

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/25/2010

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	37.31	34.99	32.29	32.09	32.76	34.42	39.64	46.55	48.76	52.48	56.21	58.13	62.32	64.73	67.07	67.63	71.60	64.83	57.53	54.92	59.35	51.46	44.66	41.72
24138	2.21	1.63	1.24	1.20	1.17	1.64	2.73	3.96	4.31	4.63	5.04	5.50	5.85	6.39	6.69	6.52	6.98	6.86	6.19	5.88	5.38	5.31	3.91	3.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.17	-3.35	-5.32	-4.79	-7.33	-5.12	-6.02	-8.57	-8.30	-1.30	-0.19	0.00	-7.15	0.00	0.00	0.00
74TH STREET_GT_1	37.31	35.02	32.29	32.09	32.79	34.42	39.64	46.55	49.69	54.54	57.68	58.77	65.15	67.87	70.77	70.20	74.64	64.96	57.54	54.92	59.35	51.51	44.70	41.72
24260	2.21	1.67	1.24	1.20	1.20	1.64	2.73	3.96	4.31	4.63	5.00	5.45	5.85	6.39	6.69	6.52	6.93	6.86	6.19	5.88	5.38	5.35	3.95	3.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.10	-5.42	-6.84	-5.47	-10.17	-8.26	-9.72	-11.14	-11.39	-1.43	-0.19	-0.01	-7.15	-0.01	0.00	0.00
74TH STREET_GT_2	37.31	35.02	32.29	32.09	32.79	34.42	39.64	46.55	49.69	54.54	57.68	58.77	65.15	67.87	70.77	70.20	74.64	64.96	57.54	54.92	59.35	51.51	44.70	41.72
24261	2.21	1.67	1.24	1.20	1.20	1.64	2.73	3.96	4.31	4.63	5.00	5.45	5.85	6.39	6.69	6.52	6.93	6.86	6.19	5.88	5.38	5.35	3.95	3.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.10	-5.42	-6.84	-5.47	-10.17	-8.26	-9.72	-11.14	-11.39	-1.43	-0.19	-0.01	-7.15	-0.01	0.00	0.00
ADK HUDSON___FALLS	37.28	35.12	32.60	32.49	33.13	34.68	39.49	46.04	47.05	48.91	54.25	57.13	57.20	57.48	58.92	62.36	65.25	62.88	56.03	53.74	60.69	51.09	43.97	41.80
24011	2.18	1.77	1.55	1.61	1.55	1.90	2.58	3.45	3.93	4.41	4.77	4.59	4.57	4.26	4.40	4.20	4.73	4.82	4.66	4.71	4.73	4.94	3.22	3.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	0.00	-3.64	-4.70	-3.50	0.00	-0.16	-5.62	-4.20	-1.39	-0.22	0.00	-9.14	0.00	0.00	0.00
ADK RESOURCE___RCVRY	37.49	35.32	32.76	32.68	33.29	34.82	39.83	46.60	47.67	49.48	54.79	57.68	57.59	58.17	59.51	62.80	65.63	63.31	56.34	54.03	60.92	51.22	44.09	41.99
23798	2.39	1.97	1.71	1.79	1.71	2.03	2.92	4.00	4.57	4.98	5.36	5.21	5.01	4.95	5.00	4.73	5.18	5.27	4.96	5.00	5.10	5.08	3.34	3.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.83	0.00	-3.58	-4.62	-3.44	0.00	-0.15	-5.53	-4.13	-1.37	-0.22	0.00	-9.00	0.00	0.00	0.00
ADK S GLENS___FALLS	37.28	35.12	32.60	32.49	33.13	34.68	39.49	46.04	47.05	48.91	54.25	57.13	57.20	57.48	58.92	62.36	65.25	62.88	56.03	53.74	60.69	51.09	43.97	41.80
24028	2.18	1.77	1.55	1.61	1.55	1.90	2.58	3.45	3.93	4.41	4.77	4.59	4.57	4.26	4.40	4.20	4.73	4.82	4.66	4.71	4.73	4.94	3.22	3.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	0.00	-3.64	-4.70	-3.50	0.00	-0.16	-5.62	-4.20	-1.39	-0.22	0.00	-9.14	0.00	0.00	0.00
ADK_NYS___DAM	37.17	35.02	32.51	32.37	33.04	34.55	39.46	45.87	46.78	48.42	53.65	56.73	56.76	57.69	59.02	62.39	65.13	62.75	55.62	53.20	59.96	50.35	43.60	41.29
23527	2.07	1.67	1.46	1.48	1.45	1.77	2.55	3.28	3.68	3.92	4.22	4.26	4.18	4.47	4.51	4.31	4.67	4.70	4.25	4.17	4.12	4.20	2.85	2.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.83	0.00	-3.59	-4.63	-3.45	0.00	-0.14	-5.54	-4.14	-1.38	-0.22	0.00	-9.02	0.00	0.00	0.00
AIR_PRODUCTS___DRP	36.40	34.32	31.89	31.75	32.41	33.80	38.50	44.04	44.84	46.37	51.56	54.70	54.82	55.72	57.00	60.53	63.07	60.66	53.68	51.28	58.04	48.41	42.10	39.86
24190	1.30	0.97	0.84	0.86	0.82	1.02	1.59	1.45	1.73	1.87	2.11	2.20	2.21	2.50	2.50	2.42	2.59	2.61	2.30	2.26	2.15	2.26	1.34	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	0.00	-3.61	-4.66	-3.47	0.00	-0.14	-5.57	-4.16	-1.38	-0.22	0.00	-9.07	0.00	0.00	0.00
ALBANY___1	36.40	34.32	31.89	31.75	32.41	33.80	38.50	44.04	44.84	46.37	51.56	54.70	54.82	55.72	57.00	60.53	63.07	60.66	53.68	51.28	58.04	48.41	42.10	39.86
23571	1.30	0.97	0.84	0.86	0.82	1.02	1.59	1.45	1.73	1.87	2.11	2.20	2.21	2.50	2.50	2.42	2.59	2.61	2.30	2.26	2.15	2.26	1.34	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	0.00	-3.61	-4.66	-3.47	0.00	-0.14	-5.57	-4.16	-1.38	-0.22	0.00	-9.07	0.00	0.00	0.00
ALBANY___2	36.40	34.32	31.89	31.75	32.41	33.80	38.50	44.04	44.84	46.37	51.56	54.70	54.82	55.72	57.00	60.53	63.07	60.66	53.68	51.28	58.04	48.41	42.10	39.86
23572	1.30	0.97	0.84	0.86	0.82	1.02	1.59	1.45	1.73	1.87	2.11	2.20	2.21	2.50	2.50	2.42	2.59	2.61	2.30	2.26	2.15	2.26	1.34	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	0.00	-3.61	-4.66	-3.47	0.00	-0.14	-5.57	-4.16	-1.38	-0.22	0.00	-9.07	0.00	0.00	0.00
ALBANY___3	36.40	34.32	31.89	31.75	32.41	33.80	38.50	44.04	44.84	46.37	51.56	54.70	54.82	55.72	57.00	60.53	63.07	60.66	53.68	51.28	58.04	48.41	42.10	39.86
23573	1.30	0.97	0.84	0.86	0.82	1.02	1.59	1.45	1.73	1.87	2.11	2.20	2.21	2.50	2.50	2.42	2.59	2.61	2.30	2.26	2.15	2.26	1.34	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	0.00	-3.61	-4.66	-3.47	0.00	-0.14	-5.57	-4.16	-1.38	-0.22	0.00	-9.07	0.00	0.00	0.00
ALBANY___4	36.40	34.32	31.89	31.75	32.41	33.80	38.50	44.04	44.84	46.37	51.56	54.70	54.82	55.72	57.00	60.53	63.07	60.66	53.68	51.28	58.04	48.41	42.10	39.86
23574	1.30	0.97	0.84	0.86	0.82	1.02	1.59	1.45	1.73	1.87	2.11	2.20	2.21	2.50	2.50	2.42	2.59	2.61	2.30	2.26	2.15	2.26	1.34	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	0.00	-3.61	-4.66	-3.47	0.00	-0.14	-5.57	-4.16	-1.38	-0.22	0.00	-9.07	0.00	0.00	0.00



ALBANY___LFGE 323615	36.68 1.58 0.00	34.59 1.23 0.00	32.14 1.09 0.00	32.00 1.11 0.00	32.66 1.07 0.00	34.09 1.31 0.00	38.79 1.88 0.00	44.64 2.04 0.00	45.45 2.32 -0.85	47.04 2.54 0.00	52.31 2.80 -3.67	55.50 2.92 -4.74	55.67 3.00 -3.54	56.58 3.35 0.00	57.83 3.32 -0.16	61.48 3.26 -5.67	64.05 3.49 -4.24	61.54 3.46 -1.41	54.45 3.07 -0.22	51.97 2.94 0.00	58.91 2.86 -9.24	49.15 3.00 0.00	42.71 1.96 0.00	40.44 1.82 0.00
ALCOA_RYNLDS___DRP 24188	34.50 -0.60 0.00	33.05 -0.30 0.00	30.86 -0.19 0.00	30.70 -0.19 0.00	31.46 -0.13 0.00	32.36 -0.43 0.00	36.17 -0.74 0.00	41.36 -1.24 0.00	40.92 -1.35 0.00	43.39 -1.11 0.00	44.33 -1.51 0.00	45.97 -1.87 0.00	46.38 -2.11 0.64	50.87 -2.34 0.01	47.26 -2.45 4.66	50.08 -2.36 0.10	53.90 -2.42 0.00	54.29 -2.38 0.00	49.21 -1.94 0.00	47.17 -1.86 0.00	45.09 -1.73 0.00	44.44 -1.71 0.00	39.28 -1.47 0.00	37.70 -0.93 0.00
ALLEGHENY___COGEN 23514	35.00 -0.11 0.00	32.75 -0.60 0.00	30.43 -0.62 0.00	30.21 -0.68 0.00	31.02 -0.57 0.00	32.91 0.13 0.00	36.65 -0.26 0.00	42.98 0.38 0.00	42.41 0.04 -0.10	44.06 -0.45 0.00	46.13 -0.14 -0.42	44.85 -3.54 -0.55	45.76 -3.78 -0.41	49.12 -4.10 0.00	50.07 -4.29 0.00	49.15 -4.05 -0.65	52.29 -4.51 -0.48	52.36 -4.48 -0.16	46.89 -4.30 -0.03	44.96 -4.07 0.00	44.00 -3.89 -1.06	43.24 -2.91 0.00	41.89 1.14 0.00	38.55 -0.08 0.00
ALTONA_WT_PWR 323606	34.89 -0.21 0.00	33.35 0.00 0.00	31.18 0.12 0.00	31.01 0.12 0.00	31.78 0.19 0.00	32.72 -0.07 0.00	36.61 -0.30 0.00	41.95 -0.64 0.00	41.55 -0.72 0.00	44.01 -0.49 0.00	45.07 -0.78 0.00	46.93 -0.91 0.00	47.35 -1.13 0.66	51.99 -1.22 0.01	48.31 -1.30 4.75	51.18 -1.26 0.10	55.02 -1.30 0.00	55.48 -1.19 0.00	50.24 -0.92 0.00	48.15 -0.88 0.00	45.88 -0.94 0.00	45.04 -1.11 0.00	39.77 -0.98 0.00	38.13 -0.50 0.00
AMERICAN_REF_FUEL 24010	33.00 -2.11 0.00	30.88 -2.47 0.00	28.75 -2.30 0.00	28.48 -2.41 0.00	29.19 -2.40 0.00	31.05 -1.74 0.00	33.81 -3.10 0.00	39.53 -3.07 0.00	38.34 -4.02 -0.08	39.38 -5.12 0.00	41.42 -4.81 -0.39	43.36 -4.98 -0.50	44.74 -4.77 -0.37	47.90 -5.32 0.00	48.87 -5.49 0.00	47.94 -5.20 -0.60	51.10 -5.63 -0.42	51.09 -5.72 -0.14	45.81 -5.37 -0.02	43.93 -5.10 0.00	42.92 -4.82 -0.92	42.55 -3.60 0.00	39.24 -1.51 0.00	36.08 -2.55 0.00
ARTHUR_KILL_GT_1 23520	37.53 2.42 -0.01	35.23 1.87 -0.01	32.45 1.40 0.00	32.22 1.33 0.00	32.91 1.33 0.00	34.39 1.61 0.00	39.60 2.69 0.00	46.51 3.92 0.00	49.24 4.14 -2.83	76.05 4.45 -27.10	72.96 4.81 -22.30	58.53 5.21 -5.47	72.89 5.55 -18.20	72.92 6.17 -13.53	72.92 6.41 -12.14	72.93 6.36 -14.02	74.52 6.81 -11.39	74.14 6.74 -10.73	72.99 6.14 -15.69	72.94 5.79 -18.13	78.51 5.24 -26.44	60.46 5.31 -9.01	44.92 4.16 -0.01	41.96 3.32 -0.01
ARTHUR_KILL_2 23512	37.53 2.42 -0.01	35.23 1.87 -0.01	32.45 1.40 0.00	32.22 1.33 0.00	32.91 1.33 0.00	34.39 1.61 0.00	39.60 2.69 0.00	46.51 3.92 0.00	49.24 4.14 -2.83	76.05 4.45 -27.10	72.96 4.81 -22.30	58.53 5.21 -5.47	72.89 5.55 -18.20	72.92 6.17 -13.53	72.92 6.41 -12.14	72.93 6.36 -14.02	74.52 6.81 -11.39	74.14 6.74 -10.73	72.99 6.14 -15.69	72.94 5.79 -18.13	78.51 5.24 -26.44	60.46 5.31 -9.01	44.92 4.16 -0.01	41.96 3.32 -0.01
ARTHUR_KILL_3 23513	37.17 2.07 0.00	34.85 1.50 0.00	32.14 1.09 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.32 1.54 0.00	39.57 2.66 0.00	46.43 3.83 0.00	49.27 4.18 -2.82	69.70 4.45 -20.75	68.47 4.86 -17.76	58.37 5.26 -5.26	69.94 5.60 -15.21	70.46 6.07 -11.17	71.08 6.36 -10.36	71.21 6.20 -12.47	73.34 6.59 -10.43	71.43 6.52 -8.24	68.76 5.99 -11.61	68.03 5.64 -13.36	73.34 5.15 -21.37	57.95 5.17 -6.63	44.50 3.75 0.00	41.49 2.86 0.00
ASHOKAN____ 23654	37.45 2.35 0.00	35.25 1.90 0.00	32.67 1.61 0.00	32.49 1.61 0.00	33.23 1.64 0.00	34.78 2.00 0.00	39.86 2.95 0.00	46.17 3.58 0.00	46.97 3.97 -0.73	48.77 4.27 0.00	53.56 4.58 -3.13	56.86 4.98 -4.04	57.49 5.36 -2.99	59.02 5.80 0.00	60.67 6.31 0.00	63.58 6.20 -4.83	66.69 6.76 -3.61	64.73 6.86 -1.20	57.13 5.78 -0.19	54.62 5.59 0.00	59.93 5.24 -7.87	51.36 5.21 0.00	44.62 3.87 0.00	41.95 3.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.46 2.35 -0.01	35.16 1.80 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.33 3.75 0.01	47.24 4.23 -0.74	49.18 4.49 -0.19	53.64 4.81 -2.98	56.83 5.26 -3.73	57.72 5.60 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.27 6.10 -4.63	66.36 6.48 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.67 5.64 -0.01	59.07 5.10 -7.15	51.32 5.17 -0.01	44.51 3.75 -0.01	41.61 2.97 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	37.46 2.35 -0.01	35.16 1.80 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.83 5.26 -3.73	57.72 5.60 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.67 5.64 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT2_1 24094	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT2_2 24095	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT2_3 24096	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT2_4 24097	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT3_1 24098	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01



ASTORIA_GT3_2 24099	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT3_3 24100	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT3_4 24101	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT4_1 24102	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT4_2 24103	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT4_3 24104	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT4_4 24105	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT_1 23523	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT_10 24110	37.43 2.32 -0.01	35.09 1.73 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.64 4.05 0.00	49.73 4.35 -3.10	54.59 4.67 -5.42	57.68 5.00 -6.84	58.72 5.41 -5.47	65.05 5.75 -10.17	67.82 6.33 -8.26	70.66 6.58 -9.72	70.15 6.46 -11.14	74.64 6.93 -11.39	64.90 6.80 -1.43	57.54 6.19 -0.19	54.87 5.83 -0.01	59.26 5.29 -7.15	51.51 5.35 -0.01	44.79 4.03 -0.01	41.84 3.21 -0.01
ASTORIA_GT_11 24225	37.43 2.32 -0.01	35.09 1.73 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.64 4.05 0.00	49.73 4.35 -3.10	54.59 4.67 -5.42	57.68 5.00 -6.84	58.72 5.41 -5.47	65.05 5.75 -10.17	67.82 6.33 -8.26	70.66 6.58 -9.72	70.15 6.46 -11.14	74.64 6.93 -11.39	64.90 6.80 -1.43	57.54 6.19 -0.19	54.87 5.83 -0.01	59.26 5.29 -7.15	51.51 5.35 -0.01	44.79 4.03 -0.01	41.84 3.21 -0.01
ASTORIA_GT_12 24226	37.43 2.32 -0.01	35.09 1.73 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.64 4.05 0.00	49.73 4.35 -3.10	54.59 4.67 -5.42	57.68 5.00 -6.84	58.72 5.41 -5.47	65.05 5.75 -10.17	67.82 6.33 -8.26	70.66 6.58 -9.72	70.15 6.46 -11.14	74.64 6.93 -11.39	64.90 6.80 -1.43	57.54 6.19 -0.19	54.87 5.83 -0.01	59.26 5.29 -7.15	51.51 5.35 -0.01	44.79 4.03 -0.01	41.84 3.21 -0.01
ASTORIA_GT_13 24227	37.43 2.32 -0.01	35.09 1.73 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.64 4.05 0.00	49.73 4.35 -3.10	54.59 4.67 -5.42	57.68 5.00 -6.84	58.72 5.41 -5.47	65.05 5.75 -10.17	67.82 6.33 -8.26	70.66 6.58 -9.72	70.15 6.46 -11.14	74.64 6.93 -11.39	64.90 6.80 -1.43	57.54 6.19 -0.19	54.87 5.83 -0.01	59.26 5.29 -7.15	51.51 5.35 -0.01	44.79 4.03 -0.01	41.84 3.21 -0.01
ASTORIA_GT_5 24106	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT_7 24107	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA_GT_8 24108	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ASTORIA___2 24149	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01



ASTORIA___3 23516	37.43 2.32 -0.01	35.09 1.73 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.64 4.05 0.00	49.73 4.35 -3.10	54.59 4.67 -5.42	57.68 5.00 -6.84	58.72 5.41 -5.47	65.05 5.75 -10.17	67.82 6.33 -8.26	70.66 6.58 -9.72	70.15 6.46 -11.14	74.64 6.93 -11.39	64.90 6.80 -1.43	57.54 6.19 -0.19	54.87 5.83 -0.01	59.26 5.29 -7.15	51.51 5.35 -0.01	44.79 4.03 -0.01	41.84 3.21 -0.01
ASTORIA___4 23517	37.43 2.32 -0.01	35.09 1.73 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.64 4.05 0.00	49.73 4.35 -3.10	54.59 4.67 -5.42	57.68 5.00 -6.84	58.72 5.41 -5.47	65.05 5.75 -10.17	67.82 6.33 -8.26	70.66 6.58 -9.72	70.15 6.46 -11.14	74.64 6.93 -11.39	64.90 6.80 -1.43	57.54 6.19 -0.19	54.87 5.83 -0.01	59.26 5.29 -7.15	51.51 5.35 -0.01	44.79 4.03 -0.01	41.84 3.21 -0.01
ASTORIA___5 23518	37.46 2.35 -0.01	35.19 1.83 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.38 3.79 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.88 5.31 -3.73	57.77 5.65 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.32 6.15 -4.63	66.42 6.53 -3.57	64.23 6.46 -1.09	57.32 5.99 -0.18	54.67 5.64 -0.01	59.07 5.10 -7.15	51.37 5.21 -0.01	44.55 3.79 -0.01	41.61 2.97 -0.01
ATHENS_STG_1 23668	36.30 1.19 0.00	34.22 0.87 0.00	31.73 0.68 0.00	31.57 0.68 0.00	32.25 0.66 0.00	33.67 0.89 0.00	38.42 1.51 0.00	44.72 2.13 0.00	45.41 2.41 -0.73	47.08 2.58 0.00	51.83 2.84 -3.14	54.91 3.01 -4.06	55.33 3.19 -3.00	56.68 3.46 0.00	57.95 3.59 0.00	60.91 3.52 -4.85	63.66 3.72 -3.62	61.61 3.74 -1.20	54.72 3.38 -0.19	52.26 3.24 0.00	57.71 3.00 -7.89	49.15 3.00 0.00	42.87 2.12 0.00	40.33 1.70 0.00
ATHENS_STG_2 23670	36.30 1.19 0.00	34.22 0.87 0.00	31.73 0.68 0.00	31.57 0.68 0.00	32.25 0.66 0.00	33.67 0.89 0.00	38.42 1.51 0.00	44.72 2.13 0.00	45.41 2.41 -0.73	47.08 2.58 0.00	51.83 2.84 -3.14	54.91 3.01 -4.06	55.33 3.19 -3.00	56.68 3.46 0.00	57.95 3.59 0.00	60.91 3.52 -4.85	63.66 3.72 -3.62	61.61 3.74 -1.20	54.72 3.38 -0.19	52.26 3.24 0.00	57.71 3.00 -7.89	49.15 3.00 0.00	42.87 2.12 0.00	40.33 1.70 0.00
ATHENS_STG_3 23677	36.30 1.19 0.00	34.22 0.87 0.00	31.73 0.68 0.00	31.57 0.68 0.00	32.25 0.66 0.00	33.67 0.89 0.00	38.42 1.51 0.00	44.72 2.13 0.00	45.41 2.41 -0.73	47.08 2.58 0.00	51.83 2.84 -3.14	54.91 3.01 -4.06	55.33 3.19 -3.00	56.68 3.46 0.00	57.95 3.59 0.00	60.91 3.52 -4.85	63.66 3.72 -3.62	61.61 3.74 -1.20	54.72 3.38 -0.19	52.26 3.24 0.00	57.71 3.00 -7.89	49.15 3.00 0.00	42.87 2.12 0.00	40.33 1.70 0.00
BARRETT_IC_1 23704	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT_IC_10 23701	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT_IC_11 23702	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT_IC_12 23703	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT_IC_2 23705	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT_IC_3 23706	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT_IC_4 23707	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT_IC_5 23708	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT_IC_6 23709	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT_IC_7 23710	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57



BARRETT_IC_8 23711	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT_IC_9 23700	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT___1 23545	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BARRETT___2 23546	37.18 2.07 -0.01	34.93 1.57 -0.01	31.80 0.75 -0.01	31.60 0.71 0.00	32.29 0.69 -0.01	33.90 1.11 -0.01	38.98 2.07 -0.01	46.22 3.58 -0.05	48.01 4.99 -0.75	50.03 5.34 -0.19	54.43 5.59 -2.99	57.61 6.03 -3.74	58.51 6.39 -2.99	61.13 6.97 -0.93	62.05 7.34 -0.35	65.46 6.94 -5.98	67.51 7.60 -3.59	65.37 7.59 -1.10	58.09 6.75 -0.18	55.51 6.47 -0.01	59.88 5.90 -7.16	54.73 5.63 -2.95	86.19 4.52 -40.92	53.98 3.79 -11.57
BEAVER RIVER___HYD 24048	36.33 1.23 0.00	34.39 1.03 0.00	31.80 0.75 0.00	31.69 0.80 0.00	32.44 0.85 0.00	33.57 0.79 0.00	37.94 1.03 0.00	44.04 1.45 0.00	43.67 1.39 0.00	46.15 1.65 0.00	47.31 1.47 0.00	49.32 1.48 0.18	50.13 1.18 0.00	54.55 1.33 0.00	54.39 1.36 1.33	53.46 0.95 0.03	57.61 1.30 0.00	57.80 1.13 0.00	52.64 1.48 0.00	50.55 1.52 0.00	48.83 2.01 0.00	47.72 1.57 0.00	42.10 1.34 0.00	39.40 0.77 0.00
BEEBEE_GT_13 23619	34.89 -0.21 0.00	32.68 -0.67 0.00	30.40 -0.65 0.00	30.27 -0.62 0.00	31.05 -0.54 0.00	32.78 0.00 0.00	36.54 -0.37 0.00	42.89 0.30 0.00	42.59 0.25 -0.07	44.59 0.09 0.00	46.64 0.50 -0.29	48.89 0.67 -0.38	50.45 1.03 -0.28	54.45 1.22 0.00	55.56 1.20 0.00	54.05 1.05 -0.45	57.50 0.84 -0.34	57.75 0.96 -0.11	51.79 0.61 -0.02	49.52 0.49 0.00	47.89 0.33 -0.75	46.93 0.78 0.00	41.85 1.10 0.00	38.59 -0.04 0.00
BETHLEHEM___GRP 23843	36.40 1.30 0.00	34.32 0.97 0.00	31.89 0.84 0.00	31.75 0.86 0.00	32.41 0.82 0.00	33.80 1.02 0.00	38.50 1.59 0.00	44.04 1.45 0.00	44.84 1.73 -0.84	46.37 1.87 0.00	51.56 2.11 -3.61	54.70 2.20 -4.66	54.82 2.21 -3.47	55.72 2.50 0.00	57.00 2.50 -0.14	60.53 2.42 -5.57	63.07 2.59 -4.16	60.66 2.61 -1.38	53.68 2.30 -0.22	51.28 2.26 0.00	58.04 2.15 -9.07	48.41 2.26 0.00	42.10 1.34 0.00	39.86 1.24 0.00
BETHLEHEM___GS1 323560	36.40 1.30 0.00	34.32 0.97 0.00	31.89 0.84 0.00	31.75 0.86 0.00	32.41 0.82 0.00	33.80 1.02 0.00	38.50 1.59 0.00	44.04 1.45 0.00	44.84 1.73 -0.84	46.37 1.87 0.00	51.56 2.11 -3.61	54.70 2.20 -4.66	54.82 2.21 -3.47	55.72 2.50 0.00	57.00 2.50 -0.14	60.53 2.42 -5.57	63.07 2.59 -4.16	60.66 2.61 -1.38	53.68 2.30 -0.22	51.28 2.26 0.00	58.04 2.15 -9.07	48.41 2.26 0.00	42.10 1.34 0.00	39.86 1.24 0.00
BETHLEHEM___GS2 323561	36.40 1.30 0.00	34.32 0.97 0.00	31.89 0.84 0.00	31.75 0.86 0.00	32.41 0.82 0.00	33.80 1.02 0.00	38.50 1.59 0.00	44.04 1.45 0.00	44.84 1.73 -0.84	46.37 1.87 0.00	51.56 2.11 -3.61	54.70 2.20 -4.66	54.82 2.21 -3.47	55.72 2.50 0.00	57.00 2.50 -0.14	60.53 2.42 -5.57	63.07 2.59 -4.16	60.66 2.61 -1.38	53.68 2.30 -0.22	51.28 2.26 0.00	58.04 2.15 -9.07	48.41 2.26 0.00	42.10 1.34 0.00	39.86 1.24 0.00
BETHLEHEM___GS3 323562	36.40 1.30 0.00	34.32 0.97 0.00	31.89 0.84 0.00	31.75 0.86 0.00	32.41 0.82 0.00	33.80 1.02 0.00	38.50 1.59 0.00	44.04 1.45 0.00	44.84 1.73 -0.84	46.37 1.87 0.00	51.56 2.11 -3.61	54.70 2.20 -4.66	54.82 2.21 -3.47	55.72 2.50 0.00	57.00 2.50 -0.14	60.53 2.42 -5.57	63.07 2.59 -4.16	60.66 2.61 -1.38	53.68 2.30 -0.22	51.28 2.26 0.00	58.04 2.15 -9.07	48.41 2.26 0.00	42.10 1.34 0.00	39.86 1.24 0.00
BETHLEHEM___STEEL 23779	33.10 -2.00 0.00	30.98 -2.37 0.00	28.82 -2.24 0.00	28.54 -2.35 0.00	29.25 -2.34 0.00	31.14 -1.64 0.00	34.10 -2.81 0.00	39.87 -2.73 0.00	38.73 -3.64 -0.09	39.87 -4.63 0.00	41.85 -4.40 -0.41	43.78 -4.59 -0.53	45.15 -4.37 -0.39	48.27 -4.95 0.00	49.36 -5.00 0.00	48.40 -4.78 -0.63	51.58 -5.18 -0.44	51.55 -5.27 -0.15	46.22 -4.96 -0.02	44.32 -4.71 0.00	43.35 -4.45 -0.98	42.83 -3.32 0.00	39.41 -1.34 0.00	36.20 -2.43 0.00
BETHPAGE_CC_5 323564	37.35 2.25 0.00	35.12 1.77 0.00	31.89 0.84 0.00	31.68 0.80 0.01	32.37 0.79 0.00	33.93 1.15 0.00	39.05 2.14 0.00	46.21 3.62 0.00	47.84 4.86 -0.71	49.91 5.30 -0.11	54.51 5.68 -2.98	57.84 6.27 -3.73	58.75 6.63 -2.98	61.61 7.45 -0.94	62.42 7.72 -0.34	65.99 7.46 -5.98	67.96 8.05 -3.59	65.70 7.93 -1.10	58.44 7.11 -0.17	55.80 6.77 -0.01	60.25 6.27 -7.16	55.15 6.05 -2.95	49.57 4.81 -4.01	43.55 4.02 -0.90
BINGHAMTON___COGEN 23790	35.35 0.25 0.00	33.35 0.00 0.00	30.99 -0.06 0.00	30.80 -0.09 0.00	31.52 -0.06 0.00	32.98 0.20 0.00	37.24 0.33 0.00	43.28 0.68 0.00	43.21 0.72 -0.22	45.03 0.53 0.00	47.49 0.69 -0.96	49.89 0.81 -1.24	50.99 0.93 -0.92	54.18 0.96 0.00	55.39 1.03 0.00	55.08 1.05 -1.48	58.49 1.07 -1.10	58.05 1.02 -0.36	52.08 0.87 -0.06	49.86 0.83 0.00	49.99 0.80 -2.38	47.02 0.88 0.00	41.53 0.77 0.00	38.98 0.35 0.00
BLACK RIVER___HYD 24047	36.68 1.58 0.00	34.65 1.30 0.00	31.95 0.90 0.00	31.85 0.96 0.00	32.63 1.04 0.00	33.80 1.02 0.00	38.31 1.40 0.00	44.68 2.09 0.00	44.32 2.03 -0.02	47.53 3.03 0.00	48.98 3.03 -0.11	51.23 3.25 -0.14	52.09 2.95 -0.01	56.47 3.25 0.00	56.80 3.15 0.71	55.48 2.78 -0.15	59.01 2.59 -0.10	59.03 2.32 -0.03	53.67 2.51 -0.01	51.43 2.40 0.00	50.04 3.00 -0.22	48.46 2.31 0.00	42.71 1.96 0.00	39.75 1.12 0.00
BLISS_WT_PWR 323608	34.89 -0.21 0.00	32.58 -0.77 0.00	30.18 -0.87 0.00	29.93 -0.96 0.00	30.80 -0.79 0.00	33.18 0.39 0.00	37.43 0.52 0.00	42.81 0.21 0.00	41.40 -0.97 -0.10	42.99 -1.51 0.00	45.10 -1.19 -0.45	47.13 -1.29 -0.58	48.53 -1.03 -0.43	51.68 -1.54 0.00	52.84 -1.52 0.00	51.76 -1.47 -0.69	55.29 -1.52 -0.49	54.79 -2.04 -0.16	49.14 -2.05 -0.03	47.21 -1.81 0.00	45.98 -1.92 -1.08	44.95 -1.20 0.00	42.63 1.87 0.00	38.67 0.04 0.00
BLUE_CIRC_CHEM_DRP 24182	36.22 1.12 0.00	34.18 0.83 0.00	31.77 0.71 0.00	31.60 0.71 0.00	32.28 0.69 0.00	33.63 0.85 0.00	38.13 1.22 0.00	44.08 1.49 0.00	44.84 1.73 -0.83	46.28 1.78 0.00	51.43 2.02 -3.57	54.60 2.15 -4.61	54.81 2.26 -3.41	55.72 2.50 0.00	56.92 2.55 0.00	60.52 2.47 -5.51	63.08 2.65 -4.12	60.70 2.66 -1.37	53.78 2.40 -0.22	51.33 2.30 0.00	57.95 2.15 -8.97	48.41 2.26 0.00	42.30 1.55 0.00	39.98 1.35 0.00



BOC_GAS_DRP 24189	36.15 1.05 0.00	34.12 0.77 0.00	31.70 0.65 0.00	31.54 0.65 0.00	32.22 0.63 0.00	33.57 0.79 0.00	38.20 1.29 0.00	44.13 1.53 0.00	44.84 1.73 -0.84	46.33 1.82 0.00	51.47 2.02 -3.61	54.65 2.15 -4.66	54.80 2.21 -3.45	55.67 2.45 0.00	56.86 2.50 0.00	60.53 2.42 -5.57	63.07 2.59 -4.16	60.66 2.61 -1.38	53.73 2.35 -0.22	51.28 2.26 0.00	57.99 2.11 -9.07	48.36 2.22 0.00	42.22 1.47 0.00	39.94 1.31 0.00
BORALEX_4TH_BRANCH 23824	37.17 2.07 0.00	35.02 1.67 0.00	32.51 1.46 0.00	32.37 1.48 0.00	33.04 1.45 0.00	34.55 1.77 0.00	39.46 2.55 0.00	45.87 3.28 0.00	46.78 3.68 -0.83	48.42 3.92 0.00	53.65 4.22 -3.59	56.73 4.26 -4.63	56.76 4.18 -3.45	57.69 4.47 0.00	59.02 4.51 -0.14	62.39 4.31 -5.54	65.13 4.67 -4.14	62.75 4.70 -1.38	55.62 4.25 -0.22	53.20 4.17 0.00	59.96 4.12 -9.02	50.35 4.20 0.00	43.60 2.85 0.00	41.29 2.67 0.00
BOWLINE___1 23526	36.93 1.83 0.00	34.65 1.30 0.00	32.01 0.96 0.00	31.85 0.96 0.00	32.50 0.92 0.00	34.09 1.31 0.00	39.20 2.29 0.00	45.87 3.28 0.00	46.61 3.64 -0.70	48.49 3.87 -0.11	52.93 4.22 -2.86	56.11 4.64 -3.63	56.96 5.01 -2.82	58.83 5.43 -0.18	60.38 5.82 -0.21	62.65 5.67 -4.43	65.78 6.08 -3.38	63.69 5.95 -1.07	56.70 5.37 -0.17	54.13 5.10 0.00	58.48 4.68 -6.98	50.76 4.61 0.00	44.05 3.30 0.00	41.22 2.59 0.00
BOWLINE___2 23595	36.93 1.83 0.00	34.65 1.30 0.00	32.01 0.96 0.00	31.85 0.96 0.00	32.50 0.92 0.00	34.09 1.31 0.00	39.20 2.29 0.00	45.87 3.28 0.00	46.61 3.64 -0.70	48.49 3.87 -0.12	52.93 4.22 -2.86	56.11 4.64 -3.63	56.96 5.01 -2.82	58.83 5.43 -0.18	60.38 5.82 -0.21	62.65 5.67 -4.43	65.78 6.08 -3.38	63.69 5.95 -1.07	56.70 5.37 -0.17	54.13 5.10 0.00	58.48 4.68 -6.98	50.76 4.61 0.00	44.05 3.30 0.00	41.22 2.59 0.00
BROOKHAVEN___DRP 24191	37.38 2.28 0.00	35.28 1.93 0.00	31.89 0.84 0.00	31.68 0.80 0.01	32.37 0.79 0.00	34.06 1.28 0.00	38.64 1.73 0.00	45.91 3.32 0.01	47.61 4.61 -0.73	49.90 5.25 -0.15	54.56 5.73 -2.98	57.79 6.22 -3.73	58.85 6.73 -2.98	61.72 7.56 -0.94	62.47 7.77 -0.34	65.99 7.46 -5.98	68.02 8.11 -3.59	65.70 7.93 -1.10	58.59 7.26 -0.17	56.00 6.96 -0.01	60.54 6.55 -7.16	55.33 6.23 -2.96	47.50 4.81 -1.94	42.73 3.67 -0.43
BROOKLYN_NAVY_YARD 23515	37.28 2.18 0.00	34.92 1.57 0.00	32.20 1.15 0.00	32.00 1.11 0.00	32.69 1.11 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	47.12 4.10 -0.75	49.10 4.41 -0.19	53.65 4.81 -2.99	56.84 5.26 -3.74	57.72 5.60 -2.99	59.65 6.12 -0.31	61.12 6.41 -0.35	63.43 6.25 -4.63	66.54 6.65 -3.57	64.35 6.57 -1.10	57.38 6.04 -0.19	54.77 5.74 -0.01	59.26 5.29 -7.15	51.37 5.21 -0.01	44.62 3.87 0.00	41.68 3.05 0.00
BROOKLYN___ARMY_DRP 323595	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
BROOME___LFGE 323600	35.35 0.25 0.00	33.35 0.00 0.00	30.99 -0.06 0.00	30.80 -0.09 0.00	31.52 -0.06 0.00	32.98 0.20 0.00	37.24 0.33 0.00	43.28 0.68 0.00	43.21 0.72 -0.22	45.03 0.53 0.00	47.49 0.69 -0.96	49.89 0.81 -1.24	50.99 0.93 -0.92	54.18 0.96 0.00	55.39 1.03 0.00	55.08 1.05 -1.48	58.49 1.07 -1.10	58.05 1.02 -0.36	52.08 0.87 -0.06	49.86 0.83 0.00	49.99 0.80 -2.38	47.02 0.88 0.00	41.53 0.77 0.00	38.98 0.35 0.00
BURROWS___LYONSDAL 23803	36.15 1.05 0.00	34.22 0.87 0.00	31.67 0.62 0.00	31.54 0.65 0.00	32.28 0.69 0.00	33.47 0.69 0.00	37.87 0.96 0.00	43.96 1.36 0.00	43.67 1.39 0.00	46.10 1.60 0.00	47.45 1.60 0.00	49.51 1.67 0.00	50.53 1.47 0.08	54.87 1.65 0.00	55.53 1.74 0.57	54.00 1.47 0.01	58.06 1.75 0.00	58.26 1.59 0.00	52.85 1.69 0.00	50.65 1.62 0.00	48.74 1.92 0.00	47.72 1.57 0.00	42.06 1.30 0.00	39.40 0.77 0.00
CAITHNESS_CC_1 323624	37.35 2.25 0.00	35.25 1.90 0.00	31.86 0.81 0.00	31.65 0.77 0.01	32.34 0.76 0.00	34.03 1.25 0.00	38.68 1.77 0.00	45.95 3.36 0.01	47.65 4.65 -0.73	49.90 5.25 -0.15	54.56 5.73 -2.98	57.79 6.22 -3.73	58.85 6.73 -2.98	61.66 7.50 -0.94	62.47 7.77 -0.34	65.94 7.41 -5.98	67.97 8.05 -3.59	65.70 7.93 -1.10	58.59 7.26 -0.17	56.00 6.96 -0.01	60.49 6.51 -7.16	55.29 6.18 -2.96	47.50 4.81 -1.94	42.77 3.71 -0.43
CALPINE_BETH_PAGE_GT4 24209	37.38 2.28 0.00	35.15 1.80 0.00	31.92 0.87 0.00	31.72 0.83 0.01	32.41 0.82 0.00	34.00 1.21 0.00	39.16 2.25 0.00	46.30 3.71 0.00	47.92 4.95 -0.70	50.02 5.43 -0.10	54.65 5.82 -2.98	57.94 6.36 -3.73	58.90 6.78 -2.98	61.77 7.61 -0.93	62.58 7.88 -0.34	66.09 7.57 -5.98	68.13 8.22 -3.59	65.87 8.10 -1.10	58.59 7.26 -0.17	55.95 6.91 0.00	60.39 6.41 -7.16	55.28 6.18 -2.95	50.50 4.89 -4.86	43.77 4.06 -1.09
CALPINE_BETH_PAGE_GT_4 323586	37.38 2.28 0.00	35.15 1.80 0.00	31.92 0.87 0.00	31.72 0.83 0.01	32.41 0.82 0.00	34.00 1.21 0.00	39.16 2.25 0.00	46.30 3.71 0.00	47.92 4.95 -0.70	50.02 5.43 -0.10	54.65 5.82 -2.98	57.94 6.36 -3.73	58.90 6.78 -2.98	61.77 7.61 -0.93	62.58 7.88 -0.34	66.09 7.57 -5.98	68.13 8.22 -3.59	65.87 8.10 -1.10	58.59 7.26 -0.17	55.95 6.91 0.00	60.39 6.41 -7.16	55.28 6.18 -2.95	50.50 4.89 -4.86	43.77 4.06 -1.09
CALPINE_BP_GT1 23823	37.38 2.28 0.00	35.15 1.80 0.00	31.92 0.87 0.00	31.72 0.83 0.01	32.41 0.82 0.00	34.00 1.21 0.00	39.16 2.25 0.00	46.30 3.71 0.00	47.92 4.95 -0.70	50.02 5.43 -0.10	54.65 5.82 -2.98	57.94 6.36 -3.73	58.90 6.78 -2.98	61.77 7.61 -0.93	62.58 7.88 -0.34	66.09 7.57 -5.98	68.13 8.22 -3.59	65.87 8.10 -1.10	58.59 7.26 -0.17	55.95 6.91 0.00	60.39 6.41 -7.16	55.28 6.18 -2.95	50.50 4.89 -4.86	43.77 4.06 -1.09
CALSPAN___DRP 24200	33.10 -2.00 0.00	30.98 -2.37 0.00	28.82 -2.24 0.00	28.54 -2.35 0.00	29.25 -2.34 0.00	31.14 -1.64 0.00	34.10 -2.81 0.00	39.87 -2.73 0.00	38.73 -3.64 -0.09	39.87 -4.63 0.00	41.85 -4.40 -0.41	43.78 -4.59 -0.53	45.15 -4.37 -0.39	48.27 -4.95 0.00	49.36 -5.00 0.00	48.40 -4.78 -0.63	51.58 -5.18 -0.44	51.55 -5.27 -0.15	46.22 -4.96 -0.02	44.32 -4.71 0.00	43.35 -4.45 -0.98	42.83 -3.32 0.00	39.41 -1.34 0.00	36.20 -2.43 0.00
CANDIGU_WT_PWR 323617	34.50 -0.60 0.00	32.38 -0.97 0.00	30.09 -0.96 0.00	29.84 -1.05 0.00	30.61 -0.98 0.00	32.45 -0.33 0.00	36.02 -0.89 0.00	41.95 -0.64 0.00	41.25 -1.14 -0.12	42.63 -1.87 0.00	44.74 -1.65 -0.55	46.77 -1.77 -0.71	48.09 -1.57 -0.52	51.41 -1.81 0.00	52.57 -1.79 0.00	51.76 -1.63 -0.84	55.13 -1.80 -0.61	54.89 -1.98 -0.21	49.25 -1.94 -0.03	47.31 -1.72 0.00	46.48 -1.69 -1.35	45.18 -0.97 0.00	40.79 0.04 0.00	37.82 -0.81 0.00
CARR STREET_E_SYR 24060	34.75 -0.35 0.00	32.85 -0.50 0.00	30.55 -0.50 0.00	30.39 -0.49 0.00	31.08 -0.51 0.00	32.45 -0.33 0.00	36.58 -0.33 0.00	42.51 -0.09 0.00	42.28 -0.04 -0.05	44.19 -0.31 0.00	45.87 -0.18 -0.21	47.97 -0.14 -0.28	49.29 -0.05 -0.20	53.22 0.00 0.00	54.25 -0.11 0.00	52.82 -0.05 -0.33	56.39 -0.17 -0.25	56.53 -0.23 -0.08	50.91 -0.26 -0.01	48.78 -0.25 0.00	47.13 -0.23 -0.54	46.01 -0.14 0.00	40.83 0.08 0.00	38.32 -0.31 0.00



CARTHAGE___PAPER 23857	36.58 1.47 0.00	34.59 1.23 0.00	31.92 0.87 0.00	31.81 0.93 0.00	32.60 1.01 0.00	33.73 0.95 0.00	38.16 1.25 0.00	44.47 1.87 0.00	44.11 1.82 -0.02	47.53 3.03 0.00	48.98 3.03 -0.11	51.23 3.25 -0.14	52.09 2.95 -0.01	56.47 3.25 0.00	56.80 3.15 0.71	55.48 2.78 -0.15	58.54 2.14 -0.08	58.57 1.87 -0.03	53.31 2.15 0.00	51.14 2.11 0.00	49.63 2.62 -0.19	48.18 2.03 0.00	42.46 1.71 0.00	39.63 1.00 0.00
CE_DUNWOOD___DRP 24194	37.07 1.97 0.00	34.79 1.43 0.00	32.14 1.09 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.22 1.44 0.00	39.35 2.44 0.00	46.13 3.54 0.00	46.90 3.89 -0.74	48.85 4.18 -0.17	53.35 4.54 -2.97	56.54 4.98 -3.73	57.39 5.31 -2.95	59.28 5.80 -0.26	60.75 6.09 -0.30	63.13 5.99 -4.59	66.21 6.36 -3.53	64.06 6.29 -1.10	57.01 5.68 -0.17	54.42 5.39 0.00	58.92 4.96 -7.14	50.99 4.85 0.00	44.30 3.55 0.00	41.41 2.78 0.00
CE_MILLWOOD___DRP 24193	36.96 1.86 0.00	34.72 1.37 0.00	32.04 0.99 0.00	31.88 0.99 0.00	32.57 0.98 0.00	34.13 1.34 0.00	39.27 2.36 0.00	46.00 3.41 0.00	46.76 3.76 -0.72	48.64 4.01 -0.14	53.18 4.40 -2.93	56.33 4.78 -3.70	57.19 5.16 -2.90	59.02 5.59 -0.21	60.53 5.93 -0.25	62.87 5.78 -4.54	65.99 6.19 -3.48	63.83 6.06 -1.09	56.86 5.52 -0.17	54.27 5.25 0.00	58.76 4.82 -7.12	50.86 4.71 0.00	44.17 3.42 0.00	41.29 2.67 0.00
CE_NYC2_DRP 24202	37.46 2.35 -0.01	35.13 1.77 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.45 1.67 0.00	39.71 2.81 0.00	46.68 4.09 0.00	49.77 4.40 -3.10	54.59 4.67 -5.42	57.73 5.04 -6.84	58.77 5.45 -5.47	65.10 5.80 -10.17	67.82 6.33 -8.26	70.71 6.63 -9.72	70.20 6.52 -11.14	74.64 6.93 -11.39	64.96 6.86 -1.43	57.54 6.19 -0.19	54.92 5.88 -0.01	59.31 5.34 -7.15	51.56 5.40 -0.01	44.83 4.08 -0.01	41.84 3.21 -0.01
CE_NYC_DRP 24195	37.31 2.21 0.00	34.99 1.63 0.00	32.29 1.24 0.00	32.09 1.20 0.00	32.76 1.17 0.00	34.39 1.61 0.00	39.64 2.73 0.00	46.55 3.96 0.00	49.15 4.31 -2.57	53.36 4.63 -4.23	56.85 5.04 -5.96	58.42 5.50 -5.08	63.52 5.85 -8.54	66.06 6.39 -6.45	68.63 6.69 -7.59	68.72 6.52 -9.66	72.91 6.98 -9.61	64.88 6.86 -1.35	57.59 6.24 -0.19	54.92 5.88 -0.01	59.35 5.38 -7.15	51.51 5.35 -0.01	44.70 3.95 0.00	41.72 3.09 0.00
CHAFFEE___LFGE 323603	33.59 -1.51 0.00	31.42 -1.93 0.00	29.19 -1.86 0.00	28.91 -1.98 0.00	29.69 -1.90 0.00	31.73 -1.05 0.00	35.06 -1.85 0.00	40.89 -1.70 0.00	39.62 -2.75 -0.09	40.90 -3.60 0.00	43.01 -3.25 -0.42	44.98 -3.40 -0.54	46.34 -3.19 -0.40	49.50 -3.73 0.00	50.55 -3.81 0.00	49.62 -3.57 -0.65	52.89 -3.89 -0.46	52.80 -4.02 -0.15	47.29 -3.89 -0.02	45.40 -3.63 0.00	44.36 -3.46 -1.00	43.70 -2.45 0.00	40.47 -0.29 0.00	36.93 -1.70 0.00
CHATEAUG_WT_PWR 323614	34.79 -0.32 0.00	33.28 -0.07 0.00	31.08 0.03 0.00	30.95 0.06 0.00	31.68 0.09 0.00	32.65 -0.13 0.00	36.50 -0.41 0.00	41.78 -0.81 0.00	41.38 -0.89 0.00	43.83 -0.67 0.00	44.88 -0.96 0.00	46.74 -1.10 0.00	47.15 -1.33 0.66	51.78 -1.44 0.01	48.08 -1.52 4.75	50.97 -1.47 0.10	54.80 -1.52 0.00	55.25 -1.42 0.00	49.98 -1.18 0.00	47.95 -1.08 0.00	45.69 -1.12 0.00	44.90 -1.25 0.00	39.65 -1.10 0.00	38.01 -0.62 0.00
CHAT_HIGH_FALL_HYD 323578	34.72 -0.39 0.00	33.25 -0.10 0.00	31.05 0.00 0.00	30.92 0.03 0.00	31.65 0.06 0.00	32.59 -0.20 0.00	36.43 -0.48 0.00	41.66 -0.94 0.00	41.22 -1.06 0.00	43.70 -0.80 0.00	44.74 -1.10 0.00	46.55 -1.29 0.00	46.97 -1.52 0.64	51.56 -1.65 0.01	47.98 -1.74 4.64	50.76 -1.68 0.10	54.63 -1.69 0.00	55.03 -1.64 0.00	49.83 -1.33 0.00	47.80 -1.23 0.00	45.55 -1.26 0.00	44.72 -1.43 0.00	39.49 -1.26 0.00	37.93 -0.70 0.00
CHAUTAUQUA___LFGE 323629	32.64 -2.46 0.00	30.58 -2.77 0.00	28.41 -2.64 0.00	28.14 -2.75 0.00	28.87 -2.72 0.00	30.78 -2.00 0.00	34.03 -2.88 0.00	39.70 -2.90 0.00	38.57 -3.80 -0.10	39.69 -4.81 0.00	41.47 -4.81 -0.44	43.29 -5.12 -0.57	44.55 -5.01 -0.42	47.37 -5.85 0.00	48.49 -5.87 0.00	47.66 -5.57 -0.68	50.83 -5.97 -0.48	50.66 -6.18 -0.16	45.66 -5.52 -0.03	43.83 -5.20 0.00	42.97 -4.92 -1.07	42.18 -3.97 0.00	38.80 -1.96 0.00	35.77 -2.86 0.00
CH_MIDHUDSON___DRP 24192	36.93 1.83 0.00	34.72 1.37 0.00	32.08 1.02 0.00	31.91 1.02 0.00	32.60 1.01 0.00	34.16 1.38 0.00	39.23 2.33 0.00	45.87 3.28 0.00	46.56 3.59 -0.70	48.28 3.78 0.00	52.96 4.13 -2.99	56.20 4.50 -3.86	56.76 4.77 -2.86	58.44 5.22 0.00	59.90 5.54 0.00	62.58 5.41 -4.62	65.52 5.74 -3.45	63.54 5.72 -1.15	56.46 5.12 -0.18	53.88 4.85 0.00	58.83 4.49 -7.52	50.53 4.38 0.00	44.01 3.26 0.00	41.29 2.67 0.00
CH_MISC_IPPS 23765	37.00 1.90 0.00	34.75 1.40 0.00	32.11 1.06 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.22 1.44 0.00	39.31 2.40 0.00	45.87 3.28 0.00	46.37 3.42 -0.67	47.97 3.47 0.00	52.54 3.81 -2.89	55.69 4.11 -3.73	56.32 4.42 -2.77	58.07 4.84 0.00	59.58 5.22 0.00	62.16 5.15 -4.46	65.17 5.52 -3.34	63.28 5.50 -1.11	56.14 4.81 -0.18	53.59 4.56 0.00	58.25 4.17 -7.27	50.21 4.06 0.00	44.09 3.34 0.00	41.60 2.97 0.00
CH_RES_BVR_FALLS 23983	34.93 -0.18 0.00	33.25 -0.10 0.00	30.99 -0.06 0.00	30.83 -0.06 0.00	31.52 -0.06 0.00	32.65 -0.13 0.00	36.69 -0.22 0.00	42.51 -0.09 0.00	42.15 -0.08 0.04	44.41 -0.09 0.00	45.58 -0.09 0.17	47.47 -0.14 0.22	49.17 -0.15 -0.19	53.01 -0.21 0.00	56.69 -0.22 -2.55	52.12 -0.21 0.21	55.59 -0.56 0.17	56.05 -0.57 0.06	50.64 -0.51 0.01	48.54 -0.49 0.00	45.94 -0.52 0.36	45.59 -0.55 0.00	40.26 -0.49 0.00	38.24 -0.39 0.00
CH_RES_NIAGARA 23895	33.00 -2.11 0.00	30.88 -2.47 0.00	28.75 -2.30 0.00	28.48 -2.41 0.00	29.19 -2.40 0.00	31.01 -1.77 0.00	33.77 -3.14 0.00	39.44 -3.15 0.00	38.21 -4.14 -0.08	39.25 -5.25 0.00	41.28 -4.95 -0.38	43.22 -5.12 -0.49	44.64 -4.86 -0.37	47.79 -5.43 0.00	48.76 -5.60 0.00	47.88 -5.25 -0.59	50.99 -5.74 -0.41	51.03 -5.78 -0.14	45.76 -5.42 -0.02	43.88 -5.15 0.00	42.81 -4.92 -0.91	42.50 -3.65 0.00	39.20 -1.55 0.00	36.04 -2.59 0.00
CH_RES_SYRACUSE 23985	34.79 -0.32 0.00	32.92 -0.43 0.00	30.62 -0.43 0.00	30.46 -0.43 0.00	31.18 -0.41 0.00	32.52 -0.26 0.00	36.65 -0.26 0.00	42.55 -0.04 0.00	42.33 0.00 -0.06	44.23 -0.27 0.00	45.91 -0.18 -0.25	48.02 -0.14 -0.32	49.32 -0.05 -0.24	53.17 -0.05 0.00	54.25 -0.11 0.00	52.82 -0.11 -0.38	56.43 -0.17 -0.29	56.60 -0.17 -0.10	50.92 -0.26 -0.02	48.83 -0.20 0.00	47.26 -0.19 -0.63	46.01 -0.14 0.00	40.83 0.08 0.00	38.36 -0.27 0.00
CLINTON_WT_PWR 323605	34.79 -0.32 0.00	33.28 -0.07 0.00	31.08 0.03 0.00	30.95 0.06 0.00	31.68 0.09 0.00	32.65 -0.13 0.00	36.50 -0.41 0.00	41.78 -0.81 0.00	41.38 -0.89 0.00	43.83 -0.67 0.00	44.88 -0.96 0.00	46.74 -1.10 0.00	47.15 -1.33 0.66	51.78 -1.44 0.01	48.08 -1.52 4.75	50.97 -1.47 0.10	54.80 -1.52 0.00	55.25 -1.42 0.00	49.98 -1.18 0.00	47.95 -1.08 0.00	45.69 -1.12 0.00	44.90 -1.25 0.00	39.65 0.00 0.00	38.01 -0.62 0.00
CLINTON___LFGE 323618	34.79 -0.32 0.00	33.25 -0.10 0.00	31.05 0.00 0.00	30.92 0.03 0.00	31.68 0.09 0.00	32.65 -0.13 0.00	36.58 -0.33 0.00	41.87 -0.72 0.00	41.55 -0.72 0.00	44.06 -0.45 0.00	45.11 -0.73 0.00	46.98 -0.86 0.00	47.40 -1.08 0.65	51.99 -1.22 0.01	48.27 -1.36 4.73	51.18 -1.26 0.10	55.08 -1.24 0.00	55.48 -1.19 0.00	50.24 -0.92 0.00	48.20 -0.83 0.00	45.84 -0.98 0.00	44.99 -1.15 0.00	39.69 -1.06 0.00	38.05 -0.58 0.00



COLONIE_LFGE__ 323577	37.14 2.04 0.00	34.95 1.60 0.00	32.48 1.43 0.00	32.34 1.45 0.00	33.01 1.42 0.00	34.49 1.70 0.00	39.31 2.40 0.00	45.53 2.94 0.00	46.37 3.25 -0.84	48.02 3.52 0.00	53.30 3.85 -3.61	56.37 3.88 -4.66	56.54 3.93 -3.47	57.43 4.20 0.00	58.74 4.24 -0.14	62.21 4.10 -5.57	64.87 4.39 -4.16	62.47 4.42 -1.38	55.42 4.04 -0.22	53.00 3.97 0.00	59.77 3.89 -9.07	50.21 4.06 0.00	43.52 2.77 0.00	41.26 2.63 0.00
CORNELL____ 23752	34.36 -0.74 0.00	32.72 -0.63 0.00	30.46 -0.59 0.00	30.27 -0.62 0.00	30.99 -0.60 0.00	32.32 -0.46 0.00	36.02 -0.89 0.00	41.95 -0.64 0.00	41.59 -0.80 -0.12	43.43 -1.07 0.00	45.45 -0.92 -0.52	47.65 -0.86 -0.68	48.85 -0.79 -0.50	52.37 -0.85 0.00	53.44 -0.92 0.00	52.46 -0.89 -0.81	55.90 -1.01 -0.60	56.15 -0.74 -0.22	50.48 -0.72 -0.03	48.34 -0.69 0.00	47.65 -0.61 -1.44	45.55 -0.60 0.00	40.26 -0.49 0.00	37.66 -0.97 0.00
COXSACKIE__GT 23611	37.45 2.35 0.00	35.29 1.93 0.00	32.79 1.74 0.00	32.65 1.76 0.00	33.36 1.77 0.00	34.88 2.10 0.00	39.83 2.92 0.00	45.70 3.11 0.00	46.42 3.38 0.00	48.06 3.56 0.00	52.99 3.85 -3.30	56.17 4.07 -4.26	56.61 4.32 -3.15	57.91 4.68 0.00	59.47 5.11 0.00	62.68 5.04 -5.09	65.59 5.46 -3.81	63.54 5.61 -1.26	56.01 4.66 -0.20	53.59 4.56 0.00	59.41 4.31 -8.29	50.58 4.43 0.00	43.97 3.22 0.00	41.60 2.97 0.00
CRESCENT__HYD 24018	37.14 2.04 0.00	34.95 1.60 0.00	32.48 1.43 0.00	32.34 1.45 0.00	33.01 1.42 0.00	34.49 1.70 0.00	39.31 2.40 0.00	45.53 2.94 0.00	46.37 3.25 -0.84	48.02 3.52 0.00	53.30 3.85 -3.61	56.37 3.88 -4.66	56.54 3.93 -3.47	57.43 4.20 0.00	58.74 4.24 -0.14	62.21 4.10 -5.57	64.87 4.39 -4.16	62.47 4.42 -1.38	55.42 4.04 -0.22	53.00 3.97 0.00	59.77 3.89 -9.07	50.21 4.06 0.00	43.52 2.77 0.00	41.26 2.63 0.00
CRUCIBLE_METL_DRP 24180	34.79 -0.32 0.00	32.92 -0.43 0.00	30.62 -0.43 0.00	30.46 -0.43 0.00	31.18 -0.41 0.00	32.52 -0.26 0.00	36.65 -0.26 0.00	42.55 -0.04 0.00	42.33 0.00 -0.06	44.23 -0.27 0.00	45.91 -0.18 -0.25	48.02 -0.14 -0.32	49.32 -0.05 -0.24	53.17 -0.05 0.00	54.25 -0.11 0.00	52.82 -0.11 -0.38	56.43 -0.17 -0.29	56.60 -0.17 -0.10	50.92 -0.26 -0.02	48.83 -0.20 0.00	47.26 -0.19 -0.63	46.01 -0.14 0.00	40.83 0.08 0.00	38.36 -0.27 0.00
DANC__LFGE 323619	36.68 1.58 0.00	34.65 1.30 0.00	31.95 0.90 0.00	31.85 0.96 0.00	32.63 1.04 0.00	33.80 1.02 0.00	38.31 1.40 0.00	44.68 2.09 0.00	44.32 2.03 -0.02	47.53 3.03 0.00	48.98 3.03 -0.11	51.23 3.25 -0.14	52.09 2.95 -0.01	56.47 3.25 0.00	56.80 3.15 0.71	55.48 2.78 -0.15	59.01 2.59 -0.10	59.03 2.32 -0.03	53.67 2.51 -0.01	51.43 2.40 0.00	50.04 3.00 -0.22	48.46 2.31 0.00	42.71 1.96 0.00	39.75 1.12 0.00
DANSKAMMER__1 23586	37.00 1.90 0.00	34.75 1.40 0.00	32.11 1.06 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.22 1.44 0.00	39.31 2.40 0.00	45.87 3.28 0.00	46.37 3.42 -0.67	47.97 3.47 0.00	52.54 3.81 -2.89	55.69 4.11 -3.73	56.32 4.42 -2.77	58.07 4.84 0.00	59.58 5.22 0.00	62.16 5.15 -4.46	65.17 5.52 -3.34	63.28 5.50 -1.11	56.14 4.81 -0.18	53.59 4.56 0.00	58.25 4.17 -7.27	50.21 4.06 0.00	44.09 3.34 0.00	41.60 2.97 0.00
DANSKAMMER__2 23589	37.00 1.90 0.00	34.75 1.40 0.00	32.11 1.06 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.22 1.44 0.00	39.31 2.40 0.00	45.87 3.28 0.00	46.37 3.42 -0.67	47.97 3.47 0.00	52.54 3.81 -2.89	55.69 4.11 -3.73	56.32 4.42 -2.77	58.07 4.84 0.00	59.58 5.22 0.00	62.16 5.15 -4.46	65.17 5.52 -3.34	63.28 5.50 -1.11	56.14 4.81 -0.18	53.59 4.56 0.00	58.25 4.17 -7.27	50.21 4.06 0.00	44.09 3.34 0.00	41.60 2.97 0.00
DANSKAMMER__3 23590	37.00 1.90 0.00	34.75 1.40 0.00	32.11 1.06 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.22 1.44 0.00	39.31 2.40 0.00	45.87 3.28 0.00	46.37 3.42 -0.67	47.97 3.47 0.00	52.54 3.81 -2.89	55.69 4.11 -3.73	56.32 4.42 -2.77	58.07 4.84 0.00	59.58 5.22 0.00	62.16 5.15 -4.46	65.17 5.52 -3.34	63.28 5.50 -1.11	56.14 4.81 -0.18	53.59 4.56 0.00	58.25 4.17 -7.27	50.21 4.06 0.00	44.09 3.34 0.00	41.60 2.97 0.00
DANSKAMMER__4 23591	37.00 1.90 0.00	34.75 1.40 0.00	32.11 1.06 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.22 1.44 0.00	39.31 2.40 0.00	45.87 3.28 0.00	46.37 3.42 -0.67	47.97 3.47 0.00	52.54 3.81 -2.89	55.69 4.11 -3.73	56.32 4.42 -2.77	58.07 4.84 0.00	59.58 5.22 0.00	62.16 5.15 -4.46	65.17 5.52 -3.34	63.28 5.50 -1.11	56.14 4.81 -0.18	53.59 4.56 0.00	58.25 4.17 -7.27	50.21 4.06 0.00	44.09 3.34 0.00	41.60 2.97 0.00
DANSKAMMER__DIESEL 23592	37.00 1.90 0.00	34.75 1.40 0.00	32.11 1.06 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.22 1.44 0.00	39.31 2.40 0.00	45.87 3.28 0.00	46.37 3.42 -0.67	47.97 3.47 0.00	52.54 3.81 -2.89	55.69 4.11 -3.73	56.32 4.42 -2.77	58.07 4.84 0.00	59.58 5.22 0.00	62.16 5.15 -4.46	65.17 5.52 -3.34	63.28 5.50 -1.11	56.14 4.81 -0.18	53.59 4.56 0.00	58.25 4.17 -7.27	50.21 4.06 0.00	44.09 3.34 0.00	41.60 2.97 0.00
DASHVILLE__HYD 23610	36.30 1.19 0.00	34.05 0.70 0.00	31.45 0.40 0.00	31.26 0.37 0.00	31.90 0.32 0.00	33.47 0.69 0.00	38.61 1.70 0.00	45.36 2.77 0.00	46.08 3.13 -0.68	47.84 3.34 0.00	52.44 3.67 -2.93	55.65 4.02 -3.79	56.26 4.32 -2.81	57.96 4.74 0.00	59.36 5.00 0.00	61.96 4.89 -4.53	64.88 5.18 -3.38	62.95 5.16 -1.12	55.99 4.66 -0.18	53.39 4.36 0.00	58.22 4.03 -7.37	49.98 3.83 0.00	43.56 2.81 0.00	40.75 2.12 0.00
DELAWARE__LFGE 323621	36.08 0.98 0.00	34.05 0.70 0.00	31.58 0.53 0.00	31.41 0.53 0.00	32.12 0.54 0.00	33.44 0.66 0.00	38.05 1.14 0.00	44.34 1.75 0.00	44.42 1.86 -0.29	46.55 2.05 0.00	49.35 2.25 -1.26	51.86 2.39 -1.63	52.85 2.51 -1.20	55.94 2.71 0.00	57.13 2.77 0.00	57.17 2.68 -1.94	60.64 2.87 -1.45	60.03 2.89 -0.47	53.84 2.61 -0.07	51.53 2.50 0.00	52.34 2.43 -3.08	48.46 2.31 0.00	42.42 1.67 0.00	39.83 1.20 0.00
DOGLEVILLE__HYD 23807	37.94 2.84 0.00	35.92 2.57 0.00	33.38 2.33 0.00	33.20 2.32 0.00	33.96 2.37 0.00	35.31 2.52 0.00	39.83 2.92 0.00	46.13 3.54 0.00	45.80 3.55 0.02	48.24 3.74 0.00	49.57 3.81 0.08	51.76 4.02 0.10	53.17 4.08 0.05	57.69 4.47 0.00	59.35 4.78 -0.21	57.05 4.62 0.12	61.19 4.96 0.09	61.40 4.76 0.03	55.45 4.30 0.00	53.15 4.12 0.00	50.61 3.98 0.19	50.02 3.88 0.00	44.13 3.38 0.00	41.64 3.01 0.00
DUNKIRK__1 23563	32.47 -2.63 0.00	30.42 -2.93 0.00	28.26 -2.79 0.00	28.02 -2.87 0.00	28.71 -2.87 0.00	30.59 -2.20 0.00	33.77 -3.14 0.00	39.31 -3.28 0.00	38.27 -4.10 -0.10	39.34 -5.16 0.00	41.01 -5.27 -0.44	42.86 -5.55 -0.57	44.10 -5.45 -0.42	46.89 -6.33 0.00	48.00 -6.36 0.00	47.18 -6.04 -0.68	50.32 -6.48 -0.48	50.14 -6.69 -0.16	45.20 -5.99 -0.03	43.39 -5.64 0.00	42.54 -5.34 -1.06	41.81 -4.34 0.00	38.47 -2.28 0.00	35.58 -3.05 0.00
DUNKIRK__2 23564	32.47 -2.63 0.00	30.42 -2.93 0.00	28.26 -2.79 0.00	28.02 -2.87 0.00	28.71 -2.87 0.00	30.59 -2.20 0.00	33.77 -3.14 0.00	39.31 -3.28 0.00	38.27 -4.10 -0.10	39.34 -5.16 0.00	41.01 -5.27 -0.44	42.86 -5.55 -0.57	44.10 -5.45 -0.42	46.89 -6.33 0.00	48.00 -6.36 0.00	47.18 -6.04 -0.68	50.32 -6.48 -0.48	50.14 -6.69 -0.16	45.20 -5.99 -0.03	43.39 -5.64 0.00	42.54 -5.34 -1.06	41.81 -4.34 0.00	38.47 -2.28 0.00	35.58 -3.05 0.00



DUNKIRK___3 23565	32.61 -2.49 0.00	30.58 -2.77 0.00	28.41 -2.64 0.00	28.17 -2.72 0.00	28.87 -2.72 0.00	30.72 -2.07 0.00	33.85 -3.06 0.00	39.40 -3.19 0.00	38.35 -4.02 -0.10	39.43 -5.07 0.00	41.15 -5.13 -0.44	43.00 -5.41 -0.57	44.25 -5.31 -0.42	47.15 -6.07 0.00	48.33 -6.03 0.00	47.49 -5.73 -0.68	50.66 -6.14 -0.48	50.48 -6.35 -0.16	45.40 -5.78 -0.03	43.59 -5.44 0.00	42.72 -5.15 -1.05	41.99 -4.15 0.00	38.59 -2.16 0.00	35.69 -2.94 0.00
DUNKIRK___4 23566	32.61 -2.49 0.00	30.58 -2.77 0.00	28.41 -2.64 0.00	28.17 -2.72 0.00	28.87 -2.72 0.00	30.72 -2.07 0.00	33.85 -3.06 0.00	39.40 -3.19 0.00	38.35 -4.02 -0.10	39.43 -5.07 0.00	41.15 -5.13 -0.44	43.00 -5.41 -0.57	44.25 -5.31 -0.42	47.15 -6.07 0.00	48.33 -6.03 0.00	47.49 -5.73 -0.68	50.66 -6.14 -0.48	50.48 -6.35 -0.16	45.40 -5.78 -0.03	43.59 -5.44 0.00	42.72 -5.15 -1.05	41.99 -4.15 0.00	38.59 -2.16 0.00	35.69 -2.94 0.00
EAST HAMPTON___GT 23717	38.58 3.48 0.00	36.39 3.03 0.00	32.76 1.71 0.00	32.52 1.64 0.01	33.23 1.64 0.00	35.14 2.36 0.00	40.19 3.28 0.00	47.96 5.37 0.01	49.72 6.72 -0.73	52.26 7.61 -0.15	57.08 8.25 -2.98	60.52 8.95 -3.73	61.70 9.58 -2.98	65.12 10.96 -0.94	66.01 11.31 -0.34	69.30 10.77 -5.98	71.51 11.60 -3.59	68.99 11.22 -1.10	61.51 10.18 -0.17	58.84 9.81 -0.01	63.39 9.41 -7.16	58.01 8.91 -2.95	49.43 6.72 -1.95	44.16 5.10 -0.44
EAST RIVER___6 23660	37.28 2.18 0.00	34.92 1.57 0.00	32.20 1.15 0.00	32.00 1.11 0.00	32.69 1.11 0.00	34.32 1.54 0.00	39.53 2.62 0.00	46.47 3.88 0.00	49.16 4.23 -2.66	53.47 4.54 -4.43	56.91 4.95 -6.11	58.39 5.41 -5.15	63.75 5.80 -8.81	66.31 6.33 -6.76	68.94 6.63 -7.95	68.92 6.46 -9.91	73.10 6.87 -9.91	64.84 6.80 -1.37	57.54 6.19 -0.19	54.87 5.83 -0.01	59.31 5.34 -7.15	51.42 5.26 -0.01	44.66 3.91 0.00	41.68 3.05 0.00
EAST RIVER___7 23524	37.28 2.18 0.00	34.92 1.57 0.00	32.20 1.15 0.00	32.00 1.11 0.00	32.69 1.11 0.00	34.32 1.54 0.00	39.53 2.62 0.00	46.47 3.88 0.00	49.16 4.23 -2.66	53.47 4.54 -4.43	56.91 4.95 -6.11	58.39 5.41 -5.15	63.75 5.80 -8.81	66.31 6.33 -6.76	68.94 6.63 -7.95	68.92 6.46 -9.91	73.10 6.87 -9.91	64.84 6.80 -1.37	57.54 6.19 -0.19	54.87 5.83 -0.01	59.31 5.34 -7.15	51.42 5.26 -0.01	44.66 3.91 0.00	41.68 3.05 0.00
EAST_HAMPTON___DIESEL 23722	38.58 3.48 0.00	36.39 3.03 0.00	32.76 1.71 0.00	32.52 1.64 0.01	33.23 1.64 0.00	35.14 2.36 0.00	40.19 3.28 0.00	47.96 5.37 0.01	49.72 6.72 -0.73	52.26 7.61 -0.15	57.08 8.25 -2.98	60.52 8.95 -3.73	61.70 9.58 -2.98	65.12 10.96 -0.94	66.01 11.31 -0.34	69.30 10.77 -5.98	71.51 11.60 -3.59	68.99 11.22 -1.10	61.51 10.18 -0.17	58.84 9.81 -0.01	63.39 9.41 -7.16	58.01 8.91 -2.95	49.43 6.72 -1.95	44.16 5.10 -0.44
EAST_RIVER___1 323558	37.31 2.21 0.00	34.99 1.63 0.00	32.29 1.24 0.00	32.09 1.20 0.00	32.76 1.17 0.00	34.39 1.61 0.00	39.64 2.73 0.00	46.55 3.96 0.00	49.15 4.31 -2.57	53.36 4.63 -4.23	56.85 5.04 -5.96	58.42 5.50 -5.08	63.52 5.85 -8.54	66.06 6.39 -6.45	68.63 6.69 -7.59	68.72 6.52 -9.66	72.91 6.98 -9.61	64.88 6.86 -1.35	57.59 6.24 -0.19	54.92 5.88 -0.01	59.35 5.38 -7.15	51.51 5.35 -0.01	44.70 3.95 0.00	41.72 3.09 0.00
EAST_RIVER___2 323559	37.28 2.18 0.00	34.92 1.57 0.00	32.20 1.15 0.00	32.00 1.11 0.00	32.69 1.11 0.00	34.32 1.54 0.00	39.53 2.62 0.00	46.47 3.88 0.00	49.16 4.23 -2.66	53.47 4.54 -4.43	56.91 4.95 -6.11	58.39 5.41 -5.15	63.75 5.80 -8.81	66.31 6.33 -6.76	68.94 6.63 -7.95	68.92 6.46 -9.91	73.10 6.87 -9.91	64.84 6.80 -1.37	57.54 6.19 -0.19	54.87 5.83 -0.01	59.31 5.34 -7.15	51.42 5.26 -0.01	44.66 3.91 0.00	41.68 3.05 0.00
EAST___DELAWARE_HYD 23607	36.19 1.09 0.00	34.08 0.73 0.00	31.58 0.53 0.00	31.44 0.56 0.00	32.12 0.54 0.00	33.54 0.75 0.00	38.31 1.40 0.00	44.60 2.00 0.00	45.04 2.20 -0.57	46.81 2.31 0.00	50.78 2.48 -2.46	53.80 2.77 -3.18	54.49 3.00 -2.36	56.52 3.30 0.00	57.89 3.53 0.00	59.82 3.47 -3.80	62.93 3.77 -2.84	61.52 3.91 -0.94	54.79 3.48 -0.15	52.36 3.33 0.00	56.10 3.09 -6.19	49.15 3.00 0.00	42.91 2.16 0.00	40.21 1.58 0.00
ELEC_TRO_TEK 24086	36.93 1.83 0.00	34.65 1.30 0.00	31.58 0.53 0.00	31.38 0.49 0.01	32.06 0.47 0.00	33.63 0.85 0.00	38.75 1.85 0.00	45.87 3.28 0.00	47.52 4.57 -0.68	49.45 4.90 -0.06	54.05 5.23 -2.98	57.17 5.60 -3.73	58.11 5.99 -2.98	60.75 6.60 -0.93	61.60 6.90 -0.34	65.09 6.57 -5.97	67.05 7.15 -3.59	64.91 7.14 -1.10	57.67 6.34 -0.17	55.11 6.08 0.00	59.54 5.57 -7.15	54.40 5.31 -2.95	50.60 4.20 -5.65	43.26 3.44 -1.19
ELLENBURG_WT_PWR 323604	34.79 -0.32 0.00	33.28 -0.07 0.00	31.08 0.03 0.00	30.95 0.06 0.00	31.68 0.09 0.00	32.65 -0.13 0.00	36.50 -0.41 0.00	41.78 -0.81 0.00	41.38 -0.89 0.00	43.83 -0.67 0.00	44.88 -0.96 0.00	46.74 -1.10 0.00	47.15 -1.33 0.66	51.78 -1.44 0.01	48.08 -1.52 4.75	50.97 -1.47 0.10	54.80 -1.52 0.00	55.25 -1.42 0.00	49.98 -1.18 0.00	47.95 -1.08 0.00	45.69 -1.12 0.00	44.90 -1.25 0.00	39.65 -1.10 0.00	38.01 -0.62 0.00
EMPIRE_CC_1 323656	36.58 1.47 0.00	34.49 1.13 0.00	32.01 0.96 0.00	31.88 0.99 0.00	32.53 0.95 0.00	33.96 1.18 0.00	38.72 1.81 0.00	44.85 2.26 0.00	45.62 2.54 -0.81	47.22 2.71 0.00	52.32 2.98 -3.49	55.41 3.06 -4.51	55.57 3.10 -3.34	56.58 3.35 0.00	57.78 3.42 0.00	61.25 3.31 -5.39	63.90 3.55 -4.03	61.52 3.51 -1.34	54.54 3.17 -0.21	52.12 3.09 0.00	58.60 3.00 -8.78	49.19 3.05 0.00	42.79 2.04 0.00	40.48 1.85 0.00
EMPIRE_CC_2 323658	36.58 1.47 0.00	34.49 1.13 0.00	32.01 0.96 0.00	31.88 0.99 0.00	32.53 0.95 0.00	33.96 1.18 0.00	38.72 1.81 0.00	44.85 2.26 0.00	45.62 2.54 -0.81	47.22 2.71 0.00	52.32 2.98 -3.49	55.41 3.06 -4.51	55.57 3.10 -3.34	56.58 3.35 0.00	57.78 3.42 0.00	61.25 3.31 -5.39	63.90 3.55 -4.03	61.52 3.51 -1.34	54.54 3.17 -0.21	52.12 3.09 0.00	58.60 3.00 -8.78	49.19 3.05 0.00	42.79 2.04 0.00	40.48 1.85 0.00
E_CANADA_CAP_HY 24051	35.38 0.28 0.00	33.38 0.03 0.00	30.96 -0.09 0.00	30.83 -0.06 0.00	31.56 -0.03 0.00	33.01 0.23 0.00	37.57 0.66 0.00	44.00 1.41 0.00	44.99 1.65 -1.07	46.50 2.00 0.00	52.72 2.29 -4.59	55.87 2.10 -5.92	55.66 2.11 -4.41	55.88 2.66 0.00	56.82 2.28 -0.18	61.99 2.36 -7.08	64.32 2.70 -5.29	61.03 2.61 -1.76	53.69 2.25 -0.28	51.23 2.21 0.00	60.68 2.34 -11.52	48.59 2.45 0.00	42.10 1.34 0.00	39.59 0.97 0.00
E_CANADA_MHWK_HY 24050	37.94 2.84 0.00	35.92 2.57 0.00	33.38 2.33 0.00	33.20 2.32 0.00	33.96 2.37 0.00	35.31 2.52 0.00	39.83 2.92 0.00	46.13 3.54 0.00	45.80 3.55 0.02	48.24 3.74 0.00	49.57 3.81 0.08	51.76 4.02 0.10	53.17 4.08 0.05	57.69 4.47 0.00	59.35 4.78 -0.21	57.05 4.62 0.12	61.19 4.96 0.09	61.40 4.76 0.03	55.45 4.30 0.00	53.15 4.12 0.00	50.61 3.98 0.19	50.02 3.88 0.00	44.13 3.38 0.00	41.64 3.01 0.00
E_FISHKILL___LBMP 23776	36.89 1.79 0.00	34.65 1.30 0.00	32.04 0.99 0.00	31.88 0.99 0.00	32.53 0.95 0.00	34.09 1.31 0.00	39.16 2.25 0.00	45.79 3.19 0.00	46.49 3.55 -0.67	48.28 3.78 0.00	52.81 4.08 -2.89	56.02 4.45 -3.73	56.62 4.72 -2.76	58.38 5.16 0.00	59.80 5.44 0.00	62.31 5.31 -4.46	65.28 5.63 -3.33	63.39 5.61 -1.11	56.40 5.06 -0.18	53.83 4.80 0.00	58.53 4.45 -7.26	50.49 4.34 0.00	43.93 3.18 0.00	41.18 2.55 0.00



FAR ROCKAWAY___4 23548	37.63 2.53 -0.01	35.32 1.97 -0.01	32.11 1.06 0.00	31.91 1.02 0.00	32.60 1.01 0.00	34.03 1.25 -0.01	39.20 2.29 0.00	46.51 3.88 -0.04	48.22 5.24 -0.71	50.12 5.52 -0.10	54.56 5.73 -2.99	57.75 6.17 -3.74	58.66 6.54 -2.99	61.34 7.19 -0.93	62.21 7.50 -0.35	65.72 7.20 -5.98	67.79 7.88 -3.59	65.59 7.82 -1.10	58.34 7.01 -0.18	55.80 6.77 0.00	60.16 6.18 -7.16	55.10 6.00 -2.95	78.39 4.56 -33.07	51.70 3.98 -9.09
FARRAGUT___LBMP 323566	37.28 2.18 0.00	34.95 1.60 0.00	32.23 1.18 0.00	32.03 1.14 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.51 3.92 0.00	49.20 4.27 -2.66	53.47 4.54 -4.43	56.91 4.95 -6.11	58.39 5.41 -5.15	63.70 5.75 -8.81	66.26 6.28 -6.76	68.89 6.58 -7.95	68.87 6.41 -9.91	73.10 6.87 -9.92	64.78 6.74 -1.37	57.49 6.14 -0.19	54.87 5.83 -0.01	59.31 5.34 -7.15	51.42 5.26 -0.01	44.62 3.87 0.00	41.68 3.05 0.00
FENNER___WINDPWR 24204	35.94 0.84 0.00	33.98 0.63 0.00	31.49 0.43 0.00	31.35 0.46 0.00	32.09 0.51 0.00	33.41 0.62 0.00	37.80 0.89 0.00	44.04 1.45 0.00	43.85 1.56 0.00	46.15 1.65 0.00	47.75 1.83 0.00	49.90 1.96 -0.10	51.17 1.97 -0.07	55.40 2.18 0.00	56.43 2.07 0.00	54.55 1.89 -0.12	58.49 2.08 -0.09	58.68 1.98 -0.03	52.95 1.79 0.00	50.74 1.72 0.00	48.84 1.83 -0.19	47.72 1.57 0.00	42.10 1.34 0.00	39.44 0.81 0.00
FIBERTEK___ENERGY 23856	34.79 -0.32 0.00	32.92 -0.43 0.00	30.62 -0.43 0.00	30.46 -0.43 0.00	31.18 -0.41 0.00	32.52 -0.26 0.00	36.65 -0.26 0.00	42.55 -0.04 0.00	42.33 0.00 -0.06	44.23 -0.27 0.00	45.91 -0.18 -0.25	48.02 -0.14 -0.32	49.32 -0.05 -0.24	53.17 -0.05 0.00	54.25 -0.11 0.00	52.82 -0.11 -0.38	56.43 -0.17 -0.29	56.60 -0.17 -0.10	50.92 -0.26 -0.02	48.83 -0.20 0.00	47.26 -0.19 -0.63	46.01 -0.14 0.00	40.83 0.08 0.00	38.36 -0.27 0.00
FITZPATRICK___ 23598	34.12 -0.98 0.00	32.32 -1.03 0.00	30.09 -0.96 0.00	29.90 -0.99 0.00	30.61 -0.98 0.00	31.86 -0.92 0.00	35.88 -1.03 0.00	41.49 -1.11 0.00	41.21 -1.10 -0.04	43.03 -1.47 0.00	44.59 -1.42 -0.16	46.57 -1.48 -0.21	47.82 -1.47 -0.15	51.63 -1.60 0.00	52.73 -1.63 0.00	51.22 -1.58 -0.25	54.70 -1.80 -0.19	54.92 -1.81 -0.06	49.53 -1.64 -0.01	47.46 -1.57 0.00	45.73 -1.50 -0.41	44.76 -1.38 0.00	39.85 -0.90 0.00	37.59 -1.04 0.00
FORT ORANGE___ 23900	36.61 1.51 0.00	34.52 1.17 0.00	32.08 1.02 0.00	31.91 1.02 0.00	32.60 1.01 0.00	34.00 1.21 0.00	38.75 1.85 0.00	44.64 2.04 0.00	45.42 2.32 -0.82	46.77 2.27 0.00	51.96 2.57 -3.54	55.00 2.58 -4.58	55.18 2.65 -3.39	56.20 2.98 0.00	57.35 2.99 0.00	60.96 2.94 -5.47	63.56 3.15 -4.09	61.15 3.12 -1.36	54.29 2.92 -0.22	51.82 2.79 0.00	58.26 2.53 -8.91	48.87 2.72 0.00	42.67 1.92 0.00	40.37 1.74 0.00
FORT_DRUM_COGEN 23780	36.68 1.58 0.00	34.65 1.30 0.00	31.95 0.90 0.00	31.85 0.96 0.00	32.63 1.04 0.00	33.80 1.02 0.00	38.27 1.37 0.00	44.64 2.04 0.00	44.32 2.03 -0.02	47.44 2.94 0.00	48.88 2.93 -0.10	51.13 3.16 -0.13	51.98 2.85 0.01	56.36 3.14 0.00	56.65 3.04 0.76	55.37 2.68 -0.14	58.95 2.53 -0.10	58.97 2.27 -0.03	53.62 2.46 -0.01	51.43 2.40 0.00	49.98 2.95 -0.21	48.46 2.31 0.00	42.67 1.92 0.00	39.71 1.08 0.00
FPL_FAR_ROCK_GT1 24212	37.63 2.53 -0.01	35.32 1.97 -0.01	32.11 1.06 0.00	31.91 1.02 0.00	32.60 1.01 0.00	34.03 1.25 -0.01	39.20 2.29 0.00	46.51 3.88 -0.04	48.22 5.24 -0.71	50.12 5.52 -0.10	54.56 5.73 -2.99	57.75 6.17 -3.74	58.66 6.54 -2.99	61.34 7.19 -0.93	62.21 7.50 -0.35	65.72 7.20 -5.98	67.79 7.88 -3.59	65.59 7.82 -1.10	58.34 7.01 -0.18	55.80 6.77 0.00	60.16 6.18 -7.16	55.10 6.00 -2.95	78.39 4.56 -33.07	51.70 3.98 -9.09
FPL_FAR_ROCK_GT2 23815	37.63 2.53 -0.01	35.32 1.97 -0.01	32.11 1.06 0.00	31.91 1.02 0.00	32.60 1.01 0.00	34.03 1.25 -0.01	39.20 2.29 0.00	46.51 3.88 -0.04	48.22 5.24 -0.71	50.12 5.52 -0.10	54.56 5.73 -2.99	57.75 6.17 -3.74	58.66 6.54 -2.99	61.34 7.19 -0.93	62.21 7.50 -0.35	65.72 7.20 -5.98	67.79 7.88 -3.59	65.59 7.82 -1.10	58.34 7.01 -0.18	55.80 6.77 0.00	60.16 6.18 -7.16	55.10 6.00 -2.95	78.39 4.56 -33.07	51.70 3.98 -9.09
FRANKLIN_FALL_HYD 24054	34.79 -0.32 0.00	33.28 -0.07 0.00	31.08 0.03 0.00	30.92 0.03 0.00	31.71 0.13 0.00	32.62 -0.16 0.00	36.58 -0.33 0.00	41.87 -0.72 0.00	41.47 -0.80 0.00	43.92 -0.58 0.00	44.84 -1.01 0.00	46.64 -1.20 0.00	47.01 -1.52 0.60	51.57 -1.65 0.01	48.21 -1.79 4.35	50.72 -1.73 0.09	54.46 -1.86 0.00	54.86 -1.81 0.00	49.93 -1.23 0.00	47.95 -1.08 0.00	45.69 -1.12 0.00	44.86 -1.29 0.00	39.57 -1.18 0.00	37.97 -0.66 0.00
FREEPORT_EQUS_GT1 23764	37.38 2.28 0.00	35.12 1.77 0.00	31.92 0.87 0.00	31.72 0.83 0.00	32.41 0.82 0.00	34.03 1.25 0.00	39.20 2.29 0.00	46.39 3.79 0.00	48.04 5.07 -0.69	50.10 5.52 -0.08	54.70 5.87 -2.98	57.89 6.31 -3.73	58.70 6.58 -2.98	61.45 7.29 -0.93	62.31 7.61 -0.34	65.82 7.30 -5.98	67.85 7.94 -3.59	65.64 7.88 -1.10	58.44 7.11 -0.17	55.80 6.77 0.00	60.30 6.32 -7.16	55.33 6.23 -2.95	54.59 4.93 -8.90	44.86 4.06 -2.18
FULTON COGEN___ 23766	34.50 -0.60 0.00	32.65 -0.70 0.00	30.37 -0.68 0.00	30.18 -0.71 0.00	30.89 -0.69 0.00	32.23 -0.56 0.00	36.32 -0.59 0.00	42.13 -0.47 0.00	41.85 -0.46 -0.05	43.74 -0.76 0.00	45.27 -0.78 -0.20	47.34 -0.77 -0.26	48.64 -0.69 -0.19	52.48 -0.75 0.00	53.54 -0.82 0.00	52.07 -0.79 -0.31	55.65 -0.90 -0.23	55.79 -0.96 -0.08	50.25 -0.92 -0.01	48.24 -0.78 0.00	46.58 -0.75 -0.51	45.50 -0.65 0.00	40.43 -0.33 0.00	38.01 -0.62 0.00
FULTON___LFGE 323630	38.19 3.09 0.00	35.95 2.60 0.00	33.41 2.36 0.00	33.27 2.38 0.00	34.08 2.50 0.00	35.80 3.02 0.00	40.64 3.73 0.00	47.53 4.94 0.00	48.40 5.11 -1.01	50.15 5.65 0.00	56.34 6.14 -4.35	59.58 6.12 -5.62	59.61 6.29 -4.19	60.78 7.56 0.00	61.73 7.18 -0.20	66.36 7.09 -6.72	69.11 7.77 -5.02	65.99 7.65 -1.67	58.12 6.70 -0.26	55.60 6.57 0.00	64.35 6.60 -10.93	53.25 7.11 0.00	45.97 5.22 0.00	43.34 4.71 0.00
Freeport___CT2 23818	37.38 2.28 0.00	35.12 1.77 0.00	31.92 0.87 0.00	31.72 0.83 0.00	32.41 0.82 0.00	34.03 1.25 0.00	39.20 2.29 0.00	46.39 3.79 0.00	48.04 5.07 -0.69	50.10 5.52 -0.08	54.70 5.87 -2.98	57.89 6.31 -3.73	58.70 6.58 -2.98	61.45 7.29 -0.93	62.31 7.61 -0.34	65.82 7.30 -5.98	67.85 7.94 -3.59	65.64 7.88 -1.10	58.44 7.11 -0.17	55.80 6.77 0.00	60.30 6.32 -7.16	55.33 6.23 -2.95	54.59 4.93 -8.90	44.86 4.06 -2.18
G.F.CEMENT___DRP 24184	37.28 2.18 0.00	35.12 1.77 0.00	32.60 1.55 0.00	32.49 1.61 0.00	33.13 1.55 0.00	34.68 1.90 0.00	39.49 2.58 0.00	46.04 3.45 0.00	47.05 3.93 -0.85	48.91 4.41 0.00	54.25 4.77 -3.64	57.13 4.59 -4.70	57.20 4.57 -3.50	57.48 4.26 0.00	58.92 4.40 -0.16	62.36 4.20 -5.62	65.25 4.73 -4.20	62.88 4.82 -1.39	56.03 4.66 -0.22	53.74 4.71 0.00	60.69 4.73 -9.14	51.09 4.94 0.00	43.97 3.22 0.00	41.80 3.17 0.00
GARDENVILLE___LBMP 24039	33.00 -2.11 0.00	30.92 -2.43 0.00	28.75 -2.30 0.00	28.48 -2.41 0.00	29.19 -2.40 0.00	31.05 -1.74 0.00	33.99 -2.92 0.00	39.74 -2.85 0.00	38.60 -3.76 -0.09	39.74 -4.76 0.00	41.71 -4.54 -0.41	43.63 -4.74 -0.53	44.95 -4.57 -0.39	48.06 -5.16 0.00	49.14 -5.22 0.00	48.23 -4.94 -0.63	51.35 -5.41 -0.44	51.32 -5.50 -0.15	46.07 -5.12 -0.02	44.17 -4.85 0.00	43.20 -4.59 -0.97	42.69 -3.46 0.00	39.24 -1.51 0.00	36.12 -2.51 0.00



GENERAL___MILLS 23808	33.10 -2.00 0.00	30.98 -2.37 0.00	28.82 -2.24 0.00	28.54 -2.35 0.00	29.25 -2.34 0.00	31.14 -1.64 0.00	34.10 -2.81 0.00	39.87 -2.73 0.00	38.73 -3.64 -0.09	39.87 -4.63 0.00	41.85 -4.40 -0.41	43.78 -4.59 -0.53	45.15 -4.37 -0.39	48.27 -4.95 0.00	49.36 -5.00 0.00	48.40 -4.78 -0.63	51.58 -5.18 -0.44	51.55 -5.27 -0.15	46.22 -4.96 -0.02	44.32 -4.71 0.00	43.35 -4.45 -0.98	42.83 -3.32 0.00	39.41 -1.34 0.00	36.20 -2.43 0.00
GE_PLASTICS___DRP 24183	36.26 1.16 0.00	34.22 0.87 0.00	31.80 0.75 0.00	31.66 0.77 0.00	32.31 0.73 0.00	33.70 0.92 0.00	38.35 1.44 0.00	44.08 1.49 0.00	44.76 1.65 -0.83	46.15 1.65 0.00	51.31 1.88 -3.59	54.44 1.96 -4.64	54.58 2.01 -3.43	55.46 2.24 0.00	56.64 2.28 0.00	60.29 2.21 -5.54	62.83 2.37 -4.14	60.43 2.38 -1.38	53.52 2.15 -0.22	51.09 2.06 0.00	57.76 1.92 -9.02	48.27 2.12 0.00	42.18 1.43 0.00	40.02 1.39 0.00
GILBOA___1 23756	36.08 0.98 0.00	34.05 0.70 0.00	31.70 0.65 0.00	31.54 0.65 0.00	32.22 0.63 0.00	33.54 0.75 0.00	38.16 1.25 0.00	44.34 1.75 0.00	44.86 1.94 -0.65	46.59 2.09 0.00	50.91 2.29 -2.78	53.87 2.44 -3.59	54.35 2.56 -2.66	55.88 2.66 0.00	57.13 2.77 0.00	59.56 2.73 -4.29	62.39 2.87 -3.21	60.74 3.00 -1.06	54.04 2.71 -0.17	51.58 2.55 0.00	56.18 2.39 -6.98	48.55 2.40 0.00	42.46 1.71 0.00	40.02 1.39 0.00
GILBOA___2 23757	36.08 0.98 0.00	34.05 0.70 0.00	31.70 0.65 0.00	31.54 0.65 0.00	32.22 0.63 0.00	33.54 0.75 0.00	38.16 1.25 0.00	44.34 1.75 0.00	44.86 1.94 -0.65	46.59 2.09 0.00	50.91 2.29 -2.78	53.87 2.44 -3.59	54.35 2.56 -2.66	55.88 2.66 0.00	57.13 2.77 0.00	59.56 2.73 -4.29	62.39 2.87 -3.21	60.74 3.00 -1.06	54.04 2.71 -0.17	51.58 2.55 0.00	56.18 2.39 -6.98	48.55 2.40 0.00	42.46 1.71 0.00	40.02 1.39 0.00
GILBOA___3 23758	36.08 0.98 0.00	34.05 0.70 0.00	31.70 0.65 0.00	31.54 0.65 0.00	32.22 0.63 0.00	33.54 0.75 0.00	38.16 1.25 0.00	44.34 1.75 0.00	44.86 1.94 -0.65	46.59 2.09 0.00	50.91 2.29 -2.78	53.87 2.44 -3.59	54.35 2.56 -2.66	55.88 2.66 0.00	57.13 2.77 0.00	59.56 2.73 -4.29	62.39 2.87 -3.21	60.74 3.00 -1.06	54.04 2.71 -0.17	51.58 2.55 0.00	56.18 2.39 -6.98	48.55 2.40 0.00	42.46 1.71 0.00	40.02 1.39 0.00
GILBOA___4 23759	36.08 0.98 0.00	34.05 0.70 0.00	31.70 0.65 0.00	31.54 0.65 0.00	32.22 0.63 0.00	33.54 0.75 0.00	38.16 1.25 0.00	44.34 1.75 0.00	44.86 1.94 -0.65	46.59 2.09 0.00	50.91 2.29 -2.78	53.87 2.44 -3.59	54.35 2.56 -2.66	55.88 2.66 0.00	57.13 2.77 0.00	59.56 2.73 -4.29	62.39 2.87 -3.21	60.74 3.00 -1.06	54.04 2.71 -0.17	51.58 2.55 0.00	56.18 2.39 -6.98	48.55 2.40 0.00	42.46 1.71 0.00	40.02 1.39 0.00
GILBOA___ 23599	36.08 0.98 0.00	34.05 0.70 0.00	31.70 0.65 0.00	31.54 0.65 0.00	32.22 0.63 0.00	33.54 0.75 0.00	38.16 1.25 0.00	44.34 1.75 0.00	44.86 1.94 -0.65	46.59 2.09 0.00	50.91 2.29 -2.78	53.87 2.44 -3.59	54.35 2.56 -2.66	55.88 2.66 0.00	57.13 2.77 0.00	59.56 2.73 -4.29	62.39 2.87 -3.21	60.74 3.00 -1.06	54.04 2.71 -0.17	51.58 2.55 0.00	56.18 2.39 -6.98	48.55 2.40 0.00	42.46 1.71 0.00	40.02 1.39 0.00
GINNA___ 23603	32.64 -2.46 0.00	30.68 -2.67 0.00	28.57 -2.48 0.00	28.39 -2.50 0.00	29.09 -2.50 0.00	30.62 -2.16 0.00	34.07 -2.84 0.00	39.78 -2.81 0.00	39.34 -3.00 -0.07	41.12 -3.38 0.00	42.92 -3.21 -0.29	44.91 -3.30 -0.37	46.27 -3.14 -0.28	49.87 -3.35 0.00	50.88 -3.48 0.00	49.58 -3.42 -0.45	52.71 -3.94 -0.33	52.99 -3.80 -0.11	47.54 -3.63 -0.02	45.50 -3.53 0.00	44.14 -3.42 -0.74	43.15 -3.00 0.00	38.71 -2.04 0.00	35.92 -2.70 0.00
GLEN PARK___ 23778	36.79 1.68 0.00	34.72 1.37 0.00	31.98 0.93 0.00	31.88 0.99 0.00	32.69 1.11 0.00	33.86 1.08 0.00	38.39 1.48 0.00	44.81 2.21 0.00	44.49 2.20 -0.02	47.70 3.20 0.00	49.17 3.21 -0.12	51.44 3.44 -0.15	52.30 3.14 -0.02	56.73 3.51 0.00	57.07 3.37 0.66	55.71 3.00 -0.17	59.36 2.93 -0.11	59.31 2.61 -0.04	53.93 2.76 -0.01	51.68 2.65 0.00	50.30 3.23 -0.25	48.64 2.49 0.00	42.83 2.08 0.00	39.83 1.20 0.00
GLENWOOD_IC_1_G5 23712	37.28 2.18 0.00	34.99 1.63 0.00	32.07 1.02 0.00	31.87 0.99 0.00	32.57 0.98 0.00	34.16 1.38 0.00	39.34 2.44 0.00	46.39 3.79 0.00	47.46 4.57 -0.62	49.41 4.98 0.08	54.24 5.41 -2.98	57.46 5.88 -3.73	58.41 6.29 -2.98	60.80 6.65 -0.93	61.60 6.90 -0.34	65.24 6.73 -5.97	67.11 7.21 -3.59	64.85 7.08 -1.10	57.98 6.65 -0.17	55.35 6.32 0.00	59.83 5.85 -7.15	54.77 5.68 -2.95	52.24 4.32 -7.17	43.30 3.48 -1.20
GLENWOOD_IC_2_G1 23688	37.21 2.11 0.00	34.92 1.57 0.00	32.11 1.06 0.00	31.91 1.02 0.00	32.60 1.01 0.00	34.19 1.41 0.00	39.35 2.44 0.00	46.30 3.71 0.00	47.13 4.35 -0.51	48.87 4.72 0.35	53.92 5.09 -2.98	57.12 5.55 -3.73	58.06 5.95 -2.98	60.59 6.44 -0.93	61.50 6.80 -0.34	65.09 6.57 -5.97	66.94 7.04 -3.58	64.74 6.97 -1.10	57.62 6.29 -0.17	55.01 5.98 0.00	59.50 5.52 -7.15	54.49 5.40 -2.95	50.48 4.08 -5.65	41.81 3.24 0.07
GLENWOOD_IC_3_G1 23689	37.21 2.11 0.00	34.92 1.57 0.00	32.11 1.06 0.00	31.91 1.02 0.00	32.60 1.01 0.00	34.19 1.41 0.00	39.35 2.44 0.00	46.30 3.71 0.00	47.13 4.35 -0.51	48.87 4.72 0.35	53.92 5.09 -2.98	57.12 5.55 -3.73	58.06 5.95 -2.98	60.59 6.44 -0.93	61.50 6.80 -0.34	65.09 6.57 -5.97	66.94 7.04 -3.58	64.74 6.97 -1.10	57.62 6.29 -0.17	55.01 5.98 0.00	59.50 5.52 -7.15	54.49 5.40 -2.95	50.48 4.08 -5.65	41.81 3.24 0.07
GLENWOOD___4 23550	37.28 2.18 0.00	34.99 1.63 0.00	32.07 1.02 0.00	31.87 0.99 0.00	32.57 0.98 0.00	34.16 1.38 0.00	39.34 2.44 0.00	46.39 3.79 0.00	47.51 4.61 -0.63	49.41 4.98 0.08	54.24 5.41 -2.98	57.46 5.88 -3.73	58.41 6.29 -2.98	60.91 6.76 -0.93	61.77 7.07 -0.34	65.35 6.83 -5.97	67.22 7.32 -3.59	64.96 7.20 -1.10	57.98 6.65 -0.17	55.35 6.32 0.00	59.83 5.85 -7.15	54.77 5.68 -2.95	52.23 4.32 -7.16	43.30 3.48 -1.20
GLENWOOD___5 23614	37.28 2.18 0.00	34.99 1.63 0.00	32.07 1.02 0.00	31.87 0.99 0.00	32.57 0.98 0.00	34.16 1.38 0.00	39.34 2.44 0.00	46.39 3.79 0.00	47.51 4.61 -0.63	49.41 4.98 0.08	54.24 5.41 -2.98	57.46 5.88 -3.73	58.41 6.29 -2.98	60.91 6.76 -0.93	61.77 7.07 -0.34	65.35 6.83 -5.97	67.22 7.32 -3.59	64.96 7.20 -1.10	57.98 6.65 -0.17	55.35 6.32 0.00	59.83 5.85 -7.15	54.77 5.68 -2.95	52.23 4.32 -7.16	43.30 3.48 -1.20
GLOBAL GREEN_PORT_GT1 23814	39.28 4.18 0.00	37.09 3.74 0.00	33.32 2.27 0.00	33.10 2.22 0.01	33.83 2.24 0.00	35.76 2.98 0.00	40.86 3.95 0.00	48.64 6.05 0.01	50.31 7.31 -0.73	52.88 8.23 -0.15	57.77 8.94 -2.98	61.24 9.66 -3.73	62.48 10.37 -2.98	66.03 11.87 -0.94	66.93 12.23 -0.34	70.19 11.66 -5.98	72.47 12.56 -3.59	70.01 12.24 -1.10	62.43 11.10 -0.17	59.82 10.79 -0.01	64.33 10.35 -7.16	58.93 9.83 -2.95	50.20 7.50 -1.95	44.86 5.79 -0.44
GOETHSLN___LBMP 323567	37.17 2.07 0.00	34.85 1.50 0.00	32.14 1.09 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.29 1.51 0.00	39.57 2.66 0.00	46.39 3.79 0.00	49.18 4.18 -2.73	56.72 4.45 -7.77	59.20 4.86 -8.50	58.30 5.26 -5.20	64.93 5.60 -10.20	67.05 6.07 -7.76	69.29 6.36 -8.57	69.26 6.20 -10.52	73.04 6.59 -10.13	65.93 6.52 -2.75	59.61 5.99 -2.47	57.34 5.64 -2.67	61.96 5.15 -9.99	52.65 5.17 -1.33	44.50 3.75 0.00	41.53 2.90 0.00



GOUDEY___7 23579	35.35 0.25 0.00	33.35 0.00 0.00	30.99 -0.06 0.00	30.80 -0.09 0.00	31.52 -0.06 0.00	32.98 0.20 0.00	37.24 0.33 0.00	43.28 0.68 0.00	43.17 0.68 -0.22	44.95 0.45 0.00	47.39 0.60 -0.95	49.79 0.72 -1.23	50.88 0.84 -0.91	54.13 0.90 0.00	55.34 0.98 0.00	54.96 0.95 -1.47	58.42 1.01 -1.09	57.94 0.91 -0.36	51.98 0.77 -0.06	49.81 0.78 0.00	49.87 0.70 -2.35	47.02 0.88 0.00	41.53 0.77 0.00	38.98 0.35 0.00
GOUDEY___8 23580	35.31 0.21 0.00	33.35 0.00 0.00	30.96 -0.09 0.00	30.80 -0.09 0.00	31.49 -0.09 0.00	32.98 0.20 0.00	37.20 0.30 0.00	43.23 0.64 0.00	43.13 0.63 -0.22	44.95 0.45 0.00	47.35 0.55 -0.95	49.74 0.67 -1.23	50.83 0.79 -0.91	54.07 0.85 0.00	55.28 0.92 0.00	54.91 0.89 -1.47	58.37 0.96 -1.09	57.88 0.85 -0.36	51.93 0.72 -0.06	49.76 0.74 0.00	49.83 0.66 -2.35	46.98 0.83 0.00	41.48 0.73 0.00	38.94 0.31 0.00
GOWANUS_GT1_1 24077	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT1_2 24078	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT1_3 24079	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT1_4 24080	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT1_5 24084	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT1_6 24111	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT1_7 24112	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT1_8 24113	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT2_1 24114	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT2_2 24115	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT2_3 24116	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT2_4 24117	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT2_5 24118	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT2_6 24119	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01



GOWANUS_GT2_7 24120	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT2_8 24121	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT3_1 24122	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT3_2 24123	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT3_3 24124	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT3_4 24125	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT3_5 24126	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT3_6 24127	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT3_7 24128	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT3_8 24129	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT4_1 24130	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT4_2 24131	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT4_3 24132	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT4_4 24133	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT4_5 24134	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT4_6 24135	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01



GOWANUS_GT4_7 24136	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GOWANUS_GT4_8 24137	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
GREENIDGE___3 23582	34.54 -0.56 0.00	32.52 -0.83 0.00	30.21 -0.84 0.00	30.02 -0.86 0.00	30.80 -0.79 0.00	32.49 -0.30 0.00	36.06 -0.85 0.00	42.04 -0.55 0.00	41.62 -0.76 -0.11	43.30 -1.20 0.00	45.31 -1.01 -0.48	47.50 -0.96 -0.62	48.81 -0.79 -0.46	52.32 -0.90 0.00	53.44 -0.92 0.00	52.28 -1.00 -0.74	55.74 -1.13 -0.54	55.67 -1.19 -0.19	49.96 -1.23 -0.03	47.95 -1.08 0.00	46.96 -1.08 -1.22	45.41 -0.74 0.00	40.55 -0.20 0.00	37.62 -1.00 0.00
GREENIDGE___4 23583	34.54 -0.56 0.00	32.52 -0.83 0.00	30.21 -0.84 0.00	30.02 -0.86 0.00	30.80 -0.79 0.00	32.49 -0.30 0.00	36.06 -0.85 0.00	42.04 -0.55 0.00	41.62 -0.76 -0.11	43.30 -1.20 0.00	45.31 -1.01 -0.48	47.50 -0.96 -0.62	48.81 -0.79 -0.46	52.32 -0.90 0.00	53.44 -0.92 0.00	52.28 -1.00 -0.74	55.74 -1.13 -0.54	55.67 -1.19 -0.19	49.96 -1.23 -0.03	47.95 -1.08 0.00	46.96 -1.08 -1.22	45.41 -0.74 0.00	40.55 -0.20 0.00	37.62 -1.00 0.00
GROVEVILLE___HYD 323602	37.10 2.00 0.00	34.82 1.47 0.00	32.20 1.15 0.00	32.00 1.11 0.00	32.69 1.11 0.00	34.29 1.51 0.00	39.46 2.55 0.00	46.04 3.45 0.00	46.58 3.64 -0.67	48.28 3.78 0.00	52.87 4.13 -2.90	56.03 4.45 -3.74	56.72 4.82 -2.77	58.44 5.22 0.00	60.01 5.65 0.00	62.54 5.52 -4.47	65.63 5.97 -3.35	63.68 5.89 -1.11	56.55 5.22 -0.18	53.98 4.95 0.00	58.65 4.54 -7.29	50.58 4.43 0.00	44.26 3.50 0.00	41.64 3.01 0.00
HAMPSHIRE___PAPER_HYD 323593	35.84 0.74 0.00	34.05 0.70 0.00	31.55 0.50 0.00	31.44 0.56 0.00	32.19 0.60 0.00	33.21 0.43 0.00	37.39 0.48 0.00	43.19 0.60 0.00	42.69 0.42 0.00	45.17 0.67 0.00	46.07 0.23 0.00	47.84 0.00 0.00	48.41 -0.39 0.33	52.79 -0.43 0.00	51.52 -0.43 2.40	51.81 -0.68 0.05	55.59 -0.73 0.00	55.88 -0.79 0.00	51.21 0.05 0.00	49.27 0.25 0.00	47.57 0.75 0.00	46.56 0.42 0.00	41.16 0.41 0.00	38.86 0.23 0.00
HARZA MOOSE___RIVER 24016	36.15 1.05 0.00	34.22 0.87 0.00	31.67 0.62 0.00	31.54 0.65 0.00	32.28 0.69 0.00	33.47 0.69 0.00	37.87 0.96 0.00	43.96 1.36 0.00	43.67 1.39 0.00	46.10 1.60 0.00	47.45 1.60 0.00	49.51 1.67 0.00	50.53 1.47 0.08	54.87 1.65 0.00	55.53 1.74 0.57	54.00 1.47 0.01	58.06 1.75 0.00	58.26 1.59 0.00	52.85 1.69 0.00	50.65 1.62 0.00	48.74 1.92 0.00	47.72 1.57 0.00	42.06 1.30 0.00	39.40 0.77 0.00
HEMPSTEAD___ 23647	37.14 2.04 0.00	34.89 1.53 0.00	31.80 0.75 0.00	31.59 0.71 0.00	32.28 0.69 0.00	33.90 1.11 0.00	39.01 2.10 0.00	46.13 3.54 0.00	47.64 4.69 -0.67	49.64 5.12 -0.03	54.33 5.50 -2.98	57.55 5.98 -3.73	58.46 6.34 -2.98	61.12 6.97 -0.93	61.98 7.28 -0.34	65.51 6.99 -5.97	67.51 7.60 -3.59	65.25 7.48 -1.10	58.08 6.75 -0.17	55.45 6.42 0.00	59.92 5.95 -7.16	54.86 5.77 -2.95	51.90 4.48 -6.66	43.64 3.63 -1.38
HICKLING___1 23621	35.91 0.81 0.00	33.72 0.37 0.00	31.27 0.22 0.00	31.04 0.15 0.00	31.87 0.28 0.00	33.77 0.98 0.00	37.68 0.78 0.00	43.96 1.36 0.00	43.51 1.10 -0.14	45.12 0.62 0.00	47.37 0.92 -0.61	49.78 1.15 -0.79	51.14 1.42 -1.42	54.71 1.49 0.00	55.94 1.58 0.00	55.06 1.58 -0.94	58.70 1.69 -0.69	58.38 1.47 -0.23	52.32 1.13 -0.04	50.21 1.18 0.00	49.39 1.03 -1.54	47.62 1.48 0.00	42.42 1.67 0.00	39.36 0.73 0.00
HICKLING___2 23622	35.91 0.81 0.00	33.72 0.37 0.00	31.27 0.22 0.00	31.04 0.15 0.00	31.87 0.28 0.00	33.77 0.98 0.00	37.68 0.78 0.00	43.96 1.36 0.00	43.51 1.10 -0.14	45.12 0.62 0.00	47.37 0.92 -0.61	49.78 1.15 -0.79	51.14 1.42 -0.58	54.71 1.49 0.00	55.94 1.58 0.00	55.06 1.58 -0.94	58.70 1.69 -0.69	58.38 1.47 -0.23	52.32 1.13 -0.04	50.21 1.18 0.00	49.39 1.03 -1.54	47.62 1.48 0.00	42.42 1.67 0.00	39.36 0.73 0.00
HIGH FALLS___HY 23754	38.12 3.02 0.00	35.79 2.43 0.00	33.07 2.02 0.00	32.90 2.01 0.00	33.64 2.05 0.00	35.37 2.59 0.00	40.64 3.73 0.00	47.41 4.81 0.00	48.05 5.11 -0.67	49.84 5.34 0.00	54.54 5.82 -2.87	57.86 6.31 -3.71	58.71 6.83 -2.75	60.57 7.34 0.00	62.68 8.32 0.00	65.49 8.51 -4.43	68.53 8.90 -3.31	66.72 8.95 -1.10	58.85 7.52 -0.17	56.19 7.16 0.00	60.63 6.60 -7.21	52.61 6.46 0.00	45.76 5.01 0.00	42.72 4.09 0.00
HILLBURN___GT 23639	37.14 2.04 0.00	34.85 1.50 0.00	32.20 1.15 0.00	32.00 1.11 0.00	32.69 1.11 0.00	34.29 1.51 0.00	39.42 2.51 0.00	46.17 3.58 0.00	46.84 3.93 -0.63	48.73 4.23 0.00	53.16 4.58 -2.73	56.39 5.02 -3.52	57.20 5.45 -2.61	59.13 5.91 0.00	60.72 6.36 0.00	62.96 6.20 -4.21	66.11 6.65 -3.15	64.29 6.57 -1.05	57.21 5.88 -0.17	54.62 5.59 0.00	58.78 5.10 -6.86	51.18 5.03 0.00	44.38 3.63 0.00	41.49 2.86 0.00
HISHELDN_WT_PWR 323625	33.42 -1.68 0.00	31.32 -2.03 0.00	29.13 -1.93 0.00	28.85 -2.04 0.00	29.57 -2.02 0.00	31.44 -1.34 0.00	34.55 -2.36 0.00	40.34 -2.26 0.00	39.33 -3.04 -0.10	40.50 -4.01 0.00	42.52 -3.76 -0.44	44.44 -3.97 -0.57	45.77 -3.78 -0.42	48.96 -4.26 0.00	50.07 -4.29 0.00	49.18 -4.05 -0.68	52.35 -4.45 -0.48	52.30 -4.53 -0.16	46.89 -4.30 -0.03	45.01 -4.02 0.00	44.04 -3.84 -1.06	43.33 -2.82 0.00	39.69 -1.06 0.00	36.58 -2.05 0.00
HOLTSVILLE_IC_1 23690	37.42 2.32 0.00	35.25 1.90 0.00	31.89 0.84 0.00	31.68 0.80 0.01	32.37 0.79 0.00	34.06 1.28 0.00	38.86 1.96 0.00	46.12 3.54 0.01	47.86 4.86 -0.73	50.08 5.43 -0.15	54.69 5.87 -2.98	57.94 6.36 -3.73	59.00 6.88 -2.98	61.77 7.61 -0.94	62.58 7.88 -0.34	66.04 7.51 -5.98	68.13 8.22 -3.59	65.81 8.05 -1.10	58.70 7.37 -0.17	56.10 7.06 -0.01	60.54 6.55 -7.16	55.38 6.28 -2.96	47.61 4.93 -1.92	42.92 3.86 -0.43
HOLTSVILLE_IC_10 23699	37.73 2.63 0.00	35.55 2.20 0.00	32.14 1.09 0.00	31.93 1.05 0.01	32.63 1.04 0.00	34.32 1.54 0.00	39.23 2.33 0.00	46.59 4.00 0.01	48.28 5.28 -0.73	50.57 5.92 -0.15	55.24 6.42 -2.98	58.51 6.94 -3.73	59.63 7.52 -2.98	62.52 8.36 -0.94	63.29 8.59 -0.34	66.78 8.25 -5.98	68.87 8.95 -3.59	66.55 8.78 -1.10	59.36 8.03 -0.17	56.74 7.70 -0.01	61.24 7.26 -7.16	56.02 6.92 -2.95	48.18 5.42 -2.01	43.33 4.25 -0.45
HOLTSVILLE_IC_2 23691	37.42 2.32 0.00	35.25 1.90 0.00	31.89 0.84 0.00	31.68 0.80 0.01	32.37 0.79 0.00	34.06 1.28 0.00	38.86 1.96 0.00	46.12 3.54 0.01	47.86 4.86 -0.73	50.08 5.43 -0.15	54.69 5.87 -2.98	57.94 6.36 -3.73	59.00 6.88 -2.98	61.77 7.61 -0.94	62.58 7.88 -0.34	66.04 7.51 -5.98	68.13 8.22 -3.59	65.81 8.05 -1.10	58.70 7.37 -0.17	56.10 7.06 -0.01	60.54 6.55 -7.16	55.38 6.28 -2.96	47.61 4.93 -1.92	42.92 3.86 -0.43



HOLTSVILLE_IC_3 23692	37.42 2.32 0.00	35.25 1.90 0.00	31.89 0.84 0.00	31.68 0.80 0.01	32.37 0.79 0.00	34.06 1.28 0.00	38.86 1.96 0.00	46.12 3.54 0.01	47.86 4.86 -0.73	50.08 5.43 -0.15	54.69 5.87 -2.98	57.94 6.36 -3.73	59.00 6.88 -2.98	61.77 7.61 -0.94	62.58 7.88 -0.34	66.04 7.51 -5.98	68.13 8.22 -3.59	65.81 8.05 -1.10	58.70 7.37 -0.17	56.10 7.06 -0.01	60.54 6.55 -7.16	55.38 6.28 -2.96	47.61 4.93 -1.92	42.92 3.86 -0.43
HOLTSVILLE_IC_4 23693	37.42 2.32 0.00	35.25 1.90 0.00	31.89 0.84 0.00	31.68 0.80 0.01	32.37 0.79 0.00	34.06 1.28 0.00	38.86 1.96 0.00	46.12 3.54 0.01	47.86 4.86 -0.73	50.08 5.43 -0.15	54.69 5.87 -2.98	57.94 6.36 -3.73	59.00 6.88 -2.98	61.77 7.61 -0.94	62.58 7.88 -0.34	66.04 7.51 -5.98	68.13 8.22 -3.59	65.81 8.05 -1.10	58.70 7.37 -0.17	56.10 7.06 -0.01	60.54 6.55 -7.16	55.38 6.28 -2.96	47.61 4.93 -1.92	42.92 3.86 -0.43
HOLTSVILLE_IC_5 23694	37.42 2.32 0.00	35.25 1.90 0.00	31.89 0.84 0.00	31.68 0.80 0.01	32.37 0.79 0.00	34.06 1.28 0.00	38.86 1.96 0.00	46.12 3.54 0.01	47.86 4.86 -0.73	50.08 5.43 -0.15	54.69 5.87 -2.98	57.94 6.36 -3.73	59.00 6.88 -2.98	61.77 7.61 -0.94	62.58 7.88 -0.34	66.04 7.51 -5.98	68.13 8.22 -3.59	65.81 8.05 -1.10	58.70 7.37 -0.17	56.10 7.06 -0.01	60.54 6.55 -7.16	55.38 6.28 -2.96	47.61 4.93 -1.92	42.92 3.86 -0.43
HOLTSVILLE_IC_6 23695	37.73 2.63 0.00	35.55 2.20 0.00	32.14 1.09 0.00	31.93 1.05 0.01	32.63 1.04 0.00	34.32 1.54 0.00	39.23 2.33 0.00	46.59 4.00 0.01	48.28 5.28 -0.73	50.57 5.92 -0.15	55.24 6.42 -2.98	58.51 6.94 -3.73	59.63 7.52 -2.98	62.52 8.36 -0.94	63.29 8.59 -0.34	66.78 8.25 -5.98	68.87 8.95 -3.59	66.55 8.78 -1.10	59.36 8.03 -0.17	56.74 7.70 -0.01	61.24 7.26 -7.16	56.02 6.92 -2.95	48.18 5.42 -2.01	43.33 4.25 -0.45
HOLTSVILLE_IC_7 23696	37.73 2.63 0.00	35.55 2.20 0.00	32.14 1.09 0.00	31.93 1.05 0.01	32.63 1.04 0.00	34.32 1.54 0.00	39.23 2.33 0.00	46.59 4.00 0.01	48.28 5.28 -0.73	50.57 5.92 -0.15	55.24 6.42 -2.98	58.51 6.94 -3.73	59.63 7.52 -2.98	62.52 8.36 -0.94	63.29 8.59 -0.34	66.78 8.25 -5.98	68.87 8.95 -3.59	66.55 8.78 -1.10	59.36 8.03 -0.17	56.74 7.70 -0.01	61.24 7.26 -7.16	56.02 6.92 -2.95	48.18 5.42 -2.01	43.33 4.25 -0.45
HOLTSVILLE_IC_8 23697	37.73 2.63 0.00	35.55 2.20 0.00	32.14 1.09 0.00	31.93 1.05 0.01	32.63 1.04 0.00	34.32 1.54 0.00	39.23 2.33 0.00	46.59 4.00 0.01	48.28 5.28 -0.73	50.57 5.92 -0.15	55.24 6.42 -2.98	58.51 6.94 -3.73	59.63 7.52 -2.98	62.52 8.36 -0.94	63.29 8.59 -0.34	66.78 8.25 -5.98	68.87 8.95 -3.59	66.55 8.78 -1.10	59.36 8.03 -0.17	56.74 7.70 -0.01	61.24 7.26 -7.16	56.02 6.92 -2.95	48.18 5.42 -2.01	43.33 4.25 -0.45
HOLTSVILLE_IC_9 23698	37.73 2.63 0.00	35.55 2.20 0.00	32.14 1.09 0.00	31.93 1.05 0.01	32.63 1.04 0.00	34.32 1.54 0.00	39.23 2.33 0.00	46.59 4.00 0.01	48.28 5.28 -0.73	50.57 5.92 -0.15	55.24 6.42 -2.98	58.51 6.94 -3.73	59.63 7.52 -2.98	62.52 8.36 -0.94	63.29 8.59 -0.34	66.78 8.25 -5.98	68.87 8.95 -3.59	66.55 8.78 -1.10	59.36 8.03 -0.17	56.74 7.70 -0.01	61.24 7.26 -7.16	56.02 6.92 -2.95	48.18 5.42 -2.01	43.33 4.25 -0.45
HQ_GEN_CEDARS 23644	34.58 -0.53 0.00	33.12 -0.23 0.00	30.90 -0.16 0.00	30.76 -0.12 0.00	31.52 -0.06 0.00	32.42 -0.36 0.00	36.24 -0.66 0.00	41.44 -1.15 0.00	40.96 -1.31 0.00	43.43 -1.07 0.00	44.29 -1.56 0.00	45.64 -2.20 0.00	46.00 -2.51 0.63	50.50 -2.71 0.01	46.97 -2.83 4.56	49.71 -2.73 0.10	53.39 -2.93 0.00	53.84 -2.83 0.00	48.86 -2.30 0.00	46.87 -2.16 0.00	44.95 -1.87 0.00	44.49 -1.66 0.00	39.37 -1.39 0.00	37.74 -0.89 0.00
HQ_GEN_CEDARS_PROXY 323590	34.58 -0.53 0.00	33.12 -0.23 0.00	30.90 -0.16 0.00	30.76 -0.12 0.00	31.52 -0.06 0.00	32.42 -0.36 0.00	36.24 -0.66 0.00	41.44 -1.15 0.00	40.96 -1.31 0.00	43.43 -1.07 0.00	44.29 -1.56 0.00	45.64 -2.20 0.00	46.00 -2.51 0.63	50.50 -2.71 0.01	46.97 -2.83 4.56	49.71 -2.73 0.10	53.39 -2.93 0.00	53.84 -2.83 0.00	48.86 -2.30 0.00	46.87 -2.16 0.00	44.95 -1.87 0.00	44.49 -1.66 0.00	39.37 -1.39 0.00	37.74 -0.89 0.00
HQ_GEN_IMPORT 323601	34.00 -0.39 0.72	34.00 -0.07 -0.72	31.08 0.03 0.00	30.92 0.03 0.00	31.62 0.03 0.00	34.00 -0.20 -1.41	37.63 -0.52 -1.24	39.00 -0.94 2.66	41.22 -1.06 0.00	43.57 -0.93 0.00	44.70 -1.15 0.00	46.55 -1.29 0.00	47.57 -1.38 0.19	51.68 -1.54 0.00	51.44 -1.58 1.34	50.99 -1.52 0.03	54.74 -1.58 0.00	55.08 -1.59 0.00	49.83 -1.33 0.00	47.75 -1.27 0.00	45.60 -1.22 0.00	44.86 -1.29 0.00	39.00 -1.02 0.73	38.74 -0.62 -0.73
HQ_GEN_WHEEL 23651	34.00 -0.39 0.72	34.00 -0.07 -0.72	31.08 0.03 0.00	30.92 0.03 0.00	31.62 0.03 0.00	34.00 -0.20 -1.41	37.63 -0.52 -1.24	39.00 -0.94 2.66	41.22 -1.06 0.00	43.57 -0.93 0.00	44.70 -1.15 0.00	46.55 -1.29 0.00	47.57 -1.38 0.19	51.68 -1.54 0.00	51.44 -1.58 1.34	50.99 -1.52 0.03	54.74 -1.58 0.00	55.08 -1.59 0.00	49.83 -1.33 0.00	47.75 -1.27 0.00	45.60 -1.22 0.00	44.86 -1.29 0.00	39.00 -1.02 0.73	38.74 -0.62 -0.73
HUDSON_AVE_GT_3 23810	37.35 2.25 0.00	35.02 1.67 0.00	32.29 1.24 0.00	32.09 1.20 0.00	32.79 1.20 0.00	34.42 1.64 0.00	39.68 2.77 0.00	46.60 4.00 0.00	49.33 4.40 -2.66	53.60 4.67 -4.43	57.05 5.09 -6.11	58.54 5.55 -5.15	63.85 5.90 -8.81	66.42 6.44 -6.76	69.05 6.74 -7.95	69.08 6.62 -9.91	73.27 7.04 -9.92	64.95 6.91 -1.37	57.64 6.29 -0.19	55.02 5.98 -0.01	59.45 5.48 -7.15	51.55 5.40 -0.01	44.74 3.99 0.00	41.76 3.13 0.00
HUDSON_AVE_GT_4 23540	37.35 2.25 0.00	35.02 1.67 0.00	32.29 1.24 0.00	32.09 1.20 0.00	32.79 1.20 0.00	34.42 1.64 0.00	39.68 2.77 0.00	46.60 4.00 0.00	49.33 4.40 -2.66	53.60 4.67 -4.43	57.05 5.09 -6.11	58.54 5.55 -5.15	63.85 5.90 -8.81	66.42 6.44 -6.76	69.05 6.74 -7.95	69.08 6.62 -9.91	73.27 7.04 -9.92	64.95 6.91 -1.37	57.64 6.29 -0.19	55.02 5.98 -0.01	59.45 5.48 -7.15	51.55 5.40 -0.01	44.74 3.99 0.00	41.76 3.13 0.00
HUDSON_AVE_GT_5 23657	37.35 2.25 0.00	35.02 1.67 0.00	32.29 1.24 0.00	32.09 1.20 0.00	32.79 1.20 0.00	34.42 1.64 0.00	39.68 2.77 0.00	46.60 4.00 0.00	49.33 4.40 -2.66	53.60 4.67 -4.43	57.05 5.09 -6.11	58.54 5.55 -5.15	63.85 5.90 -8.81	66.42 6.44 -6.76	69.05 6.74 -7.95	69.08 6.62 -9.91	73.27 7.04 -9.92	64.95 6.91 -1.37	57.64 6.29 -0.19	55.02 5.98 -0.01	59.45 5.48 -7.15	51.55 5.40 -0.01	44.74 3.99 0.00	41.76 3.13 0.00
HUDSON_AVE_10 24168	37.28 2.18 0.00	34.92 1.57 0.00	32.20 1.15 0.00	32.00 1.11 0.00	32.69 1.11 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	47.12 4.10 -0.75	49.10 4.41 -0.19	53.65 4.81 -2.99	56.84 5.26 -3.74	57.72 5.60 -2.99	59.65 6.12 -0.31	61.12 6.41 -0.35	63.43 6.25 -4.63	66.54 6.65 -3.57	64.35 6.57 -1.10	57.38 6.04 -0.19	54.77 5.74 -0.01	59.26 5.29 -7.15	51.37 5.21 -0.01	44.62 3.87 0.00	41.68 3.05 0.00
HUNTER_MOUNT___DRP 323613	37.45 2.35 0.00	35.29 1.93 0.00	32.79 1.74 0.00	32.65 1.76 0.00	33.36 1.77 0.00	34.88 2.10 0.00	39.83 2.92 0.00	45.70 3.11 0.00	46.42 3.38 -0.77	48.06 3.56 0.00	52.99 3.85 -3.30	56.17 4.07 -4.26	56.61 4.32 -3.15	57.91 4.68 0.00	59.47 5.11 0.00	62.68 5.04 -5.09	65.59 5.46 -3.81	63.54 5.61 -1.26	56.01 4.66 -0.20	53.59 4.56 0.00	59.41 4.31 -8.29	50.58 4.43 0.00	43.97 3.22 0.00	41.60 2.97 0.00



HUNTLEY___63 23557	33.38 -1.72 0.00	31.25 -2.10 0.00	29.06 -1.99 0.00	28.79 -2.10 0.00	29.50 -2.08 0.00	31.44 -1.34 0.00	34.33 -2.58 0.00	40.25 -2.34 0.00	39.02 -3.34 -0.08	40.18 -4.32 0.00	42.29 -3.94 -0.39	44.27 -4.07 -0.50	45.67 -3.83 -0.37	48.91 -4.31 0.00	49.96 -4.40 0.00	48.88 -4.26 -0.60	52.07 -4.67 -0.42	52.05 -4.76 -0.14	46.68 -4.50 -0.02	44.81 -4.22 0.00	43.67 -4.07 -0.92	43.29 -2.86 0.00	39.85 -0.90 0.00	36.50 -2.12 0.00
HUNTLEY___64 23558	33.38 -1.72 0.00	31.25 -2.10 0.00	29.06 -1.99 0.00	28.79 -2.10 0.00	29.50 -2.08 0.00	31.44 -1.34 0.00	34.33 -2.58 0.00	40.25 -2.34 0.00	39.02 -3.34 -0.08	40.18 -4.32 0.00	42.29 -3.94 -0.39	44.27 -4.07 -0.50	45.67 -3.83 -0.37	48.91 -4.31 0.00	49.96 -4.40 0.00	48.88 -4.26 -0.60	52.07 -4.67 -0.42	52.05 -4.76 -0.14	46.68 -4.50 -0.02	44.81 -4.22 0.00	43.67 -4.07 -0.92	43.29 -2.86 0.00	39.85 -0.90 0.00	36.50 -2.12 0.00
HUNTLEY___65 23559	33.38 -1.72 0.00	31.25 -2.10 0.00	29.06 -1.99 0.00	28.79 -2.10 0.00	29.50 -2.08 0.00	31.44 -1.34 0.00	34.33 -2.58 0.00	40.25 -2.34 0.00	39.02 -3.34 -0.08	40.18 -4.32 0.00	42.29 -3.94 -0.39	44.27 -4.07 -0.50	45.67 -3.83 -0.37	48.91 -4.31 0.00	49.96 -4.40 0.00	48.88 -4.26 -0.60	52.07 -4.67 -0.42	52.05 -4.76 -0.14	46.68 -4.50 -0.02	44.81 -4.22 0.00	43.67 -4.07 -0.92	43.29 -2.86 0.00	39.85 -0.90 0.00	36.50 -2.12 0.00
HUNTLEY___66 23560	33.38 -1.72 0.00	31.25 -2.10 0.00	29.06 -1.99 0.00	28.79 -2.10 0.00	29.50 -2.08 0.00	31.44 -1.34 0.00	34.33 -2.58 0.00	40.25 -2.34 0.00	39.02 -3.34 -0.08	40.18 -4.32 0.00	42.29 -3.94 -0.39	44.27 -4.07 -0.50	45.67 -3.83 -0.37	48.91 -4.31 0.00	49.96 -4.40 0.00	48.88 -4.26 -0.60	52.07 -4.67 -0.42	52.05 -4.76 -0.14	46.68 -4.50 -0.02	44.81 -4.22 0.00	43.67 -4.07 -0.92	43.29 -2.86 0.00	39.85 -0.90 0.00	36.50 -2.12 0.00
HUNTLEY___67 23561	32.93 -2.18 0.00	30.82 -2.53 0.00	28.69 -2.36 0.00	28.39 -2.50 0.00	29.09 -2.50 0.00	30.95 -1.84 0.00	33.85 -3.06 0.00	39.53 -3.07 0.00	38.34 -4.02 -0.09	39.43 -5.07 0.00	41.43 -4.81 -0.40	43.33 -5.02 -0.52	44.65 -4.86 -0.38	47.74 -5.48 0.00	48.76 -5.60 0.00	47.85 -5.31 -0.62	51.00 -5.74 -0.43	50.98 -5.84 -0.15	45.71 -5.47 -0.02	43.88 -5.15 0.00	42.90 -4.87 -0.95	42.46 -3.69 0.00	39.12 -1.63 0.00	36.00 -2.63 0.00
HUNTLEY___68 23562	32.93 -2.18 0.00	30.82 -2.53 0.00	28.69 -2.36 0.00	28.39 -2.50 0.00	29.09 -2.50 0.00	30.95 -1.84 0.00	33.85 -3.06 0.00	39.53 -3.07 0.00	38.34 -4.02 -0.09	39.43 -5.07 0.00	41.43 -4.81 -0.40	43.33 -5.02 -0.52	44.65 -4.86 -0.38	47.74 -5.48 0.00	48.76 -5.60 0.00	47.85 -5.31 -0.62	51.00 -5.74 -0.43	50.98 -5.84 -0.15	45.71 -5.47 -0.02	43.88 -5.15 0.00	42.90 -4.87 -0.95	42.46 -3.69 0.00	39.12 -1.63 0.00	36.00 -2.63 0.00
HYLAND___LFGE 323620	35.00 -0.11 0.00	32.75 -0.60 0.00	30.43 -0.62 0.00	30.21 -0.68 0.00	31.02 -0.57 0.00	32.91 0.13 0.00	36.65 -0.26 0.00	42.98 0.38 0.00	42.41 0.04 -0.10	44.06 -0.45 0.00	46.13 -0.14 -0.42	44.85 -3.54 -0.55	45.76 -3.78 -0.41	49.12 -4.10 0.00	50.07 -4.29 0.00	49.15 -4.05 -0.65	52.29 -4.51 -0.48	52.36 -4.48 -0.16	46.89 -4.30 -0.03	44.96 -4.07 0.00	44.00 -3.89 -1.06	43.24 -2.91 0.00	41.89 1.14 0.00	38.55 -0.08 0.00
INDECK___CORINTH 23802	36.68 1.58 0.00	34.55 1.20 0.00	32.08 1.02 0.00	32.00 1.11 0.00	32.63 1.04 0.00	34.13 1.34 0.00	38.83 1.92 0.00	45.36 2.77 0.00	46.42 3.30 -0.85	48.28 3.78 0.00	53.63 4.13 -3.66	56.44 3.88 -4.73	56.44 3.78 -3.52	56.26 3.03 0.00	57.73 3.21 -0.16	61.25 3.05 -5.65	64.15 3.60 -4.22	61.76 3.68 -1.40	55.22 3.84 -0.22	52.95 3.92 0.00	60.05 4.03 -9.20	50.39 4.25 0.00	43.28 2.53 0.00	41.14 2.51 0.00
INDECK___ILION 23567	36.58 1.47 0.00	34.65 1.30 0.00	32.17 1.12 0.00	32.00 1.11 0.00	32.72 1.14 0.00	34.00 1.21 0.00	38.39 1.48 0.00	44.47 1.87 0.00	44.16 1.90 0.02	46.55 2.05 0.00	47.88 2.11 0.08	50.04 2.30 0.10	51.40 2.31 0.05	55.83 2.61 0.00	57.34 2.77 -0.21	55.06 2.63 0.12	59.10 2.87 0.09	59.25 2.61 0.03	53.51 2.35 0.00	51.23 2.21 0.00	48.83 2.20 0.19	48.22 2.08 0.00	42.54 1.79 0.00	40.14 1.51 0.00
INDECK___OLEAN 23982	34.43 -0.67 0.00	32.18 -1.17 0.00	29.81 -1.24 0.00	29.59 -1.30 0.00	30.42 -1.17 0.00	32.68 -0.10 0.00	36.61 -0.30 0.00	41.53 -1.06 0.00	40.26 -2.11 -0.10	41.74 -2.76 0.00	43.68 -2.61 -0.45	45.64 -2.77 -0.58	47.01 -2.56 -0.43	49.98 -3.25 0.00	51.15 -3.21 0.00	50.19 -3.05 -0.69	53.48 -3.32 -0.49	53.21 -3.63 -0.16	47.76 -3.43 -0.03	45.84 -3.19 0.00	44.76 -3.14 -1.08	43.84 -2.31 0.00	41.81 1.06 0.00	38.05 -0.58 0.00
INDECK___OSWEGO 23783	34.40 -0.70 0.00	32.55 -0.80 0.00	30.27 -0.78 0.00	30.12 -0.77 0.00	30.80 -0.79 0.00	32.13 -0.66 0.00	36.17 -0.74 0.00	41.91 -0.68 0.00	41.64 -0.68 -0.05	43.57 -0.93 0.00	45.12 -0.92 -0.20	47.18 -0.91 -0.25	48.44 -0.88 -0.19	52.26 -0.96 0.00	53.33 -1.03 0.00	51.85 -1.00 -0.30	55.41 -1.13 -0.22	55.56 -1.19 -0.08	50.09 -1.07 -0.01	48.00 -1.03 0.00	46.38 -0.94 -0.49	45.27 -0.88 0.00	40.26 -0.49 0.00	37.89 -0.73 0.00
INDECK___YERKES 23781	33.38 -1.72 0.00	31.25 -2.10 0.00	29.06 -1.99 0.00	28.79 -2.10 0.00	29.50 -2.08 0.00	31.44 -1.34 0.00	34.33 -2.58 0.00	40.25 -2.34 0.00	39.02 -3.34 -0.08	40.18 -4.32 0.00	42.29 -3.94 -0.39	44.27 -4.07 -0.50	45.67 -3.83 -0.37	48.91 -4.31 0.00	49.96 -4.40 0.00	48.88 -4.26 -0.60	52.07 -4.67 -0.42	52.05 -4.76 -0.14	46.68 -4.50 -0.02	44.81 -4.22 0.00	43.67 -4.07 -0.92	43.29 -2.86 0.00	39.85 -0.90 0.00	36.50 -2.12 0.00
INDIAN POINT_GT_1 24139	36.89 1.79 0.00	34.65 1.30 0.00	32.01 0.96 0.00	31.81 0.93 0.00	32.50 0.92 0.00	34.06 1.28 0.00	39.20 2.29 0.00	45.92 3.32 0.00	46.67 3.68 -0.72	48.55 3.92 -0.14	53.08 4.31 -2.93	56.22 4.69 -3.69	57.09 5.06 -2.89	58.97 5.54 -0.21	60.42 5.82 -0.25	62.80 5.73 -4.53	65.86 6.08 -3.47	63.77 6.01 -1.09	56.80 5.47 -0.17	54.18 5.15 0.00	58.64 4.73 -7.10	50.76 4.61 0.00	44.09 3.34 0.00	41.22 2.59 0.00
INDIAN POINT_GT_2 23659	36.89 1.79 0.00	34.65 1.30 0.00	32.01 0.96 0.00	31.81 0.93 0.00	32.50 0.92 0.00	34.06 1.28 0.00	39.20 2.29 0.00	45.92 3.32 0.00	46.67 3.68 -0.72	48.55 3.92 -0.14	53.08 4.31 -2.93	56.22 4.69 -3.69	57.09 5.06 -2.89	58.97 5.54 -0.21	60.42 5.82 -0.25	62.80 5.73 -4.53	65.86 6.08 -3.47	63.77 6.01 -1.09	56.80 5.47 -0.17	54.18 5.15 0.00	58.64 4.73 -7.10	50.76 4.61 0.00	44.09 3.34 0.00	41.22 2.59 0.00
INDIAN POINT_GT_3 24019	36.89 1.79 0.00	34.65 1.30 0.00	32.01 0.96 0.00	31.81 0.93 0.00	32.50 0.92 0.00	34.06 1.28 0.00	39.20 2.29 0.00	45.92 3.32 0.00	46.67 3.68 -0.72	48.55 3.92 -0.14	53.08 4.31 -2.93	56.22 4.69 -3.69	57.09 5.06 -2.89	58.97 5.54 -0.21	60.42 5.82 -0.25	62.80 5.73 -4.53	65.86 6.08 -3.47	63.77 6.01 -1.09	56.80 5.47 -0.17	54.18 5.15 0.00	58.64 4.73 -7.10	50.76 4.61 0.00	44.09 3.34 0.00	41.22 2.59 0.00
INDIAN POINT___2 23530	36.86 1.76 0.00	34.59 1.23 0.00	31.95 0.90 0.00	31.75 0.86 0.00	32.44 0.85 0.00	34.03 1.25 0.00	39.12 2.21 0.00	45.83 3.24 0.00	46.58 3.59 -0.71	48.47 3.83 -0.14	52.91 4.17 -2.90	56.09 4.59 -3.65	56.96 4.96 -2.86	58.81 5.38 -0.21	60.32 5.71 -0.25	62.65 5.62 -4.49	65.72 5.97 -3.43	63.64 5.89 -1.08	56.65 5.32 -0.17	54.08 5.05 0.00	58.47 4.64 -7.02	50.67 4.52 0.00	44.01 3.26 0.00	41.14 2.51 0.00



INDIAN POINT___3 23531	36.82 1.72 0.00	34.55 1.20 0.00	31.92 0.87 0.00	31.75 0.86 0.00	32.41 0.82 0.00	34.00 1.21 0.00	39.09 2.18 0.00	45.79 3.19 0.00	46.54 3.55 -0.72	48.41 3.78 -0.13	52.89 4.13 -2.92	56.08 4.54 -3.69	56.88 4.86 -2.88	58.74 5.32 -0.20	60.25 5.65 -0.23	62.58 5.52 -4.52	65.63 5.86 -3.45	63.54 5.78 -1.09	56.55 5.22 -0.17	53.98 4.95 0.00	58.46 4.54 -7.10	50.62 4.48 0.00	43.93 3.18 0.00	41.10 2.47 0.00
IP CORINTH___1 23988	36.89 1.79 0.00	34.72 1.37 0.00	32.26 1.21 0.00	32.15 1.27 0.00	32.79 1.20 0.00	34.32 1.54 0.00	39.09 2.18 0.00	45.66 3.07 0.00	46.72 3.59 -0.85	48.55 4.05 0.00	53.95 4.45 -3.66	56.73 4.16 -4.73	56.69 4.03 -3.52	56.47 3.25 0.00	57.89 3.37 -0.16	61.40 3.21 -5.65	64.32 3.77 -4.22	62.04 3.97 -1.40	55.47 4.09 -0.22	53.29 4.27 0.00	60.38 4.35 -9.20	50.72 4.57 0.00	43.56 2.81 0.00	41.37 2.74 0.00
IP___TICONDEROGA 23804	37.77 2.67 0.00	35.55 2.20 0.00	32.98 1.93 0.00	32.86 1.98 0.00	33.48 1.90 0.00	35.08 2.29 0.00	40.23 3.32 0.00	47.28 4.69 0.00	48.38 5.28 -0.83	50.24 5.74 0.00	55.59 6.19 -3.56	58.46 6.03 -4.59	58.36 5.80 -3.42	59.18 5.96 0.00	60.37 5.87 -0.14	63.61 5.57 -5.49	66.45 6.03 -4.11	64.15 6.12 -1.36	57.10 5.73 -0.22	54.77 5.74 0.00	61.61 5.85 -8.94	51.96 5.81 0.00	44.66 3.91 0.00	42.49 3.86 0.00
JARVIS_____ 23743	35.38 0.28 0.00	33.55 0.20 0.00	31.21 0.16 0.00	31.04 0.15 0.00	31.74 0.16 0.00	32.98 0.20 0.00	37.20 0.30 0.00	43.02 0.43 0.00	42.76 0.51 0.02	44.99 0.49 0.00	46.32 0.55 0.08	48.36 0.62 0.10	49.68 0.59 0.05	53.91 0.69 0.00	55.22 0.65 -0.21	53.06 0.63 0.12	56.96 0.73 0.09	57.32 0.68 0.03	51.77 0.61 0.00	49.62 0.59 0.00	47.19 0.56 0.19	46.70 0.55 0.00	41.16 0.41 0.00	38.94 0.31 0.00
JENNISON___1 23625	36.79 1.68 0.00	34.72 1.37 0.00	32.04 0.99 0.00	31.88 0.99 0.00	32.63 1.04 0.00	34.00 1.21 0.00	38.53 1.62 0.00	45.15 2.56 0.00	46.59 4.06 -0.26	49.26 4.76 0.00	51.99 5.04 -1.11	54.72 5.45 -1.43	55.55 5.36 -1.06	59.08 5.85 0.00	60.18 5.82 0.00	59.77 5.52 -1.71	63.67 6.08 -1.27	60.85 3.80 -0.38	54.70 3.48 -0.06	52.31 3.28 0.00	52.72 3.42 -2.49	49.10 2.95 0.00	43.11 2.36 0.00	40.14 1.51 0.00
JENNISON___2 23626	36.75 1.65 0.00	34.69 1.33 0.00	32.01 0.96 0.00	31.85 0.96 0.00	32.60 1.01 0.00	33.96 1.18 0.00	38.50 1.59 0.00	45.06 2.47 0.00	46.50 3.97 -0.26	49.17 4.67 0.00	51.90 4.95 -1.11	54.63 5.36 -1.43	55.45 5.26 -1.06	58.97 5.75 0.00	60.07 5.71 0.00	59.66 5.41 -1.71	63.56 5.97 -1.27	60.73 3.68 -0.38	54.59 3.38 -0.06	52.22 3.19 0.00	52.63 3.32 -2.49	49.01 2.86 0.00	43.07 2.32 0.00	40.10 1.47 0.00
KEDC PORT_JEFF_GT2 24210	37.52 2.42 0.00	35.35 2.00 0.00	31.95 0.90 0.00	31.75 0.86 0.01	32.44 0.85 0.00	34.13 1.34 0.00	39.01 2.10 0.00	46.34 3.75 0.01	47.90 4.90 -0.73	50.17 5.52 -0.15	54.83 6.01 -2.98	58.08 6.51 -3.73	59.14 7.03 -2.98	61.72 7.56 -0.94	62.47 7.77 -0.34	65.99 7.46 -5.98	68.02 8.11 -3.59	65.76 7.99 -1.10	58.95 7.62 -0.17	56.29 7.26 -0.01	60.86 6.88 -7.16	55.66 6.55 -2.95	47.90 5.18 -1.97	43.09 4.02 -0.44
KEDC PORT_JEFF_GT3 24211	37.52 2.42 0.00	35.35 2.00 0.00	31.95 0.90 0.00	31.75 0.86 0.01	32.44 0.85 0.00	34.13 1.34 0.00	39.01 2.10 0.00	46.34 3.75 0.01	47.90 4.90 -0.73	50.17 5.52 -0.15	54.83 6.01 -2.98	58.08 6.51 -3.73	59.14 7.03 -2.98	61.72 7.56 -0.94	62.47 7.77 -0.34	65.99 7.46 -5.98	68.02 8.11 -3.59	65.76 7.99 -1.10	58.95 7.62 -0.17	56.29 7.26 -0.01	60.86 6.88 -7.16	55.66 6.55 -2.95	47.90 5.18 -1.97	43.09 4.02 -0.44
KEDC_GLWD_GT4 24219	37.28 2.18 0.00	34.99 1.63 0.00	32.07 1.02 0.00	31.87 0.99 0.00	32.57 0.98 0.00	34.16 1.38 0.00	39.34 2.44 0.00	46.39 3.79 0.00	47.46 4.57 -0.62	49.41 4.98 0.08	54.24 5.41 -2.98	57.46 5.88 -3.73	58.41 6.29 -2.98	60.80 6.65 -0.93	61.60 6.90 -0.34	65.24 6.73 -5.97	67.11 7.21 -3.59	64.85 7.08 -1.10	57.98 6.65 -0.17	55.35 6.32 0.00	59.83 5.85 -7.15	54.77 5.68 -2.95	52.24 4.32 -7.17	43.30 3.48 -1.20
KEDC_GLWD_GT5 24220	37.28 2.18 0.00	34.99 1.63 0.00	32.07 1.02 0.00	31.87 0.99 0.00	32.57 0.98 0.00	34.16 1.38 0.00	39.34 2.44 0.00	46.39 3.79 0.00	47.46 4.57 -0.62	49.41 4.98 0.08	54.24 5.41 -2.98	57.46 5.88 -3.73	58.41 6.29 -2.98	60.80 6.65 -0.93	61.60 6.90 -0.34	65.24 6.73 -5.97	67.11 7.21 -3.59	64.85 7.08 -1.10	57.98 6.65 -0.17	55.35 6.32 0.00	59.83 5.85 -7.15	54.77 5.68 -2.95	52.24 4.32 -7.17	43.30 3.48 -1.20
KENSICO____ 23655	37.07 1.97 0.00	34.79 1.43 0.00	32.14 1.09 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.22 1.44 0.00	39.35 2.44 0.00	46.13 3.54 0.00	46.90 3.89 -0.74	48.85 4.18 -0.17	53.35 4.54 -2.97	56.54 4.98 -3.73	57.39 5.31 -2.95	59.28 5.80 -0.26	60.75 6.09 -0.30	63.13 5.99 -4.59	66.21 6.36 -3.53	64.06 6.29 -1.10	57.01 5.68 -0.17	54.42 5.39 0.00	58.92 4.96 -7.14	50.99 4.85 0.00	44.30 3.55 0.00	41.41 2.78 0.00
KIAC_JFK_GT1 23816	37.28 2.18 0.00	34.85 1.50 0.00	32.14 1.09 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.32 1.54 0.00	39.64 2.73 0.00	46.30 3.71 0.00	46.70 3.68 -0.75	48.61 3.92 -0.19	53.14 4.31 -2.99	56.32 4.74 -3.74	57.18 5.06 -2.99	59.07 5.54 -0.31	60.52 5.82 -0.35	62.85 5.67 -4.63	65.92 6.03 -3.57	63.72 5.95 -1.10	56.92 5.58 -0.19	54.43 5.39 -0.01	59.12 5.15 -7.15	51.14 4.98 -0.01	44.50 3.75 0.00	41.68 3.05 0.00
KIAC_JFK_GT2 23817	37.28 2.18 0.00	34.85 1.50 0.00	32.14 1.09 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.32 1.54 0.00	39.64 2.73 0.00	46.30 3.71 0.00	46.70 3.68 -0.75	48.61 3.92 -0.19	53.14 4.31 -2.99	56.32 4.74 -3.74	57.18 5.06 -2.99	59.07 5.54 -0.31	60.52 5.82 -0.35	62.85 5.67 -4.63	65.92 6.03 -3.57	63.72 5.95 -1.10	56.92 5.58 -0.19	54.43 5.39 -0.01	59.12 5.15 -7.15	51.14 4.98 -0.01	44.50 3.75 0.00	41.68 3.05 0.00
KINTIGH____ 23543	32.61 -2.49 0.00	30.68 -2.67 0.00	28.75 -2.30 0.00	28.48 -2.41 0.00	29.12 -2.46 0.00	30.75 -2.03 0.00	33.62 -3.28 0.00	39.19 -3.41 0.00	38.25 -4.10 -0.07	40.23 -4.27 0.00	41.99 -4.13 -0.28	43.89 -4.31 -0.36	45.22 -4.18 -0.26	48.65 -4.58 0.00	49.69 -4.67 0.00	48.45 -4.52 -0.43	51.05 -5.63 -0.36	51.13 -5.67 -0.12	45.86 -5.32 -0.02	43.98 -5.05 0.00	42.80 -4.82 -0.80	42.32 -3.83 0.00	38.63 -2.12 0.00	35.73 -2.90 0.00
LEDERLE____ 23769	37.28 2.18 0.00	34.99 1.63 0.00	32.32 1.27 0.00	32.12 1.24 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.57 2.66 0.00	46.34 3.75 0.00	47.01 4.10 -0.64	48.91 4.41 0.00	53.37 4.77 -2.76	56.62 5.21 -3.56	57.42 5.65 -2.64	59.34 6.12 0.00	60.94 6.58 0.00	63.26 6.46 -4.26	66.43 6.93 -3.18	64.53 6.80 -1.06	57.41 6.09 -0.17	54.77 5.74 0.00	59.04 5.29 -6.93	51.36 5.21 0.00	44.54 3.79 0.00	41.64 3.01 0.00
LINDEN COGEN____ 23786	37.14 2.04 0.00	34.82 1.47 0.00	32.11 1.06 0.00	31.91 1.02 0.00	32.60 1.01 0.00	34.29 1.51 0.00	39.53 2.62 0.00	46.38 3.79 0.00	49.05 4.18 -2.59	50.00 4.41 -1.09	54.39 4.81 -3.73	58.15 5.21 -5.10	62.12 5.55 -7.43	65.00 6.01 -5.76	68.00 6.31 -7.33	68.00 6.15 -9.31	72.55 6.53 -9.70	63.12 6.46 0.01	55.00 5.93 2.09	51.96 5.59 2.66	56.23 5.10 -4.31	50.00 5.17 1.32	44.46 3.71 0.00	41.49 2.86 0.00



LIPA_MISC_IPP 23656	37.38 2.28 0.00	35.28 1.93 0.00	31.89 0.84 0.00	31.68 0.80 0.01	32.37 0.79 0.00	34.06 1.28 0.00	38.64 1.73 0.00	45.91 3.32 0.01	47.61 4.61 -0.73	49.90 5.25 -0.15	54.56 5.73 -2.98	57.79 6.22 -3.73	58.85 6.73 -2.98	61.72 7.56 -0.94	62.47 7.77 -0.34	65.99 7.46 -5.98	68.02 8.11 -3.59	65.70 7.93 -1.10	58.59 7.26 -0.17	56.00 6.96 -0.01	60.54 6.55 -7.16	55.33 6.23 -2.96	47.50 4.81 -1.94	42.73 3.67 -0.43
LITTLE FALLS___HYD 24013	37.94 2.84 0.00	35.92 2.57 0.00	33.38 2.33 0.00	33.20 2.32 0.00	33.96 2.37 0.00	35.31 2.52 0.00	39.83 2.92 0.00	46.13 3.54 0.00	45.80 3.55 0.02	48.24 3.74 0.00	49.57 3.81 0.08	51.76 4.02 0.10	53.17 4.08 0.05	57.69 4.47 0.00	59.35 4.78 -0.21	57.05 4.62 0.12	61.19 4.96 0.09	61.40 4.76 0.03	55.45 4.30 0.00	53.15 4.12 0.00	50.61 3.98 0.19	50.02 3.88 0.00	44.13 3.38 0.00	41.64 3.01 0.00
LI_NEWBRDGE___DRP 323616	36.96 1.86 0.00	34.75 1.40 0.00	31.58 0.53 0.00	31.37 0.49 0.01	32.06 0.47 0.00	33.67 0.89 0.00	38.75 1.85 0.00	45.87 3.28 0.01	47.62 4.61 -0.74	49.71 5.03 -0.18	54.14 5.32 -2.98	57.36 5.79 -3.73	58.26 6.14 -2.98	60.96 6.81 -0.93	61.82 7.12 -0.34	65.29 6.78 -5.97	67.28 7.38 -3.58	65.08 7.31 -1.09	57.88 6.55 -0.17	55.25 6.23 0.00	59.73 5.76 -7.15	54.58 5.49 -2.94	45.47 4.36 -0.36	42.30 3.59 -0.07
LONG_LAKE_PHOENIX 24014	34.50 -0.60 0.00	32.65 -0.70 0.00	30.37 -0.68 0.00	30.21 -0.68 0.00	30.89 -0.69 0.00	32.23 -0.56 0.00	36.36 -0.55 0.00	42.17 -0.43 0.00	41.85 -0.46 -0.05	43.74 -0.76 0.00	45.31 -0.73 -0.20	47.38 -0.72 -0.26	48.64 -0.69 -0.19	52.53 -0.69 0.00	53.54 -0.82 0.00	52.12 -0.74 -0.31	55.65 -0.90 -0.23	55.84 -0.91 -0.08	50.30 -0.87 -0.01	48.24 -0.78 0.00	46.63 -0.70 -0.51	45.50 -0.65 0.00	40.43 -0.33 0.00	38.01 -0.62 0.00
LOVETT___3 23632	36.68 1.58 0.00	34.45 1.10 0.00	31.83 0.78 0.00	31.63 0.74 0.00	32.31 0.73 0.00	33.86 1.08 0.00	38.94 2.03 0.00	45.62 3.02 0.00	46.35 3.38 -0.69	48.22 3.60 -0.11	52.64 3.94 -2.85	55.81 4.35 -3.61	56.60 4.67 -2.80	58.50 5.11 -0.17	59.94 5.38 -0.20	62.26 5.31 -4.41	65.31 5.63 -3.36	63.29 5.55 -1.07	56.34 5.01 -0.17	53.78 4.76 0.00	58.13 4.35 -6.96	50.44 4.29 0.00	43.77 3.02 0.00	40.95 2.32 0.00
LOVETT___4 23642	36.93 1.83 0.00	34.65 1.30 0.00	32.01 0.96 0.00	31.81 0.93 0.00	32.50 0.92 0.00	34.09 1.31 0.00	39.20 2.29 0.00	45.92 3.32 0.00	46.64 3.68 -0.69	48.53 3.92 -0.11	52.96 4.26 -2.85	56.14 4.69 -3.61	57.00 5.06 -2.80	58.87 5.48 -0.17	60.43 5.87 -0.20	62.68 5.73 -4.41	65.82 6.14 -3.36	63.75 6.01 -1.07	56.75 5.42 -0.17	54.18 5.15 0.00	58.51 4.73 -6.96	50.81 4.66 0.00	44.09 3.34 0.00	41.22 2.59 0.00
LOVETT___5 23593	36.93 1.83 0.00	34.65 1.30 0.00	32.01 0.96 0.00	31.81 0.93 0.00	32.50 0.92 0.00	34.09 1.31 0.00	39.20 2.29 0.00	45.92 3.32 0.00	46.64 3.68 -0.69	48.53 3.92 -0.11	52.96 4.26 -2.85	56.14 4.69 -3.61	57.00 5.06 -2.80	58.87 5.48 -0.17	60.43 5.87 -0.20	62.68 5.73 -4.41	65.82 6.14 -3.36	63.75 6.01 -1.07	56.75 5.42 -0.17	54.18 5.15 0.00	58.51 4.73 -6.96	50.81 4.66 0.00	44.09 3.34 0.00	41.22 2.59 0.00
LOWER RAQUET___HYD 24057	34.96 -0.14 0.00	33.42 0.07 0.00	31.11 0.06 0.00	30.98 0.09 0.00	31.74 0.16 0.00	32.62 -0.16 0.00	36.54 -0.37 0.00	41.91 -0.68 0.00	41.30 -0.97 0.00	43.70 -0.80 0.00	44.29 -1.56 0.00	45.74 -2.10 0.00	46.09 -2.56 0.49	50.45 -2.77 0.01	47.98 -2.83 3.55	49.63 -2.84 0.08	52.94 -3.38 0.00	53.33 -3.34 0.00	49.16 -2.00 0.00	47.41 -1.62 0.00	45.69 -1.12 0.00	44.86 -1.29 0.00	39.81 -0.94 0.00	38.05 -0.58 0.00
LOWER___HUDSON 24059	37.14 2.04 0.00	34.95 1.60 0.00	32.48 1.43 0.00	32.34 1.45 0.00	33.01 1.42 0.00	34.49 1.70 0.00	39.31 2.40 0.00	45.53 2.94 0.00	46.37 3.25 -0.84	48.02 3.52 0.00	53.30 3.85 -3.61	56.37 3.88 -4.66	56.54 3.93 -3.47	57.43 4.20 0.00	58.74 4.24 -0.14	62.21 4.10 -5.57	64.87 4.39 -4.16	62.47 4.42 -1.38	55.42 4.04 -0.22	53.00 3.97 0.00	59.77 3.89 -9.07	50.21 4.06 0.00	43.52 2.77 0.00	41.26 2.63 0.00
LWR___OSWEGATCHIE_HYD 23850	35.84 0.74 0.00	34.05 0.70 0.00	31.55 0.50 0.00	31.44 0.56 0.00	32.19 0.60 0.00	33.21 0.43 0.00	37.39 0.48 0.00	43.19 0.60 0.00	42.69 0.42 0.00	45.17 0.67 0.00	46.07 0.23 0.00	47.84 0.00 0.00	48.41 -0.39 0.33	52.79 -0.43 0.00	51.52 -0.43 2.40	51.81 -0.68 0.05	55.59 -0.73 0.00	55.88 -0.79 0.00	51.21 0.05 0.00	49.27 0.25 0.00	47.57 0.75 0.00	46.56 0.42 0.00	41.16 0.41 0.00	38.86 0.23 0.00
LYONS_FALL_HYD 23570	36.15 1.05 0.00	34.22 0.87 0.00	31.67 0.62 0.00	31.54 0.65 0.00	32.28 0.69 0.00	33.47 0.69 0.00	37.87 0.96 0.00	43.96 1.36 0.00	43.67 1.39 0.00	46.10 1.60 0.00	47.45 1.60 0.00	49.51 1.67 0.00	50.53 1.47 0.08	54.87 1.65 0.00	55.53 1.74 0.57	54.00 1.47 0.01	58.06 1.75 0.00	58.26 1.59 0.00	52.85 1.69 0.00	50.65 1.62 0.00	48.74 1.92 0.00	47.72 1.57 0.00	42.06 1.30 0.00	39.40 0.77 0.00
MADISON___COUNTY_LFGE 323628	35.98 0.88 0.00	34.02 0.67 0.00	31.52 0.47 0.00	31.38 0.49 0.00	32.12 0.54 0.00	33.41 0.62 0.00	37.76 0.85 0.00	44.00 1.41 0.00	43.79 1.52 0.00	46.15 1.65 0.00	47.63 1.79 0.00	49.80 1.96 0.00	51.05 1.92 0.00	55.35 2.13 0.00	56.37 2.01 0.00	54.38 1.84 0.00	58.34 2.03 0.00	58.60 1.93 0.00	52.95 1.79 0.00	50.70 1.67 0.00	48.64 1.83 0.00	47.67 1.52 0.00	42.06 1.30 0.00	39.40 0.77 0.00
MAPLE RIDGE_WT_1 323574	35.00 -0.11 0.00	33.28 -0.07 0.00	30.99 -0.06 0.00	30.83 -0.06 0.00	31.56 -0.03 0.00	32.68 -0.10 0.00	36.76 -0.15 0.00	42.55 -0.04 0.00	42.19 -0.04 0.04	44.50 0.00 0.00	45.62 -0.05 0.18	47.56 -0.05 0.23	49.21 -0.05 -0.12	53.12 -0.11 0.00	56.40 -0.11 -2.15	52.21 -0.11 0.23	55.74 -0.39 0.18	56.21 -0.40 0.06	50.79 -0.36 0.01	48.64 -0.39 0.00	46.05 -0.37 0.40	45.69 -0.46 0.00	40.34 -0.41 0.00	38.28 -0.35 0.00
MAPLE RIDGE_WT_2 323611	35.00 -0.11 0.00	33.28 -0.07 0.00	30.99 -0.06 0.00	30.83 -0.06 0.00	31.56 -0.03 0.00	32.68 -0.10 0.00	36.76 -0.15 0.00	42.55 -0.04 0.00	42.19 -0.04 0.04	44.50 0.00 0.00	45.62 -0.05 0.18	47.56 -0.05 0.23	49.21 -0.05 -0.12	53.12 -0.11 0.00	56.40 -0.11 -2.15	52.21 -0.11 0.23	55.74 -0.39 0.18	56.21 -0.40 0.06	50.79 -0.36 0.01	48.64 -0.39 0.00	46.05 -0.37 0.40	45.69 -0.46 0.00	40.34 -0.41 0.00	38.28 -0.35 0.00
MG INDUSTRY___DRP 24185	36.22 1.12 0.00	34.18 0.83 0.00	31.77 0.71 0.00	31.60 0.71 0.00	32.28 0.69 0.00	33.63 0.85 0.00	38.13 1.22 0.00	44.08 1.49 0.00	44.84 1.73 -0.83	46.28 1.78 0.00	51.43 2.02 -3.57	54.60 2.15 -4.61	54.81 2.26 -3.41	55.72 2.50 0.00	56.92 2.55 0.00	60.52 2.47 -5.51	63.08 2.65 -4.12	60.70 2.66 -1.37	53.78 2.40 -0.22	51.33 2.30 0.00	57.95 2.15 -8.97	48.41 2.26 0.00	42.30 1.55 0.00	39.98 1.35 0.00
MID___OSWEGATCHIE_HYD 23849	35.84 0.74 0.00	34.05 0.70 0.00	31.55 0.50 0.00	31.44 0.56 0.00	32.19 0.60 0.00	33.21 0.43 0.00	37.39 0.48 0.00	43.19 0.60 0.00	42.69 0.42 0.00	45.17 0.67 0.00	46.07 0.23 0.00	47.84 0.00 0.00	48.41 -0.39 0.33	52.79 -0.43 0.00	51.52 -0.43 2.40	51.81 -0.68 0.05	55.59 -0.73 0.00	55.88 -0.79 0.00	51.21 0.05 0.00	49.27 0.25 0.00	47.57 0.75 0.00	46.56 0.42 0.00	41.16 0.41 0.00	38.86 0.23 0.00



MID___RAQUETTE_HYD 23851	34.96 -0.14 0.00	33.42 0.07 0.00	31.11 0.06 0.00	30.98 0.09 0.00	31.74 0.16 0.00	32.62 -0.16 0.00	36.54 -0.37 0.00	41.91 -0.68 0.00	41.30 -0.97 0.00	43.70 -0.80 0.00	44.29 -1.56 0.00	45.74 -2.10 0.00	46.09 -2.56 0.49	50.45 -2.77 0.01	47.98 -2.83 3.55	49.63 -2.84 0.08	52.94 -3.38 0.00	53.33 -3.34 0.00	49.16 -2.00 0.00	47.41 -1.62 0.00	45.69 -1.12 0.00	44.86 -1.29 0.00	39.81 -0.94 0.00	38.05 -0.58 0.00
MILLIKEN___1 23584	33.49 -1.61 0.00	32.12 -1.23 0.00	29.96 -1.09 0.00	29.81 -1.08 0.00	30.48 -1.11 0.00	31.73 -1.05 0.00	34.95 -1.96 0.00	40.72 -1.87 0.00	40.35 -2.03 -0.11	42.19 -2.31 0.00	44.12 -2.20 -0.48	46.21 -2.25 -0.62	47.38 -2.21 -0.46	50.88 -2.34 0.00	51.91 -2.45 0.00	50.87 -2.42 -0.74	54.22 -2.65 -0.55	54.49 -2.38 -0.20	48.99 -2.20 -0.03	46.92 -2.11 0.00	46.16 -1.97 -1.31	44.16 -1.98 0.00	39.04 -1.71 0.00	36.54 -2.09 0.00
MILLIKEN___2 23585	33.49 -1.61 0.00	32.12 -1.23 0.00	29.96 -1.09 0.00	29.81 -1.08 0.00	30.48 -1.11 0.00	31.73 -1.05 0.00	34.95 -1.96 0.00	40.72 -1.87 0.00	40.35 -2.03 -0.11	42.19 -2.31 0.00	44.12 -2.20 -0.48	46.21 -2.25 -0.62	47.38 -2.21 -0.46	50.88 -2.34 0.00	51.91 -2.45 0.00	50.87 -2.42 -0.74	54.22 -2.65 -0.55	54.49 -2.38 -0.20	48.99 -2.20 -0.03	46.92 -2.11 0.00	46.16 -1.97 -1.31	44.16 -1.98 0.00	39.04 -1.71 0.00	36.54 -2.09 0.00
MILLIKEN___DIESEL 23629	33.49 -1.61 0.00	32.12 -1.23 0.00	29.96 -1.09 0.00	29.81 -1.08 0.00	30.48 -1.11 0.00	31.73 -1.05 0.00	34.95 -1.96 0.00	40.72 -1.87 0.00	40.35 -2.03 -0.11	42.19 -2.31 0.00	44.12 -2.20 -0.48	46.21 -2.25 -0.62	47.38 -2.21 -0.46	50.88 -2.34 0.00	51.91 -2.45 0.00	50.87 -2.42 -0.74	54.22 -2.65 -0.55	54.49 -2.38 -0.20	48.99 -2.20 -0.03	46.92 -2.11 0.00	46.16 -1.97 -1.31	44.16 -1.98 0.00	39.04 -1.71 0.00	36.54 -2.09 0.00
MILLSEAT___LFG 323607	33.56 -1.54 0.00	31.38 -1.97 0.00	29.22 -1.83 0.00	28.94 -1.95 0.00	29.69 -1.90 0.00	31.57 -1.21 0.00	34.58 -2.33 0.00	40.51 -2.09 0.00	39.48 -2.87 -0.08	40.76 -3.74 0.00	42.81 -3.39 -0.36	44.76 -3.54 -0.46	46.48 -3.00 -0.34	49.82 -3.41 0.00	50.88 -3.48 0.00	49.79 -3.31 -0.55	52.71 -4.00 -0.40	52.78 -4.02 -0.13	47.34 -3.84 -0.02	45.35 -3.68 0.00	44.18 -3.51 -0.87	43.70 -2.45 0.00	40.02 -0.73 0.00	36.77 -1.85 0.00
MODEL_CITY_ENERGY 24167	33.03 -2.07 0.00	30.92 -2.43 0.00	28.78 -2.27 0.00	28.48 -2.41 0.00	29.19 -2.40 0.00	31.05 -1.74 0.00	33.85 -3.06 0.00	39.57 -3.02 0.00	38.42 -3.93 -0.08	39.47 -5.03 0.00	41.50 -4.72 -0.38	43.45 -4.88 -0.49	44.78 -4.72 -0.36	47.95 -5.27 0.00	48.98 -5.38 0.00	48.03 -5.10 -0.59	51.15 -5.58 -0.41	51.20 -5.61 -0.14	45.86 -5.32 -0.02	44.03 -5.00 0.00	42.95 -4.78 -0.91	42.59 -3.55 0.00	39.24 -1.51 0.00	36.08 -2.55 0.00
MODERN_LFG___ 323580	33.03 -2.07 0.00	30.92 -2.43 0.00	28.78 -2.27 0.00	28.48 -2.41 0.00	29.19 -2.40 0.00	31.05 -1.74 0.00	33.85 -3.06 0.00	39.57 -3.02 0.00	38.42 -3.93 -0.08	39.47 -5.03 0.00	41.50 -4.72 -0.38	43.45 -4.88 -0.49	44.78 -4.72 -0.36	47.95 -5.27 0.00	48.98 -5.38 0.00	48.03 -5.10 -0.59	51.15 -5.58 -0.41	51.20 -5.61 -0.14	45.86 -5.32 -0.02	44.03 -5.00 0.00	42.95 -4.78 -0.91	42.59 -3.55 0.00	39.24 -1.51 0.00	36.08 -2.55 0.00
MOHAWK_PAPER___DRP 24187	36.79 1.68 0.00	34.65 1.30 0.00	32.20 1.15 0.00	32.06 1.17 0.00	32.72 1.14 0.00	34.16 1.38 0.00	38.90 1.99 0.00	44.89 2.30 0.00	45.70 2.58 -0.85	47.26 2.76 0.00	52.57 3.07 -3.65	55.72 3.16 -4.72	55.85 3.19 -3.52	56.79 3.57 0.00	58.05 3.53 -0.15	61.66 3.47 -5.64	64.25 3.72 -4.22	61.81 3.74 -1.40	54.71 3.33 -0.22	52.26 3.24 0.00	59.14 3.14 -9.19	49.42 3.28 0.00	42.95 2.20 0.00	40.64 2.01 0.00
MONGAUP___HYD 23641	37.45 2.35 0.00	35.22 1.87 0.00	32.60 1.55 0.00	32.43 1.54 0.00	33.13 1.55 0.00	34.75 1.97 0.00	39.75 2.84 0.00	46.21 3.62 0.00	46.85 3.97 -0.61	48.77 4.27 0.00	53.04 4.58 -2.62	56.19 4.98 -3.38	57.04 5.40 -2.50	59.08 5.85 0.00	60.77 6.41 0.00	62.94 6.36 -4.04	66.21 6.87 -3.02	64.59 6.91 -1.00	57.25 5.93 -0.16	54.72 5.69 0.00	58.59 5.20 -6.57	51.22 5.08 0.00	44.54 3.79 0.00	41.76 3.13 0.00
MONTAUK___DIESEL 23721	38.58 3.48 0.00	36.39 3.03 0.00	32.76 1.71 0.00	32.52 1.64 0.01	33.23 1.64 0.00	35.14 2.36 0.00	40.19 3.28 0.00	47.96 5.37 0.01	49.72 6.72 -0.73	52.26 7.61 -0.15	57.08 8.25 -2.98	60.52 8.95 -3.73	61.70 9.58 -2.98	65.12 10.96 -0.94	66.01 11.31 -0.34	69.30 10.77 -5.98	71.51 11.60 -3.59	68.99 11.22 -1.10	61.51 10.18 -0.17	58.84 9.81 -0.01	63.39 9.41 -7.16	58.01 8.91 -2.95	49.43 6.72 -1.95	44.16 5.10 -0.44
MUNSVILLE_WIND_PWR 323609	37.28 2.18 0.00	35.22 1.87 0.00	32.42 1.37 0.00	32.28 1.39 0.00	33.04 1.45 0.00	34.36 1.57 0.00	38.90 1.99 0.00	45.70 3.11 0.00	49.50 6.97 -0.26	52.73 8.23 0.00	55.66 8.71 -1.11	58.55 9.28 -1.43	59.19 8.99 -1.06	63.02 9.79 0.00	64.04 9.68 0.00	63.34 9.09 -1.71	67.78 10.19 -1.27	61.42 4.42 -0.33	55.35 4.14 -0.05	52.95 3.92 0.00	53.20 4.21 -2.16	49.61 3.46 0.00	43.52 2.77 0.00	40.29 1.66 0.00
N SALMON___HYD 24042	34.79 -0.32 0.00	33.28 -0.07 0.00	31.08 0.03 0.00	30.92 0.03 0.00	31.71 0.13 0.00	32.62 -0.16 0.00	36.58 -0.33 0.00	41.87 -0.72 0.00	41.47 -0.80 0.00	43.92 -0.58 0.00	44.84 -1.01 0.00	46.64 -1.20 0.00	47.01 -1.52 0.60	51.57 -1.65 0.01	48.21 -1.79 4.35	50.72 -1.73 0.09	54.46 -1.86 0.00	54.86 -1.81 0.00	49.93 -1.23 0.00	47.95 -1.08 0.00	45.69 -1.12 0.00	44.86 -1.29 0.00	39.57 -1.18 0.00	37.97 -0.66 0.00
N.E._GEN_SANDY PD 24062	36.82 1.72 0.00	34.69 1.33 0.00	32.14 1.09 0.00	32.00 1.11 0.00	32.66 1.07 0.00	34.13 1.34 0.00	39.05 2.14 0.00	45.49 2.90 0.00	46.31 3.25 -0.78	48.02 3.52 0.00	53.00 3.81 -3.35	56.09 3.92 -4.33	56.32 3.98 -3.20	57.48 4.26 0.00	58.76 4.40 0.00	61.97 4.26 -5.17	64.75 4.56 -3.87	62.49 4.53 -1.28	55.51 4.14 -0.20	53.00 3.97 0.00	59.08 3.84 -8.42	49.98 3.83 0.00	43.40 2.65 0.00	40.95 2.32 0.00
NARROWS_GT1_1 24228	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT1_2 24229	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT1_3 24230	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01



NARROWS_GT1_4 24231	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT1_5 24232	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT1_6 24233	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT1_7 24234	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT1_8 24235	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT2_1 24236	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT2_2 24237	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT2_3 24238	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT2_4 24239	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT2_5 24240	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT2_6 24241	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT2_7 24242	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NARROWS_GT2_8 24243	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NEG CAPITAL___MECHNVIL 23645	37.31 2.21 0.00	35.15 1.80 0.00	32.63 1.58 0.00	32.49 1.61 0.00	33.17 1.58 0.00	34.68 1.90 0.00	39.53 2.62 0.00	45.83 3.24 0.00	46.71 3.59 -0.84	48.46 3.96 0.00	53.77 4.31 -3.61	56.86 4.35 -4.67	56.99 4.37 -3.48	57.91 4.68 0.00	59.18 4.67 -0.15	62.64 4.52 -5.58	65.44 4.96 -4.17	63.04 4.99 -1.39	55.93 4.55 -0.22	53.54 4.51 0.00	60.30 4.40 -9.09	50.76 4.61 0.00	43.93 3.18 0.00	41.64 3.01 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.35 -1.76 0.00	31.38 -1.97 0.00	29.25 -1.80 0.00	29.03 -1.85 0.00	29.75 -1.83 0.00	31.27 -1.51 0.00	34.81 -2.10 0.00	40.55 -2.04 0.00	40.01 -2.32 -0.07	41.83 -2.67 0.00	43.61 -2.52 -0.29	45.63 -2.58 -0.37	47.00 -2.41 -0.27	50.61 -2.61 0.00	51.64 -2.72 0.00	50.31 -2.68 -0.44	53.50 -3.15 -0.33	53.72 -3.06 -0.11	48.21 -2.97 -0.02	46.19 -2.84 0.00	44.84 -2.72 -0.74	43.89 -2.26 0.00	39.41 -1.34 0.00	36.66 -1.97 0.00
NEG CENTRAL___DRP 24199	34.54 -0.56 0.00	32.62 -0.73 0.00	30.31 -0.75 0.00	30.15 -0.74 0.00	30.86 -0.73 0.00	32.39 -0.39 0.00	36.21 -0.70 0.00	42.17 -0.43 0.00	41.84 -0.51 -0.07	43.65 -0.85 0.00	45.52 -0.64 -0.32	47.63 -0.62 -0.41	48.95 -0.49 -0.31	52.69 -0.53 0.00	53.76 -0.60 0.00	52.36 -0.68 -0.49	55.84 -0.84 -0.37	56.00 -0.79 -0.13	50.31 -0.87 -0.02	48.24 -0.78 0.00	46.89 -0.75 -0.82	45.59 -0.55 0.00	40.59 -0.16 0.00	37.86 -0.77 0.00



NEG CENTRAL___INDECK 23768	34.82 -0.28 0.00	32.62 -0.73 0.00	30.31 -0.75 0.00	30.08 -0.80 0.00	30.86 -0.73 0.00	32.72 -0.07 0.00	36.43 -0.48 0.00	42.68 0.09 0.00	42.07 -0.30 -0.10	43.70 -0.80 0.00	45.76 -0.50 -0.42	46.04 -2.34 -0.55	47.18 -2.36 -0.41	50.67 -2.55 0.00	51.70 -2.66 0.00	50.73 -2.47 -0.66	53.98 -2.82 -0.48	54.00 -2.83 -0.16	48.37 -2.81 -0.03	46.38 -2.65 0.00	45.35 -2.53 -1.06	44.44 -1.71 0.00	41.61 0.86 0.00	38.36 -0.27 0.00
NEG CENTRAL___SENECA 23627	34.61 -0.49 0.00	32.62 -0.73 0.00	30.34 -0.71 0.00	30.12 -0.77 0.00	30.89 -0.69 0.00	32.52 -0.26 0.00	36.24 -0.66 0.00	42.30 -0.30 0.00	41.89 -0.46 -0.08	43.65 -0.85 0.00	45.60 -0.60 -0.35	47.72 -0.57 -0.46	49.08 -0.39 -0.34	52.80 -0.43 0.00	53.87 -0.49 0.00	52.46 -0.63 -0.55	55.88 -0.84 -0.41	55.96 -0.85 -0.14	50.26 -0.92 -0.02	48.24 -0.78 0.00	46.93 -0.80 -0.90	45.64 -0.51 0.00	40.71 -0.04 0.00	37.86 -0.77 0.00
NEG CENTRAL___STATE_STREET 24147	34.61 -0.49 0.00	32.82 -0.53 0.00	30.55 -0.50 0.00	30.36 -0.53 0.00	31.11 -0.47 0.00	32.59 -0.20 0.00	36.36 -0.55 0.00	42.42 -0.17 0.00	42.05 -0.30 -0.08	43.97 -0.53 0.00	45.85 -0.32 -0.32	48.02 -0.24 -0.42	49.30 -0.15 -0.31	53.12 -0.11 0.00	54.20 -0.16 0.00	52.84 -0.21 -0.50	56.35 -0.34 -0.37	56.63 -0.17 -0.13	50.92 -0.26 -0.02	48.78 -0.25 0.00	47.43 -0.23 -0.85	46.01 -0.14 0.00	40.75 0.00 0.00	38.01 -0.62 0.00
NEG MILLWOOD___DRP 24198	37.10 2.00 0.00	34.85 1.50 0.00	32.20 1.15 0.00	32.00 1.11 0.00	32.69 1.11 0.00	34.29 1.51 0.00	39.53 2.62 0.00	46.21 3.62 0.00	46.84 3.89 -0.67	48.64 4.14 0.00	53.24 4.49 -2.90	56.52 4.93 -3.75	57.32 5.40 -2.78	59.02 5.80 0.00	60.56 6.20 0.00	63.07 6.04 -4.48	66.20 6.53 -3.35	64.24 6.46 -1.11	57.22 5.88 -0.18	54.57 5.54 0.00	59.26 5.15 -7.29	50.95 4.80 0.00	44.46 3.71 0.00	41.60 2.97 0.00
NEG NORTH_FLCN_SEA 23793	34.96 -0.14 0.00	33.45 0.10 0.00	31.24 0.19 0.00	31.10 0.22 0.00	31.87 0.28 0.00	32.82 0.03 0.00	36.72 -0.18 0.00	42.08 -0.51 0.00	41.72 -0.55 0.00	44.19 -0.31 0.00	45.25 -0.60 0.00	47.12 -0.72 0.00	47.55 -0.93 0.65	52.20 -1.01 0.01	48.48 -1.14 4.74	51.39 -1.05 0.10	55.30 -1.01 0.00	55.71 -0.96 0.00	50.44 -0.72 0.00	48.34 -0.69 0.00	46.02 -0.80 0.00	45.18 -0.97 0.00	39.90 -0.86 0.00	38.24 -0.39 0.00
NEG NORTH_KES_CHATGAY 23792	34.72 -0.39 0.00	33.25 -0.10 0.00	31.05 0.00 0.00	30.92 0.03 0.00	31.65 0.06 0.00	32.59 -0.20 0.00	36.43 -0.48 0.00	41.66 -0.94 0.00	41.22 -1.06 0.00	43.70 -0.80 0.00	44.74 -1.10 0.00	46.55 -1.29 0.00	46.97 -1.52 0.64	51.56 -1.65 0.01	47.98 -1.74 4.64	50.76 -1.68 0.10	54.63 -1.69 0.00	55.03 -1.64 0.00	49.83 -1.33 0.00	47.80 -1.23 0.00	45.55 -1.26 0.00	44.72 -1.43 0.00	39.49 -1.26 0.00	37.93 -0.70 0.00
NEG NORTH___ALICE_FALLS 23915	34.79 -0.32 0.00	33.25 -0.10 0.00	31.05 0.00 0.00	30.92 0.03 0.00	31.68 0.09 0.00	32.65 -0.13 0.00	36.58 -0.33 0.00	41.87 -0.72 0.00	41.55 -0.72 0.00	44.06 -0.45 0.00	45.11 -0.73 0.00	46.98 -0.86 0.00	47.40 -1.08 0.65	51.99 -1.22 0.01	48.27 -1.36 4.73	51.18 -1.26 0.10	55.08 -1.24 0.00	55.48 -1.19 0.00	50.24 -0.92 0.00	48.20 -0.83 0.00	45.84 -0.98 0.00	44.99 -1.15 0.00	39.69 -1.06 0.00	38.05 -0.58 0.00
NEG NORTH___LWR_SARANAC 23913	34.79 -0.32 0.00	33.25 -0.10 0.00	31.05 0.00 0.00	30.92 0.03 0.00	31.68 0.09 0.00	32.65 -0.13 0.00	36.58 -0.33 0.00	41.87 -0.72 0.00	41.55 -0.72 0.00	44.06 -0.45 0.00	45.11 -0.73 0.00	46.98 -0.86 0.00	47.40 -1.08 0.65	51.99 -1.22 0.01	48.27 -1.36 4.73	51.18 -1.26 0.10	55.08 -1.24 0.00	55.48 -1.19 0.00	50.24 -0.92 0.00	48.20 -0.83 0.00	45.84 -0.98 0.00	44.99 -1.15 0.00	39.69 -1.06 0.00	38.05 -0.58 0.00
NEG NORTH___PLATTSBURG 23628	34.79 -0.32 0.00	33.25 -0.10 0.00	31.05 0.00 0.00	30.92 0.03 0.00	31.68 0.09 0.00	32.65 -0.13 0.00	36.58 -0.33 0.00	41.87 -0.72 0.00	41.55 -0.72 0.00	44.06 -0.45 0.00	45.11 -0.73 0.00	46.98 -0.86 0.00	47.40 -1.08 0.65	51.99 -1.22 0.01	48.27 -1.36 4.73	51.18 -1.26 0.10	55.08 -1.24 0.00	55.48 -1.19 0.00	50.24 -0.92 0.00	48.20 -0.83 0.00	45.84 -0.98 0.00	44.99 -1.15 0.00	39.69 -1.06 0.00	38.05 -0.58 0.00
NEG WEST_LEA_LOCKPORT 23791	33.07 -2.04 0.00	30.95 -2.40 0.00	28.82 -2.24 0.00	28.51 -2.38 0.00	29.25 -2.34 0.00	31.11 -1.67 0.00	33.92 -2.99 0.00	39.65 -2.94 0.00	38.51 -3.85 -0.08	39.56 -4.94 0.00	41.59 -4.63 -0.37	43.54 -4.78 -0.48	44.92 -4.57 -0.36	48.11 -5.11 0.00	49.09 -5.27 0.00	48.13 -4.99 -0.58	51.26 -5.46 -0.41	51.31 -5.50 -0.14	46.01 -5.17 -0.02	44.13 -4.90 0.00	43.04 -4.68 -0.90	42.69 -3.46 0.00	39.32 -1.43 0.00	36.16 -2.47 0.00
NEG WEST___LANCASTR 23811	32.75 -2.35 0.00	30.68 -2.67 0.00	28.54 -2.52 0.00	28.26 -2.63 0.00	28.96 -2.62 0.00	30.85 -1.93 0.00	33.92 -2.99 0.00	39.65 -2.94 0.00	38.56 -3.80 -0.10	39.69 -4.81 0.00	41.69 -4.58 -0.43	43.66 -4.74 -0.56	44.98 -4.57 -0.41	48.11 -5.11 0.00	49.30 -5.06 0.00	48.43 -4.78 -0.67	51.66 -5.12 -0.47	51.50 -5.33 -0.16	46.22 -4.96 -0.03	44.32 -4.71 0.00	43.32 -4.54 -1.04	42.69 -3.46 0.00	38.92 -1.83 0.00	35.89 -2.74 0.00
NEG_PENN_ALLEGHNY 23528	35.45 0.35 0.00	33.45 0.10 0.00	31.05 0.00 0.00	30.86 -0.03 0.00	31.59 0.00 0.00	33.08 0.30 0.00	37.35 0.44 0.00	43.45 0.85 0.00	43.38 0.89 -0.22	45.26 0.76 0.00	47.72 0.92 -0.96	50.13 1.05 -1.24	51.23 1.18 -0.92	54.50 1.28 0.00	55.72 1.36 0.00	55.34 1.31 -1.48	58.83 1.41 -1.10	58.34 1.30 -0.36	52.34 1.13 -0.06	50.11 1.08 0.00	50.22 1.03 -2.38	47.26 1.11 0.00	41.73 0.98 0.00	39.09 0.46 0.00
NEG___GEN_MONROE 24207	34.15 -0.95 0.00	32.05 -1.30 0.00	29.84 -1.21 0.00	29.62 -1.27 0.00	30.35 -1.23 0.00	32.09 -0.69 0.00	35.58 -1.33 0.00	41.61 -0.98 0.00	40.91 -1.44 -0.07	42.59 -1.91 0.00	44.55 -1.60 -0.31	46.61 -1.63 -0.40	48.15 -1.28 -0.30	51.84 -1.38 0.00	52.89 -1.47 0.00	51.66 -1.37 -0.48	54.81 -1.86 -0.35	55.03 -1.76 -0.12	49.33 -1.84 -0.02	47.26 -1.77 0.00	45.87 -1.73 -0.78	45.09 -1.06 0.00	40.71 -0.04 0.00	37.59 -1.04 0.00
NEPA___ENERGY 23901	32.68 -2.42 0.00	30.68 -2.67 0.00	28.50 -2.55 0.00	28.26 -2.63 0.00	28.96 -2.62 0.00	30.72 -2.07 0.00	34.03 -2.88 0.00	39.31 -3.28 0.00	38.45 -3.93 -0.11	39.52 -4.98 0.00	41.28 -5.04 -0.48	43.29 -5.17 -0.62	44.53 -5.06 -0.46	47.47 -5.75 0.00	48.87 -5.49 0.00	48.13 -5.15 -0.74	51.38 -5.46 -0.53	51.07 -5.78 -0.18	45.92 -5.27 -0.03	44.03 -5.00 0.00	43.06 -4.92 -1.16	42.23 -3.92 0.00	38.27 -2.49 0.00	35.69 -2.94 0.00
NEVERSINK___HYD 23608	36.30 1.19 0.00	34.22 0.87 0.00	31.73 0.68 0.00	31.60 0.71 0.00	32.28 0.69 0.00	33.63 0.85 0.00	38.39 1.48 0.00	44.64 2.04 0.00	45.04 2.20 -0.57	46.77 2.27 0.00	50.73 2.43 -2.46	53.74 2.73 -3.17	54.38 2.90 -2.35	56.42 3.19 0.00	57.78 3.42 0.00	59.70 3.36 -3.79	62.81 3.66 -2.84	61.41 3.80 -0.94	54.79 3.48 -0.15	52.36 3.33 0.00	56.08 3.09 -6.17	49.15 3.00 0.00	42.95 2.20 0.00	40.29 1.66 0.00
NEWTON___FALLS_HYD 23847	35.84 0.74 0.00	34.05 0.70 0.00	31.55 0.50 0.00	31.44 0.56 0.00	32.19 0.60 0.00	33.21 0.43 0.00	37.39 0.48 0.00	43.19 0.60 0.00	42.69 0.42 0.00	45.17 0.67 0.00	46.07 0.23 0.00	47.84 0.00 0.00	48.41 -0.39 0.33	52.79 -0.43 0.00	51.52 -0.43 2.40	51.81 -0.68 0.05	55.59 -0.73 0.00	55.88 -0.79 0.00	51.21 0.05 0.00	49.27 0.25 0.00	47.57 0.75 0.00	46.56 0.42 0.00	41.16 0.41 0.00	38.86 0.23 0.00



NIAGARA____ 23760	32.82 -2.28 0.00	30.75 -2.60 0.00	28.66 -2.39 0.00	28.36 -2.53 0.00	29.06 -2.53 0.00	30.85 -1.93 0.00	33.59 -3.32 0.00	39.19 -3.41 0.00	38.00 -4.35 -0.08	39.03 -5.47 0.00	41.04 -5.18 -0.38	42.92 -5.41 -0.49	44.34 -5.16 -0.36	47.47 -5.75 0.00	48.43 -5.93 0.00	47.51 -5.62 -0.58	50.58 -6.14 -0.41	50.63 -6.18 -0.14	45.40 -5.78 -0.02	43.59 -5.44 0.00	42.52 -5.20 -0.90	42.23 -3.92 0.00	38.92 -1.83 0.00	35.85 -2.78 0.00
NINE_MILE_1 23575	34.12 -0.98 0.00	32.32 -1.03 0.00	30.09 -0.96 0.00	29.90 -0.99 0.00	30.61 -0.98 0.00	31.86 -0.92 0.00	35.88 -1.03 0.00	41.49 -1.11 0.00	41.21 -1.10 -0.04	43.03 -1.47 0.00	44.59 -1.42 -0.17	46.57 -1.48 -0.22	47.82 -1.47 -0.16	51.63 -1.60 0.00	52.73 -1.63 0.00	51.23 -1.58 -0.26	54.71 -1.80 -0.19	54.92 -1.81 -0.06	49.48 -1.69 -0.01	47.46 -1.57 0.00	45.75 -1.50 -0.43	44.76 -1.38 0.00	39.85 -0.90 0.00	37.59 -1.04 0.00
NINE_MILE_2 23744	34.12 -0.98 0.00	32.32 -1.03 0.00	30.09 -0.96 0.00	29.90 -0.99 0.00	30.61 -0.98 0.00	31.86 -0.92 0.00	35.88 -1.03 0.00	41.49 -1.11 0.00	41.21 -1.10 -0.04	43.03 -1.47 0.00	44.59 -1.42 -0.17	46.57 -1.48 -0.21	47.82 -1.47 -0.16	51.63 -1.60 0.00	52.73 -1.63 -0.00	51.23 -1.58 -0.26	54.71 -1.80 -0.19	54.92 -1.81 -0.06	49.53 -1.64 -0.01	47.46 -1.57 0.00	45.74 -1.50 -0.42	44.76 -1.38 0.00	39.85 -0.90 0.00	37.59 -1.04 0.00
NM_CAPITAL____DRP 24208	36.61 1.51 0.00	34.52 1.17 0.00	32.08 1.02 0.00	31.94 1.05 0.00	32.60 1.01 0.00	34.03 1.25 0.00	38.75 1.85 0.00	44.60 2.00 0.00	45.40 2.28 -0.84	46.95 2.45 0.00	52.17 2.70 -3.62	55.29 2.77 -4.68	55.47 2.85 -3.49	56.36 3.14 0.00	57.66 3.15 -0.14	61.19 3.05 -5.59	63.77 3.27 -4.18	61.35 3.29 -1.39	54.29 2.92 -0.22	51.87 2.84 0.00	58.64 2.72 -9.11	49.01 2.86 0.00	42.63 1.87 0.00	40.33 1.70 0.00
NM_CENTRAL____DRP 24181	34.79 -0.32 0.00	32.88 -0.47 0.00	30.55 -0.50 0.00	30.39 -0.49 0.00	31.11 -0.47 0.00	32.45 -0.33 0.00	36.58 -0.33 0.00	42.51 -0.09 0.00	42.28 -0.04 -0.05	44.23 -0.27 0.00	45.91 -0.14 -0.20	48.01 -0.10 -0.26	49.28 -0.05 -0.20	53.22 0.00 0.00	54.31 -0.05 0.00	52.81 -0.05 -0.32	56.44 -0.11 -0.23	56.58 -0.17 -0.08	50.91 -0.26 -0.01	48.78 -0.25 0.00	47.15 -0.19 -0.52	46.01 -0.14 0.00	40.83 0.08 0.00	38.36 -0.27 0.00
NM_FRONTIER____DRP 24179	32.96 -2.14 0.00	30.88 -2.47 0.00	28.75 -2.30 0.00	28.45 -2.44 0.00	29.15 -2.43 0.00	30.98 -1.80 0.00	33.74 -3.17 0.00	39.40 -3.19 0.00	38.17 -4.18 -0.08	39.20 -5.30 0.00	41.23 -5.00 -0.38	43.17 -5.17 -0.49	44.59 -4.91 -0.37	47.74 -5.48 0.00	48.71 -5.65 0.00	47.78 -5.36 -0.59	50.93 -5.80 -0.41	50.97 -5.84 -0.14	45.65 -5.52 -0.02	43.83 -5.20 0.00	42.76 -4.96 -0.91	42.46 -3.69 0.00	39.16 -1.59 0.00	36.00 -2.63 0.00
NM_ST_REGIS____HYD 24053	34.93 -0.18 0.00	33.38 0.03 0.00	31.11 0.06 0.00	30.98 0.09 0.00	31.74 0.16 0.00	32.65 -0.13 0.00	36.54 -0.37 0.00	41.87 -0.72 0.00	41.30 -0.97 0.00	43.74 -0.76 0.00	44.38 -1.47 0.00	45.93 -1.91 0.00	46.27 -2.36 0.51	50.71 -2.50 0.01	48.01 -2.66 3.69	49.84 -2.63 0.08	53.28 -3.04 0.00	53.67 -3.00 0.00	49.32 -1.84 0.00	47.51 -1.52 0.00	45.65 -1.17 0.00	44.81 -1.34 0.00	39.73 -1.02 0.00	38.01 -0.62 0.00
NORTHPORT____1 23551	37.28 2.18 0.00	35.12 1.77 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	33.96 1.18 0.00	38.94 2.03 0.00	46.17 3.58 0.01	47.90 4.90 -0.73	50.04 5.38 -0.15	54.65 5.82 -2.98	57.84 6.27 -3.73	58.80 6.68 -2.98	61.45 7.29 -0.94	62.47 7.77 -0.34	65.83 7.30 -5.98	67.85 7.94 -3.59	65.70 7.93 -1.10	58.49 7.16 -0.17	55.85 6.81 -0.01	60.16 6.18 -7.16	55.01 5.91 -2.95	47.29 4.81 -1.73	42.92 3.90 -0.39
NORTHPORT____2 23552	37.28 2.18 0.00	35.12 1.77 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	33.96 1.18 0.00	38.94 2.03 0.00	46.17 3.58 0.01	47.90 4.90 -0.73	50.04 5.38 -0.15	54.65 5.82 -2.98	57.84 6.27 -3.73	58.80 6.68 -2.98	61.45 7.29 -0.94	62.47 7.77 -0.34	65.83 7.30 -5.98	67.85 7.94 -3.59	65.70 7.93 -1.10	58.49 7.16 -0.17	55.85 6.81 -0.01	60.16 6.18 -7.16	55.01 5.91 -2.95	47.29 4.81 -1.73	42.92 3.90 -0.39
NORTHPORT____3 23553	36.82 1.72 0.00	34.65 1.30 0.00	31.45 0.40 0.00	31.25 0.37 0.01	31.93 0.35 0.00	33.54 0.75 0.00	38.57 1.66 0.00	45.44 2.85 0.01	46.89 3.89 -0.73	48.97 4.32 -0.15	53.50 4.68 -2.98	57.07 5.50 -3.73	58.01 5.90 -2.98	61.02 6.87 -0.93	61.55 6.85 -0.34	65.30 6.78 -5.97	66.94 7.04 -3.59	64.57 6.80 -1.10	57.42 6.09 -0.17	54.86 5.83 0.00	59.68 5.71 -7.15	54.54 5.45 -2.95	46.00 3.95 -1.30	42.38 3.48 -0.28
NORTHPORT____4 23650	36.82 1.72 0.00	34.65 1.30 0.00	31.45 0.40 0.00	31.25 0.37 0.01	31.93 0.35 0.00	33.54 0.75 0.00	38.57 1.66 0.00	45.44 2.85 0.01	46.89 3.89 -0.73	48.97 4.32 -0.15	53.50 4.68 -2.98	57.07 5.50 -3.73	58.01 5.90 -2.98	61.02 6.87 -0.93	61.55 6.85 -0.34	65.30 6.78 -5.97	66.94 7.04 -3.59	64.57 6.80 -1.10	57.42 6.09 -0.17	54.86 5.83 0.00	59.68 5.71 -7.15	54.54 5.45 -2.95	46.00 3.95 -1.30	42.38 3.48 -0.28
NORTHPORT____IC 23718	37.28 2.18 0.00	35.12 1.77 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	33.96 1.18 0.00	38.94 2.03 0.00	46.17 3.58 0.01	47.90 4.90 -0.73	50.04 5.38 -0.15	54.65 5.82 -2.98	57.84 6.27 -3.73	58.80 6.68 -2.98	61.45 7.29 -0.94	62.47 7.77 -0.34	65.83 7.30 -5.98	67.85 7.94 -3.59	65.70 7.93 -1.10	58.49 7.16 -0.17	55.85 6.81 -0.01	60.16 6.18 -7.16	55.01 5.91 -2.95	47.29 4.81 -1.73	42.92 3.90 -0.39
NPX_GEN_1385_PROXY 323591	37.28 2.18 0.00	35.12 1.77 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	33.96 1.18 0.00	38.94 2.03 0.00	46.17 3.58 0.01	47.90 4.90 -0.73	50.04 5.38 -0.15	54.65 5.82 -2.98	57.84 6.27 -3.73	58.80 6.68 -2.98	61.45 7.29 -0.94	62.47 7.77 -0.34	65.83 7.30 -5.98	67.85 7.94 -3.59	65.70 7.93 -1.10	58.49 7.16 -0.17	55.85 6.81 -0.01	60.16 6.18 -7.16	55.01 5.91 -2.95	47.29 4.81 -1.73	42.92 3.90 -0.39
NPX_GEN_CSC 323557	37.38 2.28 0.00	35.25 1.90 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	34.03 1.25 0.00	38.38 1.48 0.00	45.61 3.02 0.01	47.31 4.31 -0.73	49.59 4.94 -0.15	54.24 5.41 -2.98	57.46 5.88 -3.73	58.50 6.39 -2.98	61.40 7.24 -0.94	62.15 7.45 -0.34	65.67 7.15 -5.98	67.68 7.77 -3.59	65.36 7.59 -1.10	58.29 6.96 -0.17	55.71 6.67 -0.01	60.25 6.27 -7.16	55.06 5.95 -2.95	47.22 4.52 -1.95	42.42 3.36 -0.43
NSINS_S_GLNS_FALLS 23858	37.24 2.14 0.00	35.05 1.70 0.00	32.57 1.52 0.00	32.46 1.58 0.00	33.10 1.52 0.00	34.62 1.84 0.00	39.42 2.51 0.00	46.00 3.41 0.00	47.01 3.89 -0.85	48.86 4.36 0.00	54.26 4.77 -3.65	57.09 4.54 -4.71	57.16 4.52 -3.51	57.32 4.10 0.00	58.76 4.24 -0.16	62.22 4.05 -5.63	65.14 4.62 -4.21	62.77 4.70 -1.40	55.98 4.60 -0.22	53.69 4.66 0.00	60.67 4.68 -9.17	51.09 4.94 0.00	43.93 3.18 0.00	41.76 3.13 0.00
NUCOR_STEEL____DRP 24197	34.26 -0.84 0.00	32.55 -0.80 0.00	30.31 -0.75 0.00	30.15 -0.74 0.00	30.86 -0.73 0.00	32.29 -0.49 0.00	35.95 -0.96 0.00	41.91 -0.68 0.00	41.50 -0.85 -0.08	43.39 -1.11 0.00	45.25 -0.92 -0.33	47.35 -0.91 -0.42	48.66 -0.79 -0.31	52.42 -0.80 0.00	53.44 -0.92 0.00	52.15 -0.89 -0.50	55.62 -1.07 -0.37	55.95 -0.85 -0.13	50.31 -0.87 -0.02	48.20 -0.83 0.00	46.88 -0.80 -0.86	45.46 -0.69 0.00	40.30 -0.45 0.00	37.62 -1.00 0.00



NYISO_LBMP_REFERENCE 24008	35.10 0.00 0.00	33.35 0.00 0.00	31.05 0.00 0.00	30.89 0.00 0.00	31.59 0.00 0.00	32.78 0.00 0.00	36.91 0.00 0.00	42.59 0.00 0.00	42.27 0.00 0.00	44.50 0.00 0.00	45.84 0.00 0.00	47.84 0.00 0.00	49.14 0.00 0.00	53.22 0.00 0.00	54.36 0.00 0.00	52.54 0.00 0.00	56.32 0.00 0.00	56.67 0.00 0.00	51.16 0.00 0.00	49.03 0.00 0.00	46.82 0.00 0.00	46.15 0.00 0.00	40.75 0.00 0.00	38.63 0.00 0.00
NYPA_BRENTWD____GT 24164	37.49 2.39 0.00	35.32 1.97 0.00	31.98 0.93 0.00	31.78 0.90 0.01	32.47 0.88 0.00	34.16 1.38 0.00	39.16 2.25 0.00	46.51 3.92 0.00	48.24 5.24 -0.72	50.48 5.83 -0.15	55.11 6.28 -2.98	58.08 6.51 -3.73	59.09 6.98 -2.98	61.93 7.77 -0.94	62.80 8.10 -0.34	66.25 7.72 -5.98	68.30 8.39 -3.59	66.04 8.27 -1.10	58.75 7.42 -0.17	56.15 7.11 -0.01	60.58 6.60 -7.16	55.52 6.41 -2.95	48.09 5.22 -2.12	43.24 4.13 -0.47
NYPA_GOWANUS____GT5 24156	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.91 5.60 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.35 6.85 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.83 5.57 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NYPA_GOWANUS____GT6 24157	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.91 5.60 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.35 6.85 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.83 5.57 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01
NYPA_HARLEM_RVR_GT1 24160	37.46 2.35 -0.01	35.16 1.80 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.42 3.83 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.83 5.26 -3.73	57.72 5.60 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.37 6.20 -4.63	66.47 6.59 -3.57	64.28 6.52 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.12 5.15 -7.15	51.42 5.26 -0.01	44.59 3.83 -0.01	41.65 3.01 -0.01
NYPA_HARLEM_RVR_GT2 24161	37.46 2.35 -0.01	35.16 1.80 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.42 3.83 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.83 5.26 -3.73	57.72 5.60 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.37 6.20 -4.63	66.47 6.59 -3.57	64.28 6.52 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.12 5.15 -7.15	51.42 5.26 -0.01	44.59 3.83 -0.01	41.65 3.01 -0.01
NYPA_KENT____GT 24152	37.53 2.42 -0.01	35.23 1.87 -0.01	32.45 1.40 0.00	32.25 1.36 0.00	32.91 1.33 0.00	34.49 1.70 0.00	39.75 2.84 0.00	46.73 4.13 0.00	49.86 4.48 -3.10	67.77 4.76 -18.51	67.15 5.13 -16.18	58.86 5.55 -5.47	70.05 5.90 -15.02	71.16 6.49 -11.44	72.34 6.80 -11.18	72.10 6.67 -12.88	74.80 7.10 -11.39	70.74 7.03 -7.04	67.05 6.34 -9.55	66.01 6.03 -10.95	71.10 5.48 -18.80	57.13 5.54 -5.44	44.96 4.20 -0.01	42.00 3.36 -0.01
NYPA_POUCH1____GT 24155	37.60 2.49 -0.01	35.29 1.93 -0.01	32.51 1.46 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.49 1.70 0.00	39.75 2.84 0.00	46.73 4.13 0.00	49.90 4.40 -3.23	76.31 4.72 -27.10	73.19 5.04 -22.30	58.77 5.45 -5.47	73.13 5.80 -18.20	73.19 6.44 -13.53	73.19 6.69 -12.14	73.19 6.62 -14.02	74.75 7.04 -11.39	74.37 6.97 -10.73	73.19 6.34 -15.69	73.19 6.03 -18.13	78.69 5.43 -26.44	60.69 5.54 -9.01	45.04 4.28 -0.01	42.07 3.44 -0.01
NYPA_VERNON____GT2 24162	37.46 2.35 -0.01	35.13 1.77 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.45 1.67 0.00	39.71 2.81 0.00	46.68 4.09 0.00	49.77 4.40 -3.10	59.13 4.72 -9.91	60.94 5.04 -10.05	58.77 5.45 -5.47	66.82 5.85 -11.84	68.97 6.39 -9.36	71.27 6.69 -10.22	70.80 6.52 -11.74	74.69 6.91 -11.39	66.94 6.91 -3.36	60.81 6.24 -3.41	58.68 5.88 -3.77	63.31 5.34 -11.15	53.42 5.40 -1.87	44.84 4.08 -0.01	41.88 3.24 -0.01
NYPA_VERNON____GT3 24163	37.46 2.35 -0.01	35.13 1.77 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.45 1.67 0.00	39.71 2.81 0.00	46.68 4.09 0.00	49.77 4.40 -3.10	59.13 4.72 -9.91	60.94 5.04 -10.05	58.77 5.45 -5.47	66.82 5.85 -11.84	68.97 6.39 -9.36	71.27 6.69 -10.22	70.80 6.52 -11.74	74.69 6.98 -11.39	66.94 6.91 -3.36	60.81 6.24 -3.41	58.68 5.88 -3.77	63.31 5.34 -11.15	53.42 5.40 -1.87	44.84 4.08 -0.01	41.88 3.24 -0.01
NYPA____ASTORIA_CC1 323568	37.43 2.32 -0.01	35.09 1.73 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.64 4.05 0.00	49.73 4.35 -3.10	54.59 4.67 -5.42	57.68 5.00 -6.84	58.72 5.41 -5.47	65.05 5.75 -10.17	67.82 6.33 -8.26	70.66 6.58 -9.72	70.15 6.46 -11.14	74.64 6.93 -11.39	64.90 6.80 -1.43	57.54 6.19 -0.19	54.87 5.83 -0.01	59.26 5.29 -7.15	51.51 5.35 -0.01	44.79 4.03 -0.01	41.84 3.21 -0.01
NYPA____ASTORIA_CC2 323569	37.43 2.32 -0.01	35.09 1.73 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.64 4.05 0.00	49.73 4.35 -3.10	54.59 4.67 -5.42	57.68 5.00 -6.84	58.72 5.41 -5.47	65.05 5.75 -10.17	67.82 6.33 -8.26	70.66 6.58 -9.72	70.15 6.46 -11.14	74.64 6.93 -11.39	64.90 6.80 -1.43	57.54 6.19 -0.19	54.87 5.83 -0.01	59.26 5.29 -7.15	51.51 5.35 -0.01	44.79 4.03 -0.01	41.84 3.21 -0.01
NYPA____HOLTSVILL 23794	37.42 2.32 0.00	35.25 1.90 0.00	31.89 0.84 0.00	31.68 0.80 0.01	32.37 0.79 0.00	34.06 1.28 0.00	38.86 1.96 0.00	46.12 3.54 0.01	47.86 4.86 -0.73	50.08 5.43 -0.15	54.69 5.87 -2.98	57.94 6.36 -3.73	59.00 6.88 -2.98	61.77 7.61 -0.94	62.58 7.88 -0.34	66.04 7.51 -5.98	68.13 8.22 -3.59	65.81 8.05 -1.10	58.70 7.37 -0.17	56.10 7.06 -0.01	60.54 6.55 -7.16	55.38 6.28 -2.96	47.61 4.93 -1.92	42.92 3.86 -0.43
NYPA____HELLGATE_GT1 24158	37.46 2.35 -0.01	35.16 1.80 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.42 3.83 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.83 5.26 -3.73	57.72 5.60 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.37 6.20 -4.63	66.47 6.59 -3.57	64.28 6.52 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.12 5.15 -7.15	51.42 5.26 -0.01	44.59 3.83 -0.01	41.65 3.01 -0.01
NYPA____HELLGATE_GT2 24159	37.46 2.35 -0.01	35.16 1.80 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.42 3.83 0.01	47.28 4.27 -0.74	49.22 4.54 -0.19	53.68 4.86 -2.98	56.83 5.26 -3.73	57.72 5.60 -2.98	59.70 6.17 -0.30	61.11 6.41 -0.34	63.37 6.20 -4.63	66.47 6.59 -3.57	64.28 6.52 -1.09	57.32 5.99 -0.18	54.72 5.69 -0.01	59.12 5.15 -7.15	51.42 5.26 -0.01	44.59 3.83 -0.01	41.65 3.01 -0.01
NYS_BARGE___HYD 23848	33.10 -2.00 0.00	30.98 -2.37 0.00	28.85 -2.20 0.00	28.54 -2.35 0.00	29.28 -2.31 0.00	31.14 -1.64 0.00	33.99 -2.92 0.00	39.74 -2.85 0.00	38.59 -3.76 -0.08	39.69 -4.81 0.00	41.72 -4.49 -0.37	43.68 -4.64 -0.48	45.02 -4.47 -0.35	48.22 -5.00 0.00	49.20 -5.16 0.00	48.23 -4.89 -0.57	51.37 -5.35 -0.41	51.42 -5.38 -0.14	46.11 -5.06 -0.02	44.22 -4.80 0.00	43.13 -4.59 -0.90	42.78 -3.37 0.00	39.41 -1.34 0.00	36.20 -2.43 0.00



O.H_GEN_BRUCE 24063	32.82 -2.28 0.00	30.75 -2.60 0.00	28.66 -2.39 0.00	28.36 -2.53 0.00	29.06 -2.53 0.00	30.85 -1.93 0.00	33.62 -3.28 0.00	39.19 -3.41 0.00	38.04 -4.31 -0.08	39.07 -5.43 0.00	41.08 -5.13 -0.37	43.01 -5.31 -0.48	44.38 -5.11 -0.35	47.53 -5.69 0.00	48.54 -5.82 0.00	47.60 -5.52 -0.57	50.69 -6.03 -0.40	50.74 -6.06 -0.13	45.50 -5.68 -0.02	43.64 -5.39 0.00	42.54 -5.15 -0.87	42.27 -3.88 0.00	38.92 -1.83 0.00	35.85 -2.78 0.00
OAK ORCHARD___HYD 24046	33.91 -1.19 0.00	31.88 -1.47 0.00	29.68 -1.37 0.00	29.47 -1.42 0.00	30.20 -1.39 0.00	31.83 -0.95 0.00	35.32 -1.59 0.00	41.23 -1.36 0.00	40.65 -1.69 -0.07	42.41 -2.09 0.00	44.31 -1.83 -0.30	46.31 -1.91 -0.38	47.75 -1.67 -0.28	51.41 -1.81 0.00	52.46 -1.90 0.00	51.27 -1.73 -0.46	54.46 -2.20 -0.34	54.69 -2.10 -0.12	49.08 -2.10 -0.02	46.97 -2.06 0.00	45.56 -2.01 -0.76	44.72 -1.43 0.00	40.30 -0.45 0.00	37.35 -1.27 0.00
OCC_CHEM___DRP 24175	33.00 -2.11 0.00	30.88 -2.47 0.00	28.75 -2.30 0.00	28.48 -2.41 0.00	29.19 -2.40 0.00	31.01 -1.77 0.00	33.77 -3.14 0.00	39.44 -3.15 0.00	38.21 -4.14 -0.08	39.25 -5.25 0.00	41.28 -4.95 -0.38	43.22 -5.12 -0.49	44.64 -4.86 -0.37	47.79 -5.43 0.00	48.76 -5.60 0.00	47.88 -5.25 -0.59	50.99 -5.74 -0.41	51.03 -5.78 -0.14	45.76 -5.42 -0.02	43.88 -5.15 0.00	42.81 -4.92 -0.91	42.50 -3.65 0.00	39.20 -1.55 0.00	36.04 -2.59 0.00
OLIN_CORP_DRP 24177	33.00 -2.11 0.00	30.88 -2.47 0.00	28.75 -2.30 0.00	28.48 -2.41 0.00	29.19 -2.40 0.00	31.05 -1.74 0.00	33.81 -3.10 0.00	39.53 -3.07 0.00	38.34 -4.02 -0.08	39.38 -5.12 0.00	41.42 -4.81 -0.39	43.36 -4.98 -0.50	44.74 -4.77 -0.37	47.90 -5.32 0.00	48.87 -5.49 0.00	47.94 -5.20 -0.60	51.10 -5.63 -0.42	51.09 -5.72 -0.14	45.81 -5.37 -0.02	43.93 -5.10 0.00	42.92 -4.82 -0.92	42.55 -3.60 0.00	39.24 -1.51 0.00	36.08 -2.55 0.00
ONONDAGA_REF_OCCRA 23987	34.96 -0.14 0.00	33.05 -0.30 0.00	30.71 -0.34 0.00	30.55 -0.34 0.00	31.27 -0.32 0.00	32.62 -0.16 0.00	36.84 -0.07 0.00	42.81 0.21 0.00	42.62 0.30 -0.05	44.59 0.09 0.00	46.25 0.18 -0.22	48.41 0.29 -0.29	49.69 0.34 -0.21	53.65 0.43 0.00	54.69 0.33 0.00	53.26 0.37 -0.34	56.91 0.34 -0.26	57.04 0.28 -0.09	51.32 0.15 -0.01	49.22 0.20 0.00	47.57 0.19 -0.57	46.38 0.23 0.00	41.08 0.33 0.00	38.55 -0.08 0.00
ONONDAGA___COGEN 23986	34.79 -0.32 0.00	32.92 -0.43 0.00	30.62 -0.43 0.00	30.46 -0.43 0.00	31.18 -0.41 0.00	32.52 -0.26 0.00	36.65 -0.26 0.00	42.55 -0.04 0.00	42.33 0.00 -0.06	44.23 -0.27 0.00	45.91 -0.18 -0.25	48.02 -0.14 -0.32	49.32 -0.05 -0.24	53.17 -0.05 0.00	54.25 -0.11 0.00	52.82 -0.11 -0.38	56.43 -0.17 -0.29	56.60 -0.17 -0.10	50.92 -0.26 -0.02	48.83 -0.20 0.00	47.26 -0.19 -0.63	46.01 -0.14 0.00	40.83 0.08 0.00	38.36 -0.27 0.00
ONTARIO___LFGE 23819	34.61 -0.49 0.00	32.62 -0.73 0.00	30.34 -0.71 0.00	30.12 -0.77 0.00	30.89 -0.69 0.00	32.52 -0.26 0.00	36.24 -0.66 0.00	42.30 -0.30 0.00	41.89 -0.46 -0.08	43.65 -0.85 0.00	45.60 -0.60 -0.35	47.72 -0.57 -0.46	49.08 -0.39 -0.34	52.80 -0.43 0.00	53.87 -0.49 0.00	52.46 -0.63 -0.55	55.88 -0.84 -0.41	55.96 -0.85 -0.14	50.26 -0.92 -0.02	48.24 -0.78 0.00	46.93 -0.80 -0.90	45.64 -0.51 0.00	40.71 -0.04 0.00	37.86 -0.77 0.00
OSWEGATCHIE___HYD 24044	35.84 0.74 0.00	34.05 0.70 0.00	31.55 0.50 0.00	31.44 0.56 0.00	32.19 0.60 0.00	33.21 0.43 0.00	37.39 0.48 0.00	43.19 0.60 0.00	42.69 0.42 0.00	45.17 0.67 0.00	46.07 0.23 0.00	47.84 0.00 0.00	48.41 -0.39 0.33	52.79 -0.43 0.00	51.52 -0.43 2.40	51.81 -0.68 0.05	55.59 -0.73 0.00	55.88 -0.79 0.00	51.21 0.05 0.00	49.27 0.25 0.00	47.57 0.75 0.00	46.56 0.42 0.00	41.16 0.41 0.00	38.86 0.23 0.00
OSWEGO___5 23606	34.33 -0.77 0.00	32.52 -0.83 0.00	30.24 -0.81 0.00	30.08 -0.80 0.00	30.77 -0.82 0.00	32.09 -0.69 0.00	36.10 -0.81 0.00	41.78 -0.81 0.00	41.51 -0.80 -0.04	43.39 -1.11 0.00	44.98 -1.05 -0.19	46.99 -1.10 -0.25	48.24 -1.08 -0.19	52.05 -1.17 0.00	53.16 -1.20 0.00	51.69 -1.16 -0.30	55.19 -1.35 -0.22	55.39 -1.36 -0.08	49.89 -1.28 -0.01	47.85 -1.18 0.00	46.19 -1.12 -0.49	45.13 -1.02 0.00	40.10 -0.65 0.00	37.82 -0.81 0.00
OSWEGO___6 23613	34.33 -0.77 0.00	32.52 -0.83 0.00	30.24 -0.81 0.00	30.08 -0.80 0.00	30.77 -0.82 0.00	32.09 -0.69 0.00	36.10 -0.81 0.00	41.78 -0.81 0.00	41.51 -0.80 -0.04	43.39 -1.11 0.00	44.98 -1.05 -0.19	46.99 -1.10 -0.25	48.24 -1.08 -0.19	52.05 -1.17 0.00	53.16 -1.20 0.00	51.69 -1.16 -0.30	55.19 -1.35 -0.22	55.39 -1.36 -0.08	49.89 -1.28 -0.01	47.85 -1.18 0.00	46.19 -1.12 -0.49	45.13 -1.02 0.00	40.10 -0.65 0.00	37.82 -0.81 0.00
OUTOKUMPU-AB___DRP 24206	33.38 -1.72 0.00	31.25 -2.10 0.00	29.06 -1.99 0.00	28.79 -2.10 0.00	29.50 -2.08 0.00	31.44 -1.34 0.00	34.33 -2.58 0.00	40.25 -2.34 0.00	39.02 -3.34 -0.08	40.18 -4.32 0.00	42.29 -3.94 -0.39	44.27 -4.07 -0.50	45.67 -3.83 -0.37	48.91 -4.31 0.00	49.96 -4.40 0.00	48.88 -4.26 -0.60	52.07 -4.67 -0.42	52.05 -4.76 -0.14	46.68 -4.50 -0.02	44.81 -4.22 0.00	43.67 -4.07 -0.92	43.29 -2.86 0.00	39.85 -0.90 0.00	36.50 -2.12 0.00
OXBOW___ 24026	33.24 -1.86 0.00	31.12 -2.23 0.00	28.94 -2.11 0.00	28.66 -2.22 0.00	29.38 -2.21 0.00	31.27 -1.51 0.00	34.10 -2.81 0.00	39.95 -2.64 0.00	38.68 -3.68 -0.08	39.78 -4.72 0.00	41.87 -4.36 -0.38	43.84 -4.50 -0.50	45.28 -4.23 -0.37	48.49 -4.74 0.00	49.47 -4.89 0.00	48.46 -4.68 -0.59	51.67 -5.07 -0.42	51.65 -5.16 -0.14	46.32 -4.86 -0.02	44.47 -4.56 0.00	43.38 -4.35 -0.92	43.01 -3.14 0.00	39.61 -1.14 0.00	36.35 -2.28 0.00
OXY_CHEM_DSASP 323612	33.00 -2.11 0.00	30.88 -2.47 0.00	28.75 -2.30 0.00	28.48 -2.41 0.00	29.19 -2.40 0.00	31.01 -1.77 0.00	33.77 -3.14 0.00	39.44 -3.15 0.00	38.21 -4.14 -0.08	39.25 -5.25 0.00	41.28 -4.95 -0.38	43.22 -5.12 -0.49	44.64 -4.86 -0.37	47.79 -5.43 0.00	48.76 -5.60 0.00	47.88 -5.25 -0.59	50.99 -5.74 -0.41	51.03 -5.78 -0.14	45.76 -5.42 -0.02	43.88 -5.15 0.00	42.81 -4.92 -0.91	42.50 -3.65 0.00	39.20 -1.55 0.00	36.04 -2.59 0.00
PEEKSKILL___ 23653	36.89 1.79 0.00	34.65 1.30 0.00	32.01 0.96 0.00	31.81 0.93 0.00	32.50 0.92 0.00	34.06 1.28 0.00	39.20 2.29 0.00	45.92 3.32 0.00	46.67 3.68 -0.72	48.55 3.92 -0.14	53.08 4.31 -2.93	56.22 4.69 -3.69	57.09 5.06 -2.89	58.97 5.54 -0.21	60.42 5.82 -0.25	62.80 5.73 -4.53	65.86 6.08 -3.47	63.77 6.01 -1.09	56.80 5.47 -0.17	54.18 5.15 0.00	58.64 4.73 -7.10	50.76 4.61 0.00	44.09 3.34 0.00	41.22 2.59 0.00
PGE MADISON___WINDPWR 24146	37.28 2.18 0.00	35.22 1.87 0.00	32.42 1.37 0.00	32.28 1.39 0.00	33.04 1.45 0.00	34.36 1.57 0.00	38.90 1.99 0.00	45.70 3.11 0.00	49.50 6.97 -0.26	52.73 8.23 0.00	55.66 8.71 -1.11	58.55 9.28 -1.43	59.19 8.99 -1.06	63.02 9.79 0.00	64.04 9.68 0.00	63.34 9.09 -1.71	67.78 10.19 -1.27	61.42 4.42 -0.33	55.35 4.14 -0.05	52.95 3.92 0.00	53.20 4.21 -2.16	49.61 3.46 0.00	43.52 2.77 0.00	40.29 1.66 0.00
PIERCEFIELD___HYD 23852	34.96 -0.14 0.00	33.42 0.07 0.00	31.11 0.06 0.00	30.98 0.09 0.00	31.74 0.16 0.00	32.62 -0.16 0.00	36.54 -0.37 0.00	41.91 -0.68 0.00	41.30 -0.97 0.00	43.70 -0.80 0.00	44.29 -1.56 0.00	45.74 -2.10 0.00	46.09 -2.56 0.49	50.45 -2.77 0.01	47.98 -2.83 3.55	49.63 -2.84 0.08	52.94 -3.38 0.00	53.33 -3.34 0.00	49.16 -2.00 0.00	47.41 -1.62 0.00	45.69 -1.12 0.00	44.86 -1.29 0.00	39.81 -0.94 0.00	38.05 -0.58 0.00



PINELAWN_CC_1 323563	37.38 2.28 0.00	35.19 1.83 0.00	31.92 0.87 0.00	31.72 0.83 0.01	32.41 0.82 0.00	34.03 1.25 0.00	39.12 2.21 0.00	46.42 3.83 0.00	48.14 5.16 -0.71	50.28 5.65 -0.13	54.92 6.10 -2.98	58.18 6.60 -3.73	59.14 7.03 -2.98	62.04 7.88 -0.94	62.85 8.15 -0.34	66.41 7.88 -5.98	68.41 8.50 -3.59	66.15 8.39 -1.10	58.80 7.47 -0.17	56.15 7.11 -0.01	60.63 6.65 -7.16	55.52 6.41 -2.95	49.13 5.05 -3.32	43.51 4.13 -0.75
PJM_GEN_KEystone 24065	33.14 -1.97 0.00	31.82 -1.53 0.00	30.90 -0.16 0.00	30.70 -0.19 0.00	31.37 -0.22 0.00	33.01 0.23 0.00	32.44 -4.47 0.00	37.95 -4.64 0.00	38.62 -4.40 -0.75	46.15 1.02 -0.63	49.55 1.24 -2.47	52.12 1.48 -2.80	52.51 0.59 -2.78	56.05 1.86 -0.96	57.66 2.17 -1.13	49.17 -7.25 -3.88	50.27 -9.29 -3.25	49.60 -7.88 -0.80	53.28 2.00 -0.12	50.89 1.86 0.00	53.43 1.59 -5.02	48.04 1.89 0.00	42.18 1.43 0.00	39.44 0.81 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.96 1.86 0.00	34.72 1.37 0.00	31.58 0.53 0.00	31.37 0.49 0.01	32.06 0.47 0.00	33.63 0.85 0.00	38.71 1.81 0.00	45.87 3.28 0.01	47.47 4.57 -0.64	49.43 4.98 0.05	53.99 5.32 -2.83	57.25 5.74 -3.66	57.97 6.14 -2.69	60.91 6.76 -0.93	61.39 7.07 0.04	65.29 6.78 -5.97	66.90 7.32 -3.26	65.07 7.31 -1.08	57.83 6.50 -0.17	55.25 6.23 0.00	59.68 5.71 -7.15	54.58 5.49 -2.94	43.15 4.36 1.96	41.58 3.59 0.64
PJM_GEN_VFT_PROXY 323633	37.14 2.04 0.00	34.82 1.47 0.00	32.11 1.06 0.00	31.91 1.02 0.00	32.60 1.01 0.00	34.29 1.51 0.00	39.53 2.62 0.00	46.38 3.79 0.00	49.05 4.18 -2.59	50.00 4.41 -1.09	54.39 4.81 -3.73	58.15 5.21 -5.10	62.12 5.55 -7.43	65.00 6.01 -5.76	68.00 6.31 -7.33	68.00 6.15 -9.31	72.55 6.53 -9.70	63.12 6.46 0.01	55.00 5.93 2.09	51.96 5.59 2.66	56.23 5.10 -4.31	50.00 5.17 1.32	44.46 3.71 0.00	41.49 2.86 0.00
PLEASANTVLY___LBMP 24000	36.86 1.76 0.00	34.65 1.30 0.00	32.01 0.96 0.00	31.85 0.96 0.00	32.53 0.95 0.00	34.06 1.28 0.00	39.12 2.21 0.00	45.75 3.15 0.00	46.46 3.51 -0.68	48.24 3.74 0.00	52.87 4.08 -2.94	56.04 4.40 -3.80	56.62 4.67 -2.82	58.33 5.11 0.00	59.69 5.33 0.00	62.29 5.20 -4.54	65.29 5.58 -3.40	63.30 5.50 -1.13	56.30 4.96 -0.18	53.74 4.71 0.00	58.57 4.35 -7.40	50.44 4.29 0.00	43.89 3.14 0.00	41.14 2.51 0.00
POLETTI____ 23519	37.28 2.18 0.00	34.95 1.60 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.51 3.92 0.00	49.20 4.27 -2.66	53.51 4.58 -4.43	56.91 4.95 -6.11	58.39 5.41 -5.15	63.74 5.80 -8.81	66.26 6.28 -6.76	68.94 6.63 -7.95	68.92 6.46 -9.91	73.10 6.87 -9.91	64.78 6.74 -1.37	57.49 6.14 -0.19	54.87 5.83 -0.01	59.31 5.34 -7.15	51.46 5.31 -0.01	44.66 3.91 0.00	41.68 3.05 0.00
PORT_JEFF_3 23555	37.42 2.32 0.00	35.22 1.87 0.00	31.86 0.81 0.00	31.62 0.74 0.01	32.34 0.76 0.00	33.99 1.21 0.00	38.83 1.92 0.00	46.12 3.54 0.01	47.69 4.69 -0.73	49.95 5.30 -0.15	54.60 5.78 -2.98	57.84 6.27 -3.73	58.90 6.78 -2.98	61.56 7.40 -0.94	62.31 7.61 -0.34	65.83 7.30 -5.98	67.85 7.94 -3.59	65.59 7.82 -1.10	58.64 7.32 -0.17	56.00 6.96 -0.01	60.54 6.55 -7.16	55.38 6.28 -2.95	47.67 4.97 -1.95	42.93 3.86 -0.43
PORT_JEFF_4 23616	37.42 2.32 0.00	35.22 1.87 0.00	31.86 0.81 0.00	31.62 0.74 0.01	32.34 0.76 0.00	33.99 1.21 0.00	38.83 1.92 0.00	46.12 3.54 0.01	47.69 4.69 -0.73	49.95 5.30 -0.15	54.60 5.78 -2.98	57.84 6.27 -3.73	58.90 6.78 -2.98	61.56 7.40 -0.94	62.31 7.61 -0.34	65.83 7.30 -5.98	67.85 7.94 -3.59	65.59 7.82 -1.10	58.64 7.32 -0.17	56.00 6.96 -0.01	60.54 6.55 -7.16	55.38 6.28 -2.95	47.67 4.97 -1.95	42.93 3.86 -0.43
PORT_JEFF_IC 23713	37.52 2.42 0.00	35.35 2.00 0.00	31.95 0.90 0.00	31.75 0.86 0.01	32.44 0.85 0.00	34.13 1.34 0.00	39.01 2.10 0.00	46.34 3.75 0.01	47.90 4.90 -0.73	50.17 5.52 -0.15	54.83 6.01 -2.98	58.08 6.51 -3.73	59.14 7.03 -2.98	61.72 7.56 -0.94	62.47 7.77 -0.34	65.99 7.46 -5.98	68.02 8.11 -3.59	65.76 7.99 -1.10	58.95 7.62 -0.17	56.29 7.26 -0.01	60.86 6.88 -7.16	55.66 6.55 -2.95	47.90 5.18 -1.97	43.09 4.02 -0.44
PPL PILGRIM_ST_GT1 24216	37.49 2.39 0.00	35.32 1.97 0.00	31.98 0.93 0.00	31.78 0.90 0.01	32.47 0.88 0.00	34.16 1.38 0.00	39.16 2.25 0.00	46.51 3.92 0.00	48.24 5.24 -0.72	50.48 5.83 -0.15	55.11 6.28 -2.98	58.08 6.51 -3.73	59.09 6.98 -2.98	61.93 7.77 -0.94	62.80 8.10 -0.34	66.25 7.72 -5.98	68.30 8.39 -3.59	66.04 8.27 -1.10	58.75 7.42 -0.17	56.15 7.11 -0.01	60.58 6.60 -7.16	55.52 6.41 -2.95	48.09 5.22 -2.12	43.24 4.13 -0.47
PPL PILGRIM_ST_GT2 24217	37.49 2.39 0.00	35.32 1.97 0.00	31.98 0.93 0.00	31.78 0.90 0.01	32.47 0.88 0.00	34.16 1.38 0.00	39.16 2.25 0.00	46.51 3.92 0.00	48.24 5.24 -0.72	50.48 5.83 -0.15	55.11 6.28 -2.98	58.08 6.51 -3.73	59.09 6.98 -2.98	61.93 7.77 -0.94	62.80 8.10 -0.34	66.25 7.72 -5.98	68.30 8.39 -3.59	66.04 8.27 -1.10	58.75 7.42 -0.17	56.15 7.11 -0.01	60.58 6.60 -7.16	55.52 6.41 -2.95	48.09 5.22 -2.12	43.24 4.13 -0.47
PPL_SHRM_GT3 24213	37.35 2.25 0.00	35.25 1.90 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	34.03 1.25 0.00	38.35 1.44 0.00	45.57 2.98 0.01	47.27 4.27 -0.73	49.55 4.90 -0.15	54.24 5.41 -2.98	57.41 5.84 -3.73	58.50 6.39 -2.98	61.34 7.19 -0.94	62.09 7.39 -0.34	65.62 7.09 -5.98	67.63 7.72 -3.59	65.30 7.54 -1.10	58.29 6.96 -0.17	55.71 6.67 -0.01	60.25 6.27 -7.16	55.06 5.95 -2.95	47.19 4.48 -1.96	42.39 3.32 -0.44
PPL_SHRM_GT4 24214	37.35 2.25 0.00	35.25 1.90 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	34.03 1.25 0.00	38.35 1.44 0.00	45.57 2.98 0.01	47.27 4.27 -0.73	49.55 4.90 -0.15	54.24 5.41 -2.98	57.41 5.84 -3.73	58.50 6.39 -2.98	61.34 7.19 -0.94	62.09 7.39 -0.34	65.62 7.09 -5.98	67.63 7.72 -3.59	65.30 7.54 -1.10	58.29 6.96 -0.17	55.71 6.67 -0.01	60.25 6.27 -7.16	55.06 5.95 -2.95	47.19 4.48 -1.96	42.39 3.32 -0.44
PROJECT___ORANGE 1 24174	34.79 -0.32 0.00	32.88 -0.47 0.00	30.55 -0.50 0.00	30.39 -0.49 0.00	31.11 -0.47 0.00	32.49 -0.30 0.00	36.61 -0.30 0.00	42.55 -0.04 0.00	42.32 0.00 -0.05	44.23 -0.27 0.00	45.92 -0.14 -0.21	48.06 -0.05 -0.27	49.34 0.00 -0.20	53.28 0.05 0.00	54.36 0.00 0.00	52.87 0.00 -0.32	56.44 -0.11 -0.24	56.64 -0.11 -0.08	50.97 -0.20 -0.01	48.83 -0.20 0.00	47.16 -0.19 -0.53	46.06 -0.09 0.00	40.83 0.08 0.00	38.36 -0.27 0.00
PROJECT___ORANGE 2 24166	34.79 -0.32 0.00	32.88 -0.47 0.00	30.55 -0.50 0.00	30.39 -0.49 0.00	31.11 -0.47 0.00	32.49 -0.30 0.00	36.61 -0.30 0.00	42.55 -0.04 0.00	42.32 0.00 -0.05	44.23 -0.27 0.00	45.92 -0.14 -0.21	48.06 -0.05 -0.27	49.34 0.00 -0.20	53.28 0.05 0.00	54.36 0.00 0.00	52.87 0.00 -0.32	56.44 -0.11 -0.24	56.64 -0.11 -0.08	50.97 -0.20 -0.01	48.83 -0.20 0.00	47.16 -0.19 -0.53	46.06 -0.09 0.00	40.83 0.08 0.00	38.36 -0.27 0.00
PYRITES___HYD 24023	34.96 -0.14 0.00	33.45 0.10 0.00	31.14 0.09 0.00	31.01 0.12 0.00	31.78 0.19 0.00	32.65 -0.13 0.00	36.61 -0.30 0.00	42.00 -0.60 0.00	41.43 -0.85 0.00	43.97 -0.53 0.00	44.61 -1.24 0.00	46.07 -1.77 0.00	46.37 -2.26 0.50	50.77 -2.45 0.01	48.10 -2.61 3.65	49.89 -2.57 0.08	53.33 -2.98 0.00	53.72 -2.95 0.00	49.37 -1.79 0.00	47.61 -1.42 0.00	45.84 -0.98 0.00	44.95 -1.20 0.00	39.85 -0.90 0.00	38.05 -0.58 0.00



RAMAPO____LBMP 323565	36.89 1.79 0.00	34.65 1.30 0.00	32.01 0.96 0.00	31.81 0.93 0.00	32.50 0.92 0.00	34.09 1.31 0.00	39.16 2.25 0.00	45.87 3.28 0.00	46.60 3.64 -0.69	48.48 3.87 -0.11	52.86 4.17 -2.84	56.03 4.59 -3.60	56.89 4.96 -2.79	58.76 5.38 -0.17	60.32 5.76 -0.20	62.56 5.62 -4.40	65.69 6.03 -3.35	63.69 5.95 -1.06	56.65 5.32 -0.17	54.08 5.05 0.00	58.39 4.64 -6.94	50.72 4.57 0.00	44.01 3.26 0.00	41.18 2.55 0.00
RANKINE____ 23646	33.10 -2.00 0.00	30.98 -2.37 0.00	28.82 -2.24 0.00	28.54 -2.35 0.00	29.25 -2.34 0.00	31.14 -1.64 0.00	34.10 -2.81 0.00	39.87 -2.73 0.00	38.73 -3.64 -0.09	39.87 -4.63 0.00	41.85 -4.40 -0.41	43.78 -4.59 -0.53	45.15 -4.37 -0.39	48.27 -4.95 0.00	49.36 -5.00 0.00	48.40 -4.78 -0.63	51.58 -5.18 -0.44	51.55 -5.27 -0.15	46.22 -4.96 -0.02	44.32 -4.71 0.00	43.35 -4.45 -0.98	42.83 -3.32 0.00	39.41 -1.34 0.00	36.20 -2.43 0.00
RAVENSWOOD_GT2_1 24244	37.28 2.18 0.00	34.95 1.60 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	49.60 4.23 -3.10	54.46 4.54 -5.42	57.59 4.91 -6.84	58.67 5.36 -5.47	65.05 5.75 -10.17	67.71 6.23 -8.26	70.66 6.58 -9.72	70.10 6.41 -11.14	74.52 6.81 -11.39	64.84 6.74 -1.43	57.44 6.09 -0.19	54.82 5.79 -0.01	59.26 5.29 -7.15	51.42 5.26 -0.01	44.62 3.87 0.00	41.68 3.05 0.00
RAVENSWOOD_GT2_2 24245	37.28 2.18 0.00	34.95 1.60 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	49.60 4.23 -3.10	54.46 4.54 -5.42	57.59 4.91 -6.84	58.67 5.36 -5.47	65.05 5.75 -10.17	67.71 6.23 -8.26	70.66 6.58 -9.72	70.10 6.41 -11.14	74.52 6.81 -11.39	64.84 6.74 -1.43	57.44 6.09 -0.19	54.82 5.79 -0.01	59.26 5.29 -7.15	51.42 5.26 -0.01	44.62 3.87 0.00	41.68 3.05 0.00
RAVENSWOOD_GT2_3 24246	37.31 2.21 0.00	34.99 1.63 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.76 1.17 0.00	34.39 1.61 0.00	39.64 2.73 0.00	46.51 3.92 0.00	49.65 4.27 -3.10	54.50 4.58 -5.42	57.64 4.95 -6.84	58.72 5.41 -5.47	65.10 5.80 -10.17	67.77 6.28 -8.26	70.66 6.58 -9.72	70.15 6.46 -11.14	74.58 6.87 -11.39	64.90 6.80 -1.43	57.49 6.14 -0.19	54.87 5.83 -0.01	59.31 5.34 -7.15	51.46 5.31 -0.01	44.66 3.91 0.00	41.72 3.09 0.00
RAVENSWOOD_GT2_4 24247	37.31 2.21 0.00	34.99 1.63 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.76 1.17 0.00	34.39 1.61 0.00	39.64 2.73 0.00	46.51 3.92 0.00	49.65 4.27 -3.10	54.50 4.58 -5.42	57.64 4.95 -6.84	58.72 5.41 -5.47	65.10 5.80 -10.17	67.77 6.28 -8.26	70.66 6.58 -9.72	70.15 6.46 -11.14	74.58 6.87 -11.39	64.90 6.80 -1.43	57.49 6.14 -0.19	54.87 5.83 -0.01	59.31 5.34 -7.15	51.46 5.31 -0.01	44.66 3.91 0.00	41.72 3.09 0.00
RAVENSWOOD_GT3_1 24248	37.28 2.18 0.00	34.95 1.60 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	49.60 4.23 -3.10	54.46 4.54 -5.42	57.64 4.95 -6.84	58.67 5.36 -5.47	65.05 5.75 -10.17	67.71 6.23 -8.26	70.66 6.58 -9.72	70.10 6.41 -11.14	74.52 6.81 -11.39	64.84 6.74 -1.43	57.44 6.09 -0.19	54.82 5.79 -0.01	59.26 5.29 -7.15	51.42 5.26 -0.01	44.62 3.87 0.00	41.68 3.05 0.00
RAVENSWOOD_GT3_2 24249	37.28 2.18 0.00	34.95 1.60 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	49.60 4.23 -3.10	54.46 4.54 -5.42	57.64 4.95 -6.84	58.67 5.36 -5.47	65.05 5.75 -10.17	67.71 6.23 -8.26	70.66 6.58 -9.72	70.10 6.41 -11.14	74.52 6.81 -11.39	64.84 6.74 -1.43	57.44 6.09 -0.19	54.82 5.79 -0.01	59.26 5.29 -7.15	51.42 5.26 -0.01	44.62 3.87 0.00	41.68 3.05 0.00
RAVENSWOOD_GT3_3 24250	37.31 2.21 0.00	34.99 1.63 0.00	32.29 1.24 0.00	32.09 1.20 0.00	32.76 1.17 0.00	34.39 1.61 0.00	39.64 2.73 0.00	46.51 3.92 0.00	49.69 4.31 -3.10	54.50 4.58 -5.42	57.68 5.00 -6.84	58.77 5.45 -5.47	65.10 5.80 -10.17	67.82 6.33 -8.26	70.71 6.63 -9.72	70.15 6.46 -11.14	74.64 6.93 -11.39	64.90 6.80 -1.43	57.54 6.19 -0.19	54.87 5.83 -0.01	59.31 5.34 -7.15	51.46 5.31 -0.01	44.66 3.91 0.00	41.72 3.09 0.00
RAVENSWOOD_GT3_4 24251	37.31 2.21 0.00	34.99 1.63 0.00	32.29 1.24 0.00	32.09 1.20 0.00	32.76 1.17 0.00	34.39 1.61 0.00	39.64 2.73 0.00	46.51 3.92 0.00	49.69 4.31 -3.10	54.50 4.58 -5.42	57.68 5.00 -6.84	58.77 5.45 -5.47	65.10 5.80 -10.17	67.82 6.33 -8.26	70.71 6.63 -9.72	70.15 6.46 -11.14	74.64 6.93 -11.39	64.90 6.80 -1.43	57.54 6.19 -0.19	54.87 5.83 -0.01	59.31 5.34 -7.15	51.46 5.31 -0.01	44.66 3.91 0.00	41.72 3.09 0.00
RAVENSWOOD_GT_1 23729	37.46 2.35 -0.01	35.13 1.77 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.45 1.67 0.00	39.71 2.81 0.00	46.68 4.09 0.00	49.77 4.40 -3.10	59.13 4.72 -9.91	60.94 5.04 -10.05	58.77 5.45 -5.47	66.82 5.85 -11.84	68.97 6.39 -9.36	71.27 6.69 -10.22	70.80 6.52 -11.74	74.69 6.98 -11.39	66.94 6.91 -3.36	60.81 6.24 -3.41	58.68 5.88 -3.77	63.31 5.34 -11.15	53.42 5.40 -1.87	44.84 4.08 -0.01	41.88 3.24 -0.01
RAVENSWOOD_GT_10 24258	37.28 2.18 0.00	34.95 1.60 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	49.60 4.23 -3.10	54.97 4.54 -5.93	58.01 4.95 -7.21	58.67 5.36 -5.47	65.25 5.75 -10.36	67.89 6.28 -8.39	70.72 6.58 -9.78	70.17 6.41 -11.21	74.52 6.81 -11.39	65.07 6.74 -1.65	57.81 6.09 -0.56	55.26 5.79 -0.44	59.72 5.29 -7.61	51.63 5.26 -0.22	44.62 3.87 0.00	41.68 3.05 0.00
RAVENSWOOD_GT_11 24259	37.28 2.18 0.00	34.95 1.60 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	49.60 4.23 -3.10	54.97 4.54 -5.93	58.01 4.95 -7.21	58.67 5.36 -5.47	65.25 5.75 -10.36	67.89 6.28 -8.39	70.72 6.58 -9.78	70.17 6.41 -11.21	74.52 6.81 -11.39	65.07 6.74 -1.65	57.81 6.09 -0.56	55.26 5.79 -0.44	59.72 5.29 -7.61	51.63 5.26 -0.22	44.62 3.87 0.00	41.68 3.05 0.00
RAVENSWOOD_GT_4 24252	37.24 2.14 0.00	34.91 1.57 0.00	32.23 1.18 0.00	32.03 1.14 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.57 2.66 0.00	46.43 3.83 0.00	49.60 4.23 -3.10	57.84 4.49 -8.84	60.03 4.91 -9.28	58.67 5.36 -5.47	66.32 5.75 -11.44	68.60 6.28 -9.10	71.04 6.58 -10.10	70.55 6.41 -11.60	74.52 6.81 -11.39	66.31 6.74 -2.90	59.89 6.09 -2.64	57.68 5.79 -2.87	62.31 5.29 -10.20	52.79 5.21 -1.43	44.58 3.83 0.00	41.64 3.01 0.00
RAVENSWOOD_GT_5 24254	37.24 2.14 0.00	34.91 1.57 0.00	32.23 1.18 0.00	32.03 1.14 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.57 2.66 0.00	46.43 3.83 0.00	49.60 4.23 -3.10	57.84 4.49 -8.84	60.03 4.91 -9.28	58.67 5.36 -5.47	66.32 5.75 -11.44	68.60 6.28 -9.10	71.04 6.58 -10.10	70.55 6.41 -11.60	74.52 6.81 -11.39	66.31 6.74 -2.90	59.89 6.09 -2.64	57.68 5.79 -2.87	62.31 5.29 -10.20	52.79 5.21 -1.43	44.58 3.83 0.00	41.64 3.01 0.00
RAVENSWOOD_GT_6 24253	37.24 2.14 0.00	34.91 1.57 0.00	32.23 1.18 0.00	32.03 1.14 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.57 2.66 0.00	46.43 3.83 0.00	49.60 4.23 -3.10	57.84 4.49 -8.84	60.03 4.91 -9.28	58.67 5.36 -5.47	66.32 5.75 -11.44	68.60 6.28 -9.10	71.04 6.58 -10.10	70.55 6.41 -11.60	74.52 6.81 -11.39	66.31 6.74 -2.90	59.89 6.09 -2.64	57.68 5.79 -2.87	62.31 5.29 -10.20	52.79 5.21 -1.43	44.58 3.83 0.00	41.64 3.01 0.00



RAVENSWOOD_GT_7 24255	37.24 2.14 0.00	34.91 1.57 0.00	32.23 1.18 0.00	32.03 1.14 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.57 2.66 0.00	46.43 3.83 0.00	49.60 4.23 -3.10	57.84 4.49 -8.84	60.03 4.91 -9.28	58.67 5.36 -5.47	66.32 5.75 -11.44	68.60 6.28 -9.10	71.04 6.58 -10.10	70.55 6.41 -11.60	74.52 6.81 -11.39	66.31 6.74 -2.90	59.89 6.09 -2.64	57.68 5.79 -2.87	62.31 5.29 -10.20	52.79 5.21 -1.43	44.58 3.83 0.00	41.64 3.01 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.28 2.18 0.00	34.95 1.60 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	49.60 4.23 -3.10	54.97 4.54 -5.93	58.01 4.95 -7.21	58.67 5.36 -5.47	65.25 5.75 -10.36	67.89 6.28 -8.39	70.72 6.58 -9.78	70.17 6.41 -11.21	74.52 6.81 -11.39	65.07 6.74 -1.65	57.81 6.09 -0.56	55.26 5.79 -0.44	59.72 5.29 -7.61	51.63 5.26 -0.22	44.62 3.87 0.00	41.68 3.05 0.00
RAVENSWOOD_GT_9 24257	37.28 2.18 0.00	34.95 1.60 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.72 1.14 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	49.60 4.23 -3.10	54.97 4.54 -5.93	58.01 4.95 -7.21	58.67 5.36 -5.47	65.25 5.75 -10.36	67.89 6.28 -8.39	70.72 6.58 -9.78	70.17 6.41 -11.21	74.52 6.81 -11.39	65.07 6.74 -1.65	57.81 6.09 -0.56	55.26 5.79 -0.44	59.72 5.29 -7.61	51.63 5.26 -0.22	44.62 3.87 0.00	41.68 3.05 0.00
RAVENSWOOD___1 23533	37.43 2.32 -0.01	35.13 1.77 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.45 1.67 0.00	39.71 2.81 0.00	46.68 4.09 0.00	49.77 4.40 -3.10	54.59 4.67 -5.42	57.73 5.04 -6.84	58.77 5.45 -5.47	65.10 5.80 -10.17	67.82 6.33 -8.26	70.71 6.63 -9.72	70.20 6.52 -11.14	74.64 6.93 -11.39	64.96 6.86 -1.43	57.54 6.19 -0.19	54.92 5.88 -0.01	59.31 5.34 -7.15	51.56 5.40 -0.01	44.83 4.08 -0.01	41.84 3.21 -0.01
RAVENSWOOD___2 23534	37.43 2.32 -0.01	35.13 1.77 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.60 4.00 0.00	49.69 4.31 -3.10	54.50 4.58 -5.42	57.50 4.81 -6.84	58.48 5.17 -5.47	64.76 5.45 -10.17	67.39 5.91 -8.26	70.28 6.20 -9.72	69.78 6.10 -11.14	74.19 6.48 -11.39	64.56 6.46 -1.43	57.29 5.93 -0.19	54.77 5.74 -0.01	59.03 5.06 -7.15	51.46 5.31 -0.01	44.75 3.99 -0.01	41.77 3.13 -0.01
RAVENSWOOD___3 23535	37.28 2.18 0.00	34.95 1.60 0.00	32.26 1.21 0.00	32.06 1.17 0.00	32.76 1.17 0.00	34.36 1.57 0.00	39.60 2.69 0.00	46.47 3.88 0.00	49.60 4.23 -3.10	54.46 4.54 -5.42	57.64 4.95 -6.84	58.67 5.36 -5.47	65.05 5.75 -10.17	67.77 6.28 -8.26	70.66 6.58 -9.72	70.10 6.41 -11.14	74.52 6.81 -11.39	64.84 6.74 -1.43	57.44 6.09 -0.19	54.82 5.79 -0.01	59.26 5.29 -7.15	51.42 5.26 -0.01	44.62 3.87 0.00	41.68 3.05 0.00
RAVENSWOOD___4 23820	37.42 2.32 -0.01	35.09 1.73 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.64 4.05 0.00	49.77 4.40 -3.10	50.16 4.67 -0.99	54.53 5.00 -3.68	58.77 5.45 -5.47	63.41 5.75 -8.53	66.75 6.33 -7.19	70.16 6.58 -9.23	69.56 6.46 -10.55	74.64 6.93 -11.39	63.06 6.86 0.47	54.38 6.19 2.97	51.22 5.88 3.69	55.32 5.29 -3.21	49.72 5.40 1.83	44.79 4.03 -0.01	41.84 3.21 -0.01
RCPL_TRUST___DRP 24196	37.31 2.21 0.00	34.99 1.63 0.00	32.29 1.24 0.00	32.09 1.20 0.00	32.76 1.17 0.00	34.42 1.64 0.00	39.64 2.73 0.00	46.55 3.96 0.00	48.76 4.31 -2.17	52.48 4.63 -3.35	56.21 5.04 -5.32	58.13 5.50 -4.79	62.32 5.85 -7.33	64.73 6.39 -5.12	67.07 6.69 -6.02	67.63 6.52 -8.57	71.60 6.98 -8.30	64.83 6.86 -1.30	57.53 6.19 -0.19	54.92 5.88 0.00	59.35 5.38 -7.15	51.46 5.31 0.00	44.66 3.91 0.00	41.72 3.09 0.00
RENSSELAER___COGEN 23796	36.51 1.40 0.00	34.45 1.10 0.00	31.98 0.93 0.00	31.85 0.96 0.00	32.50 0.92 0.00	33.93 1.15 0.00	38.64 1.73 0.00	44.43 1.83 0.00	45.18 2.07 -0.84	46.73 2.23 0.00	51.91 2.48 -3.59	55.02 2.54 -4.64	55.20 2.60 -3.46	56.10 2.87 0.00	57.38 2.88 -0.14	60.93 2.84 -5.55	63.51 3.04 -4.15	61.05 3.00 -1.38	54.09 2.71 -0.22	51.68 2.65 0.00	58.34 2.48 -9.04	48.78 2.63 0.00	42.46 1.71 0.00	40.17 1.55 0.00
REVERE_CPPR_DRP 24186	36.47 1.37 0.00	34.49 1.13 0.00	31.89 0.84 0.00	31.75 0.86 0.00	32.50 0.92 0.00	33.73 0.95 0.00	38.16 1.25 0.00	44.60 2.00 0.00	44.39 2.11 0.00	46.95 2.45 0.00	48.46 2.61 0.00	50.61 2.77 0.00	51.84 2.70 0.00	56.20 2.98 0.00	57.08 2.72 0.00	55.01 2.47 0.00	59.08 2.76 0.00	59.22 2.55 0.00	53.61 2.46 0.00	51.33 2.30 0.00	49.39 2.58 0.00	48.27 2.12 0.00	42.54 1.79 0.00	39.79 1.16 0.00
RIVERBAY___ 323610	37.46 2.35 -0.01	35.16 1.80 -0.01	32.39 1.34 0.00	32.15 1.27 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.64 2.73 0.00	46.46 3.88 0.01	47.24 4.23 -0.74	49.18 4.49 -0.19	53.68 4.86 -2.98	56.83 5.26 -3.73	57.72 5.60 -2.98	59.65 6.12 -0.30	61.11 6.41 -0.34	63.48 6.31 -4.63	66.58 6.70 -3.57	64.40 6.63 -1.09	57.27 5.93 -0.18	54.67 5.64 -0.01	59.17 5.20 -7.15	51.46 5.31 -0.01	44.67 3.91 -0.01	41.73 3.09 -0.01
ROCHESTER_9_IC 23652	34.29 -0.81 0.00	32.18 -1.17 0.00	29.96 -1.09 0.00	29.75 -1.14 0.00	30.48 -1.11 0.00	32.16 -0.62 0.00	35.73 -1.18 0.00	41.74 -0.85 0.00	41.20 -1.14 -0.07	43.03 -1.47 0.00	44.95 -1.19 -0.30	46.98 -1.24 -0.38	48.44 -0.98 -0.28	52.21 -1.01 0.00	53.27 -1.09 0.00	52.00 -1.00 -0.46	55.31 -1.35 -0.34	55.48 -1.30 -0.12	49.74 -1.43 -0.02	47.61 -1.42 0.00	46.17 -1.40 -0.75	45.27 -0.88 0.00	40.79 0.04 0.00	37.78 -0.85 0.00
ROSETON___1 23587	36.82 1.72 0.00	34.59 1.23 0.00	32.01 0.96 0.00	31.81 0.93 0.00	32.50 0.92 0.00	34.03 1.25 0.00	39.05 2.14 0.00	45.66 3.07 0.00	46.31 3.38 -0.66	48.11 3.60 0.00	52.57 3.90 -2.83	55.71 4.21 -3.66	56.36 4.52 -2.71	58.12 4.90 0.00	59.52 5.16 0.00	61.96 5.04 -4.37	64.99 5.41 -3.27	63.08 5.33 -1.08	56.14 4.81 -0.17	53.59 4.56 0.00	58.15 4.21 -7.11	50.30 4.15 0.00	43.81 3.06 0.00	41.06 2.43 0.00
ROSETON___2 23588	36.82 1.72 0.00	34.59 1.23 0.00	32.01 0.96 0.00	31.81 0.93 0.00	32.50 0.92 0.00	34.03 1.25 0.00	39.05 2.14 0.00	45.66 3.07 0.00	46.31 3.38 -0.66	48.11 3.60 0.00	52.57 3.90 -2.83	55.71 4.21 -3.66	56.36 4.52 -2.71	58.12 4.90 0.00	59.52 5.16 0.00	61.96 5.04 -4.37	64.99 5.41 -3.27	63.08 5.33 -1.08	56.14 4.81 -0.17	53.59 4.56 0.00	58.15 4.21 -7.11	50.30 4.15 0.00	43.81 3.06 0.00	41.06 2.43 0.00
RUSSELL___1 23602	34.86 -0.25 0.00	32.65 -0.70 0.00	30.40 -0.65 0.00	30.24 -0.65 0.00	31.02 -0.57 0.00	32.72 -0.07 0.00	36.43 -0.48 0.00	42.68 0.09 0.00	42.26 -0.08 -0.07	44.23 -0.27 0.00	46.23 0.09 -0.29	48.41 0.19 -0.38	49.96 0.54 -0.28	53.91 0.69 0.00	55.01 0.65 0.00	53.58 0.58 -0.45	56.99 0.34 -0.34	57.29 0.51 -0.11	51.43 0.26 -0.02	49.18 0.15 0.00	47.57 0.00 -0.75	46.61 0.46 0.00	41.69 0.94 0.00	38.47 -0.15 0.00
RUSSELL___2 23532	34.86 -0.25 0.00	32.65 -0.70 0.00	30.40 -0.65 0.00	30.24 -0.65 0.00	31.02 -0.57 0.00	32.72 -0.07 0.00	36.43 -0.48 0.00	42.68 0.09 0.00	42.26 -0.08 -0.07	44.23 -0.27 0.00	46.23 0.09 -0.29	48.41 0.19 -0.38	49.96 0.54 -0.28	53.91 0.69 0.00	55.01 0.65 0.00	53.58 0.58 -0.45	56.99 0.34 -0.34	57.29 0.51 -0.11	51.43 0.26 -0.02	49.18 0.15 0.00	47.57 0.00 -0.75	46.61 0.46 0.00	41.69 0.94 0.00	38.47 -0.15 0.00



RUSSELL___3 23549	34.29 -0.81 0.00	32.18 -1.17 0.00	29.96 -1.09 0.00	29.75 -1.14 0.00	30.51 -1.07 0.00	32.16 -0.62 0.00	35.77 -1.14 0.00	41.83 -0.77 0.00	41.28 -1.06 -0.07	43.12 -1.38 0.00	45.09 -1.05 -0.30	47.17 -1.05 -0.38	48.63 -0.79 -0.28	52.42 -0.80 0.00	53.49 -0.87 0.00	52.16 -0.84 -0.46	55.48 -1.18 -0.34	55.71 -1.08 -0.12	50.00 -1.18 -0.02	47.85 -1.18 0.00	46.36 -1.22 -0.75	45.46 -0.69 0.00	40.87 0.12 0.00	37.82 -0.81 0.00
RUSSELL___4 23556	34.82 -0.28 0.00	32.65 -0.70 0.00	30.40 -0.65 0.00	30.21 -0.68 0.00	30.99 -0.60 0.00	32.68 -0.10 0.00	36.39 -0.52 0.00	42.64 0.04 0.00	42.26 -0.08 -0.07	44.19 -0.31 0.00	46.18 0.05 -0.29	48.36 0.14 -0.38	49.91 0.49 -0.28	53.86 0.64 0.00	54.96 0.60 0.00	53.52 0.53 -0.45	56.94 0.28 -0.34	57.24 0.45 -0.11	51.38 0.20 -0.02	49.13 0.10 0.00	47.52 -0.05 -0.75	46.56 0.42 0.00	41.65 0.90 0.00	38.47 -0.15 0.00
RUSSELL___STATION 23914	34.29 -0.81 0.00	32.18 -1.17 0.00	29.96 -1.09 0.00	29.75 -1.14 0.00	30.51 -1.07 0.00	32.16 -0.62 0.00	35.77 -1.14 0.00	41.83 -0.77 0.00	41.28 -1.06 -0.07	43.12 -1.38 0.00	45.09 -1.05 -0.30	47.17 -1.05 -0.38	48.63 -0.79 -0.28	52.42 -0.80 0.00	53.49 -0.87 0.00	52.16 -0.84 -0.46	55.48 -1.18 -0.34	55.71 -1.08 -0.12	50.00 -1.18 -0.02	47.85 -1.18 0.00	46.36 -1.22 -0.75	45.46 -0.69 0.00	40.87 0.12 0.00	37.82 -0.81 0.00
S SALMON___HYD 24043	35.28 0.18 0.00	33.35 0.00 0.00	30.93 -0.12 0.00	30.76 -0.12 0.00	31.49 -0.09 0.00	32.78 0.00 0.00	37.02 0.11 0.00	42.98 0.38 0.00	42.69 0.38 -0.04	44.99 0.49 0.00	46.57 0.55 -0.18	48.69 0.62 -0.23	49.81 0.54 -0.14	53.86 0.64 0.00	54.67 0.54 0.24	53.23 0.42 -0.27	56.79 0.28 -0.20	56.96 0.23 -0.07	51.47 0.31 -0.01	49.32 0.29 0.00	47.81 0.56 -0.43	46.52 0.37 0.00	41.24 0.49 0.00	38.67 0.04 0.00
SELKIRK___II 23799	36.26 1.16 0.00	34.22 0.87 0.00	31.80 0.75 0.00	31.66 0.77 0.00	32.31 0.73 0.00	33.70 0.92 0.00	38.35 1.44 0.00	44.08 1.49 0.00	44.76 1.65 -0.83	46.15 1.65 0.00	51.31 1.88 -3.59	54.44 1.96 -4.64	54.58 2.01 -3.43	55.46 2.24 0.00	56.64 2.28 0.00	60.29 2.21 -5.54	62.83 2.37 -4.14	60.43 2.38 -1.38	53.52 2.15 -0.22	51.09 2.06 0.00	57.76 1.92 -9.02	48.27 2.12 0.00	42.18 1.43 0.00	40.02 1.39 0.00
SELKIRK___I 23801	36.22 1.12 0.00	34.18 0.83 0.00	31.77 0.71 0.00	31.60 0.71 0.00	32.28 0.69 0.00	33.63 0.85 0.00	38.13 1.22 0.00	44.08 1.49 0.00	44.84 1.73 -0.83	46.28 1.78 0.00	51.43 2.02 -3.57	54.60 2.15 -4.61	54.81 2.26 -3.41	55.72 2.50 0.00	56.92 2.55 0.00	60.52 2.47 -5.51	63.08 2.65 -4.12	60.70 2.66 -1.37	53.78 2.40 -0.22	51.33 2.30 0.00	57.95 2.15 -8.97	48.41 2.26 0.00	42.30 1.55 0.00	39.98 1.35 0.00
SENECA OSWGO___HYD 24041	34.50 -0.60 0.00	32.65 -0.70 0.00	30.37 -0.68 0.00	30.18 -0.71 0.00	30.89 -0.69 0.00	32.23 -0.56 0.00	36.32 -0.59 0.00	42.13 -0.47 0.00	41.85 -0.46 -0.05	43.74 -0.76 0.00	45.27 -0.78 -0.20	47.34 -0.77 -0.26	48.64 -0.69 -0.19	52.48 -0.75 0.00	53.54 -0.82 0.00	52.07 -0.79 -0.31	55.65 -0.90 -0.23	55.79 -0.96 -0.08	50.25 -0.92 -0.01	48.24 -0.78 0.00	46.58 -0.75 -0.51	45.50 -0.65 0.00	40.43 -0.33 0.00	38.01 -0.62 0.00
SENECA___ENERGY 23797	34.29 -0.81 0.00	32.42 -0.93 0.00	30.15 -0.90 0.00	29.96 -0.93 0.00	30.67 -0.92 0.00	32.16 -0.62 0.00	35.91 -1.00 0.00	41.83 -0.77 0.00	41.46 -0.89 -0.07	43.30 -1.20 0.00	45.11 -1.05 -0.32	47.25 -1.00 -0.42	48.56 -0.88 -0.31	52.26 -0.96 0.00	53.38 -0.98 0.00	52.04 -1.00 -0.50	55.45 -1.24 -0.37	55.66 -1.13 -0.13	50.00 -1.18 -0.02	47.95 -1.08 0.00	46.62 -1.03 -0.83	45.32 -0.83 0.00	40.30 -0.45 0.00	37.59 -1.04 0.00
SHOEMAKER___GT 23640	36.86 1.76 0.00	34.69 1.33 0.00	32.11 1.06 0.00	31.94 1.05 0.00	32.63 1.04 0.00	34.16 1.38 0.00	39.12 2.21 0.00	45.62 3.02 0.00	46.22 3.34 -0.61	48.06 3.56 0.00	52.31 3.85 -2.62	55.43 4.21 -3.38	56.16 4.52 -2.50	58.12 4.90 0.00	59.63 5.27 0.00	61.78 5.20 -4.04	64.91 5.58 -3.02	63.23 5.55 -1.00	56.23 4.91 -0.16	53.69 4.66 0.00	57.65 4.26 -6.57	50.35 4.20 0.00	43.85 3.10 0.00	41.10 2.47 0.00
SHOREHAM_IC_1 23715	37.35 2.25 0.00	35.25 1.90 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	34.03 1.25 0.00	38.35 1.44 0.00	45.57 2.98 0.01	47.27 4.27 -0.73	49.55 4.90 -0.15	54.24 5.41 -2.98	57.41 5.84 -3.73	58.50 6.39 -2.98	61.34 7.19 -0.94	62.09 7.39 -0.34	65.62 7.09 -5.98	67.63 7.72 -3.59	65.30 7.54 -1.10	58.29 6.96 -0.17	55.71 6.67 -0.01	60.25 6.27 -7.16	55.06 5.95 -2.95	47.19 4.48 -1.96	42.39 3.32 -0.44
SHOREHAM_IC_2 23716	37.35 2.25 0.00	35.25 1.90 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	34.03 1.25 0.00	38.35 1.44 0.00	45.57 2.98 0.01	47.27 4.27 -0.73	49.55 4.90 -0.15	54.24 5.41 -2.98	57.41 5.84 -3.73	58.50 6.39 -2.98	61.34 7.19 -0.94	62.09 7.39 -0.34	65.62 7.09 -5.98	67.63 7.72 -3.59	65.30 7.54 -1.10	58.29 6.96 -0.17	55.71 6.67 -0.01	60.25 6.27 -7.16	55.06 5.95 -2.95	47.19 4.48 -1.96	42.39 3.32 -0.44
SISSONVILLE____ 23735	34.96 -0.14 0.00	33.42 0.07 0.00	31.11 0.06 0.00	30.98 0.09 0.00	31.74 0.16 0.00	32.62 -0.16 0.00	36.54 -0.37 0.00	41.91 -0.68 0.00	41.30 -0.97 0.00	43.70 -0.80 0.00	44.29 -1.56 0.00	45.74 -2.10 0.00	46.09 -2.56 0.49	50.45 -2.77 0.01	47.98 -2.83 3.55	49.63 -2.84 0.08	52.94 -3.38 0.00	53.33 -3.34 0.00	49.16 -2.00 0.00	47.41 -1.62 0.00	45.69 -1.12 0.00	44.86 -1.29 0.00	39.81 -0.94 0.00	38.05 -0.58 0.00
SITHE_IND_GS1 24169	34.15 -0.95 0.00	32.35 -1.00 0.00	30.09 -0.96 0.00	29.93 -0.96 0.00	30.61 -0.98 0.00	31.90 -0.89 0.00	35.91 -1.00 0.00	41.53 -1.06 0.00	41.21 -1.10 -0.04	43.03 -1.47 0.00	44.55 -1.47 -0.17	46.53 -1.53 -0.22	47.77 -1.52 -0.16	51.63 -1.60 0.00	52.67 -1.69 0.00	51.18 -1.63 -0.26	54.71 -1.80 -0.19	54.92 -1.81 -0.07	49.48 -1.69 -0.01	47.41 -1.62 0.00	45.70 -1.55 -0.43	44.72 -1.43 0.00	39.85 -0.90 0.00	37.62 -1.00 0.00
SITHE_IND_GS2 24170	34.15 -0.95 0.00	32.35 -1.00 0.00	30.09 -0.96 0.00	29.93 -0.96 0.00	30.61 -0.98 0.00	31.90 -0.89 0.00	35.91 -1.00 0.00	41.53 -1.06 0.00	41.21 -1.10 -0.04	43.03 -1.47 0.00	44.55 -1.47 -0.17	46.53 -1.53 -0.22	47.77 -1.52 -0.16	51.63 -1.60 0.00	52.67 -1.69 0.00	51.18 -1.63 -0.26	54.71 -1.80 -0.19	54.92 -1.81 -0.07	49.48 -1.69 -0.01	47.41 -1.62 0.00	45.70 -1.55 -0.43	44.72 -1.43 0.00	39.85 -0.90 0.00	37.62 -1.00 0.00
SITHE_IND_GS3 24171	34.15 -0.95 0.00	32.35 -1.00 0.00	30.09 -0.96 0.00	29.93 -0.96 0.00	30.61 -0.98 0.00	31.90 -0.89 0.00	35.91 -1.00 0.00	41.53 -1.06 0.00	41.21 -1.10 -0.04	43.03 -1.47 0.00	44.55 -1.47 -0.17	46.53 -1.53 -0.22	47.77 -1.52 -0.16	51.63 -1.60 0.00	52.67 -1.69 0.00	51.18 -1.63 -0.26	54.71 -1.80 -0.19	54.92 -1.81 -0.07	49.48 -1.69 -0.01	47.41 -1.62 0.00	45.70 -1.55 -0.43	44.72 -1.43 0.00	39.85 -0.90 0.00	37.62 -1.00 0.00
SITHE_IND_GS4 24172	34.15 -0.95 0.00	32.35 -1.00 0.00	30.09 -0.96 0.00	29.93 -0.96 0.00	30.61 -0.98 0.00	31.90 -0.89 0.00	35.91 -1.00 0.00	41.53 -1.06 0.00	41.21 -1.10 -0.04	43.03 -1.47 0.00	44.55 -1.47 -0.17	46.53 -1.53 -0.22	47.77 -1.52 -0.16	51.63 -1.60 0.00	52.67 -1.69 0.00	51.18 -1.63 -0.26	54.71 -1.80 -0.19	54.92 -1.81 -0.07	49.48 -1.69 -0.01	47.41 -1.62 0.00	45.70 -1.55 -0.43	44.72 -1.43 0.00	39.85 -0.90 0.00	37.62 -1.00 0.00



SITHE___BATAVIA 24024	33.73 -1.37 0.00	31.58 -1.77 0.00	29.41 -1.65 0.00	29.13 -1.76 0.00	29.88 -1.71 0.00	31.73 -1.05 0.00	34.88 -2.03 0.00	40.85 -1.75 0.00	39.90 -2.45 -0.08	41.25 -3.25 0.00	43.30 -2.89 -0.35	45.32 -2.97 -0.45	47.16 -2.31 -0.33	50.61 -2.61 0.00	51.64 -2.72 0.00	50.51 -2.57 -0.54	53.32 -3.38 -0.39	53.40 -3.40 -0.13	47.90 -3.27 -0.02	45.89 -3.14 0.00	44.67 -3.00 -0.85	44.12 -2.03 0.00	40.26 -0.49 0.00	37.01 -1.62 0.00
SITHE___INDEPEND 23800	34.15 -0.95 0.00	32.35 -1.00 0.00	30.09 -0.96 0.00	29.93 -0.96 0.00	30.61 -0.98 0.00	31.90 -0.89 0.00	35.91 -1.00 0.00	41.53 -1.06 0.00	41.21 -1.10 -0.04	43.03 -1.47 0.00	44.55 -1.47 -0.17	46.53 -1.53 -0.22	47.77 -1.52 -0.16	51.63 -1.60 0.00	52.67 -1.69 0.00	51.18 -1.63 -0.26	54.71 -1.80 -0.19	54.92 -1.81 -0.07	49.48 -1.69 -0.01	47.41 -1.62 0.00	45.70 -1.55 -0.43	44.72 -1.43 0.00	39.85 -0.90 0.00	37.62 -1.00 0.00
SITHE___MASSENA 23902	34.50 -0.60 0.00	33.05 -0.30 0.00	30.86 -0.19 0.00	30.70 -0.19 0.00	31.46 -0.13 0.00	32.36 -0.43 0.00	36.17 -0.74 0.00	41.36 -1.24 0.00	40.92 -1.35 0.00	43.39 -1.11 0.00	44.33 -1.51 0.00	45.93 -1.91 0.00	46.33 -2.16 0.64	50.87 -2.34 0.01	47.27 -2.45 4.65	50.08 -2.36 0.10	53.84 -2.48 0.00	54.23 -2.44 0.00	49.16 -2.00 0.00	47.17 -1.86 0.00	45.09 -1.73 0.00	44.39 -1.75 0.00	39.28 -1.47 0.00	37.66 -0.97 0.00
SITHE___OGDNSBRG 24021	34.96 -0.14 0.00	33.45 0.10 0.00	31.14 0.09 0.00	31.04 0.15 0.00	31.81 0.22 0.00	32.65 -0.13 0.00	36.58 -0.33 0.00	41.83 -0.77 0.00	41.34 -0.93 0.00	44.01 -0.49 0.00	44.84 -1.01 0.00	46.36 -1.48 0.00	46.65 -1.92 0.57	51.14 -2.08 0.01	48.03 -2.23 4.10	50.25 -2.21 0.09	54.06 -2.25 0.00	54.46 -2.21 0.00	49.62 -1.53 0.00	47.66 -1.37 0.00	45.74 -1.08 0.00	44.90 -1.25 0.00	39.65 -1.10 0.00	37.93 -0.70 0.00
SITHE___STERLING 23777	35.98 0.88 0.00	34.02 0.67 0.00	31.52 0.47 0.00	31.38 0.49 0.00	32.12 0.54 0.00	33.41 0.62 0.00	37.76 0.85 0.00	44.00 1.41 0.00	43.79 1.52 0.00	46.15 1.65 0.00	47.63 1.79 0.00	49.80 1.96 0.00	51.05 1.92 0.00	55.35 2.13 0.00	56.37 2.01 0.00	54.38 1.84 0.00	58.34 2.03 0.00	58.60 1.93 0.00	52.95 1.79 0.00	50.70 1.67 0.00	48.64 1.83 0.00	47.67 1.52 0.00	42.06 1.30 0.00	39.40 0.77 0.00
SOUTH CAIRO___GT 23612	37.45 2.35 0.00	35.29 1.93 0.00	32.79 1.74 0.00	32.65 1.76 0.00	33.36 1.77 0.00	34.88 2.10 0.00	39.83 2.92 0.00	45.70 3.11 0.00	46.42 3.38 -0.77	48.06 3.56 0.00	52.99 3.85 -3.30	56.17 4.07 -4.26	56.61 4.32 -3.15	57.91 4.68 0.00	59.47 5.11 0.00	62.68 5.04 -5.09	65.59 5.46 -3.81	63.54 5.61 -1.26	56.01 4.66 -0.20	53.59 4.56 0.00	59.41 4.31 -8.29	50.58 4.43 0.00	43.97 3.22 0.00	41.60 2.97 0.00
SOUTH HAMPTN___IC 23720	37.49 2.39 0.00	35.38 2.03 0.00	31.92 0.87 0.00	31.71 0.83 0.01	32.41 0.82 0.00	34.16 1.38 0.00	38.79 1.88 0.00	46.17 3.58 0.01	47.90 4.90 -0.73	50.26 5.61 -0.15	54.92 6.10 -2.98	58.17 6.60 -3.73	59.29 7.17 -2.98	62.25 8.09 -0.94	63.07 8.37 -0.34	66.51 7.99 -5.98	68.58 8.67 -3.59	66.21 8.44 -1.10	59.00 7.67 -0.17	56.39 7.35 -0.01	60.96 6.98 -7.16	55.66 6.55 -2.95	47.67 4.97 -1.95	42.77 3.71 -0.44
SOUTHOLD___IC 23719	39.28 4.18 0.00	37.09 3.74 0.00	33.32 2.27 0.00	33.10 2.22 0.01	33.83 2.24 0.00	35.76 2.98 0.00	40.86 3.95 0.00	48.64 6.05 0.01	50.31 7.31 -0.73	52.88 8.23 -0.15	57.77 8.94 -2.98	61.24 9.66 -3.73	62.48 10.37 -2.98	66.03 11.87 -0.94	66.93 12.23 -0.34	70.19 11.66 -5.98	72.47 12.56 -3.59	70.01 12.24 -1.10	62.43 11.10 -0.17	59.82 10.79 -0.01	64.33 10.35 -7.16	58.93 9.83 -2.95	50.20 7.50 -1.95	44.86 5.79 -0.44
ST LAWRENCE____ 23600	34.36 -0.74 0.00	32.98 -0.37 0.00	30.80 -0.25 0.00	30.64 -0.25 0.00	31.37 -0.22 0.00	32.26 -0.52 0.00	36.02 -0.89 0.00	41.19 -1.41 0.00	40.71 -1.56 0.00	43.17 -1.34 0.00	44.19 -1.65 0.00	45.93 -1.91 0.00	46.36 -2.11 0.66	50.93 -2.29 0.01	47.19 -2.39 4.78	50.13 -2.31 0.10	53.95 -2.37 0.00	54.35 -2.32 0.00	49.16 -2.00 0.00	47.17 -1.86 0.00	45.04 -1.78 0.00	44.26 -1.89 0.00	39.16 -1.59 0.00	37.59 -1.04 0.00
STATION 5_MISC_HYD 23604	34.43 -0.67 0.00	32.22 -1.13 0.00	29.96 -1.09 0.00	29.84 -1.05 0.00	30.67 -0.92 0.00	32.42 -0.36 0.00	36.06 -0.85 0.00	42.30 -0.30 0.00	42.13 -0.21 -0.07	44.19 -0.31 0.00	46.32 0.18 -0.29	48.70 0.48 -0.38	50.25 0.84 -0.28	54.18 0.96 0.00	55.28 0.92 0.00	53.73 0.74 -0.45	57.16 0.51 -0.34	57.41 0.62 -0.11	51.48 0.31 -0.02	49.22 0.20 0.00	47.66 0.09 -0.75	46.75 0.60 0.00	41.57 0.82 0.00	38.20 -0.42 0.00
STEEL___WIND 323596	33.10 -2.00 0.00	30.98 -2.37 0.00	28.85 -2.20 0.00	28.54 -2.35 0.00	29.28 -2.31 0.00	31.14 -1.64 0.00	34.10 -2.81 0.00	39.91 -2.68 0.00	38.77 -3.59 -0.09	39.92 -4.58 0.00	41.90 -4.36 -0.41	43.82 -4.54 -0.53	45.15 -4.37 -0.39	48.33 -4.90 0.00	49.36 -5.00 0.00	48.45 -4.73 -0.63	51.64 -5.12 -0.44	51.61 -5.21 -0.15	46.27 -4.91 -0.02	44.37 -4.66 0.00	43.40 -4.40 -0.98	42.87 -3.28 0.00	39.45 -1.30 0.00	36.23 -2.39 0.00
STONY___BROOK 24151	37.52 2.42 0.00	35.35 2.00 0.00	31.95 0.90 0.00	31.75 0.86 0.01	32.44 0.85 0.00	34.13 1.34 0.00	39.01 2.10 0.00	46.34 3.75 0.01	47.90 4.90 -0.73	50.17 5.52 -0.15	54.83 6.01 -2.98	58.08 6.51 -3.73	59.14 7.03 -2.98	61.72 7.56 -0.94	62.47 7.77 -0.34	65.99 7.46 -5.98	68.02 8.11 -3.59	65.76 7.99 -1.10	58.95 7.62 -0.17	56.29 7.26 -0.01	60.86 6.88 -7.16	55.66 6.55 -2.95	47.90 5.18 -1.97	43.09 4.02 -0.44
STURGEON_POOL_HYD 23609	37.52 2.42 0.00	35.22 1.87 0.00	32.54 1.49 0.00	32.37 1.48 0.00	33.07 1.48 0.00	34.75 1.97 0.00	39.97 3.06 0.00	46.73 4.13 0.00	47.35 4.40 -0.68	49.13 4.63 0.00	53.81 5.04 -2.93	57.07 5.45 -3.78	57.83 5.90 -2.80	59.61 6.39 0.00	61.37 7.01 0.00	64.10 7.04 -4.52	67.13 7.43 -3.38	65.27 7.48 -1.12	57.78 6.45 -0.18	55.16 6.13 0.00	59.84 5.67 -7.36	51.69 5.54 0.00	44.95 4.20 0.00	42.07 3.44 0.00
SYRACUSE___ENERGY_ST1 323597	34.79 -0.32 0.00	32.92 -0.43 0.00	30.62 -0.43 0.00	30.46 -0.43 0.00	31.18 -0.41 0.00	32.52 -0.26 0.00	36.65 -0.26 0.00	42.55 -0.04 0.00	42.33 0.00 -0.06	44.23 -0.27 0.00	45.91 -0.18 -0.25	48.02 -0.14 -0.32	49.32 -0.05 -0.24	53.17 -0.05 0.00	54.25 -0.11 0.00	52.82 -0.11 -0.38	56.43 -0.17 -0.29	56.60 -0.10 -0.10	50.92 -0.26 -0.02	48.83 -0.20 0.00	47.26 -0.19 -0.63	46.01 -0.14 0.00	40.83 0.08 0.00	38.36 -0.27 0.00
SYRACUSE___ENERGY_ST2 323598	34.79 -0.32 0.00	32.92 -0.43 0.00	30.62 -0.43 0.00	30.46 -0.43 0.00	31.18 -0.41 0.00	32.52 -0.26 0.00	36.65 -0.26 0.00	42.55 -0.04 0.00	42.33 0.00 -0.06	44.23 -0.27 0.00	45.91 -0.18 -0.25	48.02 -0.14 -0.32	49.32 -0.05 -0.24	53.17 -0.05 0.00	54.25 -0.11 0.00	52.82 -0.11 -0.38	56.43 -0.17 -0.29	56.60 -0.10 -0.10	50.92 -0.26 -0.02	48.83 -0.20 0.00	47.26 -0.19 -0.63	46.01 -0.14 0.00	40.83 0.08 0.00	38.36 -0.27 0.00
SYRACUSE___POWER 24017	34.96 -0.14 0.00	33.05 -0.30 0.00	30.71 -0.34 0.00	30.55 -0.34 0.00	31.27 -0.32 0.00	32.62 -0.16 0.00	36.84 -0.07 0.00	42.81 0.21 0.00	42.62 0.30 -0.05	44.59 0.09 0.00	46.25 0.18 -0.22	48.41 0.29 -0.29	49.69 0.34 -0.21	53.65 0.43 0.00	54.69 0.33 0.00	53.26 0.37 -0.34	56.91 0.34 -0.26	57.04 0.28 -0.09	51.32 0.15 -0.01	49.22 0.20 0.00	47.57 0.19 -0.57	46.38 0.23 0.00	41.08 0.33 0.00	38.55 -0.08 0.00



UNION___PROCESSING_DRP 323587	33.91 -1.19 0.00	31.88 -1.47 0.00	29.68 -1.37 0.00	29.47 -1.42 0.00	30.20 -1.39 0.00	31.83 -0.95 0.00	35.32 -1.59 0.00	41.23 -1.36 0.00	40.65 -1.69 -0.07	42.41 -2.09 0.00	44.31 -1.83 -0.30	46.31 -1.91 -0.38	47.75 -1.67 -0.28	51.41 -1.81 0.00	52.46 -1.90 0.00	51.27 -1.73 -0.46	54.46 -2.20 -0.34	54.69 -2.10 -0.12	49.08 -2.10 -0.02	46.97 -2.06 0.00	45.56 -2.01 -0.76	44.72 -1.43 0.00	40.30 -0.45 0.00	37.35 -1.27 0.00
UPPER HUDSON___HYD 24058	36.96 1.86 0.00	34.79 1.43 0.00	32.32 1.27 0.00	32.22 1.33 0.00	32.85 1.26 0.00	34.36 1.57 0.00	39.12 2.21 0.00	45.66 3.07 0.00	46.76 3.64 -0.85	48.59 4.09 0.00	53.95 4.45 -3.66	56.78 4.21 -4.73	56.79 4.13 -3.52	56.63 3.41 0.00	58.11 3.59 -0.16	61.61 3.42 -5.65	64.54 4.00 -4.22	62.15 4.08 -1.40	55.58 4.19 -0.22	53.29 4.27 0.00	60.38 4.35 -9.20	50.72 4.57 0.00	43.60 2.85 0.00	41.41 2.78 0.00
UPPER RAQUET___HYD 24056	34.96 -0.14 0.00	33.42 0.07 0.00	31.11 0.06 0.00	30.98 0.09 0.00	31.74 0.16 0.00	32.62 -0.16 0.00	36.54 -0.37 0.00	41.91 -0.68 0.00	41.30 -0.97 0.00	43.70 -0.80 0.00	44.29 -1.56 0.00	45.74 -2.10 0.00	46.09 -2.56 0.49	50.45 -2.77 0.01	47.98 -2.83 3.55	49.63 -2.84 0.08	52.94 -3.38 0.00	53.33 -3.34 0.00	49.16 -2.00 0.00	47.41 -1.62 0.00	45.69 -1.12 0.00	44.86 -1.29 0.00	39.81 -0.94 0.00	38.05 -0.58 0.00
VISCHER___FERRY HYD 24020	37.14 2.04 0.00	34.95 1.60 0.00	32.48 1.43 0.00	32.34 1.45 0.00	33.01 1.42 0.00	34.49 1.70 0.00	39.31 2.40 0.00	45.53 2.94 0.00	46.37 3.25 -0.84	48.02 3.52 0.00	53.30 3.85 -3.61	56.37 3.88 -4.66	56.54 3.93 -3.47	57.43 4.20 0.00	58.74 4.24 -0.14	62.21 4.10 -5.57	64.87 4.39 -4.16	62.47 4.42 -1.38	55.42 4.04 -0.22	53.00 3.97 0.00	59.77 3.89 -9.07	50.21 4.06 0.00	43.52 2.77 0.00	41.26 2.63 0.00
WADING RIVER_IC_1 23522	37.38 2.28 0.00	35.25 1.90 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	34.03 1.25 0.00	38.38 1.48 0.00	45.61 3.02 0.01	47.35 4.35 -0.73	49.59 4.94 -0.15	54.24 5.41 -2.98	57.46 5.88 -3.73	58.50 6.39 -2.98	61.40 7.24 -0.94	62.15 7.45 -0.34	65.67 7.15 -5.98	67.68 7.77 -3.59	65.36 7.59 -1.10	58.29 6.96 -0.17	55.71 6.67 -0.01	60.25 6.27 -7.16	55.06 5.95 -2.95	47.22 4.52 -1.95	42.46 3.40 -0.43
WADING RIVER_IC_2 23547	37.38 2.28 0.00	35.25 1.90 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	34.03 1.25 0.00	38.38 1.48 0.00	45.61 3.02 0.01	47.35 4.35 -0.73	49.59 4.94 -0.15	54.24 5.41 -2.98	57.46 5.88 -3.73	58.50 6.39 -2.98	61.40 7.24 -0.94	62.15 7.45 -0.34	65.67 7.15 -5.98	67.68 7.77 -3.59	65.36 7.59 -1.10	58.29 6.96 -0.17	55.71 6.67 -0.01	60.25 6.27 -7.16	55.06 5.95 -2.95	47.22 4.52 -1.95	42.46 3.40 -0.43
WADING RIVER_IC_3 23601	37.38 2.28 0.00	35.25 1.90 0.00	31.82 0.78 0.00	31.62 0.74 0.01	32.31 0.73 0.00	34.03 1.25 0.00	38.38 1.48 0.00	45.61 3.02 0.01	47.35 4.35 -0.73	49.59 4.94 -0.15	54.24 5.41 -2.98	57.46 5.88 -3.73	58.50 6.39 -2.98	61.40 7.24 -0.94	62.15 7.45 -0.34	65.67 7.15 -5.98	67.68 7.77 -3.59	65.36 7.59 -1.10	58.29 6.96 -0.17	55.71 6.67 -0.01	60.25 6.27 -7.16	55.06 5.95 -2.95	47.22 4.52 -1.95	42.46 3.40 -0.43
WALDEN___HYDRO 24148	36.89 1.79 0.00	34.62 1.27 0.00	32.01 0.96 0.00	31.81 0.93 0.00	32.53 0.95 0.00	34.09 1.31 0.00	39.16 2.25 0.00	45.75 3.15 0.00	46.34 3.42 -0.64	48.15 3.65 0.00	52.56 3.94 -2.77	55.72 4.31 -3.58	56.45 4.67 -2.65	58.28 5.06 0.00	59.80 5.44 0.00	62.18 5.36 -4.28	65.32 5.80 -3.20	63.51 5.78 -1.06	56.44 5.12 -0.17	53.83 4.80 0.00	58.23 4.45 -6.96	50.49 4.34 0.00	44.01 3.26 0.00	41.29 2.67 0.00
WARRENSBURG___ 23737	36.89 1.79 0.00	34.72 1.37 0.00	32.26 1.21 0.00	32.15 1.27 0.00	32.79 1.20 0.00	34.32 1.54 0.00	39.09 2.18 0.00	45.66 3.07 0.00	46.72 3.59 -0.85	48.55 4.05 0.00	53.95 4.45 -3.66	56.73 4.16 -4.73	56.69 4.03 -3.52	56.47 3.25 0.00	57.89 3.37 -0.16	61.40 3.21 -5.65	64.32 3.97 -4.22	62.04 3.97 -1.40	55.47 4.09 -0.22	53.29 4.27 0.00	60.38 4.35 -9.20	50.72 4.57 0.00	43.56 2.81 0.00	41.37 2.74 0.00
WATERSIDE___6 8 9 23538	37.42 2.32 -0.01	35.09 1.73 -0.01	32.36 1.30 0.00	32.15 1.27 0.00	32.82 1.23 0.00	34.42 1.64 0.00	39.71 2.81 0.00	46.64 4.05 0.00	49.77 4.40 -3.10	50.16 4.67 -0.99	54.53 5.00 -3.68	58.77 5.45 -5.47	63.41 5.75 -8.53	66.75 6.33 -7.19	70.16 6.58 -9.23	69.56 6.46 -10.55	74.64 6.93 -11.39	63.06 6.86 0.47	54.38 6.19 2.97	51.22 5.88 3.69	55.32 5.29 -3.21	49.72 5.40 1.83	44.79 4.03 -0.01	41.84 3.21 -0.01
WDELAWARE___HYD 323627	36.19 1.09 0.00	34.12 0.77 0.00	31.61 0.56 0.00	31.47 0.59 0.00	32.16 0.57 0.00	33.54 0.75 0.00	38.31 1.40 0.00	44.60 2.00 0.00	45.04 2.20 -0.57	46.81 2.31 0.00	50.78 2.48 -2.46	53.80 2.77 -3.18	54.49 3.00 -2.36	56.47 3.25 0.00	57.89 3.53 0.00	59.81 3.47 -3.80	62.93 3.77 -2.84	61.47 3.85 -0.94	54.79 3.48 -0.15	52.36 3.33 0.00	56.10 3.09 -6.19	49.15 3.00 0.00	42.91 2.16 0.00	40.21 1.58 0.00
WEST BABYLON___IC 23714	37.63 2.53 0.00	35.42 2.07 0.00	32.07 1.02 0.00	31.87 0.99 0.01	32.56 0.98 0.00	34.22 1.44 0.00	39.34 2.44 0.00	46.72 4.13 0.00	48.44 5.45 -0.71	50.63 6.01 -0.13	55.29 6.46 -2.98	58.56 6.98 -3.73	59.54 7.42 -2.98	62.46 8.30 -0.94	63.34 8.64 -0.34	66.88 8.35 -5.98	68.92 9.01 -3.59	66.66 8.90 -1.10	59.31 7.98 -0.17	56.64 7.60 -0.01	61.14 7.16 -7.16	55.98 6.88 -2.95	49.61 5.46 -3.40	43.80 4.40 -0.77
WEST CANADA___HYD 24049	35.38 0.28 0.00	33.55 0.20 0.00	31.21 0.16 0.00	31.04 0.15 0.00	31.74 0.16 0.00	32.98 0.20 0.00	37.20 0.30 0.00	43.02 0.43 0.00	42.76 0.51 0.02	44.99 0.49 0.00	46.32 0.55 0.08	48.36 0.62 0.10	49.68 0.59 0.05	53.91 0.69 0.00	55.22 0.65 -0.21	53.06 0.63 0.12	56.96 0.73 0.09	57.32 0.68 0.03	51.77 0.61 0.00	49.62 0.59 0.00	47.19 0.56 0.19	46.70 0.55 0.00	41.16 0.41 0.00	38.94 0.31 0.00
WESTERN_NY_WIND 24143	33.73 -1.37 0.00	31.55 -1.80 0.00	29.37 -1.68 0.00	29.13 -1.76 0.00	29.85 -1.74 0.00	31.73 -1.05 0.00	34.84 -2.07 0.00	40.80 -1.79 0.00	39.86 -2.49 -0.08	41.16 -3.34 0.00	43.22 -2.98 -0.35	45.23 -3.06 -0.45	47.06 -2.41 -0.34	50.56 -2.66 0.00	51.59 -2.77 0.00	50.46 -2.63 -0.54	53.22 -3.49 -0.39	53.34 -3.46 -0.13	47.80 -3.38 -0.02	45.84 -3.19 0.00	44.59 -3.09 -0.86	44.07 -2.08 0.00	40.22 -0.53 0.00	37.01 -1.62 0.00
WETHRSFD_WT_PWR 323626	33.66 -1.44 0.00	31.55 -1.80 0.00	29.34 -1.71 0.00	29.07 -1.82 0.00	29.79 -1.80 0.00	31.67 -1.11 0.00	34.88 -2.03 0.00	40.68 -1.92 0.00	39.75 -2.62 -0.10	40.98 -3.52 0.00	43.00 -3.30 -0.46	44.94 -3.49 -0.59	46.28 -3.29 -0.44	49.50 -3.73 0.00	50.61 -3.75 0.00	49.73 -3.52 -0.71	52.99 -3.83 -0.51	52.87 -3.97 -0.17	47.40 -3.79 -0.03	45.50 -3.53 0.00	44.56 -3.37 -1.11	43.75 -2.40 0.00	39.94 -0.82 0.00	36.85 -1.78 0.00
YORK___WARBASSE 23770	37.64 2.53 -0.01	35.29 1.93 -0.01	32.54 1.49 0.00	32.31 1.42 0.00	32.98 1.39 0.00	34.55 1.77 0.00	39.83 2.92 0.00	46.81 4.22 0.00	49.90 4.52 -3.10	76.45 4.85 -27.10	73.37 5.23 -22.30	58.96 5.65 -5.47	73.33 5.99 -18.20	73.35 6.60 -13.53	73.41 6.90 -12.14	73.35 6.78 -14.02	74.97 7.26 -11.39	74.59 7.20 -10.73	73.34 6.50 -15.69	73.34 6.18 -18.13	78.88 5.62 -26.44	60.83 5.68 -9.01	45.08 4.32 -0.01	42.11 3.48 -0.01