58.41	1,425.69	
6/22/2012	17	1	250	25	25	1	2442	58.67	975.75	
6/22/2012	18	•	200	20	20	1	2371	62.54	975.4	
		4	200	24	0.4					
6/22/2012	19	1	300	24	24	1	2697	53.97	974.65	
6/22/2012	20					1	3511	63.58	1,426.79	
6/22/2012	21					1	3449	50.69	974.08	
6/22/2012	22					1	4000	55.08	762.82	
6/22/2012	23					1	4000	45.95	148.31	
6/22/2012	24					1	4000	45.78	147.07	
6/23/2012	1					1	4000	36.48	83.37	
6/23/2012	2					1	4000	36.08	67.33	
						1				
6/23/2012	3						4000	32.51	67.3	
6/23/2012	4					1	4000	42.66	61.7	
6/23/2012	5					1	4000	42.38	61.3	
6/23/2012	6					1	4000	38.89	57.4	
6/23/2012	7					1	4000	30.9	60.21	
6/23/2012	8	1	200	11	11	1	4000	33.59	82.69	
6/23/2012	9	1	300	14	14	1	4000	43.93	687.93	
6/23/2012	10	1	300	20	20	1	3894	51.03	973.33	
6/23/2012	11	1	300	27	27	1	2127	126.91	962.66	
6/23/2012	12	1	300	26	26	1	2176	69.11	961.54	
6/23/2012	13	1	300	30	30	1	2080	66.89	963.45	
6/23/2012	14	1	300	27	27	1	1677	69.5	964.28	
6/23/2012	15	1	300	28	28	1	2022	71.12	963.6	
6/23/2012	16	1	300	27	27	1	2155	69.57	963.64	
6/23/2012	17	1	300	30	30	1	1974	73.77	963.66	
6/23/2012	18	1	250	27	27	1	2319	63.32	963.47	
6/23/2012	19	1	300	26	26	1	2535	56.1	965.19	
6/23/2012	20	1	300	28	28	1	2936	45.97	965.09	
6/23/2012	21	1	200	22	22	1	2606	51.69	964.89	
6/23/2012	22	1	200	20	20	1	2945	37.37	965.53	
6/23/2012	23	1	200	22	22	1	4000	32.33	686.56	
6/23/2012	24					1	4000	23.02	83.51	
6/24/2012	1	1	200	14	14	1	4000	31.43	64.9	
6/24/2012	2	1	200	10	10	1	4000	21.49	60.72	
6/24/2012	3					1	4000	43.16	61.44	
6/24/2012	4	1	200	10	10	1	4000	27.39	61.37	
6/24/2012	5	1	200	10	10	1	4000	27.04	60.13	
U/ 24/ 2U 12	J	1	200	10	10	1	7000	21.04	00.13	

6/24/2012	6	1	200	10	10	1	4000	26.55	57.23
6/24/2012	7	1	200	12	12	1	4000	25.91	54.74
6/24/2012	8					1	4000	24.66	61.76
6/24/2012	9					1	4000	36.4	83.84
6/24/2012	10	1	100	20	20	1	4000	60.65	147.74
6/24/2012	11	1	200	25	25	1	4000	46.83	744.87
6/24/2012	12					1	3689	68.67	963.87
6/24/2012	13	1	200	29	29	1	4000	51.21	741.86
6/24/2012	14	1	200	34	34	1	3394	74.04	965.51
6/24/2012		1	200	28	28	1	2580	83.99	966.86
	15 16		200	31	31	1			
6/24/2012		1					3245	64.17	968.84
6/24/2012	17	1	200	35	35	1	3636	57.4	968.87
6/24/2012	18	1	200	30	30	1	3657	69.93	971.1
6/24/2012	19	1	200	25	25	1	4000	50.27	695.92
6/24/2012	20					1	4000	62.45	693.77
6/24/2012	21					1	4000	62.8	753.36
6/24/2012	22					1	4000	46.33	755.92
6/24/2012	23					1	4000	35.62	147.42
6/24/2012	24					1	4000	31	83.34
6/25/2012	1					1	4000	26.5	62.65
6/25/2012	2					1	4000	32.27	62.37
6/25/2012	3					1	4000	24.24	58.99
6/25/2012	4					1	4000	39.13	54.12
6/25/2012	5					1	4000	42.16	59.07
6/25/2012	6					1	4000	24.74	60.95
6/25/2012	7					1	4000	43.21	63.26
6/25/2012	8					1	4000	50.39	82.94
						1			
6/25/2012	9						4000	52.54	84.25
6/25/2012	10					1	4000	56.62	147.68
6/25/2012	11					1	3487	50.9	1,394.08
6/25/2012	12					1	1824	147.31	1,392.45
6/25/2012	13					1	1617	147.33	1,396.25
6/25/2012	14					1	1918	147.42	1,395.75
6/25/2012	15					1	2386	70.67	1,397.98
6/25/2012	16					1	2083	147.31	1,399.29
6/25/2012	17					1	2094	69.67	1,400.86
6/25/2012	18					1	1831	88.15	1,400.99
6/25/2012	19					1	2635	69.7	1,403.18
6/25/2012	20					1	3758	49.32	1,403.18
6/25/2012	21	1	200	28	28	1	3330	51.35	1,410.83
6/25/2012	22	1	200	25	25	1	2470	42.77	1,407.85
6/25/2012	23	1	200	25	25	1	3883	40.48	1,401.56
6/25/2012	24	•	200	20	20	1	4000	37.82	147.83
6/26/2012	1	1	300	20	20	1	4000	35.73	147.53
6/26/2012		'	300	20	20	1	4000	46.58	
	2								73.61
6/26/2012	3	4	000	40	40	1	4000	46.05	74.66
6/26/2012	4	1	200	18	18	1	4000	37.02	73.21
6/26/2012	5	1	200	18	18	1	4000	40.47	83.68
6/26/2012	6	1	200	17	17	1	4000	41.37	83.84
6/26/2012	7	1	200	20	20	1	4000	40.74	83.12
6/26/2012	8					1	4000	47.96	147.69
6/26/2012	9					1	4000	60.9	531.02
6/26/2012	10					1	3605	74.51	958.69
6/26/2012	11					1	2555	148.15	1,372.36
6/26/2012	12	1	100	30	30	1	2194	128.09	1,374.56
6/26/2012	13					1	2244	83.1	1,376.65
6/26/2012	14					1	2464	77.92	1,381.26
6/26/2012	15					1	3089	74.93	1,380.90
6/26/2012	16					1	3346	69.18	1,383.32
6/26/2012	17					1	3502	63.44	1,384.33
6/26/2012	18					1	3066	68.08	959.94
6/26/2012	19					1	2913	69.18	962.12
	20					1			
6/26/2012	20					ı	2210	71.53	961.26

6/26/2012	21					1	1788	45.76	960.84
6/26/2012	22	1	200	30	30	1	2671	58.11	958.88
6/26/2012	23					1	4000	42.26	751.84
		4	200	45	4.5			_	
6/26/2012	24	1	200	15	15	1	4000	36.93	89.42
6/27/2012	1					1	4000	37.17	81.51
6/27/2012	2	1	200	15	15	1	4000	32.44	68.61
6/27/2012	3					1	4000	38.93	59.39
6/27/2012	4	1	200	14	14	1	4000	27.82	53.7
		'	200	14	14				
6/27/2012	5					1	4000	38.78	60.19
6/27/2012	6					1	4000	31.79	62.62
6/27/2012	7	1	200	15	15	1	4000	32.67	64.41
6/27/2012	8	1	100	19	19	1	4000	39.78	148.29
	9	1	100		20	1			88.64
6/27/2012				20			4000	48.63	
6/27/2012	10	1	200	20	20	1	4000	42.56	149.68
6/27/2012	11	1	100	25	25	1	4000	60.31	668.36
6/27/2012	12	1	200	25	25	1	4000	49.44	755.92
6/27/2012	13	1	200	32	32	1	2859	78.14	1,376.32
	14								•
6/27/2012		1	100	26	26	1	3073	70.76	1,375.77
6/27/2012	15	1	100	33	33	1	3016	71.5	1,377.36
6/27/2012	16	1	100	34	34	1	2714	83.2	1,379.13
6/27/2012	17	1	200	32	32	1	2421	77.31	949.84
6/27/2012	18	1	100	34	34	1	2819	59.2	949.32
6/27/2012	19	1	100	35	35	1	3650	64.23	948.73
6/27/2012	20	1	300	30	30	1	4000	47.53	677.83
6/27/2012	21	1	300	28	28	1	4000	47.84	666.86
6/27/2012	22	1	300	24	24	1	4000	49.84	742.22
6/27/2012	23	1	300	20	20	1	4000	36.07	149.83
		'	300	20	20				
6/27/2012	24					1	4000	38.53	66.65
6/28/2012	1					1	4000	25.44	63.05
6/28/2012	2	1	200	10	10	1	4000	30	60.82
6/28/2012	3					1	4000	26.78	59.23
6/28/2012	4					1	4000	26.4	57.02
6/28/2012	5					1	4000	26.98	59.92
6/28/2012	6	1	200	12	12	1	4000	26.32	57.78
6/28/2012	7	1	200	14	14	1	4000	27.22	61.47
6/28/2012	8	1	300	12	12	1	4000	51	87.5
6/28/2012	9	1	300	15	15	1	4000	54.24	149.1
6/28/2012	10				15				
		1	250	15		1	3758	73.46	1,374.58
6/28/2012	11	1	200	18	18	1	2136	149.24	1,373.84
6/28/2012	12	1	250	25	25	1	1265	149.24	149.85
6/28/2012	13	1	200	30	30	1	1623	150.13	1,377.86
6/28/2012	14	1	300	35	35	1	1308	149.72	1,377.67
									-
6/28/2012	15	1	300	35	35	1	1673	77.56	1,376.89
6/28/2012	16					1	1861	72.63	1,376.64
6/28/2012	17					1	1918	69.89	1,377.37
6/28/2012	18	1	300	25	25	1	1564	75.4	1,377.37
6/28/2012	19	1	250	30	30	1	1239	76.66	1,378.93
6/28/2012	20	1	300			1	2302		947.05
				36	36			69.23	
6/28/2012	21	1	300	35	35	1	1447	74.54	945.33
6/28/2012	22	1	300	30	30	1	2681	56.53	946.32
6/28/2012	23	1	300	30	30	1	3989	47.68	944.67
6/28/2012	24	1	300	24	24	1	4000	37.45	149.64
6/29/2012	1	1	300	18	18		4000	27.39	
		1	300	10	10	1			80.08
6/29/2012	2					1	4000	34.69	69.12
6/29/2012	3					1	4000	32.62	64.07
6/29/2012	4					1	4000	27.62	60.64
6/29/2012	5	1	300	14	14	1	4000	27.86	64.23
6/29/2012	6	1	300	14	14	1	4000	31.57	66.98
6/29/2012	7	1	300	20	20	1	4000	32.99	70.88
6/29/2012	8					1	4000	54.77	93.61
6/29/2012	9					1	4000	58.56	148.95
6/29/2012	10					1	4000	51.34	737.39
6/29/2012	11								
0/29/2012	1.1					1	3131	49.69	1,388.45

6/29/2012	12					1	1974	79.02	1,390.34
6/29/2012	13					1	882	306.44	1,389.34
6/29/2012	14					1	322	345.89	952.2
6/29/2012	15					1	1259	80.07	1,390.32
6/29/2012	16					1	1737	83.34	1,393.11
6/29/2012	17					1	1699	78.31	1,394.94
6/29/2012	18					1	1025	88.36	1,396.14
6/29/2012	19					1	612	86.39	468.16
6/29/2012	20	1	200	40	40	1	1914	70.89	953.19
6/29/2012	21	1	200	40	40	1	2493	70.13	952.95
6/29/2012	22	1	200	38	38	1	3282	63.13	954.3
6/29/2012	23	1	200	35	35	1	4000	54.17	149.29
6/29/2012	24					1	4000	48.05	118.09
6/30/2012	1					1	4000	37.17	83.93
6/30/2012	2					1	4000	37.24	91.57
6/30/2012	3	1	200	20	20	1	4000	49.02	90.76
6/30/2012	4					1	4000	52.35	70.73
6/30/2012	5	1	200	18	18	1	4000	41.09	66.9
6/30/2012	6					1	4000	43.65	64.08
6/30/2012	7	1	200	15	15	1	4000	43.82	69.31
6/30/2012	8					1	4000	52.67	88.85
6/30/2012	9					1	4000	59.72	114.11
6/30/2012	10					1	4000	68.09	660.45
6/30/2012	11					1	2604	80.77	1,392.65
6/30/2012	12					1	1723	89.04	1,395.23
6/30/2012	13					1	1855	75.31	1,395.98
6/30/2012	14					1	1875	89.09	1,393.48
6/30/2012	15					1	2212	89.09	1,393.48
6/30/2012	16					1	2410	87.31	1,399.45
6/30/2012	17					1	2407	87.66	1,400.19
6/30/2012	18					1	1882	89.42	1,399.61
6/30/2012	19					1	1881	89.47	1,399.78
6/30/2012	20					1	2787	82.79	1,400.26
6/30/2012	21					1	3025	77.8	1,400.75
6/30/2012	22					1	3309	72.5	1,400.31
6/30/2012	23	1	200	30	30	1	4000	54.86	150.83
6/30/2012	24	1	200	29	29	1	4000	40.5	90.59

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