

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Generator Data

10/12/2015

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	22.56	22.89	18.08	16.84	14.66	16.44	15.23	9.85	17.10	63.19	33.75	46.96	42.57	56.04	19.82	23.42	21.33	12.08	10.74	14.96	13.30	19.02	6.13	2.92
24138	-0.26	-0.03	0.22	0.24	0.24	0.30	0.10	0.36	1.35	4.94	2.78	3.87	3.47	4.24	1.66	2.08	1.60	1.03	0.92	1.23	1.08	1.53	0.48	0.23
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.29	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03
74TH STREET_GT_1	22.56	22.89	18.08	16.84	14.66	16.44	15.23	9.85	17.09	63.09	33.72	46.91	42.52	55.95	19.80	23.40	21.30	12.07	10.73	14.95	13.30	19.02	6.13	2.92
24260	-0.26	-0.03	0.22	0.24	0.24	0.30	0.10	0.36	1.34	4.85	2.74	3.82	3.42	4.14	1.64	2.05	1.58	1.02	0.91	1.21	1.07	1.53	0.48	0.24
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.29	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03
74TH STREET_GT_2	22.56	22.89	18.08	16.84	14.66	16.44	15.23	9.85	17.09	63.09	33.72	46.91	42.52	55.95	19.80	23.40	21.30	12.07	10.73	14.95	13.30	19.02	6.13	2.92
24261	-0.26	-0.03	0.22	0.24	0.24	0.30	0.10	0.36	1.34	4.85	2.74	3.82	3.42	4.14	1.64	2.05	1.58	1.02	0.91	1.21	1.07	1.53	0.48	0.24
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.29	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03
ADK HUDSON___FALLS	31.86	31.20	23.43	21.65	18.64	20.78	20.20	11.77	16.96	62.61	33.26	45.93	41.67	54.91	19.19	22.67	21.82	11.79	10.50	14.71	13.10	18.72	6.05	2.88
24011	-0.21	-0.01	0.20	0.22	0.22	0.27	0.09	0.31	1.20	4.36	2.29	2.84	2.56	3.10	1.03	1.33	1.11	0.74	0.67	0.97	0.88	1.24	0.38	0.18
	-35.06	-31.46	-20.37	-18.31	-15.15	-16.56	-18.89	-7.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.27	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04
ADK RESOURCE___RCVRY	31.17	30.65	23.17	21.44	18.47	20.60	19.91	11.73	17.30	63.74	33.86	46.88	42.51	56.14	19.66	23.12	22.17	11.99	10.64	14.90	13.32	19.06	6.17	2.94
23798	-0.29	-0.01	0.29	0.32	0.32	0.38	0.12	0.39	1.54	5.49	2.89	3.79	3.40	4.34	1.50	1.78	1.53	0.94	0.82	1.17	1.10	1.57	0.51	0.24
	-34.45	-30.91	-20.02	-17.99	-14.88	-16.28	-18.56	-7.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.21	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04
ADK S GLENS___FALLS	31.86	31.20	23.43	21.65	18.64	20.78	20.20	11.77	16.96	62.61	33.26	45.93	41.67	54.91	19.19	22.67	21.82	11.79	10.50	14.71	13.10	18.72	6.05	2.88
24028	-0.21	-0.01	0.20	0.22	0.22	0.27	0.09	0.31	1.20	4.36	2.29	2.84	2.56	3.10	1.03	1.33	1.11	0.74	0.67	0.97	0.88	1.24	0.38	0.18
	-35.06	-31.46	-20.37	-18.31	-15.15	-16.56	-18.89	-7.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.27	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04
ADK_NYS___DAM	30.89	30.32	22.85	21.13	18.20	20.29	19.66	11.50	16.72	61.55	32.71	45.47	41.23	54.50	19.15	22.51	21.61	11.65	10.33	14.43	12.91	18.49	6.00	2.86
23527	-0.19	-0.01	0.19	0.21	0.20	0.24	0.07	0.24	0.96	3.31	1.74	2.37	2.13	2.70	0.98	1.16	1.01	0.60	0.50	0.69	0.68	1.00	0.34	0.16
	-34.07	-30.57	-19.80	-17.79	-14.72	-16.10	-18.36	-7.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.17	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04
AIR_PRODUCTS___DRP	30.55	29.91	22.45	20.74	17.85	19.89	19.36	11.29	16.07	59.20	31.52	43.86	39.74	52.49	18.46	21.76	20.93	11.27	10.01	13.99	12.45	17.87	5.80	2.77
24190	-0.06	0.00	0.06	0.06	0.06	0.07	0.03	0.10	0.32	0.95	0.55	0.77	0.64	0.69	0.30	0.41	0.34	0.22	0.19	0.25	0.22	0.38	0.13	0.07
	-33.60	-30.15	-19.53	-17.55	-14.52	-15.88	-18.11	-6.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04
ALBANY___1	30.55	29.91	22.45	20.74	17.85	19.89	19.36	11.29	16.07	59.20	31.52	43.86	39.74	52.49	18.46	21.76	20.93	11.27	10.01	13.99	12.45	17.87	5.80	2.77
23571	-0.06	0.00	0.06	0.06	0.06	0.07	0.03	0.10	0.32	0.95	0.55	0.77	0.64	0.69	0.30	0.41	0.34	0.22	0.19	0.25	0.22	0.38	0.13	0.07
	-33.60	-30.15	-19.53	-17.55	-14.52	-15.88	-18.11	-6.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04
ALBANY___2	30.55	29.91	22.45	20.74	17.85	19.89	19.36	11.29	16.07	59.20	31.52	43.86	39.74	52.49	18.46	21.76	20.93	11.27	10.01	13.99	12.45	17.87	5.80	2.77
23572	-0.06	0.00	0.06	0.06	0.06	0.07	0.03	0.10	0.32	0.95	0.55	0.77	0.64	0.69	0.30	0.41	0.34	0.22	0.19	0.25	0.22	0.38	0.13	0.07
	-33.60	-30.15	-19.53	-17.55	-14.52	-15.88	-18.11	-6.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04
ALBANY___3	30.55	29.91	22.45	20.74	17.85	19.89	19.36	11.29	16.07	59.20	31.52	43.86	39.74	52.49	18.46	21.76	20.93	11.27	10.01	13.99	12.45	17.87	5.80	2.77
23573	-0.06	0.00	0.06	0.06	0.06	0.07	0.03	0.10	0.32	0.95	0.55	0.77	0.64	0.69	0.30	0.41	0.34	0.22	0.19	0.25	0.22	0.38	0.13	0.07
	-33.60	-30.15	-19.53	-17.55	-14.52	-15.88	-18.11	-6.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04
ALBANY___4	30.55	29.91	22.45	20.74	17.85	19.89	19.36	11.29	16.07	59.20	31.52	43.86	39.74	52.49	18.46	21.76	20.93	11.27	10.01	13.99	12.45	17.87	5.80	2.77
23574	-0.06	0.00	0.06	0.06	0.06	0.07	0.03	0.10	0.32	0.95	0.55	0.77	0.64	0.69	0.30	0.41	0.34	0.22	0.19	0.25	0.22	0.38	0.13	0.07
	-33.60	-30.15	-19.53	-17.55	-14.52	-15.88	-18.11	-6.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04



ALBANY___LFGE 323615	31.16 -0.10 -34.24	30.48 -0.01 -30.72	22.86 0.10 -19.90	21.11 0.11 -17.88	18.17 0.11 -14.80	20.25 0.13 -16.18	19.72 0.04 -18.45	11.47 0.16 -7.10	16.31 0.56 0.00	60.14 1.90 0.00	32.01 1.04 0.00	44.54 1.45 0.00	40.37 1.27 0.00	53.32 1.52 0.00	18.76 0.59 0.00	22.10 0.75 0.00	21.27 0.63 -3.21	11.45 0.40 0.00	10.18 0.36 0.00	14.22 0.49 0.00	12.65 0.42 0.00	18.13 0.64 0.00	5.88 0.21 -0.04	2.80 0.10 -0.04
ALCOA_RYNLDS___DRP 24188	-27.57 0.36 24.95	-27.17 0.04 26.97	-29.45 -0.46 31.85	-29.97 -0.50 32.59	-18.11 -0.60 20.78	2.65 -0.69 0.61	-20.99 -0.19 22.03	-26.17 -0.65 29.73	-29.97 -2.40 43.33	-31.02 -11.27 78.00	-31.89 -5.40 57.46	-34.02 -6.67 70.44	-45.75 -6.70 78.15	-30.37 -9.07 73.10	-30.12 -3.06 45.22	-30.16 -3.54 47.97	-30.11 -2.89 44.65	-29.62 -1.70 38.97	2.87 -1.50 5.45	5.33 -2.20 6.21	-2.30 -2.02 12.51	-30.29 -2.89 44.89	-18.26 -0.90 22.98	-28.53 -0.42 30.77
ALCOA___DSASP 323711	-27.57 0.36 24.95	-27.17 0.04 26.97	-29.45 -0.46 31.85	-29.97 -0.50 32.59	-18.11 -0.60 20.78	2.65 -0.69 0.61	-20.99 -0.19 22.03	-26.17 -0.65 29.73	-29.97 -2.40 43.33	-31.02 -11.27 78.00	-31.89 -5.40 57.46	-34.02 -6.67 70.44	-45.75 -6.70 78.15	-30.37 -9.07 73.10	-30.12 -3.06 45.22	-30.16 -3.54 47.97	-30.11 -2.89 44.65	-29.62 -1.70 38.97	2.87 -1.50 5.45	5.33 -2.20 6.21	-2.30 -2.02 12.51	-30.29 -2.89 44.89	-18.26 -0.90 22.98	-28.53 -0.42 30.77
ALLEGHENY___COGEN 23514	1.38 0.03 -4.34	3.66 0.01 -3.89	5.39 0.01 -2.52	5.40 0.01 -2.27	5.14 0.00 -1.87	5.96 -0.04 -2.05	3.54 -0.03 -2.34	5.24 0.03 -1.00	21.20 0.15 -5.30	116.41 0.14 -58.03	52.87 -0.43 -22.33	64.64 -0.69 -22.24	92.12 -0.50 -53.52	94.15 0.17 -42.17	21.10 -0.24 -3.18	25.59 -0.60 -4.85	18.83 -0.41 -1.81	12.49 -0.33 -1.76	9.58 -0.24 0.00	19.52 -0.23 -6.01	12.04 -0.19 0.00	17.24 -0.25 0.00	5.71 0.08 0.00	2.68 0.03 0.00
ALTONA_WT_PWR 323606	-27.71 0.32 25.05	-27.25 0.04 27.05	-29.48 -0.44 31.91	-29.98 -0.46 32.64	-18.15 -0.60 20.82	2.57 -0.73 0.65	-21.06 -0.20 22.09	-26.15 -0.61 29.75	-29.66 -2.08 43.33	-29.67 -9.91 78.00	-31.36 -4.87 57.46	-33.53 -6.19 70.44	-45.25 -6.20 78.15	-29.70 -8.40 73.10	-29.91 -2.86 45.22	-29.89 -3.27 47.97	-29.91 -2.68 44.66	-29.43 -1.52 38.97	2.99 -1.39 5.45	5.52 -2.01 6.21	-2.11 -1.83 12.51	-29.87 -2.47 44.89	-18.22 -0.86 22.98	-28.49 -0.37 30.77
AMERICAN_REF_FUEL 24010	1.01 0.21 -3.79	3.19 0.04 -3.40	4.96 -0.11 -2.20	5.02 -0.09 -1.98	4.80 -0.10 -1.64	5.61 -0.12 -1.79	3.19 -0.08 -2.04	5.14 -0.38 -1.31	35.82 -1.52 -21.59	279.09 -4.10 -224.94	100.50 -2.72 -72.25	101.46 -3.94 -62.31	244.06 -3.35 -208.30	209.81 -3.17 -161.18	20.66 -1.55 -4.05	22.67 -2.26 -3.59	21.72 -1.70 -5.98	10.71 -1.20 -0.86	8.82 -1.00 0.00	35.86 -1.27 -23.40	11.19 -1.04 0.00	16.05 -1.44 0.00	5.25 -0.37 0.00	2.49 -0.17 0.00
ARTHUR_KILL_GT_1 23520	22.57 -0.25 -25.81	22.89 -0.02 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.36 -5.29	17.09 1.33 0.00	62.84 4.59 0.00	33.74 2.76 -0.01	46.86 3.77 0.00	44.16 3.29 -1.77	55.63 3.82 -0.01	20.60 1.54 -0.90	28.12 1.97 -4.80	32.34 1.47 -13.44	37.00 0.94 -25.00	36.83 0.84 -26.17	35.24 1.12 -20.37	49.64 1.02 -36.40	35.84 1.46 -16.89	6.11 0.46 -0.03	2.91 0.22 -0.03
ARTHUR_KILL_2 23512	22.57 -0.25 -25.81	22.89 -0.02 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.36 -5.29	17.09 1.33 0.00	62.84 4.59 0.00	33.74 2.76 -0.01	46.86 3.77 0.00	44.16 3.29 -1.77	55.63 3.82 -0.01	20.60 1.54 -0.90	28.12 1.97 -4.80	32.34 1.47 -13.44	37.00 0.94 -25.00	36.83 0.84 -26.17	35.24 1.12 -20.37	49.64 1.02 -36.40	35.84 1.46 -16.89	6.11 0.46 -0.03	2.91 0.22 -0.03
ARTHUR_KILL_3 23513	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.09 1.33 0.00	63.09 4.83 0.00	33.72 2.73 -0.01	46.90 3.80 -0.01	44.28 3.40 -1.78	55.95 4.14 -0.01	20.72 1.65 -0.91	28.21 2.06 -4.81	34.98 1.60 -15.95	49.50 1.03 -37.42	36.92 0.92 -26.17	37.14 1.23 -22.16	49.71 1.08 -36.41	35.91 1.52 -16.90	6.14 0.48 -0.04	2.93 0.24 -0.04
ASHOKAN____ 23654	24.16 -0.22 -27.37	24.29 -0.03 -24.56	18.96 0.19 -15.91	17.62 0.20 -14.29	15.31 0.21 -11.82	17.15 0.27 -12.93	16.06 0.09 -14.75	10.16 0.33 -5.62	17.00 1.24 0.00	62.89 4.64 0.00	33.50 2.53 0.00	46.56 3.47 0.00	42.17 3.07 0.00	55.63 3.83 0.00	19.57 1.41 0.00	23.04 1.70 0.00	21.29 1.36 -2.51	11.94 0.89 0.00	10.65 0.83 0.00	14.90 1.16 0.00	13.21 0.99 0.00	18.85 1.37 0.00	6.06 0.40 -0.03	2.87 0.18 -0.03
ASTORIA_EAST_ENERGY_CC1 323581	22.60 -0.22 -25.81	22.90 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.83 0.34 -5.29	17.02 1.27 0.00	62.53 4.28 0.00	33.51 2.54 -0.01	46.61 3.51 0.00	44.00 3.12 -1.77	55.45 3.64 -0.01	19.69 1.52 -0.01	23.24 1.89 -0.01	21.19 1.46 -2.30	25.85 0.90 -13.89	10.65 0.82 -0.01	14.84 1.09 -0.01	13.23 0.99 -0.01	18.93 1.43 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_EAST_ENERGY_CC2 323582	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.83 0.34 -5.29	17.02 1.27 0.00	62.53 4.28 0.00	33.51 2.54 -0.01	46.61 3.51 0.00	44.00 3.12 -1.77	55.45 3.64 -0.01	19.69 1.52 -0.01	23.24 1.89 -0.01	21.19 1.46 -2.30	25.85 0.91 -13.89	10.65 0.82 -0.01	14.84 1.09 -0.01	13.23 0.99 -0.01	18.93 1.43 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT2_1 24094	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT2_2 24095	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT2_3 24096	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03



ASTORIA_GT2_4 24097	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT3_1 24098	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT3_2 24099	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT3_3 24100	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT3_4 24101	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT4_1 24102	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT4_2 24103	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT4_3 24104	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT4_4 24105	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT_1 23523	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
ASTORIA_GT_10 24110	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.24 -13.48	14.66 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.37 -5.29	17.14 1.38 0.00	63.09 4.84 0.00	33.79 2.81 -0.01	46.98 3.88 0.00	44.34 3.47 -1.77	55.97 4.16 -0.01	19.86 1.69 -0.01	23.46 2.11 -0.01	21.34 1.61 -2.30	25.97 1.03 -13.89	10.75 0.92 -0.01	14.97 1.23 -0.01	13.33 1.09 -0.01	19.05 1.55 -0.01	6.15 0.49 -0.03	2.93 0.24 -0.03
ASTORIA_GT_11 24225	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.24 -13.48	14.66 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.37 -5.29	17.14 1.38 0.00	63.09 4.84 0.00	33.79 2.81 -0.01	46.98 3.88 0.00	44.34 3.47 -1.77	55.97 4.16 -0.01	19.86 1.69 -0.01	23.46 2.11 -0.01	21.34 1.61 -2.30	25.97 1.03 -13.89	10.75 0.92 -0.01	14.97 1.23 -0.01	13.33 1.09 -0.01	19.05 1.55 -0.01	6.15 0.49 -0.03	2.93 0.24 -0.03
ASTORIA_GT_12 24226	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.24 -13.48	14.66 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.37 -5.29	17.14 1.38 0.00	63.09 4.84 0.00	33.79 2.81 -0.01	46.98 3.88 0.00	44.34 3.47 -1.77	55.97 4.16 -0.01	19.86 1.69 -0.01	23.46 2.11 -0.01	21.34 1.61 -2.30	25.97 1.03 -13.89	10.75 0.92 -0.01	14.97 1.23 -0.01	13.33 1.09 -0.01	19.05 1.55 -0.01	6.15 0.49 -0.03	2.93 0.24 -0.03
ASTORIA_GT_13 24227	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.24 -13.48	14.66 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.37 -5.29	17.14 1.38 0.00	63.09 4.84 0.00	33.79 2.81 -0.01	46.98 3.88 0.00	44.34 3.47 -1.77	55.97 4.16 -0.01	19.86 1.69 -0.01	23.46 2.11 -0.01	21.34 1.61 -2.30	25.97 1.03 -13.89	10.75 0.92 -0.01	14.97 1.23 -0.01	13.33 1.09 -0.01	19.05 1.55 -0.01	6.15 0.49 -0.03	2.93 0.24 -0.03
ASTORIA_GT_5 24106	22.60 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.03 1.28 0.00	62.54 4.29 0.00	33.53 2.55 -0.01	46.63 3.53 0.00	44.02 3.14 -1.77	55.48 3.67 -0.01	19.70 1.53 -0.01	23.25 1.90 -0.01	21.20 1.47 -2.30	25.86 0.91 -13.89	10.66 0.83 -0.01	14.85 1.11 -0.01	13.23 1.00 -0.01	18.93 1.44 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03



ASTORIA_GT_7 24107	22.60	22.91	18.08	16.84	14.65	16.43	15.22	9.84	17.03	62.54	33.53	46.63	44.02	55.48	19.70	23.25	21.20	25.86	10.66	14.85	13.23	18.93	6.11	2.92
	-0.22	-0.01	0.22	0.23	0.23	0.29	0.09	0.34	1.28	4.29	2.55	3.53	3.14	3.67	1.53	1.90	1.47	0.91	0.83	1.11	1.00	1.44	0.46	0.23
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	-0.01	0.00	-1.77	-0.01	-0.01	-0.01	-2.30	-13.89	-0.01	-0.01	-0.01	-0.01	-0.03	-0.03
ASTORIA_GT_8 24108	22.60	22.91	18.08	16.84	14.65	16.43	15.22	9.84	17.03	62.54	33.53	46.63	44.02	55.48	19.70	23.25	21.20	25.86	10.66	14.85	13.23	18.93	6.11	2.92
	-0.22	-0.01	0.22	0.23	0.23	0.29	0.09	0.34	1.28	4.29	2.55	3.53	3.14	3.67	1.53	1.90	1.47	0.91	0.83	1.11	1.00	1.44	0.46	0.23
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	-0.01	0.00	-1.77	-0.01	-0.01	-0.01	-2.30	-13.89	-0.01	-0.01	-0.01	-0.01	-0.03	-0.03
ASTORIA___2 24149	22.60	22.91	18.08	16.84	14.65	16.43	15.22	9.84	17.03	62.54	33.53	46.63	44.02	55.48	19.70	23.25	21.20	25.86	10.66	14.85	13.23	18.93	6.11	2.92
	-0.22	-0.01	0.22	0.23	0.23	0.29	0.09	0.34	1.28	4.29	2.55	3.53	3.14	3.67	1.53	1.90	1.47	0.91	0.83	1.11	1.00	1.44	0.46	0.23
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	-0.01	0.00	-1.77	-0.01	-0.01	-0.01	-2.30	-13.89	-0.01	-0.01	-0.01	-0.01	-0.03	-0.03
ASTORIA___3 23516	22.56	22.89	18.09	16.85	14.66	16.45	15.23	9.86	17.14	63.09	33.79	46.98	44.34	55.97	19.86	23.46	21.34	25.97	10.75	14.97	13.33	19.05	6.15	2.93
	-0.26	-0.02	0.23	0.24	0.25	0.31	0.10	0.37	1.38	4.84	2.81	3.88	3.46	4.16	1.69	2.11	1.61	1.03	0.92	1.23	1.09	1.55	0.49	0.24
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	-0.01	0.00	-1.77	-0.01	-0.01	-0.01	-2.30	-13.89	-0.01	-0.01	-0.01	-0.01	-0.03	-0.03
ASTORIA___4 23517	22.60	22.91	18.08	16.84	14.65	16.43	15.22	9.84	17.03	62.54	33.53	46.63	44.02	55.48	19.70	23.25	21.20	25.86	10.66	14.85	13.23	18.93	6.11	2.92
	-0.22	-0.01	0.22	0.23	0.23	0.29	0.09	0.34	1.28	4.29	2.55	3.53	3.14	3.67	1.53	1.90	1.47	0.91	0.83	1.11	1.00	1.44	0.46	0.23
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	-0.01	0.00	-1.77	-0.01	-0.01	-0.01	-2.30	-13.89	-0.01	-0.01	-0.01	-0.01	-0.03	-0.03
ASTORIA___5 23518	22.56	22.89	18.09	16.85	14.66	16.45	15.23	9.86	17.14	63.09	33.79	46.98	44.34	55.97	19.86	23.46	21.34	25.97	10.75	14.97	13.33	19.05	6.15	2.93
	-0.26	-0.02	0.23	0.24	0.25	0.31	0.10	0.37	1.38	4.84	2.81	3.88	3.46	4.16	1.69	2.11	1.61	1.03	0.92	1.23	1.09	1.55	0.49	0.24
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	-0.01	0.00	-1.77	-0.01	-0.01	-0.01	-2.30	-13.89	-0.01	-0.01	-0.01	-0.01	-0.03	-0.03
AST_ENERGY_2_CC3 323677	22.56	22.89	18.08	16.84	14.65	16.44	15.23	9.84	17.09	63.08	33.71	46.90	42.51	55.95	19.80	23.40	21.30	12.07	10.73	14.95	13.30	19.01	6.13	2.92
	-0.26	-0.03	0.22	0.23	0.24	0.30	0.10	0.35	1.33	4.84	2.74	3.81	3.41	4.14	1.64	2.05	1.57	1.02	0.91	1.21	1.07	1.52	0.48	0.23
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.29	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03
AST_ENERGY_2_CC4 323678	22.56	22.89	18.08	16.84	14.65	16.44	15.23	9.84	17.09	63.08	33.71	46.90	42.51	55.95	19.80	23.40	21.30	12.07	10.73	14.95	13.30	19.01	6.13	2.92
	-0.26	-0.03	0.22	0.23	0.24	0.30	0.10	0.35	1.33	4.84	2.74	3.81	3.41	4.14	1.64	2.05	1.57	1.02	0.91	1.21	1.07	1.52	0.48	0.23
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.29	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03
ATHENS_STG_1 23668	25.60	25.52	19.68	18.26	15.82	17.68	16.76	10.30	16.42	60.57	32.26	44.88	40.71	53.77	18.92	22.30	20.84	11.54	10.25	14.31	12.74	18.24	5.89	2.80
	-0.14	-0.01	0.13	0.13	0.14	0.17	0.05	0.19	0.66	2.33	1.29	1.78	1.61	1.96	0.76	0.96	0.75	0.48	0.43	0.57	0.51	0.75	0.23	0.11
	-28.72	-25.77	-16.69	-15.00	-12.41	-13.57	-15.48	-5.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.65	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03
ATHENS_STG_2 23670	25.60	25.52	19.68	18.26	15.82	17.68	16.76	10.30	16.42	60.57	32.26	44.88	40.71	53.77	18.92	22.30	20.84	11.54	10.25	14.31	12.74	18.24	5.89	2.80
	-0.14	-0.01	0.13	0.13	0.14	0.17	0.05	0.19	0.66	2.33	1.29	1.78	1.61	1.96	0.76	0.96	0.75	0.48	0.43	0.57	0.51	0.75	0.23	0.11
	-28.72	-25.77	-16.69	-15.00	-12.41	-13.57	-15.48	-5.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.65	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03
ATHENS_STG_3 23677	25.60	25.52	19.68	18.26	15.82	17.68	16.76	10.30	16.42	60.57	32.26	44.88	40.71	53.77	18.92	22.30	20.84	11.54	10.25	14.31	12.74	18.24	5.89	2.80
	-0.14	-0.01	0.13	0.13	0.14	0.17	0.05	0.19	0.66	2.33	1.29	1.78	1.61	1.96	0.76	0.96	0.75	0.48	0.43	0.57	0.51	0.75	0.23	0.11
	-28.72	-25.77	-16.69	-15.00	-12.41	-13.57	-15.48	-5.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.65	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03
BABYLON_RES_REC 323704	22.52	22.89	18.14	16.89	15.70	26.09	53.37	173.74	97.93	75.40	49.71	49.51	44.89	66.21	206.12	166.28	141.87	12.04	10.74	14.71	13.22	19.16	8.30	2.94
	-0.31	-0.03	0.28	0.29	0.31	0.40	0.13	0.45	1.67	6.33	3.44	4.79	4.24	5.30	2.05	2.51	1.76	0.99	0.92	0.98	0.99	1.67	0.52	0.26
	-25.81	-23.16	-15.00	-13.48	-12.11	-21.75	-52.01	-169.09	-80.51	-10.82	-15.30	-1.63	-1.55	-9.11	-185.91	-142.42	-122.68	0.00	0.00	0.00	0.00	0.00	-2.15	-0.03
BARRETT_IC_1 23704	22.55	22.89	18.12	16.87	15.67	26.04	53.34	122.21	68.56	70.33	48.89	43.52	42.24	58.94	74.29	60.24	54.31	11.93	10.67	14.68	13.13	18.87	8.22	2.92
	-0.27	-0.03	0.26	0.27	0.28	0.35	0.10	0.35	1.30	4.62	2.65	3.70	3.29	3.94	1.59	1.97	1.45	0.88	0.85	0.94	0.90	1.38	0.45	0.24
	-25.81	-23.16	-15.00	-13.48	-12.11	-21.75	-52.01	-117.65	-51.50	-7.47	-15.27	3.27	0.16	-3.19	-54.54	-36.92	-35.42	0.01	0.00	0.01	0.00	0.00	-2.15	-0.03
BARRETT_IC_10 23701	22.55	22.89	18.12	16.87	15.67	26.04	53.34	122.21	68.56	70.33	48.89	43.52	42.24	58.94	74.29	60.24	54.31	11.93	10.67	14.68	13.13	18.87	8.22	2.92
	-0.27	-0.03	0.26	0.27	0.28	0.35	0.10	0.35	1.30	4.62	2.65	3.70	3.29	3.94	1.59	1.97	1.45	0.88	0.85	0.94	0.90	1.38	0.45	0.24
	-25.81	-23.16	-15.00	-13.48	-12.11	-21.75	-52.01	-117.65	-51.50	-7.47	-15.27	3.27	0.16	-3.19	-54.54	-36.92	-35.42	0.01	0.00	0.01	0.00	0.00	-2.15	-0.03
BARRETT_IC_11 23702	22.55	22.89	18.12	16.87	15.67	26.04	53.34	122.21	68.56	70.33	48.89	43.52	42.24	58.94	74.29	60.24	54.31	11.93	10.67	14.68	13.13	18.87	8.22	2.92
	-0.27	-0.03	0.26	0.27	0.28	0.35	0.10	0.35	1.30	4.62	2.65	3.70	3.29	3.94	1.59	1.97	1.45	0.88	0.85	0.94	0.90	1.38	0.45	0.24
	-25.81	-23.16	-15.00	-13.48	-12.11	-21.75	-52.01	-117.65	-51.50	-7.47	-15.27	3.27	0.16	-3.19	-54.54	-36.92	-35.42	0.01	0.00	0.01	0.00	0.00	-2.15	-0.03



BARRETT_IC_12 23703	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BARRETT_IC_2 23705	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BARRETT_IC_3 23706	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BARRETT_IC_4 23707	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BARRETT_IC_5 23708	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BARRETT_IC_6 23709	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BARRETT_IC_7 23710	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BARRETT_IC_8 23711	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BARRETT_IC_9 23700	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BARRETT___1 23545	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BARRETT___2 23546	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.28 -12.11	26.04 0.35 -21.75	53.34 0.10 -52.01	122.21 0.35 -117.65	68.56 1.30 -51.50	70.33 4.62 -7.47	48.89 2.65 -15.27	43.52 3.70 3.27	42.24 3.29 0.16	58.94 3.94 -3.19	74.29 1.59 -54.54	60.24 1.97 -36.92	54.31 1.45 -35.42	11.93 0.88 0.01	10.67 0.85 0.00	14.68 0.94 0.01	13.13 0.90 0.00	18.87 1.38 0.00	8.22 0.45 -2.15	2.92 0.24 -0.03
BAYONEEC___CTG1 323682	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.12 4.88 0.00	33.71 2.74 0.00	46.91 3.82 0.00	42.52 3.42 0.00	55.97 4.17 0.00	19.81 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.96 1.23 0.00	13.30 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
BAYONEEC___CTG2 323683	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.12 4.88 0.00	33.71 2.74 0.00	46.91 3.82 0.00	42.52 3.42 0.00	55.97 4.17 0.00	19.81 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.96 1.23 0.00	13.30 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
BAYONEEC___CTG3 323684	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.12 4.88 0.00	33.71 2.74 0.00	46.91 3.82 0.00	42.52 3.42 0.00	55.97 4.17 0.00	19.81 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.96 1.23 0.00	13.30 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
BAYONEEC___CTG4 323685	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.12 4.88 0.00	33.71 2.74 0.00	46.91 3.82 0.00	42.52 3.42 0.00	55.97 4.17 0.00	19.81 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.96 1.23 0.00	13.30 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03



BAYONEEC___CTG5 323686	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.12 4.88 0.00	33.71 2.74 0.00	46.91 3.82 0.00	42.52 3.42 0.00	55.97 4.17 0.00	19.81 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.96 1.23 0.00	13.30 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
BAYONEEC___CTG6 323687	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.12 4.88 0.00	33.71 2.74 0.00	46.91 3.82 0.00	42.52 3.42 0.00	55.97 4.17 0.00	19.81 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.96 1.23 0.00	13.30 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
BAYONEEC___CTG7 323688	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.12 4.88 0.00	33.71 2.74 0.00	46.91 3.82 0.00	42.52 3.42 0.00	55.97 4.17 0.00	19.81 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.96 1.23 0.00	13.30 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
BAYONEEC___CTG8 323689	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.12 4.88 0.00	33.71 2.74 0.00	46.91 3.82 0.00	42.52 3.42 0.00	55.97 4.17 0.00	19.81 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.96 1.23 0.00	13.30 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
BEACON___LESR 323632	30.35 -0.14 -33.48	29.80 0.00 -30.04	22.42 0.10 -19.45	20.72 0.11 -17.48	17.86 0.12 -14.46	19.90 0.14 -15.82	19.30 0.04 -18.04	11.33 0.18 -6.95	16.46 0.70 0.00	60.69 2.45 0.00	32.26 1.29 0.00	44.81 1.72 0.00	40.76 1.66 0.00	53.65 1.84 0.00	18.85 0.69 0.00	22.25 0.90 0.00	21.32 0.74 -3.15	11.48 0.43 0.00	10.25 0.43 0.00	14.31 0.58 0.00	12.74 0.52 0.00	18.23 0.74 0.00	5.90 0.24 -0.04	2.81 0.11 -0.04
BEAVER RIVER___HYD 24048	-2.92 0.07 0.00	-0.23 0.01 0.00	2.73 -0.14 0.00	2.98 -0.15 0.00	3.10 -0.17 0.00	3.76 -0.18 0.00	1.18 -0.05 0.00	4.04 -0.16 0.00	15.15 -0.61 0.00	55.56 -2.68 0.00	30.00 -0.98 0.00	41.38 -1.71 0.00	37.49 -1.62 0.00	50.13 -1.68 0.00	17.54 -0.62 0.00	20.57 -0.78 0.00	16.79 -0.64 0.00	10.70 -0.36 0.00	9.54 -0.29 0.00	13.36 -0.38 0.00	11.86 -0.37 0.00	16.91 -0.57 0.00	5.44 -0.18 0.00	2.57 -0.09 0.00
BEEBEE_GT_13 23619	0.14 0.11 -3.02	2.48 0.01 -2.71	4.56 -0.06 -1.75	4.64 -0.06 -1.58	4.52 -0.06 -1.31	5.31 -0.06 -1.43	2.82 -0.03 -1.63	4.66 -0.15 -0.60	15.18 -0.57 0.00	56.97 -1.27 0.00	28.82 -0.94 1.21	39.67 -1.40 2.03	37.98 -1.12 0.00	50.80 -0.75 0.25	16.97 -0.49 0.70	19.23 -0.83 1.29	17.07 -0.60 -0.24	10.12 -0.43 0.50	9.48 -0.34 0.00	13.35 -0.38 0.00	11.94 -0.29 0.00	17.03 -0.46 0.00	5.51 -0.12 0.00	2.60 -0.06 0.00
BETHLEHEM___GRP 23843	30.55 -0.06 -33.60	29.91 0.00 -30.15	22.45 0.06 -19.53	20.74 0.06 -17.55	17.85 0.06 -14.52	19.89 0.07 -15.88	19.36 0.03 -18.11	11.29 0.10 -6.98	16.07 0.32 0.00	59.20 0.95 0.00	31.52 0.55 0.00	43.86 0.77 0.00	39.74 0.64 0.00	52.49 0.69 0.00	18.46 0.30 0.00	21.76 0.41 0.00	20.93 0.34 -3.16	11.27 0.22 0.00	10.01 0.19 0.00	13.99 0.25 0.00	12.45 0.22 0.00	17.87 0.38 0.00	5.80 0.13 -0.04	2.77 0.07 -0.04
BETHLEHEM___GS1 323560	30.55 -0.06 -33.60	29.91 0.00 -30.15	22.45 0.06 -19.53	20.74 0.06 -17.55	17.85 0.06 -14.52	19.89 0.07 -15.88	19.36 0.03 -18.11	11.29 0.10 -6.98	16.07 0.32 0.00	59.20 0.95 0.00	31.52 0.55 0.00	43.86 0.77 0.00	39.74 0.64 0.00	52.49 0.69 0.00	18.46 0.30 0.00	21.76 0.41 0.00	20.93 0.34 -3.16	11.27 0.22 0.00	10.01 0.19 0.00	13.99 0.25 0.00	12.45 0.22 0.00	17.87 0.38 0.00	5.80 0.13 -0.04	2.77 0.07 -0.04
BETHLEHEM___GS2 323561	30.55 -0.06 -33.60	29.91 0.00 -30.15	22.45 0.06 -19.53	20.74 0.06 -17.55	17.85 0.06 -14.52	19.89 0.07 -15.88	19.36 0.03 -18.11	11.29 0.10 -6.98	16.07 0.32 0.00	59.20 0.95 0.00	31.52 0.55 0.00	43.86 0.77 0.00	39.74 0.64 0.00	52.49 0.69 0.00	18.46 0.30 0.00	21.76 0.41 0.00	20.93 0.34 -3.16	11.27 0.22 0.00	10.01 0.19 0.00	13.99 0.25 0.00	12.45 0.22 0.00	17.87 0.38 0.00	5.80 0.13 -0.04	2.77 0.07 -0.04
BETHLEHEM___GS3 323562	30.55 -0.06 -33.60	29.91 0.00 -30.15	22.45 0.06 -19.53	20.74 0.06 -17.55	17.85 0.06 -14.52	19.89 0.07 -15.88	19.36 0.03 -18.11	11.29 0.10 -6.98	16.07 0.32 0.00	59.20 0.95 0.00	31.52 0.55 0.00	43.86 0.77 0.00	39.74 0.64 0.00	52.49 0.69 0.00	18.46 0.30 0.00	21.76 0.41 0.00	20.93 0.34 -3.16	11.27 0.22 0.00	10.01 0.19 0.00	13.99 0.25 0.00	12.45 0.22 0.00	17.87 0.38 0.00	5.80 0.13 -0.04	2.77 0.07 -0.04
BETHLEHEM___STEEL 23779	1.16 0.14 -4.00	3.37 0.02 -3.59	5.13 -0.06 -2.32	5.17 -0.05 -2.09	4.96 -0.04 -1.73	5.79 -0.05 -1.89	3.34 -0.04 -2.15	5.51 -0.23 -1.53	42.99 -0.92 -28.15	362.23 -1.92 -305.90	146.72 -1.55 -117.30	157.66 -2.27 -116.83	320.58 -1.87 -283.35	273.74 -1.24 -223.17	33.88 -0.85 -16.56	45.13 -1.43 -25.22	24.43 -1.05 -8.04	19.40 -0.79 -9.13	9.19 -0.63 0.00	44.80 -0.76 -31.83	11.61 -0.62 0.00	16.64 -0.85 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
BETHPAGE_CC_5 323564	22.52 -0.30 -25.81	22.88 -0.03 -23.16	18.13 0.27 -15.00	16.89 0.28 -13.48	15.69 0.31 -12.11	26.08 0.38 -21.75	53.36 0.12 -52.01	173.15 0.42 -168.52	97.47 1.53 -80.19	74.72 5.70 -10.78	49.37 3.09 -15.30	49.00 4.33 -1.57	44.44 3.81 -1.53	65.53 4.68 -9.04	204.47 1.85 -184.46	164.88 2.27 -141.26	140.81 1.66 -121.72	12.02 0.96 0.00	10.74 0.92 0.00	14.76 1.03 0.00	13.20 0.98 0.00	19.04 1.56 0.00	8.27 0.50 -2.15	2.93 0.25 -0.03
BINGHAMTON___COGEN 23790	5.36 -0.02 -8.36	7.26 0.00 -7.50	7.77 0.05 -4.86	7.54 0.05 -4.37	6.95 0.07 -3.61	7.98 0.08 -3.95	5.76 0.03 -4.51	5.99 0.07 -1.71	18.39 0.29 -2.36	86.06 1.34 -26.47	41.85 0.53 -10.34	54.15 0.76 -10.29	63.88 0.79 -23.99	72.09 1.35 -18.94	20.04 0.36 -1.51	24.02 0.33 -2.34	19.06 0.29 -1.33	12.05 0.14 -0.85	9.97 0.14 0.00	16.67 0.24 -2.69	12.45 0.22 0.00	17.82 0.33 0.00	5.74 0.11 -0.01	2.71 0.04 -0.01
BLACK RIVER___HYD 24047	-2.27 0.01 -0.70	0.39 0.00 -0.63	3.18 -0.10 -0.41	3.39 -0.10 -0.37	3.46 -0.12 -0.30	4.17 -0.11 -0.33	1.58 -0.03 -0.38	4.24 -0.10 -0.13	15.38 -0.38 0.00	56.71 -1.54 0.00	30.70 -0.28 0.00	41.88 -1.21 0.00	38.12 -0.98 0.00	51.44 -0.37 0.00	18.00 -0.16 0.00	21.06 -0.29 0.00	17.26 -0.22 -0.05	10.95 -0.10 0.00	9.77 -0.05 0.00	13.73 -0.01 0.00	12.20 -0.03 0.00	17.37 -0.12 0.00	5.58 -0.05 0.00	2.63 -0.03 0.00



BLISS_WT_PWR 323608	1.23 0.22 -4.00	3.36 0.01 -3.59	4.99 -0.20 -2.32	5.05 -0.16 -2.09	4.83 -0.17 -1.73	5.68 -0.16 -1.89	3.33 -0.05 -2.15	5.46 -0.27 -1.53	43.00 -0.91 -28.15	363.17 -0.97 -305.90	147.04 -1.23 -117.30	158.37 -1.55 -116.83	321.01 -1.44 -283.35	274.64 -0.33 -223.17	34.06 -0.67 -16.56	45.26 -1.30 -25.22	24.33 -1.15 -8.04	19.49 -0.70 -9.13	9.18 -0.64 0.00	44.57 -1.00 -31.83	11.33 -0.90 0.00	16.17 -1.32 0.00	5.37 -0.25 0.00	2.52 -0.14 0.00
BLUE_CIRC_CHEM_DRP 24182	30.23 -0.10 -33.31	29.64 -0.01 -29.89	22.31 0.09 -19.36	20.62 0.10 -17.40	17.76 0.10 -14.39	19.81 0.12 -15.74	19.21 0.04 -17.95	11.28 0.14 -6.93	16.24 0.49 0.00	59.88 1.64 0.00	31.88 0.91 0.00	44.34 1.25 0.00	40.22 1.12 0.00	53.11 1.31 0.00	18.69 0.52 0.00	22.01 0.67 0.00	21.12 0.54 -3.15	11.40 0.34 0.00	10.13 0.30 0.00	14.15 0.41 0.00	12.59 0.36 0.00	18.04 0.55 0.00	5.84 0.18 -0.04	2.78 0.09 -0.04
BOC_GAS_DRP 24189	30.37 -0.09 -33.45	29.76 -0.01 -30.01	22.39 0.09 -19.44	20.69 0.09 -17.47	17.82 0.10 -14.45	19.86 0.11 -15.80	19.29 0.03 -18.02	11.30 0.13 -6.96	16.20 0.44 0.00	59.74 1.49 0.00	31.80 0.82 0.00	44.23 1.14 0.00	40.11 1.01 0.00	53.01 1.20 0.00	18.64 0.48 0.00	21.96 0.61 0.00	21.09 0.49 -3.17	11.37 0.31 0.00	10.10 0.28 0.00	14.11 0.37 0.00	12.55 0.33 0.00	17.99 0.50 0.00	5.83 0.16 -0.04	2.78 0.08 -0.04
BORALEX_4TH_BRANCH 23824	30.89 -0.19 -34.07	30.32 -0.01 -30.57	22.85 0.19 -19.80	21.13 0.21 -17.79	18.20 0.20 -14.72	20.29 0.24 -16.10	19.66 0.07 -18.36	11.50 0.24 -7.05	16.72 0.96 0.00	61.55 3.31 0.00	32.71 1.74 0.00	45.47 2.37 0.00	41.23 2.13 0.00	54.50 2.70 0.00	19.15 0.98 0.00	22.51 1.16 0.00	21.61 1.01 -3.17	11.65 0.60 0.00	10.33 0.50 0.00	14.43 0.69 0.00	12.91 0.68 0.00	18.49 1.00 0.00	6.00 0.34 -0.04	2.86 0.16 -0.04
BOWLINE___1 23526	22.01 -0.23 -25.22	22.36 -0.03 -22.63	17.70 0.19 -14.66	16.50 0.20 -13.17	14.37 0.20 -10.90	16.12 0.26 -11.92	14.90 0.08 -13.59	9.67 0.30 -5.16	16.91 1.16 0.00	62.43 4.18 0.00	33.34 2.37 0.00	46.39 3.30 0.00	42.03 2.93 0.00	55.33 3.53 0.00	19.55 1.38 0.00	23.07 1.73 0.00	20.98 1.31 -2.23	11.90 0.85 0.00	10.58 0.75 0.00	14.75 1.02 0.00	13.14 0.91 0.00	18.80 1.31 0.00	6.05 0.40 -0.03	2.88 0.20 -0.03
BOWLINE___2 23595	22.01 -0.23 -25.22	22.37 -0.03 -22.63	17.71 0.19 -14.66	16.50 0.20 -13.17	14.37 0.20 -10.90	16.12 0.26 -11.92	14.90 0.08 -13.59	9.67 0.30 -5.16	16.91 1.16 0.00	62.43 4.19 0.00	33.34 2.37 0.00	46.39 3.30 0.00	42.04 2.94 0.00	55.33 3.53 0.00	19.55 1.38 0.00	23.07 1.72 0.00	20.96 1.30 -2.23	11.89 0.84 0.00	10.57 0.74 0.00	14.74 0.99 0.00	13.12 0.89 0.00	18.79 1.30 0.00	6.05 0.40 -0.03	2.88 0.20 -0.03
BROOKHAVEN___DRP 24191	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.28 -15.00	16.89 0.29 -13.48	15.70 0.32 -12.11	26.12 0.42 -21.75	53.38 0.14 -52.01	175.20 0.48 -170.52	98.82 1.75 -81.32	75.84 6.69 -10.91	49.86 3.59 -15.30	49.86 5.00 -1.76	45.14 4.44 -1.59	66.63 5.56 -9.27	209.87 2.15 -189.56	169.31 2.60 -145.35	144.48 1.93 -125.11	12.19 1.14 0.00	10.91 1.09 0.00	14.73 0.99 0.00	13.16 0.94 0.00	18.91 1.43 0.00	8.21 0.44 -2.15	2.90 0.21 -0.03
BROOKLYN_NAVY_YARD 23515	22.57 -0.25 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.83 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.23 0.09 -13.91	9.84 0.34 -5.29	17.06 1.31 0.00	62.97 4.73 0.00	33.64 2.66 0.00	46.82 3.72 0.00	42.44 3.34 0.00	55.85 4.04 0.00	19.78 1.61 0.00	23.39 2.04 0.00	21.27 1.55 -2.29	12.07 1.01 0.00	10.72 0.90 0.00	14.94 1.20 0.00	13.28 1.06 0.00	18.98 1.49 0.00	6.11 0.46 -0.03	2.91 0.23 -0.03
BROOKLYN___ARMY_DRP 323595	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
BROOME_2_LFGE 323671	5.36 -0.02 -8.36	7.26 0.00 -7.50	7.77 0.05 -4.86	7.54 0.05 -4.37	6.95 0.07 -3.61	7.98 0.08 -3.95	5.76 0.03 -4.51	5.99 0.07 -1.71	18.39 0.29 -2.36	86.06 1.34 -26.47	41.85 0.53 -10.34	54.15 0.76 -10.29	63.88 0.79 -23.99	72.09 1.35 -18.94	20.04 0.36 -1.51	24.02 0.33 -2.34	19.06 0.29 -1.33	12.05 0.14 -0.85	9.97 0.14 0.00	16.67 0.24 -2.69	12.45 0.22 0.00	17.82 0.33 0.00	5.74 0.11 -0.01	2.71 0.04 -0.01
BROOME___LFGE 323600	5.36 -0.02 -8.36	7.26 0.00 -7.50	7.77 0.05 -4.86	7.54 0.05 -4.37	6.95 0.07 -3.61	7.98 0.08 -3.95	5.76 0.03 -4.51	5.99 0.07 -1.71	18.39 0.29 -2.36	86.06 1.34 -26.47	41.85 0.53 -10.34	54.15 0.76 -10.29	63.88 0.79 -23.99	72.09 1.35 -18.94	20.04 0.36 -1.51	24.02 0.33 -2.34	19.06 0.29 -1.33	12.05 0.14 -0.85	9.97 0.14 0.00	16.67 0.24 -2.69	12.45 0.22 0.00	17.82 0.33 0.00	5.74 0.11 -0.01	2.71 0.04 -0.01
BURROWS___LYONSDAL 23803	-2.97 0.01 0.00	-0.24 0.00 0.00	2.82 -0.04 0.00	3.08 -0.04 0.00	3.22 -0.05 0.00	3.90 -0.04 0.00	1.22 -0.01 0.00	4.19 -0.02 0.00	15.71 -0.04 0.00	57.93 -0.32 0.00	31.01 0.04 0.00	43.03 -0.06 0.00	38.97 -0.13 0.00	51.84 0.03 0.00	18.14 -0.03 0.00	21.26 -0.08 0.00	17.37 -0.06 0.00	11.04 -0.01 0.00	9.84 0.02 0.00	13.78 0.04 0.00	12.24 0.01 0.00	17.44 -0.05 0.00	5.60 -0.02 0.00	2.64 -0.01 0.00
CAITHNESS_CC_1 323624	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.13 0.27 -15.00	16.89 0.29 -13.48	15.70 0.32 -12.11	26.11 0.41 -21.75	53.37 0.14 -52.01	175.19 0.46 -170.52	98.77 1.70 -81.32	75.67 6.51 -10.91	49.78 3.51 -15.30	49.74 4.89 -1.76	45.03 4.34 -1.59	66.48 5.40 -9.27	209.82 2.09 -189.56	169.24 2.54 -145.35	144.42 1.88 -125.11	12.15 1.10 0.00	10.88 1.06 0.00	14.73 0.99 0.00	13.16 0.94 0.00	18.93 1.44 0.00	8.21 0.44 -2.15	2.90 0.21 -0.03
CALPINE_BETH_PAGE_GT4 24209	22.52 -0.30 -25.81	22.88 -0.03 -23.16	18.14 0.28 -15.00	16.90 0.29 -13.48	15.69 0.31 -12.11	26.08 0.39 -21.75	53.36 0.12 -52.01	172.45 0.42 -167.83	97.05 1.49 -79.80	74.54 5.56 -10.73	49.31 3.04 -15.30	48.88 4.28 -1.51	44.38 3.77 -1.51	65.40 4.63 -8.96	202.67 1.83 -182.69	163.43 2.25 -139.83	139.62 1.65 -120.55	12.02 0.96 0.00	10.74 0.92 0.00	14.79 1.05 0.00	13.21 0.98 0.00	19.05 1.57 0.00	8.26 0.49 -2.15	2.93 0.25 -0.03
CALPINE_BETH_PAGE_GT_4 323586	22.52 -0.30 -25.81	22.88 -0.03 -23.16	18.14 0.28 -15.00	16.90 0.29 -13.48	15.69 0.31 -12.11	26.08 0.39 -21.75	53.36 0.12 -52.01	172.45 0.42 -167.83	97.05 1.49 -79.80	74.54 5.56 -10.73	49.31 3.04 -15.30	48.88 4.28 -1.51	44.38 3.77 -1.51	65.40 4.63 -8.96	202.67 1.83 -182.69	163.43 2.25 -139.83	139.62 1.65 -120.55	12.02 0.96 0.00	10.74 0.92 0.00	14.79 1.05 0.00	13.21 0.98 0.00	19.05 1.57 0.00	8.26 0.49 -2.15	2.93 0.25 -0.03



CALPINE_BP_GTI 23823	22.52 -0.30 -25.81	22.88 -0.03 -23.16	18.14 0.28 -15.00	16.90 0.29 -13.48	15.69 0.31 -12.11	26.08 0.39 -21.75	53.36 0.12 -52.01	172.45 0.42 -167.83	97.05 1.49 -79.80	74.54 5.56 -10.73	49.31 3.04 -15.30	48.88 4.28 -1.51	44.38 3.77 -1.51	65.40 4.63 -8.96	202.67 1.83 -182.69	163.43 2.25 -139.83	139.62 1.65 -120.55	12.02 0.96 0.00	10.74 0.92 0.00	14.79 1.05 0.00	13.21 0.98 0.00	19.05 1.57 0.00	8.26 0.49 -2.15	2.93 0.25 -0.03
CALSPAN___DRP 24200	1.16 0.14 -4.00	3.37 0.02 -3.59	5.13 -0.06 -2.32	5.17 -0.05 -2.09	4.96 -0.04 -1.73	5.79 -0.05 -1.89	3.34 -0.04 -2.15	5.51 -0.23 -1.53	42.99 -0.92 -28.15	362.23 -1.92 -305.90	146.72 -1.55 -117.30	157.66 -2.27 -116.83	320.58 -1.87 -283.35	273.74 -1.24 -223.17	33.88 -0.85 -16.56	45.13 -1.43 -25.22	24.43 -1.05 -8.04	19.40 -0.79 -9.13	9.19 -0.63 0.00	44.80 -0.76 -31.83	11.61 -0.62 0.00	16.64 -0.85 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
CANDIGU_WT_PWR 323617	2.69 0.08 -5.60	4.80 0.01 -5.02	6.10 -0.01 -3.26	6.04 -0.01 -2.92	5.69 0.01 -2.42	6.59 0.00 -2.65	4.24 -0.01 -3.02	5.51 -0.04 -1.35	24.82 -0.09 -9.16	162.34 0.64 -103.45	71.37 -0.10 -40.50	83.73 -0.16 -40.79	134.51 0.01 -95.40	127.97 0.86 -75.31	24.20 -0.02 -6.06	30.41 -0.32 -9.38	20.32 -0.17 -3.05	14.26 -0.22 -3.42	9.66 -0.16 0.00	24.25 -0.20 -10.71	12.04 -0.19 0.00	17.25 -0.24 0.00	5.59 -0.04 -0.01	2.64 -0.03 -0.01
CARR STREET_E_SYP 24060	-0.85 0.05 -2.09	1.63 0.00 -1.87	4.03 -0.05 -1.21	4.17 -0.05 -1.09	4.13 -0.04 -0.90	4.88 -0.05 -0.98	2.33 -0.02 -1.13	4.55 -0.07 -0.41	15.45 -0.31 0.00	57.27 -0.98 0.00	30.41 -0.56 0.00	42.30 -0.79 0.00	38.41 -0.69 0.00	51.11 -0.70 0.00	17.86 -0.31 0.00	20.93 -0.42 0.00	17.28 -0.32 -0.17	10.84 -0.21 0.00	9.64 -0.19 0.00	13.51 -0.22 0.00	12.02 -0.21 0.00	17.18 -0.31 0.00	5.54 -0.08 0.00	2.62 -0.04 0.00
CARTHAGE___PAPER 23857	-2.42 0.03 -0.54	0.25 0.00 -0.48	3.06 -0.11 -0.32	3.28 -0.12 -0.28	3.36 -0.14 -0.23	4.06 -0.14 -0.26	1.48 -0.03 -0.29	4.15 -0.12 -0.07	15.29 -0.46 0.00	56.29 -1.96 0.00	30.44 -0.53 0.00	41.70 -1.40 0.00	37.89 -1.21 0.00	50.93 -0.87 0.00	17.83 -0.33 0.00	20.88 -0.47 0.00	17.06 -0.37 0.00	10.86 -0.19 0.00	9.69 -0.13 0.00	13.59 -0.14 0.00	12.07 -0.15 0.00	17.20 -0.29 0.00	5.53 -0.10 0.00	2.61 -0.05 0.00
CE_DUNWOOD___DRP 24194	22.56 -0.24 -25.78	22.86 -0.03 -23.13	18.04 0.20 -14.98	16.80 0.21 -13.47	14.63 0.22 -11.14	16.40 0.28 -12.18	15.21 0.09 -13.89	9.81 0.32 -5.28	16.98 1.23 0.00	62.73 4.48 0.00	33.50 2.53 0.00	46.61 3.52 0.00	42.25 3.14 0.00	55.62 3.81 0.00	19.66 1.50 0.00	23.21 1.86 0.00	21.15 1.43 -2.29	11.97 0.92 0.00	10.65 0.83 0.00	14.84 1.10 0.00	13.21 0.98 0.00	18.89 1.40 0.00	6.09 0.44 -0.03	2.90 0.21 -0.03
CE_MILLWOOD___DRP 24193	22.50 -0.23 -25.71	22.81 -0.03 -23.08	18.00 0.19 -14.95	16.76 0.21 -13.43	14.59 0.21 -11.11	16.36 0.27 -12.15	15.17 0.09 -13.86	9.79 0.31 -5.27	16.94 1.19 0.00	62.56 4.31 0.00	33.41 2.43 0.00	46.49 3.39 0.00	42.13 3.03 0.00	55.46 3.66 0.00	19.60 1.44 0.00	23.14 1.79 0.00	21.08 1.37 -2.28	11.94 0.88 0.00	10.62 0.80 0.00	14.80 1.06 0.00	13.17 0.95 0.00	18.84 1.35 0.00	6.07 0.42 -0.03	2.89 0.20 -0.03
CE_NYC2_DRP 24202	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.37 -5.29	17.14 1.39 0.00	63.12 4.87 0.00	33.79 2.81 -0.01	47.00 3.90 0.00	44.36 3.49 -1.77	55.99 4.19 -0.01	19.86 1.70 -0.01	23.47 2.12 -0.01	21.35 1.62 -2.30	25.98 1.04 -13.89	10.76 0.92 -0.01	14.98 1.23 -0.01	13.33 1.10 -0.01	19.05 1.56 -0.01	6.15 0.49 -0.03	2.93 0.24 -0.03
CE_NYC_DRP 24195	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.44 0.31 -12.19	15.23 0.10 -13.91	9.85 0.36 -5.29	17.10 1.35 0.00	63.18 4.93 0.00	33.75 2.77 0.00	46.96 3.87 0.00	42.56 3.46 0.00	56.04 4.24 0.00	19.83 1.67 0.00	23.43 2.08 0.00	21.33 1.61 -2.29	12.09 1.03 0.00	10.75 0.92 0.00	14.98 1.24 0.00	13.32 1.09 0.00	19.03 1.54 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
CHAFFEE___LFGE 323603	1.11 0.07 -4.03	3.39 0.01 -3.62	5.21 0.01 -2.34	5.25 0.02 -2.11	5.05 0.04 -1.74	5.89 0.05 -1.90	3.39 0.00 -2.17	5.66 -0.09 -1.53	43.48 -0.35 -28.08	363.93 0.31 -305.37	147.97 -0.38 -117.37	159.57 -0.61 -117.09	321.60 -0.34 -282.84	275.38 0.74 -222.83	34.68 -0.18 -16.69	46.14 -0.67 -25.46	25.02 -0.44 -8.03	19.87 -0.42 -9.23	9.53 -0.29 0.00	45.25 -0.26 -31.77	12.03 -0.19 0.00	17.22 -0.27 0.00	5.59 -0.04 0.00	2.63 -0.03 0.00
CHATEAUG_WT_PWR 323614	-27.70 0.34 25.05	-27.26 0.04 27.06	-29.50 -0.46 31.91	-30.00 -0.48 32.64	-18.17 -0.61 20.82	2.55 -0.74 0.65	-21.06 -0.20 22.09	-26.17 -0.64 29.75	-29.75 -2.18 43.33	-30.00 -10.24 78.00	-31.52 -5.03 57.46	-33.75 -6.40 70.44	-45.44 -6.40 78.15	-30.00 -8.70 73.10	-30.00 -2.94 45.22	-30.00 -3.38 47.97	-30.00 -2.77 44.66	-29.50 -1.59 38.97	2.94 -1.43 5.45	5.44 -2.08 6.21	-2.20 -1.92 12.51	-30.00 -2.60 44.89	-18.25 -0.89 22.98	-28.50 -0.39 30.77
CHAT_HIGH_FALL_HYD 323578	-27.66 0.33 25.00	-27.21 0.04 27.02	-29.47 -0.45 31.88	-29.97 -0.48 32.62	-18.14 -0.61 20.80	2.59 -0.73 0.63	-21.03 -0.19 22.06	-26.16 -0.63 29.74	-29.74 -2.16 43.33	-30.04 -10.29 78.00	-31.52 -5.03 57.46	-33.76 -6.41 70.44	-45.47 -6.42 78.15	-30.03 -8.73 73.10	-30.01 -2.95 45.22	-30.02 -3.40 47.97	-30.00 -2.77 44.66	-29.50 -1.59 38.97	2.94 -1.43 5.45	5.46 -2.07 6.21	-2.18 -1.90 12.51	-29.98 -2.58 44.89	-18.23 -0.88 22.98	-28.50 -0.39 30.77
CHAUTAUQUA___LFGE 323629	1.28 0.08 -4.20	3.54 0.01 -3.77	5.32 0.02 -2.44	5.35 0.04 -2.19	5.14 0.06 -1.81	6.00 0.07 -1.98	3.50 0.01 -2.26	5.73 -0.03 -1.55	43.25 -0.20 -27.70	361.56 0.68 -302.64	148.46 -0.24 -117.73	161.03 -0.45 -118.39	319.11 -0.23 -280.24	273.84 0.97 -221.07	35.42 -0.10 -17.36	47.50 -0.58 -26.73	25.02 -0.38 -7.97	20.40 -0.39 -9.74	9.55 -0.28 0.00	44.96 -0.25 -31.48	11.97 -0.26 0.00	17.15 -0.34 0.00	5.57 -0.06 0.00	2.62 -0.04 0.00
CH_MIDHUDSON___DRP 24192	24.28 -0.23 -27.49	24.41 -0.03 -24.67	19.03 0.19 -15.98	17.69 0.21 -14.36	15.36 0.21 -11.88	17.20 0.27 -12.99	16.13 0.09 -14.82	10.17 0.31 -5.65	16.95 1.19 0.00	62.69 4.44 0.00	33.42 2.45 0.00	46.51 3.42 0.00	42.15 3.05 0.00	55.55 3.75 0.00	19.60 1.44 0.00	23.12 1.78 0.00	21.33 1.39 -2.51	11.95 0.90 0.00	10.64 0.82 0.00	14.84 1.10 0.00	13.20 0.97 0.00	18.87 1.38 0.00	6.08 0.42 -0.03	2.89 0.20 -0.03
CH_MISC_IPPS 23765	23.08 -0.24 -26.31	23.34 -0.03 -23.61	18.36 0.20 -15.29	17.09 0.22 -13.74	14.86 0.23 -11.37	16.66 0.29 -12.43	15.50 0.09 -14.18	9.95 0.34 -5.39	17.08 1.33 0.00	63.37 5.13 0.00	33.68 2.71 0.00	46.88 3.78 0.00	42.47 3.37 0.00	55.99 4.19 0.00	19.76 1.60 0.00	23.30 1.96 0.00	21.35 1.54 -2.38	12.05 0.99 0.00	10.73 0.90 0.00	14.97 1.23 0.00	13.30 1.07 0.00	19.00 1.51 0.00	6.11 0.46 -0.03	2.90 0.22 -0.03



CH_RES_BVR_FALLS 23983	-4.55 0.26 1.82	-1.85 0.03 1.63	1.53 -0.27 1.06	1.89 -0.28 0.95	2.15 -0.33 0.79	2.69 -0.40 0.86	0.14 -0.11 0.98	3.47 -0.36 0.37	14.52 -1.23 0.00	53.31 -4.94 0.00	28.60 -2.37 0.00	40.13 -2.97 0.00	36.12 -2.98 0.00	47.60 -4.21 0.00	16.68 -1.48 0.00	19.65 -1.69 0.00	15.90 -1.37 0.16	10.23 -0.82 0.00	9.01 -0.82 0.00	12.46 -1.28 0.00	11.06 -1.17 0.00	15.87 -1.62 0.00	5.09 -0.53 0.00	2.41 -0.24 0.00
CH_RES_NIAGARA 23895	1.03 0.21 -3.81	3.20 0.02 -3.42	4.95 -0.12 -2.21	5.01 -0.11 -1.99	4.82 -0.10 -1.65	5.59 -0.16 -1.80	3.20 -0.08 -2.05	5.10 -0.38 -1.27	34.17 -1.53 -19.94	269.49 -4.12 -215.36	92.45 -2.70 -64.18	90.42 -3.92 -51.24	235.15 -3.33 -199.37	201.88 -3.17 -153.24	17.59 -1.55 -0.98	17.20 -2.25 1.89	21.47 -1.69 -5.73	8.60 -1.19 1.26	8.83 -0.99 0.00	34.87 -1.26 -22.39	11.20 -1.03 0.00	16.06 -1.42 0.00	5.26 -0.37 0.00	2.50 -0.16 0.00
CH_RES_SYRACUSE 23985	-0.52 0.04 -2.42	1.94 0.00 -2.17	4.24 -0.03 -1.41	4.36 -0.03 -1.27	4.29 -0.03 -1.05	5.06 -0.03 -1.15	2.52 -0.01 -1.31	4.68 -0.03 -0.50	15.64 -0.12 0.00	57.96 -0.29 0.00	30.77 -0.21 0.00	42.78 -0.31 0.00	38.85 -0.25 0.00	51.58 -0.22 0.00	18.02 -0.14 0.00	21.11 -0.24 0.00	17.46 -0.17 -0.20	10.93 -0.12 0.00	9.71 -0.11 0.00	13.61 -0.13 0.00	12.10 -0.12 0.00	17.29 -0.20 0.00	5.57 -0.06 0.00	2.63 -0.03 0.00
CLINTON_WT_PWR 323605	-27.70 0.34 25.05	-27.26 0.04 27.06	-29.50 -0.46 31.91	-30.00 -0.48 32.64	-18.17 -0.61 20.82	2.55 -0.74 0.65	-21.06 -0.20 22.09	-26.17 -0.64 29.75	-29.75 -2.18 43.33	-30.00 -10.24 78.00	-31.52 -5.03 57.46	-33.75 -6.40 70.44	-45.44 -6.40 78.15	-30.00 -8.70 73.10	-30.00 -2.94 45.22	-30.00 -3.38 47.97	-30.00 -2.77 44.66	-29.50 -1.59 38.97	2.94 -1.43 5.45	5.44 -2.08 6.21	-2.20 -1.92 12.51	-30.00 -2.60 44.89	-18.25 -0.89 22.98	-28.50 -0.39 30.77
CLINTON___LFGE 323618	-27.72 0.30 25.04	-27.25 0.04 27.04	-29.46 -0.43 31.90	-29.96 -0.45 32.64	-18.13 -0.57 20.82	2.61 -0.69 0.65	-21.04 -0.19 22.08	-26.11 -0.57 29.75	-29.54 -1.96 43.33	-29.25 -9.49 78.00	-31.14 -4.65 57.46	-33.25 -5.90 70.44	-44.99 -5.95 78.15	-29.39 -8.09 73.10	-29.80 -2.75 45.22	-29.77 -3.15 47.97	-29.81 -2.58 44.66	-29.36 -1.44 38.97	3.07 -1.30 5.45	5.64 -1.89 6.21	-2.00 -1.72 12.51	-29.74 -2.34 44.89	-18.17 -0.81 22.98	-28.46 -0.35 30.77
COLONIE_LFGE___ 323577	31.51 -0.15 -34.65	30.84 -0.01 -31.09	23.15 0.15 -20.14	21.38 0.16 -18.10	18.40 0.16 -14.97	20.51 0.20 -16.37	19.96 0.06 -18.67	11.60 0.21 -7.18	16.57 0.81 0.00	61.05 2.81 0.00	32.48 1.51 0.00	45.13 2.04 0.00	40.92 1.82 0.00	54.08 2.28 0.00	18.98 0.82 0.00	22.35 1.00 0.00	21.53 0.86 -3.24	11.59 0.53 0.00	10.29 0.46 0.00	14.38 0.64 0.00	12.82 0.60 0.00	18.36 0.87 0.00	5.94 0.28 -0.04	2.83 0.14 -0.04
CORNELL___ 23752	1.99 -0.01 -4.98	4.22 0.00 -4.47	5.77 0.01 -2.89	5.74 0.02 -2.60	5.45 0.03 -2.15	6.34 0.05 -2.35	3.93 0.02 -2.68	5.31 0.05 -1.05	17.73 0.23 -1.74	78.84 1.12 -19.47	39.07 0.52 -7.57	51.03 0.66 -7.27	56.56 0.74 -16.71	66.21 1.23 -13.18	19.53 0.34 -1.03	23.22 0.28 -1.59	18.57 0.25 -0.88	11.78 0.14 -0.58	9.95 0.13 0.00	15.84 0.23 -1.87	12.42 0.19 0.00	17.71 0.22 0.00	5.69 0.06 0.00	2.68 0.01 0.00
COXSACKIE___GT 23611	25.05 -0.20 -28.23	25.08 -0.02 -25.33	19.45 0.17 -16.41	18.06 0.19 -14.75	15.66 0.19 -12.20	17.53 0.24 -13.34	16.52 0.08 -15.21	10.31 0.29 -5.81	16.85 1.09 0.00	62.30 4.06 0.00	33.18 2.21 0.00	46.13 3.03 0.00	41.81 2.71 0.00	55.17 3.36 0.00	19.40 1.24 0.00	22.85 1.50 0.00	21.26 1.22 -2.61	11.84 0.79 0.00	10.55 0.72 0.00	14.75 1.01 0.00	13.11 0.88 0.00	18.73 1.24 0.00	6.03 0.38 -0.03	2.86 0.17 -0.03
CRESCENT___HYD 24018	31.51 -0.15 -34.65	30.84 -0.01 -31.09	23.15 0.15 -20.14	21.38 0.16 -18.10	18.40 0.16 -14.97	20.51 0.20 -16.37	19.96 0.06 -18.67	11.60 0.21 -7.18	16.57 0.81 0.00	61.05 2.81 0.00	32.48 1.51 0.00	45.13 2.04 0.00	40.92 1.82 0.00	54.08 2.28 0.00	18.98 0.82 0.00	22.35 1.00 0.00	21.53 0.86 -3.24	11.59 0.53 0.00	10.29 0.46 0.00	14.38 0.64 0.00	12.82 0.60 0.00	18.36 0.87 0.00	5.94 0.28 -0.04	2.83 0.14 -0.04
CRUCIBLE_METL_DRP 24180	-0.52 0.04 -2.42	1.94 0.00 -2.17	4.24 -0.03 -1.41	4.36 -0.03 -1.27	4.29 -0.03 -1.05	5.06 -0.03 -1.15	2.52 -0.01 -1.31	4.68 -0.03 -0.50	15.64 -0.12 0.00	57.96 -0.29 0.00	30.77 -0.21 0.00	42.78 -0.31 0.00	38.85 -0.25 0.00	51.58 -0.22 0.00	18.02 -0.14 0.00	21.11 -0.24 0.00	17.46 -0.17 -0.20	10.93 -0.12 0.00	9.71 -0.11 0.00	13.61 -0.13 0.00	12.10 -0.12 0.00	17.29 -0.20 0.00	5.57 -0.06 0.00	2.63 -0.03 0.00
DANC___LFGE 323619	-2.27 0.01 -0.70	0.39 0.00 -0.63	3.18 -0.10 -0.41	3.39 -0.10 -0.37	3.46 -0.12 -0.30	4.17 -0.11 -0.33	1.58 -0.03 -0.38	4.24 -0.10 -0.13	15.38 -0.38 0.00	56.71 -1.54 0.00	30.70 -0.28 0.00	41.88 -1.21 0.00	38.12 -0.98 0.00	51.44 -0.37 0.00	18.00 -0.16 0.00	21.06 -0.29 0.00	17.26 -0.22 -0.05	10.95 -0.10 0.00	9.77 -0.05 0.00	13.73 -0.01 0.00	12.20 -0.03 0.00	17.37 -0.12 0.00	5.58 -0.05 0.00	2.63 -0.03 0.00
DANSKAMMER___1 23586	23.08 -0.24 -26.31	23.34 -0.03 -23.61	18.36 0.20 -15.29	17.09 0.22 -13.74	14.86 0.23 -11.37	16.66 0.29 -12.43	15.50 0.09 -14.18	9.95 0.34 -5.39	17.08 1.33 0.00	63.37 5.13 0.00	33.68 2.71 0.00	46.88 3.78 0.00	42.47 3.37 0.00	55.99 4.19 0.00	19.76 1.60 0.00	23.30 1.96 0.00	21.35 1.54 -2.38	12.05 0.99 0.00	10.73 0.90 0.00	14.97 1.23 0.00	13.30 1.07 0.00	19.00 1.51 0.00	6.11 0.46 -0.03	2.90 0.22 -0.03
DANSKAMMER___2 23589	23.08 -0.24 -26.31	23.34 -0.03 -23.61	18.36 0.20 -15.29	17.09 0.22 -13.74	14.86 0.23 -11.37	16.66 0.29 -12.43	15.50 0.09 -14.18	9.95 0.34 -5.39	17.08 1.33 0.00	63.37 5.13 0.00	33.68 2.71 0.00	46.88 3.78 0.00	42.47 3.37 0.00	55.99 4.19 0.00	19.76 1.60 0.00	23.30 1.96 0.00	21.35 1.54 -2.38	12.05 0.99 0.00	10.73 0.90 0.00	14.97 1.23 0.00	13.30 1.07 0.00	19.00 1.51 0.00	6.11 0.46 -0.03	2.90 0.22 -0.03
DANSKAMMER___3 23590	23.08 -0.24 -26.31	23.34 -0.03 -23.61	18.36 0.20 -15.29	17.09 0.22 -13.74	14.86 0.23 -11.37	16.66 0.29 -12.43	15.50 0.09 -14.18	9.95 0.34 -5.39	17.08 1.33 0.00	63.37 5.13 0.00	33.68 2.71 0.00	46.88 3.78 0.00	42.47 3.37 0.00	55.99 4.19 0.00	19.76 1.60 0.00	23.30 1.96 0.00	21.35 1.54 -2.38	12.05 0.99 0.00	10.73 0.90 0.00	14.97 1.23 0.00	13.30 1.07 0.00	19.00 1.51 0.00	6.11 0.46 -0.03	2.90 0.22 -0.03
DANSKAMMER___4 23591	23.08 -0.24 -26.31	23.34 -0.03 -23.61	18.36 0.20 -15.29	17.09 0.22 -13.74	14.86 0.23 -11.37	16.66 0.29 -12.43	15.50 0.09 -14.18	9.95 0.34 -5.39	17.08 1.33 0.00	63.37 5.13 0.00	33.68 2.71 0.00	46.88 3.78 0.00	42.47 3.37 0.00	55.99 4.19 0.00	19.76 1.60 0.00	23.30 1.96 0.00	21.35 1.54 -2.38	12.05 0.99 0.00	10.73 0.90 0.00	14.97 1.23 0.00	13.30 1.07 0.00	19.00 1.51 0.00	6.11 0.46 -0.03	2.90 0.22 -0.03



DANSKAMMER___DIESEL 23592	23.08 -0.24 -26.31	23.34 -0.03 -23.61	18.36 0.20 -15.29	17.09 0.22 -13.74	14.86 0.23 -11.37	16.66 0.29 -12.43	15.50 0.09 -14.18	9.95 0.34 -5.39	17.08 1.33 0.00	63.37 5.13 0.00	33.68 2.71 0.00	46.88 3.78 0.00	42.47 3.37 0.00	55.99 4.19 0.00	19.76 1.60 0.00	23.30 1.96 0.00	21.35 1.54 -2.38	12.05 0.99 0.00	10.73 0.90 0.00	14.97 1.23 0.00	13.30 1.07 0.00	19.00 1.51 0.00	6.11 0.46 -0.03	2.90 0.22 -0.03
DASHVILLE___HYD 23610	23.02 -0.21 -26.22	23.26 -0.02 -23.53	18.27 0.17 -15.24	17.01 0.19 -13.69	14.79 0.19 -11.33	16.58 0.24 -12.39	15.43 0.08 -14.13	9.87 0.29 -5.37	16.80 1.05 0.00	62.06 3.82 0.00	33.14 2.17 0.00	46.11 3.02 0.00	41.77 2.67 0.00	55.04 3.24 0.00	19.45 1.28 0.00	22.94 1.59 0.00	21.03 1.23 -2.38	11.85 0.80 0.00	10.55 0.72 0.00	14.71 0.97 0.00	13.08 0.85 0.00	18.69 1.21 0.00	6.02 0.37 -0.03	2.86 0.17 -0.03
DELAWARE___LFGE 323621	7.83 -0.10 -10.92	9.54 -0.01 -9.80	9.30 0.10 -6.34	8.93 0.10 -5.70	8.10 0.11 -4.72	9.24 0.13 -5.16	7.15 0.04 -5.88	6.58 0.15 -2.22	17.32 0.61 -0.96	71.31 2.33 -10.74	36.36 1.19 -4.19	48.93 1.70 -4.14	50.31 1.58 -9.63	61.44 2.04 -7.60	19.46 0.69 -0.61	23.09 0.81 -0.94	19.27 0.64 -1.20	11.79 0.39 -0.34	10.17 0.35 0.00	15.33 0.51 -1.08	12.67 0.44 0.00	18.11 0.62 0.00	5.82 0.19 -0.01	2.75 0.09 -0.01
DOGLEVILLE___HYD 23807	-3.76 -0.07 0.71	-0.89 -0.01 0.64	2.50 0.05 0.41	2.80 0.05 0.37	3.02 0.06 0.31	3.69 0.08 0.34	0.88 0.03 0.38	4.22 0.15 0.15	16.41 0.65 0.00	60.57 2.33 0.00	32.07 1.10 0.00	44.60 1.51 0.00	40.41 1.31 0.00	53.51 1.70 0.00	18.69 0.53 0.00	22.06 0.71 0.00	17.99 0.63 0.07	11.44 0.39 0.00	10.17 0.34 0.00	14.18 0.45 0.00	12.57 0.35 0.00	17.92 0.43 0.00	5.77 0.14 0.00	2.72 0.06 0.00
DUNKIRK___1 23563	1.31 0.10 -4.20	3.54 0.02 -3.77	5.31 0.01 -2.44	5.34 0.02 -2.19	5.13 0.04 -1.81	5.98 0.05 -1.98	3.49 0.00 -2.26	5.70 -0.06 -1.55	43.13 -0.31 -27.68	361.02 0.22 -302.55	148.24 -0.47 -117.74	160.74 -0.78 -118.43	318.74 -0.52 -280.16	273.37 0.55 -221.02	35.30 -0.24 -17.38	47.39 -0.73 -26.77	24.90 -0.50 -7.97	20.34 -0.47 -9.75	9.48 -0.34 0.00	44.86 -0.35 -31.47	11.92 -0.31 0.00	17.08 -0.41 0.00	5.55 -0.08 0.00	2.61 -0.05 0.00
DUNKIRK___2 23564	1.31 0.10 -4.20	3.54 0.02 -3.77	5.31 0.01 -2.44	5.34 0.02 -2.19	5.13 0.04 -1.81	5.98 0.05 -1.98	3.49 0.00 -2.26	5.70 -0.06 -1.55	43.13 -0.31 -27.68	361.02 0.22 -302.55	148.24 -0.47 -117.74	160.74 -0.78 -118.43	318.74 -0.52 -280.16	273.37 0.55 -221.02	35.30 -0.24 -17.38	47.39 -0.73 -26.77	24.90 -0.50 -7.97	20.34 -0.47 -9.75	9.48 -0.34 0.00	44.86 -0.35 -31.47	11.92 -0.31 0.00	17.08 -0.41 0.00	5.55 -0.08 0.00	2.61 -0.05 0.00
DUNKIRK___3 23565	1.39 0.11 -4.26	3.60 0.02 -3.83	5.32 -0.02 -2.48	5.35 0.00 -2.23	5.13 0.02 -1.84	5.97 0.01 -2.01	3.51 -0.01 -2.30	5.66 -0.11 -1.56	42.78 -0.51 -27.54	359.23 -0.54 -301.52	147.98 -0.87 -117.88	160.68 -1.33 -118.92	317.26 -1.02 -279.18	272.05 -0.11 -220.35	35.33 -0.46 -17.63	47.62 -0.98 -27.25	24.68 -0.70 -7.94	20.41 -0.58 -9.94	9.38 -0.45 0.00	44.61 -0.49 -31.36	11.86 -0.37 0.00	17.00 -0.48 0.00	5.53 -0.10 0.00	2.60 -0.06 0.00
DUNKIRK___4 23566	1.39 0.11 -4.26	3.60 0.02 -3.83	5.32 -0.02 -2.48	5.35 0.00 -2.23	5.13 0.02 -1.84	5.97 0.01 -2.01	3.51 -0.01 -2.30	5.66 -0.11 -1.56	42.78 -0.51 -27.54	359.23 -0.54 -301.52	147.98 -0.87 -117.88	160.68 -1.33 -118.92	317.26 -1.02 -279.18	272.05 -0.11 -220.35	35.33 -0.46 -17.63	47.62 -0.98 -27.25	24.68 -0.70 -7.94	20.41 -0.58 -9.94	9.38 -0.45 0.00	44.61 -0.49 -31.36	11.86 -0.37 0.00	17.00 -0.48 0.00	5.53 -0.10 0.00	2.60 -0.06 0.00
EAST HAMPTON___GT 23717	22.41 -0.41 -25.81	22.88 -0.04 -23.16	18.24 0.37 -15.00	17.00 0.40 -13.48	15.83 0.44 -12.11	26.27 0.58 -21.75	53.43 0.19 -52.01	175.38 0.66 -170.52	99.54 2.47 -81.32	78.61 9.45 -10.91	51.34 5.07 -15.30	51.90 7.05 -1.76	46.99 6.30 -1.59	69.10 8.03 -9.27	210.71 2.99 -189.56	170.27 3.57 -145.35	145.29 2.74 -125.11	12.71 1.66 0.00	11.44 1.61 0.00	15.42 1.68 0.00	13.75 1.52 0.00	19.67 2.18 0.00	8.42 0.65 -2.15	2.99 0.30 -0.03
EAST RIVER___6 23660	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.13 4.89 0.00	33.73 2.75 0.00	46.94 3.84 0.00	42.55 3.45 0.00	56.00 4.20 0.00	19.82 1.66 0.00	23.43 2.08 0.00	21.32 1.60 -2.29	12.08 1.03 0.00	10.74 0.92 0.00	14.97 1.23 0.00	13.31 1.08 0.00	19.03 1.54 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
EAST RIVER___7 23524	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.13 4.89 0.00	33.73 2.75 0.00	46.94 3.84 0.00	42.55 3.45 0.00	56.00 4.20 0.00	19.82 1.66 0.00	23.43 2.08 0.00	21.32 1.60 -2.29	12.08 1.03 0.00	10.74 0.92 0.00	14.97 1.23 0.00	13.31 1.08 0.00	19.03 1.54 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
EAST_HAMPTON___DIESEL 23722	22.41 -0.41 -25.81	22.88 -0.04 -23.16	18.24 0.38 -15.00	17.00 0.40 -13.48	15.83 0.44 -12.11	26.27 0.58 -21.75	53.43 0.19 -52.01	175.38 0.66 -170.52	99.55 2.48 -81.32	78.63 9.48 -10.91	51.34 5.07 -15.30	51.90 7.05 -1.76	47.01 6.31 -1.59	69.10 8.03 -9.27	210.71 2.99 -189.56	170.28 3.58 -145.35	145.29 2.74 -125.11	12.72 1.66 0.00	11.44 1.62 0.00	15.42 1.69 0.00	13.75 1.53 0.00	19.67 2.18 0.00	8.42 0.65 -2.15	2.99 0.30 -0.03
EAST_RIVER___1 323558	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.44 0.31 -12.19	15.23 0.10 -13.91	9.85 0.36 -5.29	17.10 1.35 0.00	63.18 4.93 0.00	33.75 2.77 0.00	46.96 3.87 0.00	42.56 3.46 0.00	56.04 4.24 0.00	19.83 1.67 0.00	23.43 2.08 0.00	21.33 1.61 -2.29	12.09 1.03 0.00	10.75 0.92 0.00	14.98 1.24 0.00	13.32 1.09 0.00	19.03 1.54 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
EAST_RIVER___2 323559	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.09 1.34 0.00	63.13 4.89 0.00	33.73 2.75 0.00	46.94 3.84 0.00	42.55 3.45 0.00	56.00 4.20 0.00	19.82 1.66 0.00	23.43 2.08 0.00	21.32 1.60 -2.29	12.08 1.03 0.00	10.74 0.92 0.00	14.97 1.23 0.00	13.31 1.08 0.00	19.03 1.54 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
EAST___DELAWARE_HYD 23607	19.54 -0.13 -22.65	20.07 -0.02 -20.33	16.13 0.10 -13.17	15.07 0.11 -11.83	13.17 0.12 -9.79	14.81 0.15 -10.70	13.49 0.05 -12.21	8.98 0.20 -4.57	16.40 0.65 0.00	60.62 2.37 0.00	32.33 1.36 0.00	44.97 1.88 0.00	40.71 1.61 0.00	53.63 1.82 0.00	18.90 0.74 0.00	22.29 0.94 0.00	20.08 0.70 -1.95	11.52 0.46 0.00	10.26 0.43 0.00	14.33 0.59 0.00	12.73 0.50 0.00	18.17 0.69 0.00	5.84 0.19 -0.02	2.77 0.09 -0.02



ELEC_TRO_TEK 24086	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.11 0.25 -15.00	16.87 0.26 -13.48	15.66 0.28 -12.11	26.04 0.35 -21.75	53.35 0.11 -52.01	174.30 0.39 -169.71	98.05 1.44 -80.86	74.46 5.36 -10.86	49.25 2.97 -15.30	48.92 4.14 -1.69	44.32 3.65 -1.57	65.46 4.48 -9.18	207.42 1.76 -187.50	167.23 2.18 -143.70	142.78 1.60 -123.74	12.01 0.96 0.00	10.73 0.90 0.00	14.79 1.05 0.00	13.20 0.98 0.00	18.97 1.48 0.00	8.23 0.46 -2.15	2.92 0.23 -0.03
ELLENBURG_WT_PWR 323604	-27.70 0.34 25.05	-27.26 0.04 27.06	-29.50 -0.46 31.91	-30.00 -0.48 32.64	-18.17 -0.61 20.82	2.55 -0.74 0.65	-21.06 -0.20 22.09	-26.17 -0.64 29.75	-29.75 -2.18 43.33	-30.00 -10.24 78.00	-31.52 -5.03 57.46	-33.75 -6.40 70.44	-45.44 -6.40 78.15	-30.00 -8.70 73.10	-30.00 -2.94 45.22	-30.00 -3.38 47.97	-30.00 -2.77 44.66	-29.50 -1.59 38.97	2.94 -1.43 5.45	5.44 -2.08 6.21	-2.20 -1.92 12.51	-30.00 -2.60 44.89	-18.25 -0.89 22.98	-28.50 -0.39 30.77
EMPIRE_CC_1 323656	30.20 -0.12 -33.30	29.64 0.00 -29.88	22.33 0.12 -19.35	20.65 0.13 -17.39	17.79 0.13 -14.39	19.83 0.15 -15.73	19.22 0.05 -17.94	11.25 0.16 -6.88	16.33 0.57 0.00	60.16 1.91 0.00	32.02 1.05 0.00	44.52 1.43 0.00	40.36 1.26 0.00	53.34 1.54 0.00	18.75 0.59 0.00	22.07 0.72 0.00	21.14 0.61 -3.10	11.43 0.38 0.00	10.14 0.32 0.00	14.17 0.44 0.00	12.64 0.41 0.00	18.12 0.63 0.00	5.87 0.21 -0.04	2.80 0.10 -0.04
EMPIRE_CC_2 323658	30.20 -0.12 -33.30	29.64 0.00 -29.88	22.33 0.12 -19.35	20.65 0.13 -17.39	17.79 0.13 -14.39	19.83 0.15 -15.73	19.22 0.05 -17.94	11.25 0.16 -6.88	16.33 0.57 0.00	60.16 1.91 0.00	32.02 1.05 0.00	44.52 1.43 0.00	40.36 1.26 0.00	53.34 1.54 0.00	18.75 0.59 0.00	22.07 0.72 0.00	21.14 0.61 -3.10	11.43 0.38 0.00	10.14 0.32 0.00	14.17 0.44 0.00	12.64 0.41 0.00	18.12 0.63 0.00	5.87 0.21 -0.04	2.80 0.10 -0.04
ERIE_WT_PWR 323693	1.16 0.14 -4.00	3.37 0.02 -3.59	5.13 -0.06 -2.32	5.17 -0.05 -2.09	4.96 -0.04 -1.73	5.79 -0.05 -1.89	3.34 -0.04 -2.15	5.51 -0.23 -1.53	42.99 -0.91 -28.15	362.25 -1.89 -305.90	146.74 -1.53 -117.30	157.69 -2.24 -116.83	320.62 -1.84 -283.35	273.77 -1.21 -223.17	33.88 -0.85 -16.56	45.14 -1.42 -25.22	24.43 -1.04 -8.04	19.41 -0.78 -9.13	9.20 -0.63 0.00	44.81 -0.76 -31.83	11.62 -0.61 0.00	16.65 -0.84 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
E_CANADA_CAP_HY 24051	38.83 -0.11 -41.94	37.38 -0.01 -37.63	27.34 0.11 -24.37	25.15 0.13 -21.90	21.53 0.14 -18.12	23.93 0.17 -19.82	23.88 0.06 -22.60	13.06 0.20 -8.65	16.58 0.82 0.00	61.58 3.33 0.00	32.83 1.86 0.00	45.67 2.58 0.00	41.41 2.31 0.00	54.68 2.88 0.00	19.19 1.03 0.00	22.40 1.06 0.00	22.13 0.82 -3.88	11.57 0.52 0.00	10.27 0.45 0.00	14.42 0.68 0.00	12.84 0.61 0.00	18.28 0.80 0.00	5.88 0.21 -0.05	2.80 0.09 -0.05
E_CANADA_MHWK_HY 24050	-3.76 -0.07 0.71	-0.89 -0.01 0.64	2.50 0.05 0.41	2.80 0.05 0.37	3.02 0.06 0.31	3.69 0.08 0.34	0.88 0.03 0.38	4.22 0.15 0.15	16.41 0.65 0.00	60.57 2.33 0.00	32.07 1.10 0.00	44.60 1.51 0.00	40.41 1.31 0.00	53.51 1.70 0.00	18.69 0.53 0.00	22.06 0.71 0.00	17.99 0.63 0.07	11.44 0.39 0.00	10.17 0.34 0.00	14.18 0.45 0.00	12.57 0.35 0.00	17.92 0.43 0.00	5.77 0.14 0.00	2.72 0.06 0.00
E_FISHKILL___LBMP 23776	23.15 -0.21 -26.34	23.37 -0.02 -23.64	18.35 0.18 -15.31	17.08 0.19 -13.76	14.85 0.20 -11.38	16.64 0.25 -12.45	15.50 0.08 -14.20	9.90 0.29 -5.40	16.87 1.12 0.00	62.31 4.06 0.00	33.25 2.28 0.00	46.26 3.17 0.00	41.93 2.83 0.00	55.25 3.44 0.00	19.51 1.34 0.00	23.01 1.67 0.00	21.06 1.29 -2.34	11.89 0.83 0.00	10.57 0.75 0.00	14.75 1.01 0.00	13.11 0.89 0.00	18.76 1.27 0.00	6.05 0.39 -0.03	2.88 0.19 -0.03
FAR ROCKAWAY___4 23548	22.51 -0.31 -25.81	22.89 -0.04 -23.16	18.14 0.28 -15.00	16.90 0.30 -13.48	15.70 0.32 -12.11	26.09 0.40 -21.75	53.36 0.12 -52.01	176.23 0.44 -171.58	99.32 1.65 -81.92	75.36 6.14 -10.98	49.69 3.42 -15.30	49.74 4.78 -1.87	44.99 4.25 -1.63	66.46 5.27 -9.39	212.49 2.05 -192.28	171.40 2.51 -147.54	146.24 1.88 -126.92	12.20 1.14 0.00	10.91 1.08 0.00	15.05 1.31 0.00	13.43 1.20 0.00	19.27 1.79 0.00	8.32 0.55 -2.15	2.96 0.27 -0.03
FARRAGUT___LBMP 323566	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.09 1.33 0.00	63.08 4.83 0.00	33.71 2.73 0.00	46.90 3.80 0.00	42.50 3.40 0.00	55.95 4.14 0.00	19.80 1.64 0.00	23.40 2.05 0.00	21.30 1.57 -2.29	12.07 1.01 0.00	10.73 0.91 0.00	14.95 1.21 0.00	13.30 1.07 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.23 -0.03
FENNER___WINDPWR 24204	-1.58 0.00 -1.42	1.02 -0.01 -1.27	3.68 -0.01 -0.82	3.86 0.00 -0.74	3.88 0.00 -0.61	4.63 0.01 -0.67	2.00 0.01 -0.76	4.52 0.03 -0.28	15.92 0.16 0.00	59.07 0.83 0.00	31.51 0.53 0.00	43.87 0.78 0.00	39.64 0.54 0.00	52.57 0.76 0.00	18.36 0.20 0.00	21.51 0.17 0.00	17.70 0.16 -0.11	11.15 0.09 0.00	9.91 0.09 0.00	13.88 0.14 0.00	12.31 0.08 0.00	17.55 0.07 0.00	5.64 0.01 0.00	2.66 0.00 0.00
FIBERTEK___ENERGY 23856	-0.52 0.04 -2.42	1.94 0.00 -2.17	4.24 -0.03 -1.41	4.36 -0.03 -1.27	4.29 -0.03 -1.05	5.06 -0.03 -1.15	2.52 -0.01 -1.31	4.68 -0.03 -0.50	15.64 -0.12 0.00	57.96 -0.29 0.00	30.77 -0.21 0.00	42.78 -0.31 0.00	38.85 -0.25 0.00	51.58 -0.22 0.00	18.02 -0.14 0.00	21.11 -0.24 0.00	17.46 -0.17 -0.20	10.93 -0.12 0.00	9.71 -0.11 0.00	13.61 -0.13 0.00	12.10 -0.12 0.00	17.29 -0.20 0.00	5.57 -0.06 0.00	2.63 -0.03 0.00
FITZPATRICK____ 23598	-1.36 0.11 -1.52	1.13 0.01 -1.36	3.64 -0.10 -0.88	3.81 -0.11 -0.79	3.82 -0.11 -0.66	4.53 -0.13 -0.72	2.00 -0.04 -0.82	4.35 -0.16 -0.30	15.16 -0.59 0.00	56.13 -2.12 0.00	29.81 -1.16 0.00	41.46 -1.63 0.00	37.65 -1.45 0.00	49.99 -1.81 0.00	17.50 -0.67 0.00	20.53 -0.82 0.00	16.90 -0.65 -0.12	10.63 -0.42 0.00	9.45 -0.37 0.00	13.24 -0.50 0.00	11.78 -0.44 0.00	16.86 -0.63 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
FORT ORANGE____ 23900	29.91 -0.08 -32.98	29.34 0.00 -29.59	22.10 0.07 -19.16	20.43 0.08 -17.22	17.60 0.08 -14.25	19.62 0.10 -15.58	19.03 0.03 -17.77	11.17 0.12 -6.84	16.19 0.44 0.00	59.68 1.44 0.00	31.79 0.81 0.00	44.22 1.13 0.00	40.07 0.97 0.00	52.92 1.11 0.00	18.63 0.47 0.00	21.95 0.60 0.00	21.02 0.49 -3.09	11.37 0.32 0.00	10.10 0.28 0.00	14.11 0.37 0.00	12.55 0.32 0.00	17.99 0.50 0.00	5.83 0.17 -0.04	2.78 0.08 -0.04
FORT_DRUM_COGEN 23780	-2.31 0.01 -0.66	0.36 0.00 -0.59	3.15 -0.10 -0.39	3.36 -0.11 -0.35	3.43 -0.12 -0.29	4.14 -0.12 -0.31	1.55 -0.03 -0.36	4.22 -0.11 -0.12	15.32 -0.43 0.00	56.51 -1.74 0.00	30.64 -0.33 0.00	41.71 -1.39 0.00	37.98 -1.12 0.00	51.33 -0.47 0.00	17.97 -0.19 0.00	21.03 -0.32 0.00	17.24 -0.24 -0.05	10.94 -0.11 0.00	9.76 -0.07 0.00	13.70 -0.04 0.00	12.18 -0.04 0.00	17.34 -0.14 0.00	5.57 -0.06 0.00	2.63 -0.03 0.00



FPL FAR_ROCK_GT1 24212	22.51 -0.31 -25.81	22.89 -0.04 -23.16	18.14 0.28 -15.00	16.90 0.30 -13.48	15.70 0.32 -12.11	26.09 0.40 -21.75	53.36 0.12 -52.01	176.23 0.44 -171.58	99.32 1.65 -81.92	75.36 6.14 -10.98	49.69 3.42 -15.30	49.74 4.78 -1.87	44.99 4.25 -1.63	66.46 5.27 -9.39	212.49 2.05 -192.28	171.40 2.51 -147.54	146.24 1.88 -126.92	12.20 1.14 0.00	10.91 1.08 0.00	15.05 1.31 0.00	13.43 1.20 0.00	19.27 1.79 0.00	8.32 0.55 -2.15	2.96 0.27 -0.03
FPL FAR_ROCK_GT2 23815	22.51 -0.31 -25.81	22.89 -0.04 -23.16	18.14 0.28 -15.00	16.90 0.30 -13.48	15.70 0.32 -12.11	26.09 0.40 -21.75	53.36 0.12 -52.01	176.23 0.44 -171.58	99.32 1.65 -81.92	75.36 6.14 -10.98	49.69 3.42 -15.30	49.74 4.78 -1.87	44.99 4.25 -1.63	66.46 5.27 -9.39	212.49 2.05 -192.28	171.40 2.51 -147.54	146.24 1.88 -126.92	12.20 1.14 0.00	10.91 1.08 0.00	15.05 1.31 0.00	13.43 1.20 0.00	19.27 1.79 0.00	8.32 0.55 -2.15	2.96 0.27 -0.03
FRANKLIN_FALL_HYD 24054	-27.58 0.31 24.90	-27.12 0.04 26.92	-29.39 -0.43 31.82	-29.90 -0.46 32.57	-18.06 -0.57 20.76	2.68 -0.68 0.58	-20.96 -0.18 22.00	-26.10 -0.59 29.72	-29.60 -2.03 43.33	-29.49 -9.73 78.00	-31.16 -4.68 57.46	-33.26 -5.91 70.44	-45.03 -5.98 78.15	-29.43 -8.13 73.10	-29.82 -2.76 45.22	-29.80 -3.18 47.97	-29.82 -2.61 44.65	-29.42 -1.50 38.97	3.03 -1.34 5.45	5.58 -1.95 6.21	-2.06 -1.78 12.51	-29.86 -2.45 44.89	-18.18 -0.82 22.98	-28.48 -0.37 30.77
FREEPORT_EQUS_GT1 23764	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.13 0.27 -15.00	16.89 0.28 -13.48	15.68 0.30 -12.11	26.07 0.38 -21.75	53.36 0.12 -52.01	167.59 0.42 -162.97	94.36 1.55 -77.06	74.39 5.72 -10.42	49.41 3.14 -15.30	48.52 4.38 -1.05	44.33 3.88 -1.35	64.99 4.79 -8.40	190.31 1.87 -170.27	153.52 2.31 -129.87	131.44 1.71 -112.30	12.07 1.01 0.00	10.79 0.97 0.00	14.86 1.12 0.00	13.26 1.04 0.00	19.07 1.58 0.00	8.27 0.50 -2.15	2.94 0.25 -0.03
FREEPORT___CT2 23818	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.13 0.27 -15.00	16.89 0.28 -13.48	15.68 0.30 -12.11	26.07 0.38 -21.75	53.36 0.12 -52.01	167.59 0.42 -162.97	94.36 1.55 -77.06	74.39 5.72 -10.42	49.41 3.14 -15.30	48.52 4.38 -1.05	44.33 3.88 -1.35	64.99 4.79 -8.40	190.31 1.87 -170.27	153.52 2.31 -129.87	131.44 1.71 -112.30	12.07 1.01 0.00	10.79 0.97 0.00	14.86 1.12 0.00	13.26 1.04 0.00	19.07 1.58 0.00	8.27 0.50 -2.15	2.94 0.25 -0.03
FULTON COGEN____ 23766	-1.02 0.07 -1.89	1.47 0.01 -1.70	3.90 -0.06 -1.10	4.05 -0.07 -0.99	4.02 -0.07 -0.82	4.76 -0.08 -0.90	2.22 -0.03 -1.02	4.48 -0.10 -0.37	15.37 -0.39 0.00	56.91 -1.33 0.00	30.21 -0.76 0.00	42.00 -1.10 0.00	38.14 -0.96 0.00	50.71 -1.10 0.00	17.74 -0.43 0.00	20.80 -0.55 0.00	17.16 -0.43 -0.15	10.78 -0.28 0.00	9.59 -0.23 0.00	13.44 -0.30 0.00	11.97 -0.26 0.00	17.11 -0.37 0.00	5.51 -0.12 0.00	2.60 -0.06 0.00
FULTON___LFGE 323630	36.56 -0.27 -39.82	35.47 -0.02 -35.73	26.26 0.25 -23.14	24.20 0.28 -20.80	20.78 0.30 -17.21	23.15 0.39 -18.81	22.82 0.13 -21.46	12.91 0.47 -8.23	17.62 1.86 0.00	65.50 7.25 0.00	34.82 3.84 0.00	48.38 5.29 0.00	43.82 4.71 0.00	57.76 5.96 0.00	20.24 2.08 0.00	23.69 2.34 0.00	23.05 1.92 -3.69	12.29 1.23 0.00	10.96 1.13 0.00	15.40 1.66 0.00	13.69 1.46 0.00	19.43 1.94 0.00	6.24 0.57 -0.05	2.95 0.25 -0.05
G.F.CEMENT___DRP 24184	31.86 -0.21 -35.06	31.20 -0.01 -31.46	23.43 0.20 -20.37	21.65 0.22 -18.31	18.64 0.22 -15.15	20.78 0.27 -16.56	20.20 0.09 -18.89	11.77 0.31 -7.26	16.96 1.20 0.00	62.61 4.36 0.00	33.26 2.29 0.00	45.93 2.84 0.00	41.67 2.56 0.00	54.91 3.10 0.00	19.19 1.03 0.00	22.67 1.33 0.00	21.82 1.11 -3.27	11.79 0.74 0.00	10.50 0.67 0.00	14.71 0.97 0.00	13.10 0.88 0.00	18.72 1.24 0.00	6.05 0.38 -0.04	2.88 0.18 -0.04
GARDENVILLE___LBMP 24039	1.21 0.15 -4.05	3.41 0.02 -3.63	5.15 -0.06 -2.35	5.19 -0.05 -2.11	4.98 -0.04 -1.75	5.80 -0.06 -1.91	3.37 -0.04 -2.18	5.59 -0.24 -1.62	45.99 -0.94 -31.17	397.84 -2.03 -341.62	163.30 -1.61 -133.94	176.11 -2.35 -135.37	353.45 -1.94 -316.28	300.18 -1.34 -249.72	37.47 -0.88 -20.19	51.15 -1.48 -31.28	25.29 -1.08 -8.94	21.67 -0.81 -11.42	9.17 -0.66 0.00	48.48 -0.79 -35.53	11.60 -0.63 0.00	16.62 -0.86 0.00	5.42 -0.21 0.00	2.56 -0.10 0.00
GENERAL___MILLS 23808	1.16 0.14 -4.00	3.37 0.02 -3.59	5.13 -0.06 -2.32	5.17 -0.05 -2.09	4.96 -0.04 -1.73	5.79 -0.05 -1.89	3.34 -0.04 -2.15	5.51 -0.23 -1.53	42.99 -0.92 -28.15	362.23 -1.92 -305.90	146.72 -1.55 -117.30	157.66 -2.27 -116.83	320.58 -1.87 -283.35	273.74 -1.24 -223.17	33.88 -0.85 -16.56	45.13 -1.43 -25.22	24.43 -1.05 -8.04	19.40 -0.79 -9.13	9.19 -0.63 0.00	44.80 -0.76 -31.83	11.61 -0.62 0.00	16.64 -0.85 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
GE_PLASTICS___DRP 24183	30.22 -0.10 -33.31	29.64 -0.01 -29.89	22.31 0.09 -19.36	20.62 0.10 -17.40	17.76 0.10 -14.39	19.80 0.12 -15.74	19.21 0.04 -17.95	11.28 0.14 -6.93	16.24 0.49 0.00	59.88 1.64 0.00	31.88 0.91 0.00	44.34 1.25 0.00	40.20 1.10 0.00	53.11 1.31 0.00	18.69 0.52 0.00	22.01 0.67 0.00	21.12 0.54 -3.15	11.40 0.34 0.00	10.13 0.30 0.00	14.15 0.41 0.00	12.59 0.36 0.00	18.04 0.55 0.00	5.84 0.18 -0.04	2.78 0.09 -0.04
GILBOA___1 23756	21.85 -0.11 -24.95	22.13 -0.01 -22.39	17.47 0.10 -14.50	16.26 0.10 -13.03	14.17 0.12 -10.78	15.86 0.13 -11.79	14.71 0.04 -13.44	9.17 0.15 -4.80	16.31 0.56 0.00	60.27 2.02 0.00	32.03 1.06 0.00	44.56 1.47 0.00	40.50 1.40 0.00	53.54 1.73 0.00	18.78 0.62 0.00	22.15 0.80 0.00	19.99 0.63 -1.92	11.45 0.40 0.00	10.16 0.34 0.00	14.22 0.48 0.00	12.64 0.42 0.00	18.12 0.63 0.00	5.85 0.20 -0.02	2.78 0.09 -0.02
GILBOA___2 23757	21.85 -0.11 -24.95	22.13 -0.01 -22.39	17.47 0.10 -14.50	16.26 0.10 -13.03	14.17 0.12 -10.78	15.86 0.13 -11.79	14.71 0.04 -13.44	9.17 0.15 -4.80	16.31 0.56 0.00	60.27 2.02 0.00	32.03 1.06 0.00	44.56 1.47 0.00	40.50 1.40 0.00	53.54 1.73 0.00	18.78 0.62 0.00	22.15 0.80 0.00	19.99 0.63 -1.92	11.45 0.40 0.00	10.16 0.34 0.00	14.22 0.48 0.00	12.64 0.42 0.00	18.12 0.63 0.00	5.85 0.20 -0.02	2.78 0.09 -0.02
GILBOA___3 23758	21.85 -0.11 -24.95	22.13 -0.01 -22.39	17.47 0.10 -14.50	16.26 0.10 -13.03	14.17 0.12 -10.78	15.86 0.13 -11.79	14.71 0.04 -13.44	9.17 0.15 -4.80	16.31 0.56 0.00	60.27 2.02 0.00	32.03 1.06 0.00	44.56 1.47 0.00	40.50 1.40 0.00	53.54 1.73 0.00	18.78 0.62 0.00	22.15 0.80 0.00	19.99 0.63 -1.92	11.45 0.40 0.00	10.16 0.34 0.00	14.22 0.48 0.00	12.64 0.42 0.00	18.12 0.63 0.00	5.85 0.20 -0.02	2.78 0.09 -0.02
GILBOA___4 23759	21.85 -0.11 -24.95	22.13 -0.01 -22.39	17.47 0.10 -14.50	16.26 0.10 -13.03	14.17 0.12 -10.78	15.86 0.13 -11.79	14.71 0.04 -13.44	9.17 0.15 -4.80	16.31 0.56 0.00	60.27 2.02 0.00	32.03 1.06 0.00	44.56 1.47 0.00	40.50 1.40 0.00	53.54 1.73 0.00	18.78 0.62 0.00	22.15 0.80 0.00	19.99 0.63 -1.92	11.45 0.40 0.00	10.16 0.34 0.00	14.22 0.48 0.00	12.64 0.42 0.00	18.12 0.63 0.00	5.85 0.20 -0.02	2.78 0.09 -0.02



GILBOA____ 23599	21.85 -0.11 -24.95	22.13 -0.01 -22.39	17.47 0.10 -14.50	16.26 0.10 -13.03	14.17 0.12 -10.78	15.86 0.13 -11.79	14.71 0.04 -13.44	9.17 0.15 -4.80	16.31 0.56 0.00	60.27 2.02 0.00	32.03 1.06 0.00	44.56 1.47 0.00	40.50 1.40 0.00	53.54 1.73 0.00	18.78 0.62 0.00	22.15 0.80 0.00	19.99 0.63 -1.92	11.45 0.40 0.00	10.16 0.34 0.00	14.22 0.48 0.00	12.64 0.42 0.00	18.12 0.63 0.00	5.85 0.20 -0.02	2.78 0.09 -0.02
GINNA____ 23603	0.16 0.22 -2.93	2.41 0.02 -2.62	4.38 -0.18 -1.70	4.46 -0.19 -1.53	4.34 -0.19 -1.26	5.10 -0.23 -1.38	2.72 -0.08 -1.58	4.45 -0.31 -0.55	13.61 -1.15 0.99	42.31 -3.64 12.30	23.82 -2.10 5.05	34.85 -2.99 5.26	25.10 -2.60 11.40	39.86 -2.90 9.05	16.12 -1.18 0.86	18.42 -1.55 1.37	16.13 -1.22 0.08	9.74 -0.80 0.51	9.14 -0.68 0.00	11.57 -0.88 1.29	11.47 -0.76 0.00	16.36 -1.13 0.00	5.28 -0.35 0.00	2.49 -0.17 0.00
GLEN PARK____ 23778	-2.25 0.00 -0.74	0.42 0.00 -0.66	3.21 -0.09 -0.43	3.42 -0.09 -0.38	3.48 -0.11 -0.32	4.20 -0.10 -0.35	1.60 -0.02 -0.40	4.27 -0.08 -0.14	15.46 -0.29 0.00	57.06 -1.19 0.00	30.85 -0.12 0.00	42.13 -0.96 0.00	38.35 -0.75 0.00	51.70 -0.10 0.00	18.09 -0.07 0.00	21.17 -0.18 0.00	17.35 -0.13 -0.05	11.01 -0.05 0.00	9.83 0.00 0.00	13.81 0.07 0.00	12.27 0.04 0.00	17.46 -0.03 0.00	5.60 -0.02 0.00	2.64 -0.02 0.00
GLENWOOD_IC_1_G5 23712	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.10 0.24 -15.00	16.86 0.26 -13.48	15.65 0.27 -12.11	26.03 0.34 -21.75	53.35 0.11 -52.01	173.28 0.39 -168.68	97.50 1.46 -80.28	74.36 5.33 -10.79	49.22 2.95 -15.30	48.88 4.20 -1.59	44.33 3.70 -1.54	65.50 4.63 -9.06	204.85 1.81 -184.88	165.17 2.23 -141.60	141.07 1.64 -122.00	12.01 0.96 0.00	10.72 0.89 0.00	14.84 1.10 0.00	13.23 1.01 0.00	19.07 1.58 0.00	8.26 0.49 -2.15	2.93 0.24 -0.03
GLENWOOD_IC_2_G1 23688	22.56 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	15.64 0.26 -12.11	26.01 0.32 -21.75	53.34 0.10 -52.01	175.09 0.37 -170.52	98.46 1.39 -81.32	74.29 5.14 -10.91	49.14 2.86 -15.30	48.86 4.00 -1.76	44.26 3.56 -1.59	65.44 4.37 -9.27	209.43 1.71 -189.56	168.81 2.12 -145.35	144.14 1.60 -125.11	12.04 0.98 0.00	10.73 0.90 0.00	14.88 1.14 0.00	13.25 1.03 0.00	19.01 1.52 0.00	8.24 0.47 -2.15	2.92 0.23 -0.03
GLENWOOD_IC_3_G1 23689	22.56 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	15.64 0.26 -12.11	26.01 0.32 -21.75	53.34 0.10 -52.01	175.09 0.37 -170.52	98.46 1.39 -81.32	74.29 5.14 -10.91	49.14 2.86 -15.30	48.86 4.00 -1.76	44.26 3.56 -1.59	65.44 4.37 -9.27	209.43 1.71 -189.56	168.81 2.12 -145.35	144.14 1.60 -125.11	12.04 0.98 0.00	10.73 0.90 0.00	14.88 1.14 0.00	13.25 1.03 0.00	19.01 1.52 0.00	8.24 0.47 -2.15	2.92 0.23 -0.03
GLENWOOD____4 23550	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.10 0.24 -15.00	16.86 0.26 -13.48	15.65 0.27 -12.11	26.03 0.34 -21.75	53.35 0.11 -52.01	173.28 0.39 -168.68	97.50 1.46 -80.28	74.39 5.35 -10.79	49.25 2.98 -15.30	48.89 4.21 -1.59	44.35 3.72 -1.54	65.50 4.63 -9.06	204.85 1.81 -184.88	165.17 2.23 -141.60	141.09 1.65 -122.00	12.04 0.99 0.00	10.74 0.91 0.00	14.87 1.13 0.00	13.25 1.03 0.00	19.07 1.58 0.00	8.26 0.49 -2.15	2.93 0.24 -0.03
GLENWOOD____5 23614	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.10 0.24 -15.00	16.86 0.26 -13.48	15.65 0.27 -12.11	26.03 0.34 -21.75	53.35 0.11 -52.01	173.28 0.39 -168.68	97.50 1.46 -80.28	74.39 5.35 -10.79	49.25 2.98 -15.30	48.89 4.21 -1.59	44.35 3.72 -1.54	65.50 4.63 -9.06	204.85 1.81 -184.88	165.17 2.23 -141.60	141.09 1.65 -122.00	12.04 0.99 0.00	10.74 0.91 0.00	14.87 1.13 0.00	13.25 1.03 0.00	19.07 1.58 0.00	8.26 0.49 -2.15	2.93 0.24 -0.03
GLOBAL GREEN_PORT_GT1 23814	22.42 -0.41 -25.81	22.88 -0.04 -23.16	18.23 0.37 -15.00	17.00 0.40 -13.48	15.82 0.43 -12.11	26.26 0.57 -21.75	53.43 0.19 -52.01	175.37 0.65 -170.52	99.50 2.43 -81.32	78.49 9.33 -10.91	51.27 5.00 -15.30	51.81 6.95 -1.76	46.90 6.20 -1.59	68.97 7.90 -9.27	210.67 2.95 -189.56	170.23 3.53 -145.35	145.25 2.71 -125.11	12.69 1.64 0.00	11.41 1.59 0.00	15.39 1.65 0.00	13.72 1.50 0.00	19.63 2.15 0.00	8.41 0.64 -2.15	2.98 0.30 -0.03
GLOBE____DSASP 323697	1.04 0.22 -3.81	3.19 0.02 -3.42	4.94 -0.14 -2.21	4.99 -0.12 -1.99	4.80 -0.11 -1.65	5.57 -0.18 -1.80	3.20 -0.08 -2.05	4.95 -0.40 -1.14	29.00 -1.60 -14.85	215.11 -4.38 -161.25	74.70 -2.85 -46.58	74.87 -4.12 -35.90	184.91 -3.50 -149.31	162.88 -3.38 -114.46	16.41 -1.63 0.12	16.00 -2.36 2.99	20.03 -1.77 -4.37	8.25 -1.25 1.56	8.78 -1.04 0.00	29.18 -1.33 -16.77	11.14 -1.09 0.00	15.99 -1.50 0.00	5.23 -0.39 0.00	2.49 -0.17 0.00
GOETHSLN____LBMP 323567	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.83 0.23 -13.48	14.65 0.23 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.08 1.33 0.00	63.07 4.83 0.00	33.69 2.72 0.00	46.89 3.80 0.00	42.49 3.39 0.00	55.92 4.12 0.00	19.80 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.97 1.23 0.00	13.31 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
GOODYEAR_LAKE_HYD 323669	4.27 -0.11 -7.37	6.36 -0.01 -6.62	7.25 0.11 -4.29	7.09 0.11 -3.85	6.58 0.13 -3.19	7.58 0.15 -3.48	5.25 0.05 -3.97	5.90 0.19 -1.50	17.34 0.76 -0.82	70.54 3.05 -9.24	35.45 1.60 -2.88	47.74 2.29 -2.35	49.50 2.09 -8.30	60.91 2.70 -6.41	19.19 0.91 -0.11	22.44 1.04 -0.06	19.10 0.81 -0.85	11.55 0.50 0.00	10.27 0.45 0.00	15.32 0.65 -0.93	12.79 0.57 0.00	18.26 0.77 0.00	5.86 0.22 -0.01	2.76 0.10 -0.01
GOUDEY____7 23579	5.30 -0.02 -8.30	7.21 0.00 -7.45	7.74 0.06 -4.83	7.52 0.06 -4.34	6.93 0.07 -3.59	7.96 0.09 -3.92	5.73 0.03 -4.47	5.99 0.08 -1.70	18.51 0.32 -2.44	87.09 1.46 -27.39	42.24 0.57 -10.70	54.56 0.81 -10.65	64.79 0.86 -24.83	72.89 1.48 -19.60	20.12 0.40 -1.57	24.13 0.36 -2.42	19.10 0.31 -1.35	12.09 0.15 -0.88	9.98 0.15 0.00	16.78 0.25 -2.79	12.47 0.24 0.00	17.85 0.36 0.00	5.75 0.12 -0.01	2.71 0.05 -0.01
GOUDEY____8 23580	5.30 -0.02 -8.30	7.21 0.00 -7.45	7.74 0.05 -4.83	7.52 0.06 -4.34	6.93 0.07 -3.59	7.96 0.09 -3.92	5.73 0.03 -4.47	5.98 0.07 -1.70	18.49 0.30 -2.44	87.04 1.40 -27.39	42.21 0.54 -10.70	54.51 0.77 -10.65	64.75 0.82 -24.83	72.81 1.41 -19.60	20.11 0.38 -1.57	24.10 0.34 -2.42	19.08 0.30 -1.35	12.08 0.14 -0.88	9.97 0.14 0.00	16.76 0.24 -2.79	12.46 0.23 0.00	17.83 0.34 0.00	5.75 0.12 -0.01	2.71 0.05 -0.01
GOWANUS_GT1_1 24077	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02



GOWANUS_GT1_2 24078	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT1_3 24079	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT1_4 24080	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT1_5 24084	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT1_6 24111	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT1_7 24112	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT1_8 24113	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT2_1 24114	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT2_2 24115	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT2_3 24116	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT2_4 24117	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT2_5 24118	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT2_6 24119	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT2_7 24120	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT2_8 24121	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03



GOWANUS_GT3_1 24122	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT3_2 24123	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT3_3 24124	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT3_4 24125	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT3_5 24126	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT3_6 24127	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT3_7 24128	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT3_8 24129	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.17 1.42 0.00	63.24 4.99 0.00	33.87 2.90 0.01	47.11 4.02 0.01	42.96 3.58 -0.28	56.12 4.31 0.00	19.89 1.73 0.00	23.52 2.17 0.00	21.40 1.66 -2.30	20.46 1.06 -8.35	10.80 0.95 -0.02	15.03 1.27 -0.02	13.39 1.14 -0.02	19.12 1.62 -0.01	6.15 0.51 -0.02	2.92 0.25 -0.02
GOWANUS_GT4_1 24130	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT4_2 24131	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT4_3 24132	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT4_4 24133	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT4_5 24134	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT4_6 24135	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GOWANUS_GT4_7 24136	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03



GOWANUS_GT4_8 24137	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
GREENIDGE___3 23582	1.95 0.05 -4.88	4.15 0.01 -4.38	5.70 0.00 -2.84	5.68 0.00 -2.55	5.39 0.02 -2.11	6.27 0.02 -2.31	3.86 0.01 -2.64	5.27 0.00 -1.06	19.37 0.06 -3.56	98.80 0.86 -39.69	46.56 0.16 -15.43	58.67 0.19 -15.39	75.74 0.31 -36.32	81.49 1.03 -28.65	20.56 0.15 -2.24	24.76 -0.03 -3.45	18.85 0.03 -1.39	12.26 -0.05 -1.26	9.80 -0.02 0.00	17.84 0.03 -4.07	12.26 0.04 0.00	17.52 0.04 0.00	5.65 0.02 0.00	2.66 0.00 0.00
GREENIDGE___4 23583	1.95 0.05 -4.88	4.15 0.01 -4.38	5.70 0.00 -2.84	5.68 0.00 -2.55	5.39 0.02 -2.11	6.27 0.02 -2.31	3.86 0.01 -2.64	5.27 0.00 -1.06	19.37 0.06 -3.56	98.80 0.86 -39.69	46.56 0.16 -15.43	58.67 0.19 -15.39	75.74 0.31 -36.32	81.49 1.03 -28.65	20.56 0.15 -2.24	24.76 -0.03 -3.45	18.85 0.03 -1.39	12.26 -0.05 -1.26	9.80 -0.02 0.00	17.84 0.03 -4.07	12.26 0.04 0.00	17.52 0.04 0.00	5.65 0.02 0.00	2.66 0.00 0.00
GROVEVILLE___HYD 323602	23.11 -0.25 -26.34	23.37 -0.03 -23.64	18.38 0.21 -15.31	17.11 0.23 -13.76	14.88 0.23 -11.38	16.69 0.29 -12.45	15.52 0.10 -14.20	9.96 0.35 -5.40	17.12 1.36 0.00	63.48 5.23 0.00	33.76 2.78 0.00	46.98 3.89 0.00	42.57 3.47 0.00	56.12 4.31 0.00	19.80 1.63 0.00	23.36 2.01 0.00	21.39 1.58 -2.38	12.07 1.02 0.00	10.75 0.92 0.00	15.01 1.27 0.00	13.33 1.10 0.00	19.04 1.56 0.00	6.13 0.48 -0.03	2.91 0.22 -0.03
HAMPSHIRE___PAPER_HYD 323593	-2.79 0.20 0.00	-0.22 0.02 0.00	2.59 -0.28 0.00	2.82 -0.30 0.00	2.92 -0.35 0.00	3.55 -0.40 0.00	1.12 -0.11 0.00	3.83 -0.38 0.00	14.36 -1.39 0.00	51.91 -6.33 0.00	28.16 -2.81 0.00	39.24 -3.86 0.00	35.29 -3.81 0.00	46.90 -4.90 0.00	16.47 -1.69 0.00	19.35 -2.00 0.00	15.77 -1.66 0.00	10.09 -0.96 0.00	8.99 -0.83 0.00	12.54 -1.20 0.00	11.12 -1.10 0.00	15.90 -1.58 0.00	5.14 -0.49 0.00	2.43 -0.22 0.00
HARDSCRABBLE_WT_PWR 323673	-3.74 -0.04 0.71	-0.89 -0.01 0.64	2.48 0.03 0.41	2.78 0.03 0.37	3.00 0.03 0.31	3.66 0.05 0.34	0.87 0.03 0.38	4.19 0.12 0.15	16.29 0.53 0.00	60.16 1.91 0.00	31.89 0.91 0.00	44.36 1.27 0.00	40.20 1.10 0.00	53.20 1.40 0.00	18.59 0.43 0.00	21.94 0.59 0.00	17.88 0.51 0.07	11.36 0.30 0.00	10.07 0.24 0.00	14.04 0.31 0.00	12.46 0.23 0.00	17.75 0.26 0.00	5.71 0.09 0.00	2.69 0.04 0.00
HARZA MOOSE___RIVER 24016	-2.97 0.01 0.00	-0.24 0.00 0.00	2.82 -0.04 0.00	3.08 -0.04 0.00	3.22 -0.05 0.00	3.90 -0.04 0.00	1.22 -0.01 0.00	4.19 -0.02 0.00	15.71 -0.04 0.00	57.93 -0.32 0.00	31.01 0.04 0.00	43.03 -0.06 0.00	38.97 -0.13 0.00	51.84 0.03 0.00	18.14 -0.03 0.00	21.26 -0.08 0.00	17.37 -0.06 0.00	11.04 -0.01 0.00	9.84 0.02 0.00	13.78 0.04 0.00	12.24 0.01 0.00	17.44 -0.05 0.00	5.60 -0.02 0.00	2.64 -0.01 0.00
HEMPSTEAD___ 23647	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.11 0.25 -15.00	16.87 0.26 -13.48	15.66 0.28 -12.11	26.04 0.35 -21.75	53.35 0.11 -52.01	171.75 0.39 -167.15	96.62 1.45 -79.42	74.34 5.40 -10.69	49.25 2.98 -15.30	48.72 4.18 -1.45	44.27 3.69 -1.48	65.22 4.53 -8.88	200.92 1.80 -180.96	162.01 2.21 -138.45	138.45 1.62 -119.40	12.02 0.96 0.00	10.73 0.91 0.00	14.80 1.06 0.00	13.21 0.98 0.00	19.00 1.51 0.00	8.24 0.47 -2.15	2.92 0.23 -0.03
HICKLING___1 23621	3.38 0.01 -6.36	5.47 0.01 -5.70	6.62 0.06 -3.70	6.52 0.07 -3.32	6.11 0.10 -2.75	7.07 0.12 -3.00	4.68 0.03 -3.43	5.69 0.10 -1.39	21.10 0.43 -4.92	115.92 2.32 -55.36	53.41 0.80 -21.64	65.92 1.17 -21.66	91.00 1.24 -50.65	94.22 2.43 -39.98	21.94 0.58 -3.20	26.71 0.42 -4.94	19.74 0.41 -1.90	13.01 0.16 -1.80	10.00 0.17 0.00	19.73 0.31 -5.69	12.50 0.28 0.00	17.91 0.42 0.00	5.78 0.15 -0.01	2.72 0.06 -0.01
HICKLING___2 23622	3.38 0.01 -6.36	5.47 0.01 -5.70	6.62 0.06 -3.70	6.52 0.07 -3.32	6.11 0.10 -2.75	7.07 0.12 -3.00	4.68 0.03 -3.43	5.69 0.10 -1.39	21.10 0.43 -4.92	115.92 2.32 -55.36	53.41 0.80 -21.64	65.92 1.17 -21.66	91.00 1.24 -50.65	94.22 2.43 -39.98	21.94 0.58 -3.20	26.71 0.42 -4.94	19.74 0.41 -1.90	13.01 0.16 -1.80	10.00 0.17 0.00	19.73 0.31 -5.69	12.50 0.28 0.00	17.91 0.42 0.00	5.78 0.15 -0.01	2.72 0.06 -0.01
HIGH FALLS___HY 23754	22.12 -0.19 -25.30	22.43 -0.02 -22.70	17.71 0.15 -14.70	16.50 0.17 -13.21	14.37 0.17 -10.93	16.12 0.22 -11.95	14.93 0.08 -13.63	9.65 0.28 -5.16	16.77 1.02 0.00	62.02 3.77 0.00	33.10 2.12 0.00	46.02 2.92 0.00	41.63 2.52 0.00	54.87 3.07 0.00	19.34 1.18 0.00	22.80 1.46 0.00	20.81 1.12 -2.26	11.78 0.73 0.00	10.49 0.67 0.00	14.66 0.92 0.00	13.03 0.80 0.00	18.61 1.12 0.00	5.98 0.33 -0.03	2.83 0.15 -0.03
HILLBURN___GT 23639	21.50 -0.24 -24.73	21.92 -0.03 -22.19	17.43 0.20 -14.37	16.26 0.22 -12.92	14.17 0.22 -10.68	15.91 0.28 -11.68	14.64 0.09 -13.33	9.59 0.33 -5.06	17.00 1.25 0.00	62.77 4.53 0.00	33.52 2.55 0.00	46.65 3.56 0.00	42.28 3.17 0.00	55.64 3.84 0.00	19.65 1.49 0.00	23.20 1.85 0.00	21.03 1.42 -2.18	11.97 0.91 0.00	10.64 0.82 0.00	14.85 1.11 0.00	13.22 1.00 0.00	18.92 1.43 0.00	6.09 0.44 -0.03	2.90 0.21 -0.03
HISHELDN_WT_PWR 323625	1.61 0.17 -4.43	3.76 0.02 -3.98	5.35 -0.09 -2.58	5.36 -0.08 -2.32	5.11 -0.08 -1.92	5.94 -0.10 -2.10	3.57 -0.05 -2.39	5.32 -0.23 -1.35	32.97 -0.88 -18.09	261.60 -1.80 -205.16	110.02 -1.46 -80.51	122.34 -2.15 -81.40	227.21 -1.75 -189.86	200.56 -1.16 -149.92	29.53 -0.79 -12.16	38.86 -1.34 -18.85	21.97 -0.99 -5.53	17.20 -0.74 -6.89	9.21 -0.61 0.00	34.29 -0.77 -21.33	11.56 -0.66 0.00	16.59 -0.90 0.00	5.40 -0.23 0.00	2.54 -0.12 0.00
HOLTSVILLE_IC_1 23690	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.70 0.32 -12.11	26.11 0.41 -21.75	53.37 0.14 -52.01	175.18 0.46 -170.52	98.77 1.70 -81.32	75.67 6.51 -10.91	49.77 3.50 -15.30	49.74 4.89 -1.76	45.02 4.33 -1.59	66.48 5.40 -9.27	209.82 2.09 -189.56	169.24 2.54 -145.35	144.41 1.87 -125.11	12.14 1.09 0.00	10.87 1.04 0.00	14.79 1.05 0.00	13.22 0.99 0.00	19.01 1.52 0.00	8.24 0.47 -2.15	2.92 0.23 -0.03
HOLTSVILLE_IC_10 23699	22.51 -0.31 -25.81	22.89 -0.03 -23.16	18.15 0.29 -15.00	16.91 0.31 -13.48	15.72 0.34 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.48 -170.52	98.87 1.80 -81.32	76.14 6.98 -10.91	50.03 3.75 -15.30	50.10 5.24 -1.76	45.37 4.67 -1.59	66.94 5.86 -9.27	209.97 2.25 -189.56	169.43 2.73 -145.35	144.53 1.98 -125.11	12.23 1.17 0.00	10.96 1.14 0.00	14.89 1.16 0.00	13.31 1.09 0.00	19.14 1.65 0.00	8.28 0.51 -2.15	2.93 0.25 -0.03



HOLTSVILLE_IC_2 23691	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.70 0.32 -12.11	26.11 0.41 -21.75	53.37 0.14 -52.01	175.18 0.46 -170.52	98.77 1.70 -81.32	75.67 6.51 -10.91	49.77 3.50 -15.30	49.74 4.89 -1.76	45.02 4.33 -1.59	66.48 5.40 -9.27	209.82 2.09 -189.56	169.24 2.54 -145.35	144.41 1.87 -125.11	12.14 1.09 0.00	10.87 1.04 0.00	14.79 1.05 0.00	13.22 0.99 0.00	19.01 1.52 0.00	8.24 0.47 -2.15	2.92 0.23 -0.03
HOLTSVILLE_IC_3 23692	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.70 0.32 -12.11	26.11 0.41 -21.75	53.37 0.14 -52.01	175.18 0.46 -170.52	98.77 1.70 -81.32	75.67 6.51 -10.91	49.77 3.50 -15.30	49.74 4.89 -1.76	45.02 4.33 -1.59	66.48 5.40 -9.27	209.82 2.09 -189.56	169.24 2.54 -145.35	144.41 1.87 -125.11	12.14 1.09 0.00	10.87 1.04 0.00	14.79 1.05 0.00	13.22 0.99 0.00	19.01 1.52 0.00	8.24 0.47 -2.15	2.92 0.23 -0.03
HOLTSVILLE_IC_4 23693	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.70 0.32 -12.11	26.11 0.41 -21.75	53.37 0.14 -52.01	175.18 0.46 -170.52	98.77 1.70 -81.32	75.67 6.51 -10.91	49.77 3.50 -15.30	49.74 4.89 -1.76	45.02 4.33 -1.59	66.48 5.40 -9.27	209.82 2.09 -189.56	169.24 2.54 -145.35	144.41 1.87 -125.11	12.14 1.09 0.00	10.87 1.04 0.00	14.79 1.05 0.00	13.22 0.99 0.00	19.01 1.52 0.00	8.24 0.47 -2.15	2.92 0.23 -0.03
HOLTSVILLE_IC_5 23694	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.70 0.32 -12.11	26.11 0.41 -21.75	53.37 0.14 -52.01	175.18 0.46 -170.52	98.77 1.70 -81.32	75.67 6.51 -10.91	49.77 3.50 -15.30	49.74 4.89 -1.76	45.02 4.33 -1.59	66.48 5.40 -9.27	209.82 2.09 -189.56	169.24 2.54 -145.35	144.41 1.87 -125.11	12.14 1.09 0.00	10.87 1.04 0.00	14.79 1.05 0.00	13.22 0.99 0.00	19.01 1.52 0.00	8.24 0.47 -2.15	2.92 0.23 -0.03
HOLTSVILLE_IC_6 23695	22.51 -0.31 -25.81	22.89 -0.03 -23.16	18.15 0.29 -15.00	16.91 0.31 -13.48	15.72 0.34 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.48 -170.52	98.87 1.80 -81.32	76.14 6.98 -10.91	50.03 3.75 -15.30	50.10 5.24 -1.76	45.37 4.67 -1.59	66.94 5.86 -9.27	209.97 2.25 -189.56	169.43 2.73 -145.35	144.53 1.98 -125.11	12.23 1.17 0.00	10.96 1.14 0.00	14.89 1.16 0.00	13.31 1.09 0.00	19.14 1.65 0.00	8.28 0.51 -2.15	2.93 0.25 -0.03
HOLTSVILLE_IC_7 23696	22.51 -0.31 -25.81	22.89 -0.03 -23.16	18.15 0.29 -15.00	16.91 0.31 -13.48	15.72 0.34 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.48 -170.52	98.87 1.80 -81.32	76.14 6.98 -10.91	50.03 3.75 -15.30	50.10 5.24 -1.76	45.37 4.67 -1.59	66.94 5.86 -9.27	209.97 2.25 -189.56	169.43 2.73 -145.35	144.53 1.98 -125.11	12.23 1.17 0.00	10.96 1.14 0.00	14.89 1.16 0.00	13.31 1.09 0.00	19.14 1.65 0.00	8.28 0.51 -2.15	2.93 0.25 -0.03
HOLTSVILLE_IC_8 23697	22.51 -0.31 -25.81	22.89 -0.03 -23.16	18.15 0.29 -15.00	16.91 0.31 -13.48	15.72 0.34 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.48 -170.52	98.87 1.80 -81.32	76.14 6.98 -10.91	50.03 3.75 -15.30	50.10 5.24 -1.76	45.37 4.67 -1.59	66.94 5.86 -9.27	209.97 2.25 -189.56	169.43 2.73 -145.35	144.53 1.98 -125.11	12.23 1.17 0.00	10.96 1.14 0.00	14.89 1.16 0.00	13.31 1.09 0.00	19.14 1.65 0.00	8.28 0.51 -2.15	2.93 0.25 -0.03
HOLTSVILLE_IC_9 23698	22.51 -0.31 -25.81	22.89 -0.03 -23.16	18.15 0.29 -15.00	16.91 0.31 -13.48	15.72 0.34 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.48 -170.52	98.87 1.80 -81.32	76.14 6.98 -10.91	50.03 3.75 -15.30	50.10 5.24 -1.76	45.37 4.67 -1.59	66.94 5.86 -9.27	209.97 2.25 -189.56	169.43 2.73 -145.35	144.53 1.98 -125.11	12.23 1.17 0.00	10.96 1.14 0.00	14.89 1.16 0.00	13.31 1.09 0.00	19.14 1.65 0.00	8.28 0.51 -2.15	2.93 0.25 -0.03
HOWARD_WT_PWR 323690	2.42 0.08 -5.32	4.56 0.02 -4.78	5.92 -0.03 -3.09	5.87 -0.04 -2.78	5.54 -0.02 -2.30	6.43 -0.03 -2.52	4.08 -0.01 -2.87	5.39 -0.04 -1.22	22.27 -0.10 -6.61	133.48 0.98 -74.26	59.99 0.03 -28.99	72.18 -0.02 -29.10	107.49 0.09 -68.30	106.71 1.00 -53.90	22.45 0.00 -4.29	27.64 -0.33 -6.63	19.55 -0.18 -2.30	13.23 -0.24 -2.42	9.64 -0.18 0.00	21.16 -0.25 -7.67	11.98 -0.25 0.00	17.13 -0.36 0.00	5.55 -0.08 0.00	2.62 -0.04 0.00
HQ_GEN_CEDARS 23644	-27.50 0.38 24.89	-27.12 0.04 26.92	-29.44 -0.48 31.82	-29.96 -0.52 32.56	-18.10 -0.61 20.76	2.65 -0.71 0.58	-20.97 -0.19 22.00	-26.18 -0.67 29.72	-30.06 -2.48 43.33	-31.29 -11.54 78.00	-31.97 -5.49 57.46	-33.94 -6.60 70.44	-45.66 -6.62 78.15	-30.26 -8.96 73.10	-30.09 -3.03 45.22	-30.12 -3.50 47.97	-30.08 -2.87 44.65	-29.60 -1.69 38.97	2.88 -1.49 5.45	5.31 -2.21 6.21	-2.35 -2.07 12.51	-30.41 -3.01 44.89	-18.28 -0.93 22.98	-28.54 -0.43 30.77
HQ_GEN_CEDARS_PROXY 323590	-27.50 0.38 24.89	-27.12 0.04 26.92	-29.44 -0.48 31.82	-29.96 -0.52 32.56	-18.10 -0.61 20.76	3.76 -0.71 -0.53	-20.97 -0.19 22.00	-26.18 -0.67 29.72	-30.06 -2.48 43.33	-31.29 -11.54 78.00	-31.97 -5.49 57.46	-33.94 -6.60 70.44	-45.66 -6.62 78.15	-30.26 -8.96 73.10	-30.09 -3.03 45.22	-30.12 -3.50 47.97	-30.08 -2.87 44.65	-29.60 -1.69 38.97	2.88 -1.49 5.45	5.31 -2.21 6.21	-2.35 -2.07 12.51	-30.41 -3.01 44.89	-18.28 -0.93 22.98	-28.54 -0.43 30.77
HQ_GEN_IMPORT 323601	-26.65 0.00 23.66	-26.06 0.00 25.81	-28.24 0.00 31.10	-28.80 0.00 31.92	-16.96 0.00 20.23	3.95 0.00 0.00	-20.12 0.00 21.34	-25.26 0.00 29.47	-27.58 0.00 43.33	-19.75 0.00 78.00	-26.49 0.00 57.46	-27.35 0.00 70.44	-39.04 0.00 78.15	-21.58 0.00 73.38	-33.63 0.00 51.80	-26.62 0.00 47.97	-27.90 0.00 45.33	-22.69 0.00 33.75	-2.54 0.00 12.36	-0.31 0.00 14.05	-0.28 0.00 12.51	-27.40 0.00 44.89	-17.36 0.00 22.98	-28.11 0.00 30.76
HQ_GEN_WHEEL 23651	-26.65 0.00 23.66	-26.06 0.00 25.81	-28.24 0.00 31.10	-28.80 0.00 31.92	-16.96 0.00 20.23	3.95 0.00 0.00	-20.12 0.00 21.34	-25.26 0.00 29.47	-27.58 0.00 43.33	-19.75 0.00 78.00	-26.49 0.00 57.46	-27.35 0.00 70.44	-39.04 0.00 78.15	-21.58 0.00 73.38	-33.63 0.00 51.80	-26.62 0.00 47.97	-27.90 0.00 45.33	-22.69 0.00 33.75	-2.54 0.00 12.36	-0.31 0.00 14.05	-0.28 0.00 12.51	-27.40 0.00 44.89	-17.36 0.00 22.98	-28.11 0.00 30.76
HUDSON_AVE_GT_3 23810	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.85 0.36 -5.29	17.12 1.37 0.00	63.22 4.98 0.00	33.78 2.80 0.00	46.99 3.90 0.00	42.60 3.50 0.00	56.07 4.27 0.00	19.84 1.68 0.00	23.45 2.10 0.00	21.35 1.62 -2.29	12.10 1.04 0.00	10.76 0.93 0.00	14.99 1.25 0.00	13.33 1.10 0.00	19.05 1.56 0.00	6.14 0.49 -0.03	2.92 0.24 -0.03
HUDSON_AVE_GT_4 23540	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.85 0.36 -5.29	17.12 1.37 0.00	63.22 4.98 0.00	33.78 2.80 0.00	46.99 3.90 0.00	42.60 3.50 0.00	56.07 4.27 0.00	19.84 1.68 0.00	23.45 2.10 0.00	21.35 1.62 -2.29	12.10 1.04 0.00	10.76 0.93 0.00	14.99 1.25 0.00	13.33 1.10 0.00	19.05 1.56 0.00	6.14 0.49 -0.03	2.92 0.24 -0.03



HUDSON AVE_GT_5 23657	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.85 0.36 -5.29	17.12 1.37 0.00	63.22 4.98 0.00	33.78 2.80 0.00	46.99 3.90 0.00	42.60 3.50 0.00	56.07 4.27 0.00	19.84 1.68 0.00	23.45 2.10 0.00	21.35 1.62 -2.29	12.10 1.04 0.00	10.76 0.93 0.00	14.99 1.25 0.00	13.33 1.10 0.00	19.05 1.56 0.00	6.14 0.49 -0.03	2.92 0.24 -0.03
HUDSON AVE_10 24168	22.57 -0.25 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.83 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.23 0.09 -13.91	9.84 0.34 -5.29	17.06 1.31 0.00	62.97 4.73 0.00	33.64 2.66 0.00	46.82 3.72 0.00	42.44 3.34 0.00	55.85 4.04 0.00	19.78 1.61 0.00	23.39 2.04 0.00	21.27 1.55 -2.29	12.07 1.01 0.00	10.72 0.90 0.00	14.94 1.20 0.00	13.28 1.06 0.00	18.98 1.49 0.00	6.11 0.46 -0.03	2.91 0.23 -0.03
HUNTER MOUNT___DRP 323613	25.05 -0.20 -28.23	25.08 -0.02 -25.33	19.45 0.17 -16.41	18.06 0.19 -14.75	15.66 0.19 -12.20	17.53 0.24 -13.34	16.52 0.08 -15.21	10.31 0.29 -5.81	16.85 1.09 0.00	62.30 4.06 0.00	33.18 2.21 0.00	46.13 3.03 0.00	41.81 2.71 0.00	55.17 3.36 0.00	19.40 1.24 0.00	22.85 1.50 0.00	21.26 1.22 -2.61	11.84 0.79 0.00	10.55 0.72 0.00	14.75 1.01 0.00	13.11 0.88 0.00	18.73 1.24 0.00	6.03 0.38 -0.03	2.86 0.17 -0.03
HUNTINGTON_RES_REC 323705	22.53 -0.30 -25.81	22.89 -0.03 -23.16	18.13 0.27 -15.00	16.89 0.28 -13.48	15.69 0.31 -12.11	26.09 0.40 -21.75	53.36 0.13 -52.01	175.17 0.44 -170.52	98.71 1.63 -81.32	75.34 6.18 -10.91	49.64 3.36 -15.30	49.54 4.68 -1.76	44.85 4.15 -1.59	66.23 5.15 -9.27	209.73 2.00 -189.56	169.17 2.47 -145.35	144.35 1.81 -125.11	12.10 1.05 0.00	10.84 1.02 0.00	14.84 1.10 0.00	13.26 1.04 0.00	19.08 1.60 0.00	8.27 0.50 -2.15	2.93 0.25 -0.03
HUNTLEY___63 23557	0.97 0.15 -3.81	3.20 0.02 -3.42	5.02 -0.06 -2.22	5.08 -0.04 -1.99	4.88 -0.04 -1.65	5.69 -0.06 -1.80	3.23 -0.05 -2.06	5.22 -0.28 -1.29	35.22 -1.13 -20.59	268.99 -2.69 -213.44	101.90 -1.95 -72.88	106.64 -2.87 -66.41	234.39 -2.38 -197.67	203.76 -1.88 -153.84	23.43 -1.09 -6.35	27.65 -1.73 -8.02	21.85 -1.27 -5.69	12.75 -0.93 -2.63	9.07 -0.75 0.00	35.02 -0.92 -22.20	11.50 -0.73 0.00	16.51 -0.98 0.00	5.40 -0.23 0.00	2.56 -0.10 0.00
HUNTLEY___64 23558	0.97 0.15 -3.81	3.20 0.02 -3.42	5.02 -0.06 -2.22	5.08 -0.04 -1.99	4.88 -0.04 -1.65	5.69 -0.06 -1.80	3.23 -0.05 -2.06	5.22 -0.28 -1.29	35.22 -1.13 -20.59	268.99 -2.69 -213.44	101.90 -1.95 -72.88	106.64 -2.87 -66.41	234.39 -2.38 -197.67	203.76 -1.88 -153.84	23.43 -1.09 -6.35	27.65 -1.73 -8.02	21.85 -1.27 -5.69	12.75 -0.93 -2.63	9.07 -0.75 0.00	35.02 -0.92 -22.20	11.50 -0.73 0.00	16.51 -0.98 0.00	5.40 -0.23 0.00	2.56 -0.10 0.00
HUNTLEY___65 23559	0.97 0.15 -3.81	3.20 0.02 -3.42	5.02 -0.06 -2.22	5.08 -0.04 -1.99	4.88 -0.04 -1.65	5.69 -0.06 -1.80	3.23 -0.05 -2.06	5.22 -0.28 -1.29	35.22 -1.13 -20.59	268.99 -2.69 -213.44	101.90 -1.95 -72.88	106.64 -2.87 -66.41	234.39 -2.38 -197.67	203.76 -1.88 -153.84	23.43 -1.09 -6.35	27.65 -1.73 -8.02	21.85 -1.27 -5.69	12.75 -0.93 -2.63	9.07 -0.75 0.00	35.02 -0.92 -22.20	11.50 -0.73 0.00	16.51 -0.98 0.00	5.40 -0.23 0.00	2.56 -0.10 0.00
HUNTLEY___66 23560	0.97 0.15 -3.81	3.20 0.02 -3.42	5.02 -0.06 -2.22	5.08 -0.04 -1.99	4.88 -0.04 -1.65	5.69 -0.06 -1.80	3.23 -0.05 -2.06	5.22 -0.28 -1.29	35.22 -1.13 -20.59	268.99 -2.69 -213.44	101.90 -1.95 -72.88	106.64 -2.87 -66.41	234.39 -2.38 -197.67	203.76 -1.88 -153.84	23.43 -1.09 -6.35	27.65 -1.73 -8.02	21.85 -1.27 -5.69	12.75 -0.93 -2.63	9.07 -0.75 0.00	35.02 -0.92 -22.20	11.50 -0.73 0.00	16.51 -0.98 0.00	5.40 -0.23 0.00	2.56 -0.10 0.00
HUNTLEY___67 23561	1.10 0.18 -3.91	3.29 0.03 -3.51	5.04 -0.09 -2.27	5.09 -0.08 -2.04	4.88 -0.08 -1.69	5.69 -0.10 -1.85	3.27 -0.06 -2.10	5.92 -0.30 -2.01	61.92 -1.21 -47.38	571.68 -3.07 -516.50	235.64 -2.13 -206.80	251.84 -3.09 -211.84	514.45 -2.62 -477.96	427.80 -2.26 -378.26	49.98 -1.20 -33.02	71.38 -1.84 -51.87	29.41 -1.37 -13.34	29.13 -0.98 -19.06	9.02 -0.81 0.00	66.42 -1.01 -53.69	11.42 -0.81 0.00	16.37 -1.12 0.00	5.34 -0.28 0.00	2.53 -0.13 0.00
HUNTLEY___68 23562	1.10 0.18 -3.91	3.29 0.03 -3.51	5.04 -0.09 -2.27	5.09 -0.08 -2.04	4.88 -0.08 -1.69	5.69 -0.10 -1.85	3.27 -0.06 -2.10	5.92 -0.30 -2.01	61.92 -1.21 -47.38	571.68 -3.07 -516.50	235.64 -2.13 -206.80	251.84 -3.09 -211.84	514.45 -2.62 -477.96	427.80 -2.26 -378.26	49.98 -1.20 -33.02	71.38 -1.84 -51.87	29.41 -1.37 -13.34	29.13 -0.98 -19.06	9.02 -0.81 0.00	66.42 -1.01 -53.69	11.42 -0.81 0.00	16.37 -1.12 0.00	5.34 -0.28 0.00	2.53 -0.13 0.00
HYLAND___LFGE 323620	1.38 0.03 -4.34	3.66 0.01 -3.89	5.39 0.01 -2.52	5.40 0.01 -2.27	5.14 0.00 -1.87	5.96 -0.04 -2.05	3.54 -0.03 -2.34	5.24 0.03 -1.00	21.20 0.15 -5.30	116.41 0.14 -58.03	52.87 -0.43 -22.33	64.64 -0.69 -22.24	92.12 -0.50 -53.52	94.15 0.17 -42.17	21.10 -0.24 -3.18	25.59 -0.60 -4.85	18.83 -0.41 -1.81	12.49 -0.33 -1.76	9.58 -0.24 0.00	19.52 -0.23 -6.01	12.04 -0.19 0.00	17.24 -0.25 0.00	5.71 0.08 0.00	2.68 0.03 0.00
INDECK___CORINTH 23802	32.06 -0.17 -35.22	31.35 -0.01 -31.60	23.49 0.16 -20.46	21.70 0.18 -18.39	18.66 0.18 -15.22	20.81 0.22 -16.64	20.28 0.07 -18.98	11.76 0.26 -7.29	16.78 1.03 0.00	61.96 3.72 0.00	32.94 1.97 0.00	45.40 2.31 0.00	41.16 2.06 0.00	54.14 2.33 0.00	18.91 0.75 0.00	22.38 1.03 0.00	21.58 0.86 -3.29	11.68 0.62 0.00	10.40 0.57 0.00	14.57 0.83 0.00	12.98 0.76 0.00	18.54 1.05 0.00	5.98 0.32 -0.04	2.84 0.15 -0.04
INDECK___ILION 23567	-3.73 -0.03 0.71	-0.88 0.00 0.64	2.47 0.02 0.41	2.78 0.02 0.37	2.99 0.03 0.31	3.64 0.04 0.34	0.86 0.02 0.38	4.14 0.07 0.15	16.07 0.32 0.00	59.34 1.10 0.00	31.51 0.54 0.00	43.86 0.76 0.00	39.74 0.64 0.00	52.59 0.78 0.00	18.41 0.25 0.00	21.68 0.34 0.00	17.66 0.29 0.07	11.25 0.19 0.00	10.00 0.18 0.00	13.97 0.23 0.00	12.41 0.18 0.00	17.70 0.21 0.00	5.69 0.07 0.00	2.68 0.03 0.00
INDECK___OLEAN 23982	1.05 -0.09 -4.13	3.45 -0.01 -3.70	5.41 0.14 -2.40	5.45 0.17 -2.16	5.25 0.20 -1.78	6.15 0.25 -1.95	3.53 0.08 -2.23	5.97 0.21 -1.55	44.42 0.81 -27.85	366.87 4.87 -303.75	150.58 2.02 -117.58	163.63 2.68 -117.86	323.06 2.66 -281.30	278.38 4.79 -221.79	36.45 1.20 -17.09	48.44 0.88 -26.22	26.20 0.78 -7.99	20.89 0.30 -9.53	10.20 0.38 0.00	46.03 0.69 -31.60	12.83 0.61 0.00	18.37 0.88 0.00	5.93 0.30 0.00	2.77 0.11 0.00
INDECK___OSWEGO 23783	-1.09 0.08 -1.81	1.40 0.01 -1.63	3.84 -0.08 -1.05	3.99 -0.09 -0.95	3.97 -0.09 -0.78	4.70 -0.10 -0.86	2.17 -0.03 -0.98	4.44 -0.13 -0.36	15.21 -0.54 0.00	56.15 -2.10 0.00	29.84 -1.14 0.00	41.42 -1.67 0.00	37.62 -1.48 0.00	50.04 -1.76 0.00	17.50 -0.66 0.00	20.52 -0.82 0.00	16.92 -0.65 -0.14	10.64 -0.41 0.00	9.46 -0.36 0.00	13.26 -0.48 0.00	11.82 -0.41 0.00	16.98 -0.51 0.00	5.48 -0.15 0.00	2.59 -0.07 0.00



INDECK___YERKES 23781	0.97 0.15 -3.81	3.20 0.02 -3.42	5.02 -0.06 -2.22	5.08 -0.04 -1.99	4.88 -0.04 -1.65	5.69 -0.06 -1.80	3.23 -0.05 -2.06	5.22 -0.28 -1.29	35.22 -1.13 -20.59	268.99 -2.69 -213.44	101.90 -1.95 -72.88	106.64 -2.87 -66.41	234.39 -2.38 -197.67	203.76 -1.88 -153.84	23.43 -1.09 -6.35	27.65 -1.73 -8.02	21.85 -1.27 -5.69	12.75 -0.93 -2.63	9.07 -0.75 0.00	35.02 -0.92 -22.20	11.50 -0.73 0.00	16.51 -0.98 0.00	5.40 -0.23 0.00	2.56 -0.10 0.00
INDIAN POINT_GT_1 24139	22.42 -0.22 -25.63	22.73 -0.03 -23.00	17.94 0.19 -14.89	16.71 0.20 -13.39	14.54 0.20 -11.07	16.31 0.26 -12.11	15.12 0.08 -13.81	9.76 0.30 -5.25	16.92 1.16 0.00	62.46 4.22 0.00	33.35 2.37 0.00	46.40 3.31 0.00	42.05 2.95 0.00	55.36 3.56 0.00	19.57 1.40 0.00	23.10 1.75 0.00	21.04 1.34 -2.27	11.92 0.87 0.00	10.60 0.78 0.00	14.78 1.04 0.00	13.15 0.92 0.00	18.81 1.33 0.00	6.06 0.41 -0.03	2.88 0.20 -0.03
INDIAN POINT_GT_2 23659	22.42 -0.22 -25.63	22.73 -0.03 -23.00	17.94 0.19 -14.89	16.71 0.20 -13.39	14.54 0.20 -11.07	16.31 0.26 -12.11	15.12 0.08 -13.81	9.76 0.30 -5.25	16.92 1.16 0.00	62.46 4.22 0.00	33.35 2.37 0.00	46.40 3.31 0.00	42.05 2.95 0.00	55.36 3.56 0.00	19.57 1.40 0.00	23.10 1.75 0.00	21.04 1.34 -2.27	11.92 0.87 0.00	10.60 0.78 0.00	14.78 1.04 0.00	13.15 0.92 0.00	18.81 1.33 0.00	6.06 0.41 -0.03	2.88 0.20 -0.03
INDIAN POINT_GT_3 24019	22.42 -0.22 -25.63	22.73 -0.03 -23.00	17.94 0.19 -14.89	16.71 0.20 -13.39	14.54 0.20 -11.07	16.31 0.26 -12.11	15.12 0.08 -13.81	9.76 0.30 -5.25	16.92 1.16 0.00	62.46 4.22 0.00	33.35 2.37 0.00	46.40 3.31 0.00	42.05 2.95 0.00	55.36 3.56 0.00	19.57 1.40 0.00	23.10 1.75 0.00	21.04 1.34 -2.27	11.92 0.87 0.00	10.60 0.78 0.00	14.78 1.04 0.00	13.15 0.92 0.00	18.81 1.33 0.00	6.06 0.41 -0.03	2.88 0.20 -0.03
INDIAN POINT___2 23530	22.14 -0.22 -25.35	22.48 -0.03 -22.75	17.77 0.18 -14.73	16.56 0.19 -13.24	14.42 0.20 -10.95	16.17 0.25 -11.98	14.96 0.08 -13.66	9.69 0.29 -5.19	16.89 1.13 0.00	62.34 4.10 0.00	33.29 2.32 0.00	46.32 3.23 0.00	41.98 2.88 0.00	55.26 3.45 0.00	19.53 1.37 0.00	23.05 1.71 0.00	20.98 1.30 -2.24	11.89 0.84 0.00	10.57 0.75 0.00	14.75 1.01 0.00	13.12 0.90 0.00	18.78 1.29 0.00	6.05 0.40 -0.03	2.88 0.19 -0.03
INDIAN POINT___3 23531	22.44 -0.21 -25.64	22.74 -0.02 -23.01	17.94 0.18 -14.90	16.71 0.19 -13.39	14.54 0.19 -11.08	16.31 0.25 -12.11	15.12 0.08 -13.82	9.75 0.29 -5.25	16.87 1.11 0.00	62.26 4.02 0.00	33.25 2.28 0.00	46.27 3.18 0.00	41.93 2.83 0.00	55.18 3.38 0.00	19.51 1.34 0.00	23.02 1.68 0.00	20.98 1.28 -2.27	11.88 0.82 0.00	10.56 0.74 0.00	14.73 0.99 0.00	13.10 0.88 0.00	18.75 1.26 0.00	6.04 0.39 -0.03	2.88 0.19 -0.03
IP CORINTH___1 23988	32.04 -0.19 -35.22	31.35 -0.01 -31.60	23.50 0.17 -20.46	21.71 0.20 -18.39	18.68 0.20 -15.22	20.83 0.24 -16.64	20.28 0.08 -18.98	11.78 0.28 -7.29	16.87 1.11 0.00	62.31 4.06 0.00	33.11 2.14 0.00	45.65 2.55 0.00	41.38 2.28 0.00	54.44 2.64 0.00	19.01 0.85 0.00	22.49 1.15 0.00	21.68 0.96 -3.29	11.74 0.68 0.00	10.46 0.63 0.00	14.65 0.91 0.00	13.05 0.82 0.00	18.64 1.15 0.00	6.02 0.35 -0.04	2.86 0.16 -0.04
IP___TICONDEROGA 23804	30.85 -0.37 -34.21	30.43 -0.02 -30.69	23.10 0.35 -19.88	21.38 0.40 -17.86	18.45 0.40 -14.78	20.58 0.47 -16.16	19.80 0.14 -18.43	11.77 0.49 -7.07	17.67 1.92 0.00	65.17 6.92 0.00	34.62 3.65 0.00	47.98 4.90 0.00	43.47 4.37 0.00	57.44 5.63 0.00	20.12 1.96 0.00	23.61 2.27 0.00	22.56 1.95 -3.18	12.24 1.18 0.00	10.86 1.04 0.00	15.22 1.48 0.00	13.60 1.38 0.00	19.45 1.96 0.00	6.30 0.63 -0.04	3.00 0.30 -0.04
ISLIP_RES_REC 323679	22.49 -0.33 -25.81	22.88 -0.03 -23.16	18.17 0.31 -15.00	16.93 0.33 -13.48	15.74 0.36 -12.11	26.16 0.46 -21.75	53.39 0.15 -52.01	175.24 0.52 -170.52	99.00 1.93 -81.32	76.65 7.50 -10.91	50.29 4.02 -15.30	50.47 5.61 -1.76	45.71 5.01 -1.59	67.40 6.33 -9.27	210.14 2.42 -189.56	169.64 2.94 -145.35	144.71 2.17 -125.11	12.34 1.28 0.00	11.06 1.24 0.00	15.04 1.30 0.00	13.43 1.20 0.00	19.30 1.81 0.00	8.33 0.55 -2.15	2.95 0.26 -0.03
JARVIS___ 23743	-3.69 0.01 0.71	-0.88 0.00 0.64	2.44 -0.01 0.41	2.74 -0.01 0.37	2.95 -0.01 0.31	3.60 -0.01 0.34	0.84 0.00 0.38	4.06 0.00 0.15	15.75 0.00 0.00	58.20 -0.05 0.00	30.95 -0.02 0.00	43.09 -0.01 0.00	39.07 -0.04 0.00	51.71 -0.09 0.00	18.13 -0.03 0.00	21.32 -0.02 0.00	17.35 -0.02 0.07	11.05 0.00 0.00	9.83 0.01 0.00	13.74 0.00 0.00	12.22 -0.01 0.00	17.45 -0.04 0.00	5.61 -0.02 0.00	2.65 -0.01 0.00
JENNISON___1 23625	5.64 -0.13 -8.75	7.59 -0.02 -7.85	8.06 0.12 -5.09	7.83 0.13 -4.57	7.20 0.15 -3.78	8.28 0.20 -4.14	6.01 0.07 -4.72	6.54 0.35 -1.98	18.28 1.53 -0.99	75.02 5.68 -11.09	38.12 2.83 -4.33	51.30 3.99 -4.21	52.43 3.59 -9.73	63.98 4.49 -7.68	20.28 1.51 -0.61	24.02 1.74 -0.94	20.06 1.40 -1.23	12.23 0.83 -0.34	10.56 0.73 0.00	15.92 1.09 -1.09	13.13 0.91 0.00	18.69 1.21 0.00	5.98 0.34 -0.01	2.82 0.15 -0.01
JENNISON___2 23626	5.64 -0.12 -8.75	7.59 -0.02 -7.85	8.06 0.11 -5.09	7.82 0.12 -4.57	7.20 0.15 -3.78	8.28 0.20 -4.14	6.01 0.07 -4.72	6.53 0.34 -1.98	18.24 1.50 -0.99	74.89 5.55 -11.09	38.06 2.77 -4.33	51.23 3.92 -4.21	52.36 3.52 -9.73	63.90 4.42 -7.68	20.26 1.48 -0.61	23.99 1.71 -0.94	20.03 1.37 -1.23	12.21 0.82 -0.34	10.54 0.72 0.00	15.89 1.06 -1.09	13.12 0.89 0.00	18.66 1.18 0.00	5.97 0.33 -0.01	2.81 0.14 -0.01
KEDC PORT_JEFF_GT2 24210	22.51 -0.31 -25.81	22.89 -0.03 -23.16	18.15 0.29 -15.00	16.91 0.30 -13.48	15.71 0.33 -12.11	26.12 0.43 -21.75	53.38 0.14 -52.01	175.21 0.48 -170.52	98.86 1.79 -81.32	76.02 6.86 -10.91	49.96 3.68 -15.30	50.01 5.15 -1.76	45.26 4.57 -1.59	66.79 5.71 -9.27	209.93 2.21 -189.56	169.37 2.67 -145.35	144.46 1.92 -125.11	12.15 1.09 0.00	10.88 1.05 0.00	14.78 1.04 0.00	13.23 1.01 0.00	19.11 1.62 0.00	8.27 0.50 -2.15	2.93 0.24 -0.03
KEDC PORT_JEFF_GT3 24211	22.51 -0.31 -25.81	22.89 -0.03 -23.16	18.15 0.29 -15.00	16.91 0.30 -13.48	15.71 0.33 -12.11	26.12 0.43 -21.75	53.38 0.14 -52.01	175.21 0.48 -170.52	98.86 1.79 -81.32	76.02 6.86 -10.91	49.96 3.68 -15.30	50.01 5.15 -1.76	45.26 4.57 -1.59	66.79 5.71 -9.27	209.93 2.21 -189.56	169.37 2.67 -145.35	144.46 1.92 -125.11	12.15 1.09 0.00	10.88 1.05 0.00	14.78 1.04 0.00	13.23 1.01 0.00	19.11 1.62 0.00	8.27 0.50 -2.15	2.93 0.24 -0.03
KEDC_GLWD_GT4 24219	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.10 0.24 -15.00	16.86 0.26 -13.48	15.65 0.27 -12.11	26.03 0.34 -21.75	53.35 0.11 -52.01	173.28 0.39 -168.68	97.50 1.46 -80.28	74.36 5.33 -10.79	49.22 2.95 -15.30	48.88 4.20 -1.59	44.33 3.70 -1.54	65.50 4.63 -9.06	204.85 1.81 -184.88	165.17 2.23 -141.60	141.07 1.64 -122.00	12.01 0.96 0.00	10.72 0.89 0.00	14.84 1.10 0.00	13.23 1.01 0.00	19.07 1.58 0.00	8.26 0.49 -2.15	2.93 0.24 -0.03



KEDC_GLWD_GT5 24220	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.10 0.24 -15.00	16.86 0.26 -13.48	15.65 0.27 -12.11	26.03 0.34 -21.75	53.35 0.11 -52.01	173.28 0.39 -168.68	97.50 1.46 -80.28	74.36 5.33 -10.79	49.22 2.95 -15.30	48.88 4.20 -1.59	44.33 3.70 -1.54	65.50 4.63 -9.06	204.85 1.81 -184.88	165.17 2.23 -141.60	141.07 1.64 -122.00	12.01 0.96 0.00	10.72 0.89 0.00	14.84 1.10 0.00	13.23 1.01 0.00	19.07 1.58 0.00	8.26 0.49 -2.15	2.93 0.24 -0.03
KENSICO____ 23655	22.56 -0.24 -25.78	22.86 -0.03 -23.13	18.04 0.20 -14.98	16.80 0.21 -13.47	14.63 0.22 -11.14	16.40 0.28 -12.18	15.21 0.09 -13.89	9.81 0.32 -5.28	16.98 1.23 0.00	62.73 4.48 0.00	33.50 2.53 0.00	46.61 3.52 0.00	42.25 3.14 0.00	55.62 3.81 0.00	19.66 1.50 0.00	23.21 1.86 0.00	21.15 1.43 -2.29	11.97 0.92 0.00	10.65 0.83 0.00	14.84 1.10 0.00	13.21 0.98 0.00	18.89 1.40 0.00	6.09 0.44 -0.03	2.90 0.21 -0.03
KIAC_JFK_GT1 23816	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.07 1.31 0.00	62.93 4.69 0.00	33.57 2.60 0.00	46.75 3.66 0.00	42.38 3.27 0.00	55.77 3.97 0.00	19.78 1.62 0.00	23.41 2.07 0.00	21.25 1.53 -2.29	12.09 1.03 0.00	10.73 0.90 0.00	14.93 1.19 0.00	13.30 1.07 0.00	18.98 1.50 0.00	6.10 0.45 -0.03	2.91 0.23 -0.03
KIAC_JFK_GT2 23817	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.07 1.31 0.00	62.93 4.69 0.00	33.57 2.60 0.00	46.75 3.66 0.00	42.38 3.27 0.00	55.77 3.97 0.00	19.78 1.62 0.00	23.41 2.07 0.00	21.25 1.53 -2.29	12.09 1.03 0.00	10.73 0.90 0.00	14.93 1.19 0.00	13.30 1.07 0.00	18.98 1.50 0.00	6.10 0.45 -0.03	2.91 0.23 -0.03
KINTIGH____ 23543	0.54 0.18 -3.35	2.79 0.02 -3.00	4.70 -0.11 -1.94	4.77 -0.10 -1.75	4.62 -0.10 -1.44	5.40 -0.13 -1.58	2.97 -0.06 -1.80	4.39 -0.29 -0.47	7.51 -1.15 7.10	-19.33 -3.16 74.41	1.02 -2.06 27.89	12.81 -2.99 27.29	-32.26 -2.55 68.81	-4.69 -2.43 54.06	13.34 -1.17 3.65	14.21 -1.70 5.44	14.53 -1.28 1.62	8.21 -0.90 1.95	9.08 -0.74 0.00	5.07 -0.94 7.73	11.48 -0.75 0.00	16.44 -1.06 0.00	5.35 -0.28 0.00	2.53 -0.13 0.00
LEDERLE____ 23769	21.75 -0.25 -25.00	22.16 -0.03 -22.43	17.60 0.21 -14.53	16.41 0.23 -13.06	14.31 0.24 -10.80	16.05 0.30 -11.81	14.79 0.10 -13.47	9.67 0.35 -5.11	17.09 1.33 0.00	63.12 4.87 0.00	33.71 2.73 0.00	46.91 3.81 0.00	42.51 3.41 0.00	55.95 4.15 0.00	19.76 1.60 0.00	23.32 1.98 0.00	21.16 1.52 -2.21	12.03 0.98 0.00	10.70 0.87 0.00	14.93 1.19 0.00	13.29 1.07 0.00	19.02 1.53 0.00	6.12 0.47 -0.03	2.91 0.23 -0.03
LINDEN COGEN____ 23786	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.83 0.23 -13.48	14.65 0.23 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.08 1.33 0.00	63.07 4.83 0.00	33.69 2.72 0.00	46.89 3.80 0.00	42.49 3.39 0.00	55.92 4.12 0.00	19.80 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.97 1.23 0.00	13.31 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
LIPA_MISC_IPP 23656	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.28 -15.00	16.89 0.29 -13.48	15.70 0.32 -12.11	26.12 0.42 -21.75	53.38 0.14 -52.01	175.20 0.48 -170.52	98.82 1.75 -81.32	75.84 6.69 -10.91	49.86 3.59 -15.30	49.86 5.00 -1.76	45.14 4.44 -1.59	66.63 5.56 -9.27	209.87 2.15 -189.56	169.31 2.60 -145.35	144.48 1.93 -125.11	12.19 1.14 0.00	10.91 1.09 0.00	14.73 0.99 0.00	13.16 0.94 0.00	18.91 1.43 0.00	8.21 0.44 -2.15	2.90 0.21 -0.03
LISF____SOLAR 323691	22.52 -0.30 -25.81	22.89 -0.03 -23.16	18.14 0.28 -15.00	16.90 0.30 -13.48	15.71 0.33 -12.11	26.13 0.43 -21.75	53.38 0.15 -52.01	175.21 0.49 -170.52	98.85 1.78 -81.32	75.90 6.75 -10.91	49.89 3.62 -15.30	49.89 5.03 -1.76	45.17 4.47 -1.59	66.66 5.58 -9.27	209.88 2.16 -189.56	169.32 2.62 -145.35	144.50 1.96 -125.11	12.22 1.16 0.00	10.94 1.12 0.00	14.75 1.00 0.00	13.18 0.95 0.00	18.93 1.44 0.00	8.21 0.44 -2.15	2.90 0.21 -0.03
LITTLE FALLS____HYD 24013	-3.76 -0.07 0.71	-0.89 -0.01 0.64	2.50 0.05 0.41	2.80 0.05 0.37	3.02 0.06 0.31	3.69 0.08 0.34	0.88 0.03 0.38	4.22 0.15 0.15	16.41 0.65 0.00	60.57 2.33 0.00	32.07 1.10 0.00	44.60 1.51 0.00	40.41 1.31 0.00	53.51 1.70 0.00	18.69 0.53 0.00	22.06 0.71 0.00	17.99 0.63 0.07	11.44 0.39 0.00	10.17 0.34 0.00	14.18 0.45 0.00	12.57 0.35 0.00	17.92 0.43 0.00	5.77 0.14 0.00	2.72 0.06 0.00
LI_NEWBRDGE____DRP 323616	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.11 0.25 -15.00	16.87 0.26 -13.48	15.66 0.28 -12.11	26.05 0.35 -21.75	53.35 0.11 -52.01	175.12 0.40 -170.52	98.55 1.48 -81.32	74.72 5.56 -10.91	49.32 3.04 -15.30	49.10 4.24 -1.76	44.42 3.72 -1.59	65.65 4.58 -9.27	209.52 1.80 -189.56	168.92 2.22 -145.35	144.15 1.61 -125.11	11.99 0.94 0.00	10.72 0.90 0.00	14.75 1.01 0.00	13.17 0.95 0.00	18.94 1.46 0.00	8.23 0.45 -2.15	2.91 0.23 -0.03
LONG_LAKE_PHOENIX 24014	-1.02 0.07 -1.89	1.47 0.01 -1.70	3.90 -0.06 -1.10	4.05 -0.07 -0.99	4.02 -0.07 -0.82	4.76 -0.08 -0.90	2.22 -0.03 -1.02	4.48 -0.10 -0.37	15.37 -0.39 0.00	56.91 -1.33 0.00	30.21 -0.76 0.00	42.00 -1.10 0.00	38.14 -0.96 0.00	50.71 -1.10 0.00	17.74 -0.43 0.00	20.80 -0.55 0.00	17.16 -0.43 -0.15	10.78 -0.28 0.00	9.59 -0.23 0.00	13.44 -0.30 0.00	11.97 -0.26 0.00	17.11 -0.37 0.00	5.51 -0.12 0.00	2.60 -0.06 0.00
LOVETT____3 23632	21.92 -0.19 -25.10	22.26 -0.03 -22.52	17.60 0.15 -14.59	16.39 0.16 -13.11	14.27 0.16 -10.84	16.01 0.21 -11.86	14.82 0.07 -13.52	9.59 0.24 -5.14	16.70 0.94 0.00	61.59 3.34 0.00	32.91 1.93 0.00	45.76 2.67 0.00	41.47 2.37 0.00	54.51 2.71 0.00	19.27 1.11 0.00	22.75 1.41 0.00	20.69 1.05 -2.22	11.73 0.68 0.00	10.42 0.60 0.00	14.53 0.79 0.00	12.95 0.72 0.00	18.53 1.05 0.00	5.97 0.32 -0.03	2.84 0.16 -0.03
LOVETT____4 23642	21.90 -0.23 -25.11	22.27 -0.03 -22.54	17.64 0.19 -14.59	16.44 0.20 -13.12	14.32 0.20 -10.85	16.07 0.26 -11.87	14.84 0.08 -13.53	9.65 0.30 -5.14	16.91 1.15 0.00	62.43 4.18 0.00	33.34 2.37 0.00	46.38 3.29 0.00	42.03 2.93 0.00	55.31 3.50 0.00	19.55 1.38 0.00	23.07 1.72 0.00	20.95 1.30 -2.22	11.90 0.84 0.00	10.57 0.74 0.00	14.74 1.00 0.00	13.13 0.90 0.00	18.79 1.31 0.00	6.05 0.40 -0.03	2.88 0.20 -0.03
LOVETT____5 23593	21.90 -0.23 -25.11	22.27 -0.03 -22.54	17.64 0.19 -14.59	16.44 0.20 -13.12	14.32 0.20 -10.85	16.07 0.26 -11.87	14.84 0.08 -13.53	9.65 0.30 -5.14	16.91 1.15 0.00	62.43 4.18 0.00	33.34 2.37 0.00	46.38 3.29 0.00	42.03 2.93 0.00	55.31 3.50 0.00	19.55 1.38 0.00	23.07 1.72 0.00	20.95 1.30 -2.22	11.90 0.84 0.00	10.57 0.74 0.00	14.74 1.00 0.00	13.13 0.90 0.00	18.79 1.31 0.00	6.05 0.40 -0.03	2.88 0.20 -0.03



LOWER RAQUET___HYD 24057	-3.57 0.34 0.94	-1.04 0.04 0.84	1.87 -0.45 0.54	2.15 -0.49 0.49	2.29 -0.57 0.40	2.84 -0.66 0.44	0.54 -0.18 0.50	3.37 -0.64 0.19	13.40 -2.35 0.00	47.37 -10.87 0.00	25.89 -5.08 0.00	36.60 -6.49 0.00	32.62 -6.48 0.00	43.10 -8.71 0.00	15.20 -2.96 0.00	17.92 -3.43 0.00	14.49 -2.86 0.09	9.38 -1.67 0.00	8.35 -1.48 0.00	11.58 -2.16 0.00	10.25 -1.98 0.00	14.66 -2.83 0.00	4.76 -0.86 0.00	2.26 -0.39 0.00
LOWER___HUDSON 24059	31.51 -0.15 -34.65	30.84 -0.01 -31.09	23.15 0.15 -20.14	21.38 0.16 -18.10	18.40 0.16 -14.97	20.51 0.20 -16.37	19.96 0.06 -18.67	11.60 0.21 -7.18	16.57 0.81 0.00	61.05 2.81 0.00	32.48 1.51 0.00	45.13 2.04 0.00	40.92 1.82 0.00	54.08 2.28 0.00	18.98 0.82 0.00	22.35 1.00 0.00	21.53 0.86 -3.24	11.59 0.53 0.00	10.29 0.46 0.00	14.38 0.64 0.00	12.82 0.60 0.00	18.36 0.87 0.00	5.94 0.28 -0.04	2.83 0.14 -0.04
LWR___OSWEGATCHIE_HYD 23850	-2.79 0.20 0.00	-0.22 0.02 0.00	2.59 -0.28 0.00	2.82 -0.30 0.00	2.92 -0.35 0.00	3.55 -0.40 0.00	1.12 -0.11 0.00	3.83 -0.38 0.00	14.36 -1.39 0.00	51.91 -6.33 0.00	28.16 -2.81 0.00	39.24 -3.86 0.00	35.29 -3.81 0.00	46.90 -4.90 0.00	16.47 -1.69 0.00	19.35 -2.00 0.00	15.77 -1.66 0.00	10.09 -0.96 0.00	8.99 -0.83 0.00	12.54 -1.20 0.00	11.12 -1.10 0.00	15.90 -1.58 0.00	5.14 -0.49 0.00	2.43 -0.22 0.00
LYONS_FALL_HYD 23570	-2.97 0.01 0.00	-0.24 0.00 0.00	2.82 -0.04 0.00	3.08 -0.04 0.00	3.22 -0.05 0.00	3.90 -0.04 0.00	1.22 -0.01 0.00	4.19 -0.02 0.00	15.71 -0.04 0.00	57.93 -0.32 0.00	31.01 0.04 0.00	43.03 -0.06 0.00	38.97 -0.13 0.00	51.84 0.03 0.00	18.14 -0.03 0.00	21.26 -0.08 0.00	17.37 -0.06 0.00	11.04 -0.01 0.00	9.84 0.02 0.00	13.78 0.04 0.00	12.24 0.01 0.00	17.44 -0.05 0.00	5.60 -0.02 0.00	2.64 -0.01 0.00
MADISON___COUNTY_LFGE 323628	-2.32 -0.01 -0.68	0.36 -0.01 -0.61	3.26 0.01 -0.40	3.49 0.01 -0.36	3.58 0.01 -0.29	4.30 0.03 -0.32	1.61 0.01 -0.37	4.38 0.05 -0.13	15.96 0.20 0.00	59.13 0.89 0.00	31.50 0.53 0.00	43.87 0.78 0.00	39.73 0.63 0.00	52.70 0.90 0.00	18.42 0.26 0.00	21.59 0.25 0.00	17.70 0.22 -0.05	11.19 0.14 0.00	9.96 0.13 0.00	13.95 0.21 0.00	12.38 0.15 0.00	17.65 0.16 0.00	5.67 0.05 0.00	2.67 0.01 0.00
MAPLE_RIDGE_WT_1 323574	-4.62 0.24 1.87	-1.90 0.03 1.68	1.53 -0.24 1.09	1.90 -0.25 0.98	2.16 -0.30 0.81	2.70 -0.36 0.88	0.12 -0.10 1.01	3.50 -0.33 0.38	14.67 -1.08 0.00	54.12 -4.13 0.00	29.01 -1.97 0.00	40.65 -2.45 0.00	36.63 -2.47 0.00	48.27 -3.54 0.00	16.90 -1.26 0.00	19.91 -1.44 0.00	16.11 -1.16 0.17	10.35 -0.70 0.00	9.10 -0.72 0.00	12.59 -1.15 0.00	11.17 -1.06 0.00	16.02 -1.47 0.00	5.14 -0.48 0.00	2.44 -0.22 0.00
MAPLE_RIDGE_WT_2 323611	-4.62 0.24 1.87	-1.90 0.03 1.68	1.53 -0.24 1.09	1.90 -0.25 0.98	2.16 -0.30 0.81	2.70 -0.36 0.88	0.12 -0.10 1.01	3.50 -0.33 0.38	14.67 -1.08 0.00	54.12 -4.13 0.00	29.01 -1.97 0.00	40.65 -2.45 0.00	36.63 -2.47 0.00	48.27 -3.54 0.00	16.90 -1.26 0.00	19.91 -1.44 0.00	16.11 -1.16 0.17	10.35 -0.70 0.00	9.10 -0.72 0.00	12.59 -1.15 0.00	11.17 -1.06 0.00	16.02 -1.47 0.00	5.14 -0.48 0.00	2.44 -0.22 0.00
MARBLE_RIVER_WT_PWR 323696	-27.70 0.34 25.05	-27.25 0.05 27.06	-29.50 -0.45 31.91	-30.00 -0.48 32.64	-18.17 -0.61 20.82	2.55 -0.74 0.65	-21.06 -0.20 22.09	-26.17 -0.63 29.75	-29.74 -2.16 43.33	-30.00 -10.24 78.00	-31.51 -5.02 57.46	-33.74 -6.39 70.44	-45.44 -6.39 78.15	-29.96 -8.66 73.10	-30.00 -2.94 45.22	-29.99 -3.37 47.97	-30.00 -2.77 44.66	-29.50 -1.58 38.97	2.94 -1.43 5.45	5.45 -2.08 6.21	-2.19 -1.91 12.51	-29.98 -2.58 44.89	-18.25 -0.89 22.98	-28.50 -0.39 30.77
MARSH_HILL_WT_PWR 323713	2.37 0.08 -5.27	4.51 0.02 -4.73	5.90 -0.03 -3.06	5.85 -0.03 -2.75	5.53 -0.02 -2.28	6.41 -0.02 -2.49	4.06 -0.01 -2.84	5.39 -0.04 -1.23	22.61 -0.10 -6.95	137.25 0.93 -78.07	61.46 0.00 -30.48	73.65 -0.05 -30.61	111.03 0.07 -71.86	109.53 1.02 -56.71	22.67 -0.01 -4.52	27.97 -0.35 -6.97	19.63 -0.19 -2.39	13.35 -0.24 -2.54	9.64 -0.18 0.00	21.56 -0.25 -8.07	11.98 -0.24 0.00	17.15 -0.34 0.00	5.56 -0.07 0.00	2.62 -0.04 0.00
MG INDUSTRY___DRP 24185	30.23 -0.10 -33.31	29.64 -0.01 -29.89	22.31 0.09 -19.36	20.62 0.10 -17.40	17.76 0.10 -14.39	19.81 0.12 -15.74	19.21 0.04 -17.95	11.28 0.14 -6.93	16.24 0.49 0.00	59.88 1.64 0.00	31.88 0.91 0.00	44.34 1.25 0.00	40.22 1.12 0.00	53.11 1.31 0.00	18.69 0.52 0.00	22.01 0.67 0.00	21.12 0.54 -3.15	11.40 0.34 0.00	10.13 0.30 0.00	14.15 0.41 0.00	12.59 0.36 0.00	18.04 0.55 0.00	5.84 0.18 -0.04	2.78 0.09 -0.04
MID___OSWEGATCHIE_HYD 23849	-2.79 0.20 0.00	-0.22 0.02 0.00	2.59 -0.28 0.00	2.82 -0.30 0.00	2.92 -0.35 0.00	3.55 -0.40 0.00	1.12 -0.11 0.00	3.83 -0.38 0.00	14.36 -1.39 0.00	51.91 -6.33 0.00	28.16 -2.81 0.00	39.24 -3.86 0.00	35.29 -3.81 0.00	46.90 -4.90 0.00	16.47 -1.69 0.00	19.35 -2.00 0.00	15.77 -1.66 0.00	10.09 -0.96 0.00	8.99 -0.83 0.00	12.54 -1.20 0.00	11.12 -1.10 0.00	15.90 -1.58 0.00	5.14 -0.49 0.00	2.43 -0.22 0.00
MID___RAQUETTE_HYD 23851	-3.57 0.34 0.94	-1.04 0.04 0.84	1.87 -0.45 0.54	2.15 -0.49 0.49	2.29 -0.57 0.40	2.84 -0.66 0.44	0.54 -0.18 0.50	3.37 -0.64 0.19	13.40 -2.35 0.00	47.37 -10.87 0.00	25.89 -5.08 0.00	36.60 -6.49 0.00	32.62 -6.48 0.00	43.10 -8.71 0.00	15.20 -2.96 0.00	17.92 -3.43 0.00	14.49 -2.86 0.09	9.38 -1.67 0.00	8.35 -1.48 0.00	11.58 -2.16 0.00	10.25 -1.98 0.00	14.66 -2.83 0.00	4.76 -0.86 0.00	2.26 -0.39 0.00
MILLIKEN___1 23584	1.54 0.01 -4.52	3.82 0.00 -4.06	5.49 0.00 -2.63	5.49 0.00 -2.36	5.24 0.01 -1.95	6.11 0.03 -2.14	3.68 0.01 -2.44	5.19 0.04 -0.94	17.16 0.17 -1.24	72.71 0.80 -13.66	36.62 0.36 -5.29	48.47 0.37 -5.00	51.12 0.50 -11.52	61.80 0.92 -9.08	19.09 0.23 -0.70	22.57 0.16 -1.07	18.26 0.13 -0.70	11.52 0.08 -0.39	9.89 0.07 0.00	15.16 0.14 -1.29	12.34 0.11 0.00	17.60 0.11 0.00	5.65 0.02 0.00	2.66 0.00 0.00
MILLIKEN___2 23585	1.54 0.01 -4.52	3.82 0.00 -4.06	5.49 0.00 -2.63	5.49 0.00 -2.36	5.24 0.01 -1.95	6.11 0.03 -2.14	3.68 0.01 -2.44	5.19 0.04 -0.94	17.16 0.17 -1.24	72.71 0.80 -13.66	36.62 0.36 -5.29	48.47 0.37 -5.00	51.12 0.50 -11.52	61.80 0.92 -9.08	19.09 0.23 -0.70	22.57 0.16 -1.07	18.26 0.13 -0.70	11.52 0.08 -0.39	9.89 0.07 0.00	15.16 0.14 -1.29	12.34 0.11 0.00	17.60 0.11 0.00	5.65 0.02 0.00	2.66 0.00 0.00
MILLIKEN___DIESEL 23629	1.54 0.01 -4.52	3.82 0.00 -4.06	5.49 0.00 -2.63	5.49 0.00 -2.36	5.24 0.01 -1.95	6.11 0.03 -2.14	3.68 0.01 -2.44	5.19 0.04 -0.94	17.16 0.17 -1.24	72.71 0.80 -13.66	36.62 0.36 -5.29	48.47 0.37 -5.00	51.12 0.50 -11.52	61.80 0.92 -9.08	19.09 0.23 -0.70	22.57 0.16 -1.07	18.26 0.13 -0.70	11.52 0.08 -0.39	9.89 0.07 0.00	15.16 0.14 -1.29	12.34 0.11 0.00	17.60 0.11 0.00	5.65 0.02 0.00	2.66 0.00 0.00



MILLSEAT___LFGE 323607	0.66 0.12 -3.53	2.95 0.02 -3.17	4.88 -0.04 -2.05	4.96 -0.01 -1.84	4.77 -0.02 -1.53	5.60 -0.02 -1.67	3.09 -0.04 -1.90	5.00 -0.21 -1.01	26.66 -0.83 -11.74	159.02 -1.70 -102.47	63.08 -1.48 -33.59	70.19 -2.45 -29.54	132.04 -2.00 -94.93	123.94 -1.46 -73.59	19.52 -0.88 -2.24	22.28 -1.43 -2.36	19.21 -1.09 -2.87	10.93 -0.81 -0.68	9.18 -0.65 0.00	23.64 -0.76 -10.66	11.73 -0.49 0.00	16.78 -0.71 0.00	5.46 -0.16 0.00	2.58 -0.08 0.00
MODEL_CITY_ENERGY 24167	0.93 0.19 -3.72	3.13 0.04 -3.34	4.93 -0.10 -2.17	4.99 -0.07 -1.95	4.79 -0.09 -1.61	5.60 -0.11 -1.76	3.16 -0.08 -2.01	4.99 -0.37 -1.14	29.85 -1.45 -15.54	205.64 -3.89 -151.28	77.37 -2.61 -49.00	81.91 -3.80 -42.62	176.03 -3.21 -140.13	157.35 -2.97 -108.51	19.64 -1.49 -2.97	22.02 -2.19 -2.86	19.91 -1.64 -4.11	10.64 -1.17 -0.75	8.85 -0.97 0.00	28.25 -1.23 -15.74	11.24 -0.99 0.00	16.12 -1.37 0.00	5.27 -0.36 0.00	2.50 -0.16 0.00
MODERN_LFGE___ 323580	0.93 0.19 -3.72	3.13 0.04 -3.34	4.93 -0.10 -2.17	4.99 -0.07 -1.95	4.79 -0.09 -1.61	5.60 -0.11 -1.76	3.16 -0.08 -2.01	4.99 -0.37 -1.14	29.85 -1.45 -15.54	205.64 -3.89 -151.28	77.37 -2.61 -49.00	81.91 -3.80 -42.62	176.03 -3.21 -140.13	157.35 -2.97 -108.51	19.64 -1.49 -2.97	22.02 -2.19 -2.86	19.91 -1.64 -4.11	10.64 -1.17 -0.75	8.85 -0.97 0.00	28.25 -1.23 -15.74	11.24 -0.99 0.00	16.12 -1.37 0.00	5.27 -0.36 0.00	2.50 -0.16 0.00
MOHAWK_PAPER___DRP 24187	31.09 -0.12 -34.20	30.44 0.00 -30.68	22.85 0.11 -19.87	21.11 0.13 -17.86	18.17 0.13 -14.77	20.26 0.16 -16.16	19.70 0.05 -18.42	11.48 0.18 -7.09	16.42 0.66 0.00	60.55 2.30 0.00	32.23 1.26 0.00	44.82 1.73 0.00	40.63 1.53 0.00	53.70 1.90 0.00	18.88 0.72 0.00	22.23 0.88 0.00	21.38 0.74 -3.20	11.53 0.47 0.00	10.24 0.42 0.00	14.32 0.58 0.00	12.74 0.52 0.00	18.25 0.76 0.00	5.91 0.25 -0.04	2.81 0.12 -0.04
MONGAUP___HYD 23641	20.42 -0.25 -23.66	20.96 -0.02 -21.23	16.84 0.23 -13.75	15.73 0.25 -12.36	13.75 0.26 -10.22	15.45 0.33 -11.18	14.08 0.11 -12.75	9.43 0.39 -4.83	17.24 1.49 0.00	63.77 5.52 0.00	33.98 3.01 0.00	47.26 4.17 0.00	42.85 3.74 0.00	56.54 4.73 0.00	19.90 1.74 0.00	23.45 2.10 0.00	21.17 1.67 -2.07	12.13 1.07 0.00	10.81 0.99 0.00	15.11 1.38 0.00	13.42 1.20 0.00	19.16 1.67 0.00	6.16 0.51 -0.03	2.92 0.24 -0.03
MONTAUK___DIESEL 23721	22.41 -0.41 -25.81	22.88 -0.04 -23.16	18.24 0.37 -15.00	17.00 0.40 -13.48	15.83 0.44 -12.11	26.27 0.58 -21.75	53.43 0.19 -52.01	175.38 0.66 -170.52	99.54 2.47 -81.32	78.61 9.45 -10.91	51.34 5.07 -15.30	51.90 7.05 -1.76	46.99 6.30 -1.59	69.10 8.03 -9.27	210.71 2.99 -189.56	170.27 3.57 -145.35	145.29 2.74 -125.11	12.71 1.66 0.00	11.44 1.61 0.00	15.42 1.68 0.00	13.75 1.52 0.00	19.67 2.18 0.00	8.42 0.65 -2.15	2.99 0.30 -0.03
MUNSVILLE_WIND_PWR 323609	4.40 -0.17 -7.56	6.50 -0.05 -6.79	7.36 0.11 -4.40	7.20 0.13 -3.95	6.69 0.16 -3.27	7.75 0.23 -3.57	5.39 0.09 -4.08	6.27 0.38 -1.69	18.55 1.65 -1.15	77.45 6.32 -12.89	39.12 3.13 -5.02	52.43 4.49 -4.84	54.30 4.06 -11.13	65.70 5.11 -8.78	20.50 1.65 -0.69	24.25 1.84 -1.07	20.02 1.49 -1.10	12.27 0.83 -0.39	10.52 0.70 0.00	16.05 1.06 -1.25	13.07 0.84 0.00	18.55 1.06 0.00	5.90 0.26 -0.01	2.77 0.11 -0.01
N SALMON___HYD 24042	-27.58 0.31 24.90	-27.12 0.04 26.92	-29.39 -0.43 31.82	-29.90 -0.46 32.57	-18.06 -0.57 20.76	2.68 -0.68 0.58	-20.96 -0.18 22.00	-26.10 -0.59 29.72	-29.60 -2.03 43.33	-29.49 -9.73 78.00	-31.16 -4.68 57.46	-33.26 -5.91 70.44	-45.03 -5.98 78.15	-29.43 -8.13 73.10	-29.82 -2.76 45.22	-29.80 -3.18 47.97	-29.82 -2.61 44.65	-29.42 -1.50 38.97	3.03 -1.34 5.45	5.58 -1.95 6.21	-2.06 -1.78 12.51	-29.86 -2.45 44.89	-18.18 -0.82 22.98	-28.48 -0.37 30.77
N.E_GEN_SANDY PD 24062	27.00 -0.21 -30.19	26.83 -0.02 -27.09	20.60 0.19 -17.55	19.10 0.21 -15.77	16.52 0.21 -13.05	19.58 0.25 -15.38	18.41 0.08 -17.10	10.70 0.27 -6.22	38.59 1.05 -21.79	80.57 3.70 -18.62	49.21 2.03 -16.21	59.43 2.79 -13.55	41.59 2.49 0.00	54.91 3.11 0.00	19.33 1.17 0.00	22.77 1.43 0.00	21.34 1.15 -2.76	15.49 0.72 -3.72	23.40 0.63 -12.95	46.57 0.85 -31.98	38.94 0.78 -25.93	67.18 1.14 -48.55	51.77 0.36 -45.78	32.91 0.18 -30.08
NARROWS_GT1_1 24228	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT1_2 24229	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT1_3 24230	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT1_4 24231	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT1_5 24232	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT1_6 24233	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03



NARROWS_GT1_7 24234	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT1_8 24235	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT2_1 24236	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT2_2 24237	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT2_3 24238	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT2_4 24239	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT2_5 24240	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT2_6 24241	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT2_7 24242	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NARROWS_GT2_8 24243	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NEG CAPITAL___MECHNVIL 23645	32.02 -0.19 -35.20	31.34 -0.01 -31.59	23.50 0.18 -20.46	21.71 0.20 -18.38	18.69 0.21 -15.21	20.83 0.25 -16.63	20.28 0.08 -18.97	11.79 0.29 -7.29	16.86 1.10 0.00	62.24 3.99 0.00	33.08 2.11 0.00	45.90 2.81 0.00	41.62 2.52 0.00	54.96 3.15 0.00	19.26 1.10 0.00	22.70 1.36 0.00	21.88 1.16 -3.29	11.79 0.74 0.00	10.49 0.66 0.00	14.68 0.94 0.00	13.07 0.85 0.00	18.68 1.19 0.00	6.03 0.37 -0.04	2.87 0.17 -0.04
NEG CENTRAL_HIGH_ACRES 23767	0.10 0.15 -2.94	2.42 0.02 -2.64	4.46 -0.11 -1.71	4.55 -0.12 -1.54	4.43 -0.11 -1.27	5.20 -0.13 -1.39	2.76 -0.05 -1.59	4.56 -0.21 -0.55	14.06 -0.78 0.91	44.75 -2.24 11.26	24.99 -1.37 4.61	36.30 -1.99 4.80	26.95 -1.70 10.46	41.84 -1.67 8.30	16.62 -0.76 0.78	19.01 -1.09 1.25	16.55 -0.83 0.05	10.03 -0.56 0.46	9.35 -0.47 0.00	11.98 -0.58 1.18	11.74 -0.49 0.00	16.75 -0.74 0.00	5.40 -0.22 0.00	2.55 -0.11 0.00
NEG CENTRAL___DRP 24199	0.26 0.05 -3.19	2.63 0.01 -2.87	4.70 -0.02 -1.86	4.77 -0.02 -1.67	4.63 -0.01 -1.38	5.44 -0.01 -1.51	2.94 0.00 -1.72	4.82 -0.02 -0.64	15.71 -0.05 0.00	58.51 0.27 0.00	30.92 -0.05 0.00	42.97 -0.12 0.00	39.09 -0.01 0.00	52.23 0.42 0.00	18.17 0.01 0.00	21.20 -0.15 0.00	17.60 -0.09 -0.26	10.97 -0.09 0.00	9.75 -0.07 0.00	13.69 -0.05 0.00	12.18 -0.04 0.00	17.39 -0.09 0.00	5.60 -0.03 0.00	2.64 -0.02 0.00
NEG CENTRAL___INDECK 23768	1.40 0.04 -4.34	3.67 0.01 -3.90	5.39 0.00 -2.52	5.39 0.00 -2.27	5.13 -0.01 -1.88	5.94 -0.06 -2.05	3.53 -0.03 -2.34	5.21 0.00 -1.00	21.11 0.04 -5.32	116.19 -0.36 -58.31	52.72 -0.70 -22.44	64.38 -1.07 -22.35	92.05 -0.83 -53.78	93.94 -0.24 -42.37	20.97 -0.39 -3.19	25.46 -0.77 -4.88	18.70 -0.54 -1.82	12.41 -0.41 -1.77	9.50 -0.32 0.00	19.42 -0.35 -6.04	11.93 -0.30 0.00	17.10 -0.39 0.00	5.67 0.04 0.00	2.67 0.01 0.00
NEG CENTRAL___SENECA 23627	0.64 0.05 -3.58	2.98 0.01 -3.21	4.94 -0.01 -2.08	4.99 -0.01 -1.87	4.82 0.01 -1.55	5.65 0.01 -1.69	3.16 0.00 -1.93	4.94 0.00 -0.74	16.77 0.04 -0.97	69.08 0.75 -10.09	34.26 0.13 -3.15	45.84 0.15 -2.61	48.57 0.27 -9.20	59.83 0.92 -7.10	18.43 0.14 -0.13	21.38 -0.03 -0.06	17.99 0.02 -0.54	11.01 -0.04 0.00	9.80 -0.02 0.00	14.79 0.03 -1.02	12.26 0.04 0.00	17.51 0.03 0.00	5.64 0.01 0.00	2.66 -0.01 0.00



NEG CENTRAL___STATE_STREET 24147	0.21 -0.02 -3.22	2.65 0.00 -2.89	4.77 0.03 -1.87	4.84 0.04 -1.68	4.71 0.05 -1.39	5.54 0.07 -1.52	2.98 0.03 -1.74	4.93 0.08 -0.65	16.10 0.35 0.00	59.87 1.62 0.00	31.71 0.74 0.00	44.00 0.90 0.00	40.06 0.96 0.00	53.44 1.64 0.00	18.61 0.45 0.00	21.71 0.36 0.00	17.96 0.26 -0.27	11.23 0.18 0.00	9.96 0.14 0.00	13.99 0.25 0.00	12.43 0.21 0.00	17.72 0.23 0.00	5.69 0.06 0.00	2.67 0.01 0.00
NEG MILLWOOD___DRP 24198	23.07 -0.25 -26.31	23.34 -0.03 -23.61	18.36 0.21 -15.29	17.09 0.23 -13.74	14.87 0.24 -11.37	16.68 0.30 -12.43	15.50 0.10 -14.18	9.99 0.38 -5.40	17.21 1.46 0.00	63.76 5.51 0.00	33.91 2.94 0.00	47.18 4.09 0.00	42.74 3.64 0.00	56.32 4.52 0.00	19.88 1.72 0.00	23.45 2.11 0.00	21.46 1.66 -2.37	12.12 1.07 0.00	10.80 0.97 0.00	15.07 1.34 0.00	13.39 1.16 0.00	19.12 1.63 0.00	6.15 0.50 -0.03	2.92 0.23 -0.03
NEG NORTH_FLCN_SEA 23793	-27.71 0.31 25.04	-27.25 0.04 27.05	-29.47 -0.43 31.90	-29.97 -0.45 32.64	-18.14 -0.58 20.82	2.59 -0.70 0.65	-21.05 -0.19 22.08	-26.12 -0.58 29.75	-29.58 -2.00 43.33	-29.31 -9.55 78.00	-31.19 -4.71 57.46	-33.33 -5.98 70.44	-45.05 -6.00 78.15	-29.44 -8.14 73.10	-29.82 -2.76 45.22	-29.78 -3.17 47.97	-29.83 -2.60 44.66	-29.37 -1.45 38.97	3.05 -1.32 5.45	5.61 -1.92 6.21	-2.03 -1.75 12.51	-29.77 -2.37 44.89	-18.18 -0.82 22.98	-28.47 -0.36 30.77
NEG NORTH_KES_CHATEGAY 23792	-27.66 0.33 25.00	-27.21 0.04 27.02	-29.47 -0.45 31.88	-29.97 -0.48 32.62	-18.14 -0.61 20.80	2.59 -0.73 0.63	-21.03 -0.19 22.06	-26.16 -0.63 29.74	-29.74 -2.16 43.33	-30.04 -10.29 78.00	-31.52 -5.03 57.46	-33.76 -6.41 70.44	-45.47 -6.42 78.15	-30.03 -8.73 73.10	-30.01 -2.95 45.22	-30.02 -3.40 47.97	-30.00 -2.77 44.66	-29.50 -1.59 38.97	2.94 -1.43 5.45	5.46 -2.07 6.21	-2.18 -1.90 12.51	-29.98 -2.58 44.89	-18.23 -0.88 22.98	-28.50 -0.39 30.77
NEG NORTH___ALICE_FALLS 23915	-27.72 0.30 25.04	-27.25 0.04 27.04	-29.46 -0.43 31.90	-29.96 -0.45 32.64	-18.13 -0.57 20.82	2.61 -0.69 0.65	-21.04 -0.19 22.08	-26.11 -0.57 29.75	-29.54 -1.96 43.33	-29.25 -9.49 78.00	-31.14 -4.65 57.46	-33.25 -5.90 70.44	-44.99 -5.95 78.15	-29.39 -8.09 73.10	-29.80 -2.75 45.22	-29.77 -3.15 47.97	-29.81 -2.58 44.66	-29.36 -1.44 38.97	3.07 -1.30 5.45	5.64 -1.89 6.21	-2.00 -1.72 12.51	-29.74 -2.34 44.89	-18.17 -0.81 22.98	-28.46 -0.35 30.77
NEG NORTH___LWR_SARANAC 23913	-27.72 0.30 25.04	-27.25 0.04 27.04	-29.46 -0.43 31.90	-29.96 -0.45 32.64	-18.13 -0.57 20.82	2.61 -0.69 0.65	-21.04 -0.19 22.08	-26.11 -0.57 29.75	-29.54 -1.96 43.33	-29.25 -9.49 78.00	-31.14 -4.65 57.46	-33.25 -5.90 70.44	-44.99 -5.95 78.15	-29.39 -8.09 73.10	-29.80 -2.75 45.22	-29.77 -3.15 47.97	-29.81 -2.58 44.66	-29.36 -1.44 38.97	3.07 -1.30 5.45	5.64 -1.89 6.21	-2.00 -1.72 12.51	-29.74 -2.34 44.89	-18.17 -0.81 22.98	-28.46 -0.35 30.77
NEG NORTH___PLATTSBURG 23628	-27.72 0.30 25.04	-27.25 0.04 27.04	-29.46 -0.43 31.90	-29.96 -0.45 32.64	-18.13 -0.57 20.82	2.61 -0.69 0.65	-21.04 -0.19 22.08	-26.11 -0.57 29.75	-29.54 -1.96 43.33	-29.25 -9.49 78.00	-31.14 -4.65 57.46	-33.25 -5.90 70.44	-44.99 -5.95 78.15	-29.39 -8.09 73.10	-29.80 -2.75 45.22	-29.77 -3.15 47.97	-29.81 -2.58 44.66	-29.36 -1.44 38.97	3.07 -1.30 5.45	5.64 -1.89 6.21	-2.00 -1.72 12.51	-29.74 -2.34 44.89	-18.17 -0.81 22.98	-28.46 -0.35 30.77
NEG WEST_LEA_LOCKPORT 23791	0.82 0.16 -3.64	3.06 0.03 -3.27	4.91 -0.07 -2.12	4.98 -0.04 -1.90	4.78 -0.06 -1.57	5.60 -0.07 -1.72	3.13 -0.06 -1.96	5.00 -0.31 -1.09	28.84 -1.23 -14.31	162.95 -3.22 -107.92	64.61 -2.23 -35.87	71.76 -3.28 -31.95	136.34 -2.76 -99.99	127.03 -2.39 -77.62	19.54 -1.27 -2.64	22.43 -1.93 -3.01	19.01 -1.44 -3.02	10.94 -1.03 -0.92	8.97 -0.85 0.00	23.90 -1.06 -11.23	11.39 -0.84 0.00	16.32 -1.17 0.00	5.33 -0.29 0.00	2.53 -0.13 0.00
NEG WEST___LANCASTR 23811	1.11 0.12 -3.98	3.35 0.02 -3.57	5.14 -0.03 -2.31	5.19 -0.01 -2.08	4.98 -0.01 -1.72	5.81 -0.01 -1.88	3.35 -0.03 -2.14	5.42 -0.19 -1.40	38.55 -0.77 -23.56	312.58 -1.55 -255.88	126.78 -1.43 -97.24	137.47 -2.08 -96.46	275.16 -1.70 -237.76	237.87 -1.01 -187.08	30.78 -0.76 -13.38	40.23 -1.32 -20.21	23.28 -0.96 -6.81	17.60 -0.74 -7.29	9.24 -0.59 0.00	39.76 -0.69 -26.71	11.71 -0.52 0.00	16.79 -0.70 0.00	5.46 -0.17 0.00	2.57 -0.09 0.00
NEG_PENN_ALLEGHNY 23528	5.33 -0.04 -8.36	7.26 0.00 -7.50	7.78 0.06 -4.86	7.56 0.07 -4.37	6.97 0.09 -3.61	8.00 0.11 -3.95	5.76 0.03 -4.50	6.02 0.10 -1.70	18.53 0.41 -2.36	86.61 1.81 -26.55	42.13 0.78 -10.38	54.52 1.11 -10.32	64.27 1.10 -24.07	72.58 1.78 -19.00	20.19 0.51 -1.52	24.18 0.49 -2.35	19.19 0.43 -1.33	12.13 0.22 -0.86	10.04 0.22 0.00	16.79 0.35 -2.70	12.55 0.32 0.00	17.95 0.46 0.00	5.78 0.15 -0.01	2.73 0.06 -0.01
NEG___GEN_MONROE 24207	0.15 0.07 -3.06	2.52 0.01 -2.75	4.62 -0.02 -1.78	4.72 -0.01 -1.60	4.59 0.00 -1.32	5.41 0.01 -1.45	2.87 -0.01 -1.65	4.76 -0.08 -0.63	16.35 -0.36 -0.96	57.75 -0.49 0.00	29.42 -0.64 0.91	40.63 -0.92 1.54	38.44 -0.67 0.00	51.54 -0.08 0.19	17.37 -0.26 0.53	19.78 -0.59 0.97	17.17 -0.50 -0.24	10.26 -0.41 0.38	9.52 -0.31 0.00	13.42 -0.31 0.00	12.04 -0.19 0.00	17.20 -0.29 0.00	5.56 -0.06 0.00	2.62 -0.04 0.00
NEPA___ENERGY 23901	1.74 0.09 -4.63	3.93 0.02 -4.16	5.57 0.02 -2.69	5.57 0.03 -2.42	5.32 0.05 -2.00	6.19 0.06 -2.19	3.73 0.01 -2.50	5.66 -0.03 -1.48	37.13 -0.27 -21.64	295.89 0.13 -237.51	123.24 -0.59 -92.86	135.87 -0.91 -93.68	258.37 -0.65 -219.92	225.74 0.35 -173.58	31.77 -0.28 -13.89	42.06 -0.75 -21.47	23.26 -0.51 -6.34	18.40 -0.48 -7.83	9.46 -0.36 0.00	38.08 -0.36 -24.70	12.03 -0.19 0.00	17.28 -0.20 0.00	5.61 -0.02 0.00	2.64 -0.02 0.00
NEVERSINK___HYD 23608	19.44 -0.15 -22.58	20.00 -0.02 -20.26	16.11 0.13 -13.12	15.06 0.14 -11.79	13.17 0.14 -9.76	14.80 0.19 -10.67	13.46 0.06 -12.17	8.99 0.23 -4.55	16.49 0.74 0.00	60.93 2.68 0.00	32.50 1.53 0.00	45.21 2.12 0.00	40.93 1.82 0.00	53.91 2.11 0.00	18.99 0.83 0.00	22.40 1.05 0.00	20.16 0.79 -1.94	11.57 0.52 0.00	10.31 0.48 0.00	14.40 0.66 0.00	12.79 0.56 0.00	18.26 0.78 0.00	5.87 0.22 -0.02	2.78 0.10 -0.02
NEWTON___FALLS_HYD 23847	-2.79 0.20 0.00	-0.22 0.02 0.00	2.59 -0.28 0.00	2.82 -0.30 0.00	2.92 -0.35 0.00	3.55 -0.40 0.00	1.12 -0.11 0.00	3.83 -0.38 0.00	14.36 -1.39 0.00	51.91 -6.33 0.00	28.16 -2.81 0.00	39.24 -3.86 0.00	35.29 -3.81 0.00	46.90 -4.90 0.00	16.47 -1.69 0.00	19.35 -2.00 0.00	15.77 -1.66 0.00	10.09 -0.96 0.00	8.99 -0.83 0.00	12.54 -1.20 0.00	11.12 -1.10 0.00	15.90 -1.58 0.00	5.14 -0.49 0.00	2.43 -0.22 0.00
NIAGARA____ 23760	1.02 0.21 -3.80	3.20 0.03 -3.41	4.95 -0.12 -2.21	5.00 -0.11 -1.98	4.80 -0.11 -1.64	5.60 -0.14 -1.80	3.20 -0.07 -2.05	4.24 -0.36 -0.40	0.91 -1.46 13.39	-84.52 -4.01 138.76	-22.62 -2.60 51.00	-9.84 -3.76 49.18	-92.38 -3.22 128.26	-51.83 -3.07 100.56	10.46 -1.48 6.22	10.12 -2.17 9.06	12.59 -1.64 3.21	6.69 -1.15 3.21	8.87 -0.96 0.00	-1.90 -1.22 14.41	11.25 -0.98 0.00	16.13 -1.36 0.00	5.27 -0.35 0.00	2.50 -0.16 0.00



NINE_MILE_1 23575	-1.31 0.11 -1.57	1.18 0.01 -1.41	3.67 -0.10 -0.91	3.84 -0.11 -0.82	3.84 -0.11 -0.68	4.56 -0.13 -0.74	2.03 -0.04 -0.85	4.36 -0.16 -0.31	15.16 -0.59 0.00	56.13 -2.12 0.00	29.81 -1.16 0.00	41.45 -1.64 0.00	37.65 -1.45 0.00	49.99 -1.81 0.00	17.50 -0.67 0.00	20.52 -0.82 0.00	16.90 -0.65 -0.12	10.63 -0.42 0.00	9.45 -0.37 0.00	13.24 -0.50 0.00	11.78 -0.44 0.00	16.85 -0.64 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
NINE_MILE_2 23744	-1.32 0.11 -1.56	1.17 0.01 -1.40	3.67 -0.10 -0.91	3.83 -0.11 -0.81	3.83 -0.11 -0.67	4.55 -0.13 -0.74	2.02 -0.04 -0.84	4.36 -0.16 -0.31	15.16 -0.59 0.00	56.13 -2.12 0.00	29.81 -1.16 0.00	41.46 -1.63 0.00	37.65 -1.45 0.00	50.02 -1.79 0.00	17.50 -0.67 0.00	20.53 -0.82 0.00	16.90 -0.65 -0.12	10.63 -0.42 0.00	9.45 -0.37 0.00	13.24 -0.50 0.00	11.78 -0.44 0.00	16.86 -0.63 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
NM_CAPITAL___DRP 24208	30.85 -0.10 -33.93	30.20 0.00 -30.45	22.67 0.09 -19.72	20.95 0.10 -17.72	18.03 0.10 -14.66	20.10 0.12 -16.03	19.55 0.04 -18.28	11.39 0.15 -7.04	16.26 0.50 0.00	59.91 1.67 0.00	31.90 0.93 0.00	44.37 1.28 0.00	40.23 1.12 0.00	53.11 1.31 0.00	18.68 0.52 0.00	22.01 0.67 0.00	21.17 0.56 -3.18	11.41 0.35 0.00	10.13 0.31 0.00	14.16 0.42 0.00	12.60 0.38 0.00	18.06 0.58 0.00	5.86 0.19 -0.04	2.79 0.10 -0.04
NM_CENTRAL___DRP 24181	-0.93 0.05 -2.00	1.55 0.00 -1.79	3.98 -0.04 -1.16	4.12 -0.05 -1.05	4.09 -0.04 -0.86	4.84 -0.05 -0.94	2.28 -0.02 -1.08	4.54 -0.06 -0.39	15.49 -0.27 0.00	57.44 -0.81 0.00	30.50 -0.47 0.00	42.43 -0.66 0.00	38.53 -0.57 0.00	51.26 -0.54 0.00	17.91 -0.25 0.00	20.99 -0.36 0.00	17.32 -0.27 -0.16	10.87 -0.18 0.00	9.67 -0.16 0.00	13.55 -0.18 0.00	12.05 -0.17 0.00	17.23 -0.26 0.00	5.55 -0.08 0.00	2.62 -0.04 0.00
NM_FRONTIER___DRP 24179	1.04 0.22 -3.81	3.19 0.02 -3.42	4.94 -0.14 -2.21	4.99 -0.12 -1.99	4.80 -0.11 -1.65	5.57 -0.18 -1.80	3.20 -0.08 -2.05	4.95 -0.40 -1.14	29.00 -1.60 -14.85	215.11 -4.38 -161.25	74.70 -2.85 -46.58	74.87 -4.12 -35.90	184.91 -3.50 -149.31	162.88 -3.38 -114.46	16.41 -1.63 0.12	16.00 -2.36 2.99	20.03 -1.77 -4.37	8.25 -1.25 1.56	8.78 -1.04 0.00	29.18 -1.33 -16.77	11.14 -1.09 0.00	15.99 -1.50 0.00	5.23 -0.39 0.00	2.49 -0.17 0.00
NM_ST_REGIS___HYD 24053	-27.30 0.33 24.65	-26.90 0.04 26.70	-29.26 -0.45 31.67	-29.79 -0.48 32.43	-17.96 -0.57 20.65	2.81 -0.67 0.46	-20.83 -0.18 21.87	-26.09 -0.63 29.67	-29.85 -2.27 43.33	-30.33 -10.58 78.00	-31.46 -4.97 57.46	-33.71 -6.36 70.44	-45.41 -6.36 78.15	-29.86 -8.55 73.10	-29.97 -2.91 45.22	-29.99 -3.37 47.97	-29.99 -2.80 44.63	-29.54 -1.62 38.97	2.94 -1.43 5.45	5.43 -2.10 6.21	-2.20 -1.92 12.51	-30.12 -2.71 44.89	-18.20 -0.85 22.98	-28.49 -0.39 30.77
NORTHPORT___1 23551	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.29 -12.11	26.07 0.37 -21.75	53.36 0.12 -52.01	175.14 0.42 -170.52	98.62 1.55 -81.32	74.93 5.77 -10.91	49.40 3.13 -15.30	49.22 4.36 -1.76	44.56 3.86 -1.59	65.86 4.78 -9.27	209.59 1.87 -189.56	168.99 2.30 -145.35	144.22 1.67 -125.11	12.00 0.95 0.00	10.74 0.91 0.00	14.69 0.95 0.00	13.17 0.94 0.00	18.94 1.45 0.00	8.23 0.46 -2.15	2.92 0.23 -0.03
NORTHPORT___2 23552	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.29 -12.11	26.07 0.37 -21.75	53.36 0.12 -52.01	175.14 0.42 -170.52	98.62 1.55 -81.32	74.93 5.77 -10.91	49.40 3.13 -15.30	49.22 4.36 -1.76	44.56 3.86 -1.59	65.86 4.78 -9.27	209.59 1.87 -189.56	168.99 2.30 -145.35	144.22 1.67 -125.11	12.00 0.95 0.00	10.74 0.91 0.00	14.69 0.95 0.00	13.17 0.94 0.00	18.94 1.45 0.00	8.23 0.46 -2.15	2.92 0.23 -0.03
NORTHPORT___3 23553	22.54 -0.28 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.29 -12.11	26.06 0.37 -21.75	53.35 0.12 -52.01	175.13 0.41 -170.52	98.55 1.48 -81.32	74.66 5.50 -10.91	49.27 2.99 -15.30	49.03 4.18 -1.76	44.39 3.69 -1.59	65.59 4.51 -9.27	209.50 1.78 -189.56	168.92 2.22 -145.35	144.16 1.61 -125.11	11.98 0.92 0.00	10.71 0.88 0.00	14.70 0.96 0.00	13.13 0.90 0.00	18.89 1.40 0.00	8.22 0.45 -2.15	2.92 0.23 -0.03
NORTHPORT___4 23650	22.54 -0.28 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.29 -12.11	26.06 0.37 -21.75	53.35 0.12 -52.01	175.13 0.41 -170.52	98.55 1.48 -81.32	74.66 5.50 -10.91	49.27 2.99 -15.30	49.03 4.18 -1.76	44.39 3.69 -1.59	65.59 4.51 -9.27	209.50 1.78 -189.56	168.92 2.22 -145.35	144.16 1.61 -125.11	11.98 0.92 0.00	10.71 0.88 0.00	14.70 0.96 0.00	13.13 0.90 0.00	18.89 1.40 0.00	8.22 0.45 -2.15	2.92 0.23 -0.03
NORTHPORT___IC 23718	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.12 0.26 -15.00	16.87 0.27 -13.48	15.67 0.29 -12.11	26.07 0.37 -21.75	53.36 0.12 -52.01	175.14 0.42 -170.52	98.62 1.55 -81.32	74.93 5.77 -10.91	49.40 3.13 -15.30	49.22 4.36 -1.76	44.56 3.86 -1.59	65.86 4.78 -9.27	209.59 1.87 -189.56	168.99 2.30 -145.35	144.22 1.67 -125.11	12.00 0.95 0.00	10.74 0.91 0.00	14.69 0.95 0.00	13.17 0.94 0.00	18.94 1.45 0.00	8.23 0.46 -2.15	2.92 0.23 -0.03
NPX_GEN_1385_PROXY 323591	22.60 -0.22 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.82 0.22 -13.48	15.61 0.23 -12.11	27.13 0.33 -22.86	53.37 0.13 -52.01	175.14 0.41 -170.52	98.56 1.49 -81.32	74.21 5.05 -10.91	48.87 2.60 -15.30	48.39 3.53 -1.76	43.84 3.14 -1.59	64.87 3.80 -9.27	209.28 1.55 -189.56	168.65 1.95 -145.35	143.95 1.41 -125.11	9.34 0.64 2.36	4.99 0.63 5.47	14.05 0.58 0.27	13.08 0.86 0.00	18.76 1.27 0.00	8.24 0.47 -2.15	2.92 0.24 -0.03
NPX_GEN_CSC 323557	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.71 0.32 -12.11	27.24 0.44 -22.86	53.38 0.15 -52.01	175.21 0.49 -170.52	98.87 1.80 -81.32	76.07 6.91 -10.91	49.98 3.71 -15.30	50.01 5.16 -1.76	45.28 4.59 -1.59	66.81 5.74 -9.27	209.93 2.21 -189.56	169.38 2.69 -145.35	144.53 1.99 -125.11	12.23 1.18 0.00	10.94 1.12 0.00	14.64 0.90 0.00	13.08 0.86 0.00	18.81 1.32 0.00	8.17 0.40 -2.15	2.88 0.19 -0.03
NSINS_S_GLNS_FALLS 23858	31.93 -0.21 -35.12	31.26 -0.01 -31.51	23.47 0.20 -20.41	21.69 0.22 -18.34	18.66 0.22 -15.17	20.81 0.27 -16.59	20.24 0.09 -18.92	11.79 0.31 -7.27	16.97 1.22 0.00	62.66 4.42 0.00	33.29 2.32 0.00	45.94 2.85 0.00	41.67 2.56 0.00	54.88 3.07 0.00	19.17 1.01 0.00	22.66 1.32 0.00	21.81 1.10 -3.28	11.80 0.75 0.00	10.51 0.68 0.00	14.72 0.98 0.00	13.12 0.89 0.00	18.74 1.25 0.00	6.05 0.39 -0.04	2.88 0.18 -0.04
NUCOR_STEEL___DRP 24197	0.14 -0.02 -3.14	2.58 0.00 -2.82	4.72 0.03 -1.83	4.80 0.03 -1.64	4.67 0.05 -1.36	5.50 0.07 -1.48	2.94 0.02 -1.69	4.91 0.07 -0.63	16.05 0.30 0.00	59.69 1.44 0.00	31.62 0.64 0.00	43.83 0.74 0.00	39.92 0.82 0.00	53.24 1.44 0.00	18.54 0.38 0.00	21.63 0.28 0.00	17.87 0.17 -0.26	11.19 0.14 0.00	9.93 0.10 0.00	13.92 0.18 0.00	12.38 0.15 0.00	17.64 0.15 0.00	5.67 0.04 0.00	2.67 0.01 0.00



NYISO_LBMP_REFERENCE 24008	-2.99 0.00 0.00	-0.24 0.00 0.00	2.86 0.00 0.00	3.12 0.00 0.00	3.27 0.00 0.00	3.95 0.00 0.00	1.23 0.00 0.00	4.21 0.00 0.00	15.75 0.00 0.00	58.25 0.00 0.00	30.97 0.00 0.00	43.09 0.00 0.00	39.10 0.00 0.00	51.81 0.00 0.00	18.16 0.00 0.00	21.35 0.00 0.00	17.43 0.00 0.00	11.05 0.00 0.00	9.82 0.00 0.00	13.74 0.00 0.00	12.22 0.00 0.00	17.49 0.00 0.00	5.62 0.00 0.00	2.66 0.00 0.00
NYPA_BRENTWD____GT 24164	22.52 -0.30 -25.81	22.88 -0.04 -23.16	18.13 0.27 -15.00	16.88 0.28 -13.48	15.69 0.30 -12.11	26.08 0.39 -21.75	53.37 0.13 -52.01	175.16 0.43 -170.52	98.69 1.62 -81.32	75.43 6.28 -10.91	49.74 3.46 -15.30	49.71 4.85 -1.76	45.01 4.31 -1.59	66.47 5.39 -9.27	209.81 2.09 -189.56	169.25 2.55 -145.35	144.40 1.86 -125.11	12.11 1.06 0.00	10.84 1.01 0.00	14.81 1.08 0.00	13.27 1.04 0.00	19.07 1.59 0.00	8.28 0.51 -2.15	2.94 0.25 -0.03
NYPA_GOWANUS____GT5 24156	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NYPA_GOWANUS____GT6 24157	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.24 0.10 -13.91	9.88 0.38 -5.29	17.18 1.42 0.00	63.24 4.99 0.00	33.88 2.90 -0.01	47.11 4.02 0.00	44.45 3.58 -1.77	56.12 4.31 -0.01	20.79 1.73 -0.90	28.31 2.17 -4.80	35.04 1.66 -15.95	55.17 1.06 -43.06	36.94 0.95 -26.17	37.17 1.27 -22.16	49.76 1.14 -36.40	36.00 1.62 -16.89	6.16 0.51 -0.03	2.93 0.25 -0.03
NYPA_HARLEM__RVR__GT1 24160	22.59 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.04 1.29 0.00	62.61 4.36 0.00	33.56 2.58 -0.01	46.67 3.57 0.00	44.05 3.18 -1.77	55.53 3.72 -0.01	19.72 1.55 -0.01	23.27 1.92 -0.01	21.21 1.48 -2.30	25.87 0.92 -13.89	10.67 0.83 -0.01	14.86 1.12 -0.01	13.24 1.01 -0.01	18.94 1.45 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
NYPA_HARLEM__RVR__GT2 24161	22.59 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.04 1.29 0.00	62.61 4.36 0.00	33.56 2.58 -0.01	46.67 3.57 0.00	44.05 3.18 -1.77	55.53 3.72 -0.01	19.72 1.55 -0.01	23.27 1.92 -0.01	21.21 1.48 -2.30	25.87 0.92 -13.89	10.67 0.83 -0.01	14.86 1.12 -0.01	13.24 1.01 -0.01	18.94 1.45 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
NYPA_KENT____GT 24152	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.23 0.10 -13.91	9.87 0.37 -5.29	17.16 1.41 0.00	63.23 4.98 0.00	33.85 2.88 -0.01	47.08 3.99 0.00	44.64 3.56 -1.99	56.10 4.29 -0.01	20.45 1.72 -0.57	26.51 2.16 -3.01	29.94 1.65 -10.86	45.96 1.05 -33.85	27.17 0.94 -16.41	30.48 1.26 -15.48	39.74 1.12 -26.40	29.68 1.60 -10.59	6.16 0.50 -0.03	2.93 0.24 -0.03
NYPA_POUCH1____GT 24155	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.46 0.32 -12.19	15.23 0.10 -13.91	9.87 0.37 -5.29	17.15 1.39 0.00	63.09 4.84 0.00	33.84 2.86 -0.01	47.03 3.93 0.00	44.35 3.48 -1.77	55.94 4.13 -0.01	20.72 1.66 -0.90	28.23 2.09 -4.80	36.13 1.58 -17.11	63.51 1.01 -51.44	36.91 0.91 -26.17	37.94 1.21 -22.99	49.71 1.09 -36.40	35.94 1.56 -16.89	6.14 0.49 -0.03	2.92 0.23 -0.03
NYPA_VERNON____GT2 24162	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.45 0.32 -12.19	15.23 0.10 -13.91	9.87 0.37 -5.29	17.16 1.40 0.00	63.18 4.94 0.00	33.83 2.85 -0.01	47.05 3.95 0.00	44.83 3.53 -2.20	56.07 4.26 -0.01	20.11 1.71 -0.24	24.71 2.14 -1.23	24.84 1.64 -5.76	36.75 1.05 -24.65	17.41 0.94 -6.65	19.54 1.25 -4.55	20.15 1.11 -6.81	23.36 1.57 -4.29	6.15 0.50 -0.03	2.93 0.24 -0.03
NYPA_VERNON____GT3 24163	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.45 0.32 -12.19	15.23 0.10 -13.91	9.87 0.37 -5.29	17.16 1.40 0.00	63.18 4.94 0.00	33.83 2.85 -0.01	47.05 3.95 0.00	44.83 3.53 -2.20	56.07 4.26 -0.01	20.11 1.71 -0.24	24.71 2.14 -1.23	24.84 1.64 -5.76	36.75 1.05 -24.65	17.41 0.94 -6.65	19.54 1.25 -4.55	20.15 1.11 -6.81	23.36 1.57 -4.29	6.15 0.50 -0.03	2.93 0.24 -0.03
NYPA__ASTORIA_CC1 323568	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.24 -13.48	14.66 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.37 -5.29	17.14 1.38 0.00	63.09 4.84 0.00	33.79 2.81 -0.01	46.98 3.88 0.00	44.34 3.47 -1.77	55.97 4.16 -0.01	19.86 1.69 -0.01	23.46 2.11 -0.01	21.34 1.61 -2.30	25.97 1.03 -13.89	10.75 0.92 -0.01	14.97 1.23 -0.01	13.33 1.09 -0.01	19.05 1.55 -0.01	6.15 0.49 -0.03	2.93 0.24 -0.03
NYPA__ASTORIA_CC2 323569	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.24 -13.48	14.66 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.37 -5.29	17.14 1.38 0.00	63.09 4.84 0.00	33.79 2.81 -0.01	46.98 3.88 0.00	44.34 3.47 -1.77	55.97 4.16 -0.01	19.86 1.69 -0.01	23.46 2.11 -0.01	21.34 1.61 -2.30	25.97 1.03 -13.89	10.75 0.92 -0.01	14.97 1.23 -0.01	13.33 1.09 -0.01	19.05 1.55 -0.01	6.15 0.49 -0.03	2.93 0.24 -0.03
NYPA__HOLTSVILL 23794	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.70 0.32 -12.11	26.11 0.41 -21.75	53.37 0.14 -52.01	175.18 0.46 -170.52	98.77 1.70 -81.32	75.67 6.51 -10.91	49.77 3.50 -15.30	49.74 4.89 -1.76	45.02 4.33 -1.59	66.48 5.40 -9.27	209.82 2.09 -189.56	169.24 2.54 -145.35	144.41 1.87 -125.11	12.14 1.09 0.00	10.87 1.04 0.00	14.79 1.05 0.00	13.22 0.99 0.00	19.01 1.52 0.00	8.24 0.47 -2.15	2.92 0.23 -0.03
NYPA__HELLGATE_GT1 24158	22.59 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.04 1.29 0.00	62.61 4.36 0.00	33.56 2.58 -0.01	46.66 3.57 0.00	44.05 3.18 -1.77	55.53 3.72 -0.01	19.72 1.55 -0.01	23.27 1.92 -0.01	21.21 1.48 -2.30	25.87 0.92 -13.89	10.67 0.83 -0.01	14.86 1.12 -0.01	13.24 1.01 -0.01	18.94 1.45 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03
NYPA__HELLGATE_GT2 24159	22.59 -0.22 -25.81	22.91 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.23 -11.15	16.43 0.29 -12.19	15.22 0.09 -13.91	9.84 0.34 -5.29	17.04 1.29 0.00	62.61 4.36 0.00	33.56 2.58 -0.01	46.66 3.57 0.00	44.05 3.18 -1.77	55.53 3.72 -0.01	19.72 1.55 -0.01	23.27 1.92 -0.01	21.21 1.48 -2.30	25.87 0.92 -13.89	10.67 0.83 -0.01	14.86 1.12 -0.01	13.24 1.01 -0.01	18.94 1.45 -0.01	6.11 0.46 -0.03	2.92 0.23 -0.03



NYS_BARGE___HYD 23848	0.82 0.16 -3.64	3.06 0.03 -3.27	4.91 -0.07 -2.12	4.98 -0.05 -1.90	4.78 -0.06 -1.57	5.60 -0.07 -1.72	3.13 -0.06 -1.96	4.99 -0.31 -1.09	28.83 -1.24 -14.31	180.86 -3.16 -125.78	70.22 -2.22 -41.47	76.47 -3.29 -36.66	152.87 -2.75 -116.52	139.81 -2.37 -90.38	19.78 -1.26 -2.89	22.57 -1.92 -3.15	19.47 -1.43 -3.47	10.95 -1.03 -0.93	8.97 -0.85 0.00	25.77 -1.05 -13.09	11.39 -0.83 0.00	16.33 -1.15 0.00	5.34 -0.29 0.00	2.53 -0.13 0.00
O.H_GEN_BRUCE 24063	1.47 0.18 -4.27	3.62 0.03 -3.83	5.25 -0.09 -2.48	5.27 -0.08 -2.23	5.03 -0.08 -1.85	6.97 -0.11 -3.13	3.47 -0.05 -2.30	4.63 -0.28 -0.70	9.35 -1.17 5.23	2.81 -3.09 52.35	9.51 -2.15 19.31	21.24 -3.10 18.75	-12.19 -2.64 48.66	11.26 -2.37 38.16	14.55 -1.21 2.40	16.01 -1.82 3.52	15.06 -1.36 1.02	8.83 -0.97 1.25	9.02 -0.81 0.00	7.26 -1.01 5.47	11.46 -0.76 0.00	16.45 -1.04 0.00	5.36 -0.27 0.00	2.54 -0.13 0.00
OAK_ORCHARD___HYD 24046	0.16 0.11 -3.03	2.50 0.02 -2.72	4.56 -0.07 -1.76	4.65 -0.07 -1.58	4.52 -0.06 -1.31	5.31 -0.07 -1.43	2.83 -0.03 -1.63	4.66 -0.15 -0.60	15.15 -0.60 0.00	56.82 -1.43 0.00	28.87 -1.03 1.07	39.77 -1.52 1.80	37.86 -1.24 0.00	50.67 -0.91 0.22	16.99 -0.55 0.62	19.31 -0.89 1.14	17.02 -0.65 -0.24	10.14 -0.47 0.45	9.45 -0.37 0.00	13.31 -0.43 0.00	11.90 -0.33 0.00	16.98 -0.50 0.00	5.50 -0.13 0.00	2.59 -0.07 0.00
OCC_CHEM___DRP 24175	1.03 0.21 -3.81	3.20 0.02 -3.42	4.95 -0.12 -2.21	5.01 -0.11 -1.99	4.82 -0.10 -1.65	5.59 -0.16 -1.80	3.20 -0.08 -2.05	5.10 -0.38 -1.27	34.17 -1.53 -19.94	269.49 -4.12 -215.36	92.45 -2.70 -64.18	90.42 -3.92 -51.24	235.15 -3.33 -199.37	201.88 -3.17 -153.24	17.59 -1.55 -0.98	17.20 -2.25 1.89	21.47 -1.69 -5.73	8.60 -1.19 1.26	8.83 -0.99 0.00	34.87 -1.26 -22.39	11.20 -1.03 0.00	16.06 -1.42 0.00	5.26 -0.37 0.00	2.50 -0.16 0.00
OLIN_CORP_DRP 24177	1.01 0.21 -3.79	3.19 0.04 -3.40	4.96 -0.11 -2.20	5.02 -0.09 -1.98	4.80 -0.10 -1.64	5.61 -0.12 -1.79	3.19 -0.08 -2.04	5.14 -0.38 -1.31	35.82 -1.52 -21.59	279.09 -4.10 -224.94	100.50 -2.72 -72.25	101.46 -3.94 -62.31	244.06 -3.35 -208.30	209.81 -3.17 -161.18	20.66 -1.55 -4.05	22.67 -2.26 -3.59	21.72 -1.70 -5.98	10.71 -1.20 -0.86	8.82 -1.00 0.00	35.86 -1.27 -23.40	11.19 -1.04 0.00	16.05 -1.44 0.00	5.25 -0.37 0.00	2.49 -0.17 0.00
OLIN_CORP_DSASP 323712	1.03 0.21 -3.81	3.20 0.02 -3.42	4.95 -0.12 -2.21	5.01 -0.11 -1.99	4.82 -0.10 -1.65	5.59 -0.16 -1.80	3.20 -0.08 -2.05	5.10 -0.38 -1.27	34.17 -1.53 -19.94	269.49 -4.12 -215.36	92.45 -2.70 -64.18	90.42 -3.92 -51.24	235.15 -3.33 -199.37	201.88 -3.17 -153.24	17.59 -1.55 -0.98	17.20 -2.25 1.89	21.47 -1.69 -5.73	8.60 -1.19 1.26	8.83 -0.99 0.00	34.87 -1.26 -22.39	11.20 -1.03 0.00	16.06 -1.42 0.00	5.26 -0.37 0.00	2.50 -0.16 0.00
ONEIDA_HERK_LFGE 323681	-2.99 0.00 0.00	-0.24 0.00 0.00	2.85 -0.01 0.00	3.11 -0.01 0.00	3.25 -0.02 0.00	3.94 0.00 0.00	1.23 0.00 0.00	4.23 0.02 0.00	15.85 0.10 0.00	58.53 0.28 0.00	31.26 0.28 0.00	43.43 0.34 0.00	39.35 0.25 0.00	52.23 0.43 0.00	18.28 0.12 0.00	21.44 0.10 0.00	17.51 0.08 0.00	11.13 0.07 0.00	9.91 0.09 0.00	13.89 0.15 0.00	12.33 0.10 0.00	17.57 0.08 0.00	5.64 0.02 0.00	2.66 0.00 0.00
ONONDAGA_REF_OCCRA 23987	-0.54 0.04 -2.40	1.91 0.00 -2.15	4.22 -0.04 -1.39	4.34 -0.04 -1.25	4.27 -0.03 -1.04	5.05 -0.03 -1.13	2.51 -0.01 -1.30	4.65 -0.04 -0.48	15.60 -0.15 0.00	57.85 -0.40 0.00	30.73 -0.24 0.00	42.73 -0.36 0.00	38.76 -0.34 0.00	51.53 -0.27 0.00	18.02 -0.15 0.00	21.12 -0.23 0.00	17.46 -0.16 -0.20	10.94 -0.11 0.00	9.73 -0.10 0.00	13.64 -0.10 0.00	12.13 -0.10 0.00	17.32 -0.17 0.00	5.58 -0.05 0.00	2.63 -0.03 0.00
ONONDAGA___COGEN 23986	-0.52 0.04 -2.42	1.94 0.00 -2.17	4.24 -0.03 -1.41	4.36 -0.03 -1.27	4.29 -0.03 -1.05	5.06 -0.03 -1.15	2.52 -0.01 -1.31	4.68 -0.03 -0.50	15.64 -0.12 0.00	57.96 -0.29 0.00	30.77 -0.21 0.00	42.78 -0.31 0.00	38.85 -0.25 0.00	51.58 -0.22 0.00	18.02 -0.14 0.00	21.11 -0.24 0.00	17.46 -0.17 -0.20	10.93 -0.12 0.00	9.71 -0.11 0.00	13.61 -0.13 0.00	12.10 -0.12 0.00	17.29 -0.20 0.00	5.57 -0.06 0.00	2.63 -0.03 0.00
ONTARIO___LFGE 23819	0.64 0.05 -3.58	2.98 0.01 -3.21	4.94 -0.01 -2.08	4.99 -0.01 -1.87	4.82 0.01 -1.55	5.65 0.01 -1.69	3.16 0.00 -1.93	4.94 0.00 -0.74	16.77 0.04 -0.97	69.08 0.75 -10.09	34.26 0.13 -3.15	45.84 0.15 -2.61	48.57 0.27 -9.20	59.83 0.92 -7.10	18.43 0.14 -0.13	21.38 -0.03 -0.06	17.99 0.02 -0.54	11.01 -0.04 0.00	9.80 -0.02 0.00	14.79 0.03 -1.02	12.26 0.04 0.00	17.51 0.03 0.00	5.64 0.01 0.00	2.66 -0.01 0.00
ORANGEVILLE_WT_PWR 323706	1.77 0.16 -4.59	3.90 0.02 -4.12	5.44 -0.09 -2.67	5.44 -0.08 -2.40	5.18 -0.08 -1.99	6.02 -0.09 -2.17	3.66 -0.04 -2.48	5.34 -0.22 -1.34	31.59 -0.78 -16.61	245.08 -1.49 -188.32	103.58 -1.27 -73.88	115.90 -1.87 -74.67	211.83 -1.50 -174.23	188.51 -0.86 -137.57	28.63 -0.69 -11.15	37.42 -1.21 -17.28	21.66 -0.89 -5.12	16.70 -0.67 -6.31	9.27 -0.55 0.00	32.60 -0.70 -19.57	11.61 -0.62 0.00	16.66 -0.83 0.00	5.42 -0.21 0.00	2.55 -0.11 0.00
OSWEGATCHIE___HYD 24044	-2.79 0.20 0.00	-0.22 0.02 0.00	2.59 -0.28 0.00	2.82 -0.30 0.00	2.92 -0.35 0.00	3.55 -0.40 0.00	1.12 -0.11 0.00	3.83 -0.38 0.00	14.36 -1.39 0.00	51.91 -6.33 0.00	28.16 -2.81 0.00	39.24 -3.86 0.00	35.29 -3.81 0.00	46.90 -4.90 0.00	16.47 -1.69 0.00	19.35 -2.00 0.00	15.77 -1.66 0.00	10.09 -0.96 0.00	8.99 -0.83 0.00	12.54 -1.20 0.00	11.12 -1.10 0.00	15.90 -1.58 0.00	5.14 -0.49 0.00	2.43 -0.22 0.00
OSWEGO___5 23606	-1.10 0.09 -1.79	1.38 0.01 -1.61	3.83 -0.07 -1.04	3.98 -0.08 -0.94	3.96 -0.08 -0.78	4.70 -0.10 -0.85	2.16 -0.03 -0.97	4.44 -0.12 -0.35	15.30 -0.45 0.00	56.68 -1.57 0.00	30.09 -0.88 0.00	41.83 -1.26 0.00	38.00 -1.11 0.00	50.50 -1.30 0.00	17.66 -0.51 0.00	20.71 -0.64 0.00	17.07 -0.50 -0.14	10.73 -0.33 0.00	9.54 -0.28 0.00	13.36 -0.38 0.00	11.89 -0.33 0.00	17.00 -0.48 0.00	5.48 -0.15 0.00	2.59 -0.07 0.00
OSWEGO___6 23613	-1.10 0.09 -1.79	1.38 0.01 -1.61	3.83 -0.07 -1.04	3.98 -0.08 -0.94	3.96 -0.08 -0.78	4.70 -0.10 -0.85	2.16 -0.03 -0.97	4.44 -0.12 -0.35	15.30 -0.45 0.00	56.68 -1.57 0.00	30.09 -0.88 0.00	41.83 -1.26 0.00	38.00 -1.11 0.00	50.50 -1.30 0.00	17.66 -0.51 0.00	20.71 -0.64 0.00	17.07 -0.50 -0.14	10.73 -0.33 0.00	9.54 -0.28 0.00	13.36 -0.38 0.00	11.89 -0.33 0.00	17.00 -0.48 0.00	5.48 -0.15 0.00	2.59 -0.07 0.00
OUTOKUMPU-AB___DRP 24206	0.97 0.15 -3.81	3.20 0.02 -3.42	5.02 -0.06 -2.22	5.08 -0.04 -1.99	4.88 -0.04 -1.65	5.69 -0.06 -1.80	3.23 -0.05 -2.06	5.22 -0.28 -1.29	35.22 -1.13 -20.59	268.99 -2.69 -213.44	101.90 -1.95 -72.88	106.64 -2.87 -66.41	234.39 -2.38 -197.67	203.76 -1.88 -153.84	23.43 -1.09 -6.35	27.65 -1.73 -8.02	21.85 -1.27 -5.69	12.75 -0.93 -2.63	9.07 -0.75 0.00	35.02 -0.92 -22.20	11.50 -0.73 0.00	16.51 -0.98 0.00	5.40 -0.23 0.00	2.56 -0.10 0.00



OXBOW____ 24026	1.00 0.17 -3.81	3.20 0.02 -3.42	4.99 -0.08 -2.21	5.05 -0.06 -1.99	4.86 -0.06 -1.65	5.65 -0.10 -1.80	3.22 -0.06 -2.06	5.17 -0.32 -1.28	34.75 -1.28 -20.27	269.40 -3.22 -214.37	97.38 -2.23 -68.64	98.86 -3.26 -59.03	234.88 -2.73 -198.50	203.01 -2.34 -153.55	20.64 -1.26 -3.73	22.62 -1.92 -3.20	21.72 -1.43 -5.71	10.76 -1.03 -0.73	8.98 -0.84 0.00	34.99 -1.05 -22.30	11.39 -0.84 0.00	16.34 -1.15 0.00	5.35 -0.28 0.00	2.54 -0.13 0.00
OXY_CHEM_DSASP 323612	1.03 0.21 -3.81	3.20 0.02 -3.42	4.95 -0.12 -2.21	5.01 -0.11 -1.99	4.82 -0.10 -1.65	5.59 -0.16 -1.80	3.20 -0.08 -2.05	5.10 -0.38 -1.27	34.17 -1.53 -19.94	269.49 -4.12 -215.36	92.45 -2.70 -64.18	90.42 -3.92 -51.24	235.15 -3.33 -199.37	201.88 -3.17 -153.24	17.59 -1.55 -0.98	17.20 -2.25 1.89	21.47 -1.69 -5.73	8.60 -1.19 1.26	8.83 -0.99 0.00	34.87 -1.26 -22.39	11.20 -1.03 0.00	16.06 -1.42 0.00	5.26 -0.37 0.00	2.50 -0.16 0.00
PEEKSKILL____ 23653	22.42 -0.22 -25.63	22.73 -0.03 -23.00	17.94 0.19 -14.89	16.71 0.20 -13.39	14.54 0.20 -11.07	16.31 0.26 -12.11	15.12 0.08 -13.81	9.76 0.30 -5.25	16.92 1.16 0.00	62.46 4.22 0.00	33.35 2.37 0.00	46.40 3.31 0.00	42.05 2.95 0.00	55.36 3.56 0.00	19.57 1.40 0.00	23.10 1.75 0.00	21.04 1.34 -2.27	11.92 0.87 0.00	10.60 0.78 0.00	14.78 1.04 0.00	13.15 0.92 0.00	18.81 1.33 0.00	6.06 0.41 -0.03	2.88 0.20 -0.03
PGE MADISON____WINDPWR 24146	4.40 -0.17 -7.56	6.50 -0.05 -6.79	7.36 0.11 -4.40	7.20 0.13 -3.95	6.69 0.16 -3.27	7.75 0.23 -3.57	5.39 0.09 -4.08	6.27 0.38 -1.69	18.55 1.65 -1.15	77.45 6.32 -12.89	39.12 3.13 -5.02	52.43 4.49 -4.84	54.30 4.06 -11.13	65.70 5.11 -8.78	20.50 1.65 -0.69	24.25 1.84 -1.07	20.02 1.49 -1.10	12.27 0.83 -0.39	10.52 0.70 0.00	16.05 1.06 -1.25	13.07 0.84 0.00	18.55 1.06 0.00	5.90 0.26 -0.01	2.77 0.11 -0.01
PIERCEFIELD____HYD 23852	-3.57 0.34 0.94	-1.04 0.04 0.84	1.87 -0.45 0.54	2.15 -0.49 0.49	2.29 -0.57 0.40	2.84 -0.66 0.44	0.54 -0.18 0.50	3.37 -0.64 0.19	13.40 -2.35 0.00	47.37 -10.87 0.00	25.89 -5.08 0.00	36.60 -6.49 0.00	32.62 -6.48 0.00	43.10 -8.71 0.00	15.20 -2.96 0.00	17.92 -3.43 0.00	14.49 -2.86 0.09	9.38 -1.67 0.00	8.35 -1.48 0.00	11.58 -2.16 0.00	10.25 -1.98 0.00	14.66 -2.83 0.00	4.76 -0.86 0.00	2.26 -0.39 0.00
PINELAWN_CC_1 323563	22.52 -0.31 -25.81	22.89 -0.03 -23.16	18.14 0.28 -15.00	16.89 0.29 -13.48	15.70 0.31 -12.11	26.09 0.40 -21.75	53.37 0.13 -52.01	173.74 0.45 -169.09	97.93 1.67 -80.51	75.40 6.33 -10.82	49.71 3.44 -15.30	49.51 4.79 -1.63	44.89 4.24 -1.55	66.21 5.30 -9.11	206.12 2.05 -185.91	166.28 2.51 -142.42	141.87 1.76 -122.68	12.04 0.99 0.00	10.74 0.92 0.00	14.71 0.98 0.00	13.22 0.99 0.00	19.16 1.67 0.00	8.30 0.52 -2.15	2.94 0.26 -0.03
PJM_GEN_HTP_PROXY 323702	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.83 0.23 -13.48	14.65 0.23 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.08 1.33 0.00	63.09 4.84 0.00	33.71 2.73 0.00	46.89 3.80 0.00	42.50 3.40 0.00	55.66 4.14 0.28	13.22 1.63 6.57	23.38 2.04 0.00	20.50 1.57 -1.50	17.29 1.01 -5.22	3.81 0.90 6.91	7.11 1.21 7.84	13.29 1.07 0.00	18.99 1.51 0.00	6.12 0.47 -0.03	2.92 0.23 -0.03
PJM_GEN_KEYSTONE 24065	14.30 -0.08 -17.36	15.33 -0.01 -15.58	13.05 0.09 -10.09	12.30 0.11 -9.07	10.88 0.11 -7.50	12.29 0.14 -8.20	10.62 0.04 -9.35	7.95 0.12 -3.62	19.39 0.41 -3.23	96.34 1.86 -36.23	45.97 0.85 -14.15	58.38 1.13 -14.15	73.26 1.05 -33.11	79.27 1.61 -25.86	-7.47 0.51 26.14	25.07 0.50 -3.22	19.42 0.39 -1.60	17.66 0.21 -6.40	3.12 0.21 6.91	-15.59 0.33 29.65	12.60 0.38 0.00	18.05 0.57 0.00	5.83 0.19 -0.02	2.77 0.09 -0.02
PJM_GEN_NEPTUNE_PROXY 323594	22.55 -0.27 -25.81	22.89 -0.03 -23.16	18.11 0.25 -15.00	16.86 0.26 -13.48	15.66 0.28 -12.11	26.04 0.35 -21.75	53.35 0.11 -52.01	175.12 0.40 -170.52	98.55 1.48 -81.32	74.69 5.53 -10.91	49.31 3.03 -15.30	49.09 4.23 -1.76	44.39 3.70 -1.59	65.32 4.53 -8.99	202.93 1.79 -182.99	168.90 2.20 -145.35	86.00 1.60 -66.97	17.21 0.94 -5.22	3.80 0.89 6.91	6.90 1.00 7.84	13.16 0.94 0.00	18.94 1.45 0.00	7.23 0.45 -1.16	2.91 0.23 -0.03
PJM_GEN_VFT_PROXY 323633	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.83 0.23 -13.48	14.65 0.23 -11.15	17.55 0.30 -13.31	15.23 0.10 -13.91	9.84 0.35 -5.29	17.08 1.33 0.00	63.07 4.83 0.00	33.69 2.72 0.00	46.89 3.80 0.00	42.49 3.39 0.00	55.92 4.12 0.00	19.80 1.64 0.00	23.41 2.06 0.00	21.31 1.59 -2.29	12.07 1.02 0.00	10.74 0.91 0.00	14.97 1.23 0.00	13.31 1.08 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
PLEASANTVLY____LBMP 24000	23.62 -0.21 -26.82	23.80 -0.02 -24.07	18.63 0.18 -15.59	17.33 0.19 -14.01	15.05 0.20 -11.59	16.86 0.25 -12.67	15.75 0.08 -14.45	10.00 0.29 -5.50	16.86 1.10 0.00	62.25 4.01 0.00	33.24 2.26 0.00	46.23 3.14 0.00	41.90 2.80 0.00	55.20 3.40 0.00	19.49 1.33 0.00	22.99 1.65 0.00	21.11 1.27 -2.40	11.88 0.82 0.00	10.56 0.74 0.00	14.74 1.00 0.00	13.11 0.88 0.00	18.75 1.26 0.00	6.04 0.39 -0.03	2.88 0.19 -0.03
POLETTI____ 23519	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.09 1.33 0.00	63.08 4.84 0.00	33.71 2.74 0.00	46.90 3.81 0.00	42.51 3.41 0.00	55.95 4.14 0.00	19.80 1.64 0.00	23.40 2.05 0.00	21.30 1.57 -2.29	12.07 1.02 0.00	10.73 0.91 0.00	14.95 1.21 0.00	13.30 1.07 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.23 -0.03
PORT_JEFF_3 23555	22.52 -0.31 -25.81	22.89 -0.03 -23.16	18.14 0.28 -15.00	16.90 0.30 -13.48	15.71 0.32 -12.11	26.11 0.42 -21.75	53.38 0.14 -52.01	175.19 0.47 -170.52	98.81 1.74 -81.32	75.84 6.68 -10.91	49.86 3.58 -15.30	49.86 5.00 -1.76	45.14 4.44 -1.59	66.64 5.56 -9.27	209.87 2.15 -189.56	169.30 2.60 -145.35	144.44 1.90 -125.11	12.15 1.10 0.00	10.88 1.06 0.00	14.80 1.06 0.00	13.23 1.01 0.00	19.06 1.57 0.00	8.26 0.48 -2.15	2.92 0.24 -0.03
PORT_JEFF_4 23616	22.52 -0.31 -25.81	22.89 -0.03 -23.16	18.14 0.28 -15.00	16.90 0.30 -13.48	15.71 0.32 -12.11	26.11 0.42 -21.75	53.38 0.14 -52.01	175.19 0.47 -170.52	98.81 1.74 -81.32	75.84 6.68 -10.91	49.86 3.58 -15.30	49.86 5.00 -1.76	45.14 4.44 -1.59	66.64 5.56 -9.27	209.87 2.15 -189.56	169.30 2.60 -145.35	144.44 1.90 -125.11	12.15 1.10 0.00	10.88 1.06 0.00	14.80 1.06 0.00	13.23 1.01 0.00	19.06 1.57 0.00	8.26 0.48 -2.15	2.92 0.24 -0.03
PORT_JEFF_IC 23713	22.51 -0.31 -25.81	22.89 -0.03 -23.16	18.15 0.29 -15.00	16.91 0.30 -13.48	15.71 0.33 -12.11	26.12 0.43 -21.75	53.38 0.14 -52.01	175.21 0.48 -170.52	98.86 1.79 -81.32	76.02 6.86 -10.91	49.96 3.68 -15.30	50.01 5.15 -1.76	45.26 4.57 -1.59	66.79 5.71 -9.27	209.93 2.21 -189.56	169.37 2.67 -145.35	144.46 1.92 -125.11	12.15 1.09 0.00	10.88 1.05 0.00	14.78 1.04 0.00	13.23 1.01 0.00	19.11 1.62 0.00	8.27 0.50 -2.15	2.93 0.24 -0.03



PPL PILGRIM_ST_GT1 24216	22.52 -0.30 -25.81	22.88 -0.04 -23.16	18.13 0.27 -15.00	16.88 0.28 -13.48	15.69 0.30 -12.11	26.08 0.39 -21.75	53.37 0.13 -52.01	175.16 0.43 -170.52	98.69 1.62 -81.32	75.43 6.28 -10.91	49.74 3.46 -15.30	49.71 4.85 -1.76	45.01 4.31 -1.59	66.47 5.39 -9.27	209.81 2.09 -189.56	169.25 2.55 -145.35	144.40 1.86 -125.11	12.11 1.06 0.00	10.84 1.01 0.00	14.81 1.08 0.00	13.27 1.04 0.00	19.07 1.59 0.00	8.28 0.51 -2.15	2.94 0.25 -0.03
PPL PILGRIM_ST_GT2 24217	22.52 -0.30 -25.81	22.88 -0.04 -23.16	18.13 0.27 -15.00	16.88 0.28 -13.48	15.69 0.30 -12.11	26.08 0.39 -21.75	53.37 0.13 -52.01	175.16 0.43 -170.52	98.69 1.62 -81.32	75.43 6.28 -10.91	49.74 3.46 -15.30	49.71 4.85 -1.76	45.01 4.31 -1.59	66.47 5.39 -9.27	209.81 2.09 -189.56	169.25 2.55 -145.35	144.40 1.86 -125.11	12.11 1.06 0.00	10.84 1.01 0.00	14.81 1.08 0.00	13.27 1.04 0.00	19.07 1.59 0.00	8.28 0.51 -2.15	2.94 0.25 -0.03
PPL_SHRM_GT3 24213	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.71 0.32 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.49 -170.52	98.87 1.80 -81.32	76.07 6.92 -10.91	49.99 3.72 -15.30	50.04 5.18 -1.76	45.30 4.60 -1.59	66.84 5.76 -9.27	209.94 2.22 -189.56	169.39 2.69 -145.35	144.55 2.00 -125.11	12.24 1.18 0.00	10.95 1.13 0.00	14.68 0.94 0.00	13.12 0.89 0.00	18.84 1.35 0.00	8.18 0.41 -2.15	2.88 0.20 -0.03
PPL_SHRM_GT4 24214	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.71 0.32 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.49 -170.52	98.87 1.80 -81.32	76.07 6.92 -10.91	49.99 3.72 -15.30	50.04 5.18 -1.76	45.30 4.60 -1.59	66.84 5.76 -9.27	209.94 2.22 -189.56	169.39 2.69 -145.35	144.55 2.00 -125.11	12.24 1.18 0.00	10.95 1.13 0.00	14.68 0.94 0.00	13.12 0.89 0.00	18.84 1.35 0.00	8.18 0.41 -2.15	2.88 0.20 -0.03
PROJECT___ORANGE 1 24174	-0.89 0.05 -2.04	1.59 0.00 -1.83	4.01 -0.04 -1.19	4.15 -0.04 -1.07	4.11 -0.04 -0.88	4.87 -0.05 -0.96	2.31 -0.02 -1.10	4.55 -0.06 -0.40	15.51 -0.25 0.00	57.52 -0.73 0.00	30.53 -0.44 0.00	42.47 -0.62 0.00	38.57 -0.53 0.00	51.31 -0.49 0.00	17.93 -0.23 0.00	21.01 -0.33 0.00	17.34 -0.25 -0.16	10.88 -0.17 0.00	9.68 -0.15 0.00	13.57 -0.17 0.00	12.07 -0.16 0.00	17.24 -0.24 0.00	5.55 -0.07 0.00	2.62 -0.04 0.00
PROJECT___ORANGE 2 24166	-0.89 0.05 -2.04	1.59 0.00 -1.83	4.01 -0.04 -1.19	4.15 -0.04 -1.07	4.11 -0.04 -0.88	4.87 -0.05 -0.96	2.31 -0.02 -1.10	4.55 -0.06 -0.40	15.51 -0.25 0.00	57.52 -0.73 0.00	30.53 -0.44 0.00	42.47 -0.62 0.00	38.57 -0.53 0.00	51.31 -0.49 0.00	17.93 -0.23 0.00	21.01 -0.33 0.00	17.34 -0.25 -0.16	10.88 -0.17 0.00	9.68 -0.15 0.00	13.57 -0.17 0.00	12.07 -0.16 0.00	17.24 -0.24 0.00	5.55 -0.07 0.00	2.62 -0.04 0.00
PYRITES___HYD 24023	-3.63 0.32 0.96	-1.07 0.03 0.86	1.87 -0.43 0.56	2.16 -0.47 0.50	2.30 -0.55 0.42	2.86 -0.63 0.46	0.53 -0.17 0.52	3.41 -0.60 0.20	13.59 -2.16 0.00	48.02 -10.22 0.00	26.20 -4.77 0.00	37.13 -5.96 0.00	33.04 -6.06 0.00	43.61 -8.19 0.00	15.38 -2.78 0.00	18.12 -3.22 0.00	14.67 -2.67 0.09	9.50 -1.55 0.00	8.46 -1.36 0.00	11.74 -1.99 0.00	10.38 -1.85 0.00	14.83 -2.66 0.00	4.81 -0.81 0.00	2.28 -0.37 0.00
RAMAPO___LBMP 323565	21.84 -0.22 -25.05	22.21 -0.03 -22.48	17.61 0.19 -14.56	16.41 0.20 -13.08	14.30 0.20 -10.82	16.04 0.26 -11.84	14.81 0.08 -13.50	9.63 0.30 -5.13	16.90 1.15 0.00	62.42 4.17 0.00	33.33 2.36 0.00	46.37 3.28 0.00	42.01 2.91 0.00	55.28 3.48 0.00	19.54 1.38 0.00	23.06 1.71 0.00	20.94 1.30 -2.21	11.90 0.84 0.00	10.57 0.75 0.00	14.75 1.01 0.00	13.14 0.91 0.00	18.80 1.31 0.00	6.06 0.40 -0.03	2.88 0.20 -0.03
RANKINE____ 23646	1.16 0.14 -4.00	3.37 0.02 -3.59	5.13 -0.06 -2.32	5.17 -0.05 -2.09	4.96 -0.04 -1.73	5.79 -0.05 -1.89	3.34 -0.04 -2.15	5.51 -0.23 -1.53	42.99 -0.92 -28.15	362.23 -1.92 -305.90	146.72 -1.55 -117.30	157.66 -2.27 -116.83	320.58 -1.87 -283.35	273.74 -1.24 -223.17	33.88 -0.85 -16.56	45.13 -1.43 -25.22	24.43 -1.05 -8.04	19.40 -0.79 -9.13	9.19 -0.63 0.00	44.80 -0.76 -31.83	11.61 -0.62 0.00	16.64 -0.85 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
RAVENSWOOD_GT2_1 24244	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.07 1.32 0.00	63.00 4.75 0.00	33.66 2.69 0.00	46.85 3.76 0.00	42.45 3.35 0.00	55.87 4.06 0.00	19.77 1.61 0.00	23.36 2.02 0.00	21.27 1.55 -2.29	12.05 1.00 0.00	10.72 0.89 0.00	14.93 1.19 0.00	13.28 1.06 0.00	18.99 1.50 0.00	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT2_2 24245	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.07 1.32 0.00	63.00 4.75 0.00	33.66 2.69 0.00	46.85 3.76 0.00	42.45 3.35 0.00	55.87 4.06 0.00	19.77 1.61 0.00	23.36 2.02 0.00	21.27 1.55 -2.29	12.05 1.00 0.00	10.72 0.89 0.00	14.93 1.19 0.00	13.28 1.06 0.00	18.99 1.50 0.00	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT2_3 24246	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.08 1.33 0.00	63.04 4.79 0.00	33.69 2.71 0.00	46.87 3.78 0.00	42.49 3.38 0.00	55.92 4.11 0.00	19.79 1.63 0.00	23.38 2.04 0.00	21.29 1.56 -2.29	12.06 1.01 0.00	10.72 0.90 0.00	14.94 1.20 0.00	13.29 1.07 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT2_4 24247	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.35 -5.29	17.08 1.33 0.00	63.04 4.79 0.00	33.69 2.71 0.00	46.87 3.78 0.00	42.49 3.38 0.00	55.92 4.11 0.00	19.79 1.63 0.00	23.38 2.04 0.00	21.29 1.56 -2.29	12.06 1.01 0.00	10.72 0.90 0.00	14.94 1.20 0.00	13.29 1.07 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT3_1 24248	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.07 1.32 0.00	63.00 4.75 0.00	33.66 2.69 0.00	46.85 3.76 0.00	42.45 3.35 0.00	55.87 4.07 0.00	19.77 1.61 0.00	23.36 2.02 0.00	21.27 1.55 -2.29	12.05 1.00 0.00	10.72 0.89 0.00	14.93 1.19 0.00	13.28 1.06 0.00	18.99 1.50 0.00	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT3_2 24249	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.07 1.32 0.00	63.00 4.75 0.00	33.66 2.69 0.00	46.85 3.76 0.00	42.45 3.35 0.00	55.87 4.07 0.00	19.77 1.61 0.00	23.36 2.02 0.00	21.27 1.55 -2.29	12.05 1.00 0.00	10.72 0.89 0.00	14.93 1.19 0.00	13.28 1.06 0.00	18.99 1.50 0.00	6.12 0.47 -0.03	2.92 0.23 -0.03



RAVENSWOOD_GT3_3 24250	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.36 -5.29	17.09 1.34 0.00	63.08 4.84 0.00	33.72 2.74 0.00	46.90 3.81 0.00	42.52 3.42 0.00	55.95 4.14 0.00	19.80 1.64 0.00	23.40 2.05 0.00	21.30 1.58 -2.29	12.07 1.01 0.00	10.73 0.91 0.00	14.95 1.21 0.00	13.30 1.07 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
RAVENSWOOD_GT3_4 24251	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.36 -5.29	17.09 1.34 0.00	63.08 4.84 0.00	33.72 2.74 0.00	46.90 3.81 0.00	42.52 3.42 0.00	55.95 4.14 0.00	19.80 1.64 0.00	23.40 2.05 0.00	21.30 1.58 -2.29	12.07 1.01 0.00	10.73 0.91 0.00	14.95 1.21 0.00	13.30 1.07 0.00	19.01 1.52 0.00	6.13 0.48 -0.03	2.92 0.24 -0.03
RAVENSWOOD_GT_1 23729	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.09 0.23 -15.00	16.85 0.25 -13.48	14.67 0.25 -11.15	16.45 0.32 -12.19	15.23 0.10 -13.91	9.87 0.37 -5.29	17.16 1.40 0.00	63.18 4.94 0.00	33.83 2.85 -0.01	47.05 3.95 0.00	44.83 3.53 -2.20	56.07 4.26 -0.01	20.11 1.71 -0.24	24.71 2.14 -1.23	24.84 1.64 -5.76	36.75 1.05 -24.65	17.41 0.94 -6.65	19.54 1.25 -4.55	20.15 1.11 -6.81	23.36 1.57 -4.29	6.15 0.50 -0.03	2.93 0.24 -0.03
RAVENSWOOD_GT_10 24258	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.07 1.32 0.00	63.01 4.77 0.00	33.66 2.68 0.00	46.85 3.75 0.00	42.29 3.34 0.16	55.87 4.06 0.00	19.80 1.61 -0.03	23.50 2.02 -0.14	21.67 1.55 -2.69	11.67 1.00 0.38	11.48 0.89 -0.76	15.45 1.19 -0.52	14.06 1.06 -0.78	19.48 1.50 -0.49	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT_11 24259	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.07 1.32 0.00	63.01 4.77 0.00	33.66 2.68 0.00	46.85 3.75 0.00	42.29 3.34 0.16	55.87 4.06 0.00	19.80 1.61 -0.03	23.50 2.02 -0.14	21.67 1.55 -2.69	11.67 1.00 0.38	11.48 0.89 -0.76	15.45 1.19 -0.52	14.06 1.06 -0.78	19.48 1.50 -0.49	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT_4 24252	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.83 0.23 -13.48	14.65 0.23 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.06 1.31 0.00	63.01 4.77 0.00	33.65 2.68 0.00	46.83 3.74 0.00	41.41 3.34 1.04	55.88 4.08 0.00	19.94 1.61 -0.17	24.28 2.01 -0.92	23.90 1.55 -4.92	9.53 0.99 2.52	15.77 0.89 -5.05	18.38 1.19 -3.46	18.45 1.05 -5.18	22.25 1.50 -3.26	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT_5 24254	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.83 0.23 -13.48	14.65 0.23 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.06 1.31 0.00	63.01 4.77 0.00	33.65 2.68 0.00	46.83 3.74 0.00	41.41 3.34 1.04	55.88 4.08 0.00	19.94 1.61 -0.17	24.28 2.01 -0.92	23.90 1.55 -4.92	9.53 0.99 2.52	15.77 0.89 -5.05	18.38 1.19 -3.46	18.45 1.05 -5.18	22.25 1.50 -3.26	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT_6 24253	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.83 0.23 -13.48	14.65 0.23 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.06 1.31 0.00	63.01 4.77 0.00	33.65 2.68 0.00	46.83 3.74 0.00	41.41 3.34 1.04	55.88 4.08 0.00	19.94 1.61 -0.17	24.28 2.01 -0.92	23.90 1.55 -4.92	9.53 0.99 2.52	15.77 0.89 -5.05	18.38 1.19 -3.46	18.45 1.05 -5.18	22.25 1.50 -3.26	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT_7 24255	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.83 0.23 -13.48	14.65 0.23 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.06 1.31 0.00	63.01 4.77 0.00	33.65 2.68 0.00	46.83 3.74 0.00	41.41 3.34 1.04	55.88 4.08 0.00	19.94 1.61 -0.17	24.28 2.01 -0.92	23.90 1.55 -4.92	9.53 0.99 2.52	15.77 0.89 -5.05	18.38 1.19 -3.46	18.45 1.05 -5.18	22.25 1.50 -3.26	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.07 1.32 0.00	63.01 4.77 0.00	33.66 2.68 0.00	46.85 3.75 0.00	42.29 3.34 0.16	55.87 4.06 0.00	19.80 1.61 -0.03	23.50 2.02 -0.14	21.67 1.55 -2.69	11.67 1.00 0.38	11.48 0.89 -0.76	15.45 1.19 -0.52	14.06 1.06 -0.78	19.48 1.50 -0.49	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD_GT_9 24257	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.21 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.07 1.32 0.00	63.01 4.77 0.00	33.66 2.68 0.00	46.85 3.75 0.00	42.29 3.34 0.16	55.87 4.06 0.00	19.80 1.61 -0.03	23.50 2.02 -0.14	21.67 1.55 -2.69	11.67 1.00 0.38	11.48 0.89 -0.76	15.45 1.19 -0.52	14.06 1.06 -0.78	19.48 1.50 -0.49	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD___1 23533	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.24 -13.48	14.67 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.37 -5.29	17.13 1.37 0.00	63.07 4.82 0.00	33.76 2.78 -0.01	46.95 3.85 0.00	43.90 3.45 -1.35	55.96 4.16 -0.01	19.62 1.68 0.22	22.25 2.10 1.19	17.91 1.60 1.12	15.34 1.02 -3.26	4.21 0.92 6.53	10.49 1.22 4.47	6.62 1.09 6.70	14.82 1.55 4.21	6.14 0.49 -0.03	2.93 0.24 -0.03
RAVENSWOOD___2 23534	22.57 -0.25 -25.81	22.89 -0.02 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.45 0.31 -12.19	15.23 0.09 -13.91	9.84 0.34 -5.29	17.04 1.28 0.00	62.63 4.39 0.00	33.54 2.56 -0.01	46.64 3.54 0.00	44.04 3.17 -1.76	55.59 3.78 -0.01	19.74 1.57 -0.01	23.32 1.96 -0.01	21.21 1.48 -2.30	25.83 0.94 -13.83	10.68 0.84 -0.01	14.87 1.13 -0.01	13.24 1.01 -0.01	18.94 1.44 -0.01	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD___3 23535	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.07 0.22 -15.00	16.84 0.23 -13.48	14.65 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.84 0.35 -5.29	17.07 1.32 0.00	63.01 4.77 0.00	33.66 2.69 0.00	46.85 3.76 0.00	42.45 3.35 0.00	55.87 4.07 0.00	19.77 1.61 0.00	23.36 2.02 0.00	21.28 1.55 -2.29	12.05 1.00 0.00	10.72 0.89 0.00	14.93 1.19 0.00	13.28 1.06 0.00	18.99 1.50 0.00	6.12 0.47 -0.03	2.92 0.23 -0.03
RAVENSWOOD___4 23820	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.24 -13.48	14.67 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.37 -5.29	17.13 1.37 0.00	63.07 4.82 0.00	33.76 2.78 -0.01	46.95 3.85 0.00	43.90 3.45 -1.35	55.96 4.16 -0.01	19.62 1.68 0.22	22.25 2.10 1.19	17.91 1.60 1.12	15.34 1.02 -3.26	4.21 0.92 6.53	10.49 1.22 4.47	6.62 1.09 6.70	14.82 1.55 4.21	6.14 0.49 -0.03	2.93 0.24 -0.03



RCPI_TRUST___DRP 24196	22.56 -0.26 -25.81	22.89 -0.03 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.24 -11.15	16.44 0.30 -12.19	15.23 0.10 -13.91	9.85 0.36 -5.29	17.10 1.35 0.00	63.19 4.94 0.00	33.75 2.78 0.00	46.96 3.87 0.00	42.57 3.47 0.00	56.04 4.24 0.00	19.82 1.66 0.00	23.42 2.08 0.00	21.33 1.60 -2.29	12.08 1.03 0.00	10.74 0.92 0.00	14.96 1.23 0.00	13.30 1.08 0.00	19.02 1.53 0.00	6.13 0.48 -0.03	2.92 0.23 -0.03
RENSSELAER___COGEN 23796	30.40 -0.09 -33.48	29.79 0.00 -30.04	22.40 0.08 -19.45	20.70 0.09 -17.48	17.82 0.09 -14.46	19.87 0.10 -15.82	19.30 0.03 -18.04	11.29 0.13 -6.95	16.21 0.45 0.00	59.71 1.47 0.00	31.79 0.82 0.00	44.23 1.14 0.00	40.09 0.98 0.00	52.96 1.15 0.00	18.63 0.47 0.00	21.95 0.60 0.00	21.07 0.49 -3.15	11.37 0.31 0.00	10.10 0.28 0.00	14.11 0.37 0.00	12.56 0.33 0.00	18.01 0.52 0.00	5.84 0.17 -0.04	2.78 0.09 -0.04
REVERE_CPPR_DRP 24186	-3.01 -0.03 0.00	-0.25 -0.01 0.00	2.88 0.02 0.00	3.14 0.02 0.00	3.29 0.02 0.00	3.99 0.04 0.00	1.24 0.02 0.00	4.28 0.07 0.00	16.05 0.29 0.00	59.42 1.18 0.00	31.69 0.71 0.00	44.13 1.04 0.00	39.96 0.86 0.00	53.00 1.19 0.00	18.52 0.36 0.00	21.72 0.37 0.00	17.74 0.31 0.00	11.26 0.20 0.00	10.03 0.20 0.00	14.04 0.31 0.00	12.46 0.24 0.00	17.76 0.27 0.00	5.70 0.08 0.00	2.69 0.03 0.00
RIVERBAY___ 323610	22.57 -0.24 -25.81	22.90 -0.01 -23.16	18.08 0.22 -15.00	16.84 0.24 -13.48	14.66 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.87 0.37 -5.29	17.16 1.41 0.00	63.22 4.97 0.00	33.88 2.90 -0.01	47.12 4.02 0.00	44.45 3.58 -1.77	56.09 4.28 -0.01	19.91 1.74 -0.01	23.49 2.13 -0.01	21.37 1.65 -2.30	25.98 1.04 -13.89	10.77 0.93 -0.01	15.01 1.26 -0.01	13.37 1.14 -0.01	19.11 1.62 -0.01	6.16 0.50 -0.03	2.93 0.25 -0.03
ROCHESTER_9_IC 23652	0.14 0.11 -3.02	2.48 0.01 -2.71	4.56 -0.06 -1.75	4.64 -0.06 -1.58	4.52 -0.06 -1.31	5.31 -0.06 -1.43	2.82 -0.03 -1.63	4.66 -0.15 -0.60	15.18 -0.57 0.00	56.97 -1.27 0.00	28.82 -0.94 1.21	39.67 -1.40 2.03	37.98 -1.12 0.00	50.80 -0.75 0.25	16.97 -0.49 0.70	19.23 -0.83 1.29	17.07 -0.60 -0.24	10.12 -0.43 0.50	9.48 -0.34 0.00	13.35 -0.38 0.00	11.94 -0.29 0.00	17.03 -0.46 0.00	5.51 -0.12 0.00	2.60 -0.06 0.00
ROSETON___1 23587	22.61 -0.20 -25.80	22.89 -0.02 -23.15	18.03 0.17 -14.99	16.78 0.18 -13.48	14.60 0.19 -11.15	16.37 0.24 -12.19	15.21 0.08 -13.90	9.77 0.28 -5.28	16.85 1.09 0.00	62.22 3.98 0.00	33.20 2.23 0.00	46.20 3.11 0.00	41.88 2.77 0.00	55.19 3.39 0.00	19.48 1.32 0.00	22.98 1.63 0.00	20.94 1.26 -2.26	11.86 0.81 0.00	10.55 0.73 0.00	14.73 0.98 0.00	13.10 0.87 0.00	18.73 1.25 0.00	6.04 0.39 -0.03	2.87 0.18 -0.03
ROSETON___2 23588	22.61 -0.20 -25.80	22.89 -0.02 -23.15	18.03 0.17 -14.99	16.78 0.18 -13.48	14.60 0.19 -11.15	16.37 0.24 -12.19	15.21 0.08 -13.90	9.77 0.28 -5.28	16.85 1.09 0.00	62.22 3.98 0.00	33.20 2.23 0.00	46.20 3.11 0.00	41.88 2.77 0.00	55.19 3.39 0.00	19.48 1.32 0.00	22.98 1.63 0.00	20.94 1.26 -2.26	11.86 0.81 0.00	10.55 0.73 0.00	14.73 0.98 0.00	13.10 0.87 0.00	18.73 1.25 0.00	6.04 0.39 -0.03	2.87 0.18 -0.03
RUSSELL___1 23602	0.13 0.10 -3.02	2.48 0.02 -2.71	4.56 -0.06 -1.76	4.65 -0.05 -1.58	4.52 -0.05 -1.31	5.32 -0.05 -1.43	2.83 -0.03 -1.63	4.68 -0.13 -0.60	15.25 -0.50 0.00	57.26 -0.99 0.00	29.00 -0.79 1.19	39.92 -1.17 2.00	38.20 -0.90 0.00	51.11 -0.44 0.24	17.09 -0.38 0.69	19.37 -0.70 1.27	17.18 -0.49 -0.24	10.19 -0.37 0.50	9.54 -0.28 0.00	13.44 -0.29 0.00	12.01 -0.21 0.00	17.13 -0.36 0.00	5.54 -0.09 0.00	2.61 -0.05 0.00
RUSSELL___2 23532	0.13 0.10 -3.02	2.48 0.02 -2.71	4.56 -0.06 -1.76	4.65 -0.05 -1.58	4.52 -0.05 -1.31	5.32 -0.05 -1.43	2.83 -0.03 -1.63	4.68 -0.13 -0.60	15.25 -0.50 0.00	57.26 -0.99 0.00	29.00 -0.79 1.19	39.92 -1.17 2.00	38.20 -0.90 0.00	51.11 -0.44 0.24	17.09 -0.38 0.69	19.37 -0.70 1.27	17.18 -0.49 -0.24	10.19 -0.37 0.50	9.54 -0.28 0.00	13.44 -0.29 0.00	12.01 -0.21 0.00	17.13 -0.36 0.00	5.54 -0.09 0.00	2.61 -0.05 0.00
RUSSELL___3 23549	0.13 0.10 -3.02	2.48 0.02 -2.71	4.56 -0.06 -1.76	4.65 -0.05 -1.58	4.52 -0.05 -1.31	5.32 -0.05 -1.43	2.83 -0.03 -1.63	4.68 -0.13 -0.60	15.25 -0.50 0.00	57.26 -0.99 0.00	29.00 -0.79 1.19	39.92 -1.17 2.00	38.20 -0.90 0.00	51.11 -0.44 0.24	17.09 -0.38 0.69	19.37 -0.70 1.27	17.18 -0.49 -0.24	10.19 -0.37 0.50	9.54 -0.28 0.00	13.44 -0.29 0.00	12.01 -0.21 0.00	17.13 -0.36 0.00	5.54 -0.09 0.00	2.61 -0.05 0.00
RUSSELL___4 23556	0.13 0.10 -3.02	2.48 0.02 -2.71	4.56 -0.06 -1.76	4.65 -0.05 -1.58	4.52 -0.05 -1.31	5.32 -0.05 -1.43	2.83 -0.03 -1.63	4.68 -0.13 -0.60	15.25 -0.50 0.00	57.26 -0.99 0.00	29.00 -0.79 1.19	39.92 -1.17 2.00	38.20 -0.90 0.00	51.11 -0.44 0.24	17.09 -0.38 0.69	19.37 -0.70 1.27	17.18 -0.49 -0.24	10.19 -0.37 0.50	9.54 -0.28 0.00	13.44 -0.29 0.00	12.01 -0.21 0.00	17.13 -0.36 0.00	5.54 -0.09 0.00	2.61 -0.05 0.00
RUSSELL___STATION 23914	0.13 0.10 -3.02	2.48 0.02 -2.71	4.56 -0.06 -1.76	4.65 -0.05 -1.58	4.52 -0.05 -1.31	5.32 -0.05 -1.43	2.83 -0.03 -1.63	4.68 -0.13 -0.60	15.25 -0.50 0.00	57.26 -0.99 0.00	29.00 -0.79 1.19	39.92 -1.17 2.00	38.20 -0.90 0.00	51.11 -0.44 0.24	17.09 -0.38 0.69	19.37 -0.70 1.27	17.18 -0.49 -0.24	10.19 -0.37 0.50	9.54 -0.28 0.00	13.44 -0.29 0.00	12.01 -0.21 0.00	17.13 -0.36 0.00	5.54 -0.09 0.00	2.61 -0.05 0.00
S SALMON___HYD 24043	-1.40 0.05 -1.54	1.14 0.00 -1.38	3.69 -0.07 -0.89	3.85 -0.08 -0.80	3.85 -0.08 -0.67	4.59 -0.08 -0.73	2.03 -0.03 -0.83	4.41 -0.09 -0.30	15.37 -0.39 0.00	56.73 -1.51 0.00	30.30 -0.67 0.00	41.87 -1.22 0.00	38.05 -1.06 0.00	50.81 -0.99 0.00	17.77 -0.39 0.00	20.82 -0.52 0.00	17.15 -0.40 -0.12	10.81 -0.24 0.00	9.63 -0.19 0.00	13.53 -0.20 0.00	12.06 -0.16 0.00	17.23 -0.26 0.00	5.54 -0.08 0.00	2.62 -0.04 0.00
SELKIRK___I 23801	30.23 -0.10 -33.31	29.64 -0.01 -29.89	22.31 0.09 -19.36	20.62 0.10 -17.40	17.76 0.10 -14.39	19.81 0.12 -15.74	19.21 0.04 -17.95	11.28 0.14 -6.93	16.24 0.49 0.00	59.88 1.64 0.00	31.88 0.91 0.00	44.34 1.25 0.00	40.22 1.12 0.00	53.11 1.31 0.00	18.69 0.52 0.00	22.01 0.67 0.00	21.12 0.54 -3.15	11.40 0.34 0.00	10.13 0.30 0.00	14.15 0.41 0.00	12.59 0.36 0.00	18.04 0.55 0.00	5.84 0.18 -0.04	2.78 0.09 -0.04
SELKIRK___II 23799	30.22 -0.10 -33.31	29.64 -0.01 -29.89	22.31 0.09 -19.36	20.62 0.10 -17.40	17.76 0.10 -14.39	19.80 0.12 -15.74	19.21 0.04 -17.95	11.28 0.14 -6.93	16.24 0.49 0.00	59.88 1.64 0.00	31.88 0.91 0.00	44.34 1.25 0.00	40.20 1.10 0.00	53.11 1.31 0.00	18.69 0.52 0.00	22.01 0.67 0.00	21.12 0.54 -3.15	11.40 0.34 0.00	10.13 0.30 0.00	14.15 0.41 0.00	12.59 0.36 0.00	18.04 0.55 0.00	5.84 0.18 -0.04	2.78 0.09 -0.04



SENECA OSWGO___HYD 24041	-1.02 0.07 -1.89	1.47 0.01 -1.70	3.90 -0.06 -1.10	4.05 -0.07 -0.99	4.02 -0.07 -0.82	4.76 -0.08 -0.90	2.22 -0.03 -1.02	4.48 -0.10 -0.37	15.37 -0.39 0.00	56.91 -1.33 0.00	30.21 -0.76 0.00	42.00 -1.10 0.00	38.14 -0.96 0.00	50.71 -1.10 0.00	17.74 -0.43 0.00	20.80 -0.55 0.00	17.16 -0.43 -0.15	10.78 -0.28 0.00	9.59 -0.23 0.00	13.44 -0.30 0.00	11.97 -0.26 0.00	17.11 -0.37 0.00	5.51 -0.12 0.00	2.60 -0.06 0.00
SENECA___ENERGY 23797	0.28 0.06 -3.20	2.64 0.01 -2.87	4.69 -0.04 -1.86	4.75 -0.04 -1.67	4.62 -0.03 -1.39	5.42 -0.04 -1.51	2.94 -0.01 -1.73	4.80 -0.05 -0.64	15.59 -0.17 0.00	58.07 -0.18 0.00	30.69 -0.28 0.00	42.61 -0.48 0.00	38.78 -0.33 0.00	51.82 0.01 0.00	18.02 -0.15 0.00	21.02 -0.32 0.00	17.45 -0.25 -0.26	10.88 -0.17 0.00	9.68 -0.15 0.00	13.57 -0.16 0.00	12.08 -0.14 0.00	17.24 -0.25 0.00	5.55 -0.08 0.00	2.61 -0.05 0.00
SHOEMAKER___GT 23640	20.49 -0.18 -23.66	20.97 -0.02 -21.23	16.77 0.15 -13.75	15.65 0.17 -12.36	13.66 0.17 -10.22	15.34 0.22 -11.18	14.04 0.07 -12.75	9.30 0.26 -4.83	16.76 1.00 0.00	61.91 3.67 0.00	33.02 2.04 0.00	45.94 2.85 0.00	41.66 2.55 0.00	54.96 3.16 0.00	19.36 1.20 0.00	22.83 1.48 0.00	20.66 1.15 -2.07	11.80 0.74 0.00	10.50 0.67 0.00	14.66 0.92 0.00	13.03 0.81 0.00	18.64 1.15 0.00	6.00 0.35 -0.03	2.85 0.17 -0.03
SHOREHAM_IC_1 23715	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.71 0.32 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.49 -170.52	98.87 1.80 -81.32	76.07 6.92 -10.91	49.99 3.72 -15.30	50.04 5.18 -1.76	45.30 4.60 -1.59	66.84 5.76 -9.27	209.94 2.22 -189.56	169.39 2.69 -145.35	144.55 2.00 -125.11	12.24 1.18 0.00	10.95 1.13 0.00	14.68 0.94 0.00	13.12 0.89 0.00	18.84 1.35 0.00	8.18 0.41 -2.15	2.88 0.20 -0.03
SHOREHAM_IC_2 23716	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.71 0.32 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.49 -170.52	98.87 1.80 -81.32	76.07 6.92 -10.91	49.99 3.72 -15.30	50.04 5.18 -1.76	45.30 4.60 -1.59	66.84 5.76 -9.27	209.94 2.22 -189.56	169.39 2.69 -145.35	144.55 2.00 -125.11	12.24 1.18 0.00	10.95 1.13 0.00	14.68 0.94 0.00	13.12 0.89 0.00	18.84 1.35 0.00	8.18 0.41 -2.15	2.88 0.20 -0.03
SISSONVILLE____ 23735	-3.57 0.34 0.94	-1.04 0.04 0.84	1.87 -0.45 0.54	2.15 -0.49 0.49	2.29 -0.57 0.40	2.84 -0.66 0.44	0.54 -0.18 0.50	3.37 -0.64 0.19	13.40 -2.35 0.00	47.37 -10.87 0.00	25.89 -5.08 0.00	36.60 -6.49 0.00	32.62 -6.48 0.00	43.10 -8.71 0.00	15.20 -2.96 0.00	17.92 -3.43 0.00	14.49 -2.86 0.09	9.38 -1.67 0.00	8.35 -1.48 0.00	11.58 -2.16 0.00	10.25 -1.98 0.00	14.66 -2.83 0.00	4.76 -0.86 0.00	2.26 -0.39 0.00
SITHE_IND_GS1 24169	-1.30 0.11 -1.58	1.19 0.01 -1.42	3.68 -0.10 -0.92	3.84 -0.11 -0.83	3.84 -0.11 -0.68	4.56 -0.13 -0.75	2.03 -0.05 -0.85	4.36 -0.16 -0.31	15.15 -0.60 0.00	56.10 -2.15 0.00	29.78 -1.19 0.00	41.42 -1.67 0.00	37.62 -1.48 0.00	49.99 -1.82 0.00	17.48 -0.68 0.00	20.51 -0.84 0.00	16.89 -0.67 -0.13	10.63 -0.42 0.00	9.45 -0.38 0.00	13.23 -0.51 0.00	11.78 -0.45 0.00	16.85 -0.64 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
SITHE_IND_GS2 24170	-1.30 0.11 -1.58	1.19 0.01 -1.42	3.68 -0.10 -0.92	3.84 -0.11 -0.83	3.84 -0.11 -0.68	4.56 -0.13 -0.75	2.03 -0.05 -0.85	4.36 -0.16 -0.31	15.15 -0.60 0.00	56.10 -2.15 0.00	29.78 -1.19 0.00	41.42 -1.67 0.00	37.62 -1.48 0.00	49.99 -1.82 0.00	17.48 -0.68 0.00	20.51 -0.84 0.00	16.89 -0.67 -0.13	10.63 -0.42 0.00	9.45 -0.38 0.00	13.23 -0.51 0.00	11.78 -0.45 0.00	16.85 -0.64 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
SITHE_IND_GS3 24171	-1.30 0.11 -1.58	1.19 0.01 -1.42	3.68 -0.10 -0.92	3.84 -0.11 -0.83	3.84 -0.11 -0.68	4.56 -0.13 -0.75	2.03 -0.05 -0.85	4.36 -0.16 -0.31	15.15 -0.60 0.00	56.10 -2.15 0.00	29.78 -1.19 0.00	41.42 -1.67 0.00	37.62 -1.48 0.00	49.99 -1.82 0.00	17.48 -0.68 0.00	20.51 -0.84 0.00	16.89 -0.67 -0.13	10.63 -0.42 0.00	9.45 -0.38 0.00	13.23 -0.51 0.00	11.78 -0.45 0.00	16.85 -0.64 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
SITHE_IND_GS4 24172	-1.30 0.11 -1.58	1.19 0.01 -1.42	3.68 -0.10 -0.92	3.84 -0.11 -0.83	3.84 -0.11 -0.68	4.56 -0.13 -0.75	2.03 -0.05 -0.85	4.36 -0.16 -0.31	15.15 -0.60 0.00	56.10 -2.15 0.00	29.78 -1.19 0.00	41.42 -1.67 0.00	37.62 -1.48 0.00	49.99 -1.82 0.00	17.48 -0.68 0.00	20.51 -0.84 0.00	16.89 -0.67 -0.13	10.63 -0.42 0.00	9.45 -0.38 0.00	13.23 -0.51 0.00	11.78 -0.45 0.00	16.85 -0.64 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
SITHE___BATAVIA 24024	0.58 0.10 -3.47	2.89 0.02 -3.11	4.86 -0.02 -2.02	4.93 0.00 -1.81	4.76 -0.01 -1.50	5.59 0.00 -1.64	3.07 -0.03 -1.87	5.00 -0.17 -0.95	25.36 -0.66 -10.27	146.33 -1.12 -89.21	58.85 -1.23 -29.11	66.38 -2.21 -25.50	119.96 -1.79 -82.64	114.61 -1.24 -64.04	19.27 -0.76 -1.87	22.01 -1.26 -1.91	18.97 -0.99 -2.53	10.85 -0.74 -0.53	9.24 -0.59 0.00	22.35 -0.67 -9.28	11.86 -0.36 0.00	16.95 -0.54 0.00	5.51 -0.12 0.00	2.60 -0.06 0.00
SITHE___INDEPEND 23800	-1.30 0.11 -1.58	1.19 0.01 -1.42	3.68 -0.10 -0.92	3.84 -0.11 -0.83	3.84 -0.11 -0.68	4.56 -0.13 -0.75	2.03 -0.05 -0.85	4.36 -0.16 -0.31	15.15 -0.60 0.00	56.10 -2.15 0.00	29.78 -1.19 0.00	41.42 -1.67 0.00	37.62 -1.48 0.00	49.99 -1.82 0.00	17.48 -0.68 0.00	20.51 -0.84 0.00	16.89 -0.67 -0.13	10.63 -0.42 0.00	9.45 -0.38 0.00	13.23 -0.51 0.00	11.78 -0.45 0.00	16.85 -0.64 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
SITHE___MASSENA 23902	-27.56 0.37 24.94	-27.16 0.04 26.96	-29.45 -0.46 31.85	-29.97 -0.50 32.59	-18.11 -0.60 20.78	2.65 -0.70 0.60	-20.99 -0.19 22.03	-26.17 -0.65 29.73	-29.98 -2.40 43.33	-31.03 -11.27 78.00	-31.90 -5.42 57.46	-34.02 -6.67 70.44	-45.75 -6.70 78.15	-30.37 -9.07 73.10	-30.12 -3.06 45.22	-30.16 -3.54 47.97	-30.11 -2.89 44.65	-29.62 -1.70 38.97	2.87 -1.50 5.45	5.33 -2.20 6.21	-2.30 -2.02 12.51	-30.29 -2.89 44.89	-18.26 -0.90 22.98	-28.53 -0.42 30.77
SITHE___OGDNSBRG 24021	-3.76 0.33 1.11	-1.20 0.04 0.99	1.78 -0.44 0.64	2.07 -0.48 0.58	2.22 -0.57 0.48	2.78 -0.65 0.52	0.46 -0.17 0.59	3.39 -0.60 0.23	13.58 -2.17 0.00	47.78 -10.46 0.00	26.03 -4.94 0.00	37.13 -5.97 0.00	32.97 -6.14 0.00	43.46 -8.34 0.00	15.33 -2.83 0.00	18.08 -3.26 0.00	14.66 -2.67 0.10	9.50 -1.55 0.00	8.46 -1.36 0.00	11.73 -2.01 0.00	10.36 -1.87 0.00	14.79 -2.70 0.00	4.79 -0.84 0.00	2.27 -0.39 0.00
SITHE___STERLING 23777	-2.32 -0.01 -0.68	0.36 -0.01 -0.61	3.26 0.01 -0.40	3.49 0.01 -0.36	3.58 0.01 -0.29	4.30 0.03 -0.32	1.61 0.01 -0.37	4.38 0.05 -0.13	15.96 0.20 0.00	59.13 0.89 0.00	31.50 0.53 0.00	43.87 0.78 0.00	39.73 0.63 0.00	52.70 0.90 0.00	18.42 0.26 0.00	21.59 0.25 0.00	17.70 0.22 -0.05	11.19 0.14 0.00	9.96 0.13 0.00	13.95 0.21 0.00	12.38 0.15 0.00	17.65 0.16 0.00	5.67 0.05 0.00	2.67 0.01 0.00



SOUTH CAIRO___GT 23612	25.05 -0.20 -28.23	25.08 -0.02 -25.33	19.45 0.17 -16.41	18.06 0.19 -14.75	15.66 0.19 -12.20	17.53 0.24 -13.34	16.52 0.08 -15.21	10.31 0.29 -5.81	16.85 1.09 0.00	62.30 4.06 0.00	33.18 2.21 0.00	46.13 3.03 0.00	41.81 2.71 0.00	55.17 3.36 0.00	19.40 1.24 0.00	22.85 1.50 0.00	21.26 1.22 -2.61	11.84 0.79 0.00	10.55 0.72 0.00	14.75 1.01 0.00	13.11 0.88 0.00	18.73 1.24 0.00	6.03 0.38 -0.03	2.86 0.17 -0.03
SOUTH HAMPTN___IC 23720	22.47 -0.36 -25.81	22.89 -0.03 -23.16	18.19 0.33 -15.00	16.95 0.35 -13.48	15.76 0.38 -12.11	26.20 0.51 -21.75	53.41 0.17 -52.01	175.29 0.57 -170.52	99.20 2.13 -81.32	77.33 8.17 -10.91	50.67 4.39 -15.30	50.97 6.11 -1.76	46.16 5.46 -1.59	67.99 6.92 -9.27	210.33 2.61 -189.56	169.84 3.14 -145.35	144.93 2.38 -125.11	12.48 1.43 0.00	11.20 1.37 0.00	15.07 1.34 0.00	13.45 1.22 0.00	19.28 1.79 0.00	8.31 0.54 -2.15	2.94 0.25 -0.03
SOUTHOLD___IC 23719	22.42 -0.41 -25.81	22.88 -0.04 -23.16	18.23 0.37 -15.00	17.00 0.40 -13.48	15.82 0.43 -12.11	26.26 0.57 -21.75	53.43 0.19 -52.01	175.37 0.65 -170.52	99.50 2.43 -81.32	78.49 9.33 -10.91	51.27 5.00 -15.30	51.81 6.95 -1.76	46.90 6.20 -1.59	68.97 7.90 -9.27	210.67 2.95 -189.56	170.23 3.53 -145.35	145.25 2.71 -125.11	12.69 1.64 0.00	11.41 1.59 0.00	15.39 1.65 0.00	13.72 1.50 0.00	19.63 2.15 0.00	8.41 0.64 -2.15	2.98 0.30 -0.03
ST LAWRENCE____ 23600	-27.64 0.39 25.04	-27.25 0.04 27.05	-29.53 -0.49 31.90	-30.04 -0.53 32.64	-18.18 -0.62 20.82	2.57 -0.73 0.65	-21.06 -0.20 22.08	-26.22 -0.69 29.75	-30.09 -2.51 43.33	-31.48 -11.72 78.00	-32.20 -5.72 57.46	-34.66 -7.31 70.44	-46.30 -7.26 78.15	-31.14 -9.83 73.10	-30.38 -3.32 45.22	-30.46 -3.83 47.97	-30.36 -3.14 44.66	-29.76 -1.85 38.97	2.74 -1.64 5.45	5.17 -2.36 6.21	-2.40 -2.12 12.51	-30.38 -2.98 44.89	-18.30 -0.94 22.98	-28.54 -0.44 30.77
STATION 5_MISC_HYD 23604	0.14 0.11 -3.02	2.48 0.01 -2.71	4.56 -0.06 -1.75	4.64 -0.06 -1.58	4.52 -0.06 -1.31	5.31 -0.06 -1.43	2.82 -0.03 -1.63	4.66 -0.15 -0.60	15.18 -0.57 0.00	56.97 -1.27 0.00	28.82 -0.94 1.21	39.67 -1.40 2.03	37.98 -1.12 0.00	50.80 -0.75 0.25	16.97 -0.49 0.70	19.23 -0.83 1.29	17.07 -0.60 -0.24	10.12 -0.43 0.50	9.48 -0.34 0.00	13.35 -0.38 0.00	11.94 -0.29 0.00	17.03 -0.46 0.00	5.51 -0.12 0.00	2.60 -0.06 0.00
STEEL___WIND 323596	1.16 0.14 -4.00	3.37 0.02 -3.59	5.13 -0.06 -2.32	5.17 -0.05 -2.09	4.96 -0.04 -1.73	5.79 -0.05 -1.89	3.34 -0.04 -2.15	5.51 -0.23 -1.53	42.99 -0.91 -28.15	362.25 -1.89 -305.90	146.74 -1.53 -117.30	157.69 -2.24 -116.83	320.62 -1.84 -283.35	273.77 -1.21 -223.17	33.88 -0.85 -16.56	45.14 -1.42 -25.22	24.43 -1.04 -8.04	19.41 -0.78 -9.13	9.20 -0.63 0.00	44.81 -0.76 -31.83	11.62 -0.61 0.00	16.65 -0.84 0.00	5.42 -0.20 0.00	2.56 -0.10 0.00
STEBEN_REC_LFGE 323667	2.57 0.06 -5.49	4.70 0.02 -4.93	6.03 -0.02 -3.19	5.97 -0.02 -2.87	5.63 -0.01 -2.37	6.53 -0.01 -2.59	4.18 0.00 -2.96	5.43 -0.02 -1.23	21.34 -0.01 -5.59	122.33 1.28 -62.80	55.69 0.20 -24.51	67.86 0.20 -24.56	97.02 0.30 -57.61	98.54 1.27 -45.47	21.88 0.10 -3.62	26.72 -0.21 -5.58	19.37 -0.08 -2.02	12.91 -0.17 -2.04	9.71 -0.12 0.00	20.06 -0.14 -6.47	12.09 -0.13 0.00	17.28 -0.21 0.00	5.60 -0.03 0.00	2.64 -0.02 0.00
STONY___BROOK 24151	22.51 -0.31 -25.81	22.89 -0.03 -23.16	18.15 0.29 -15.00	16.91 0.30 -13.48	15.71 0.33 -12.11	26.12 0.43 -21.75	53.38 0.14 -52.01	175.21 0.48 -170.52	98.86 1.79 -81.32	76.02 6.86 -10.91	49.96 3.68 -15.30	50.01 5.15 -1.76	45.26 4.57 -1.59	66.79 5.71 -9.27	209.93 2.21 -189.56	169.37 2.67 -145.35	144.46 1.92 -125.11	12.15 1.09 0.00	10.88 1.05 0.00	14.78 1.04 0.00	13.23 1.01 0.00	19.11 1.62 0.00	8.27 0.50 -2.15	2.93 0.24 -0.03
STURGEON_POOL_HYD 23609	22.81 -0.17 -25.97	23.04 -0.02 -23.30	18.09 0.13 -15.09	16.85 0.16 -13.56	14.65 0.16 -11.22	16.42 0.20 -12.27	15.29 0.07 -13.99	9.77 0.25 -5.31	16.66 0.90 0.00	61.50 3.25 0.00	32.83 1.85 0.00	45.64 2.55 0.00	41.25 2.15 0.00	54.36 2.56 0.00	19.19 1.03 0.00	22.63 1.28 0.00	20.75 0.98 -2.34	11.69 0.64 0.00	10.41 0.58 0.00	14.52 0.78 0.00	12.91 0.68 0.00	18.45 0.96 0.00	5.93 0.28 -0.03	2.82 0.13 -0.03
SYNERGY___BIOGAS 323694	0.58 0.10 -3.47	2.89 0.02 -3.11	4.86 -0.02 -2.02	4.93 0.00 -1.81	4.76 -0.01 -1.50	5.59 0.00 -1.64	3.07 -0.03 -1.87	5.00 -0.17 -0.95	25.36 -0.66 -10.27	146.33 -1.12 -89.21	58.85 -1.23 -29.11	66.38 -2.21 -25.50	119.96 -1.79 -82.64	114.61 -1.24 -64.04	19.27 -0.76 -1.87	22.01 -1.26 -1.91	18.97 -0.99 -2.53	10.85 -0.74 -0.53	9.24 -0.59 0.00	22.35 -0.67 -9.28	11.86 -0.36 0.00	16.95 -0.54 0.00	5.51 -0.12 0.00	2.60 -0.06 0.00
SYRACUSE___ENERGY_ST1 323597	-0.52 0.04 -2.42	1.94 0.00 -2.17	4.24 -0.03 -1.41	4.36 -0.03 -1.27	4.29 -0.03 -1.05	5.06 -0.03 -1.15	2.52 -0.01 -1.31	4.68 -0.03 -0.50	15.64 -0.12 0.00	57.96 -0.29 0.00	30.77 -0.21 0.00	42.78 -0.31 0.00	38.85 -0.25 0.00	51.58 -0.22 0.00	18.02 -0.14 0.00	21.11 -0.24 0.00	17.46 -0.17 -0.20	10.93 -0.12 0.00	9.71 -0.11 0.00	13.61 -0.13 0.00	12.10 -0.12 0.00	17.29 -0.20 0.00	5.57 -0.06 0.00	2.63 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	-0.52 0.04 -2.42	1.94 0.00 -2.17	4.24 -0.03 -1.41	4.36 -0.03 -1.27	4.29 -0.03 -1.05	5.06 -0.03 -1.15	2.52 -0.01 -1.31	4.68 -0.03 -0.50	15.64 -0.12 0.00	57.96 -0.29 0.00	30.77 -0.21 0.00	42.78 -0.31 0.00	38.85 -0.25 0.00	51.58 -0.22 0.00	18.02 -0.14 0.00	21.11 -0.24 0.00	17.46 -0.17 -0.20	10.93 -0.12 0.00	9.71 -0.11 0.00	13.61 -0.13 0.00	12.10 -0.12 0.00	17.29 -0.20 0.00	5.57 -0.06 0.00	2.63 -0.03 0.00
SYRACUSE___POWER 24017	-0.54 0.04 -2.40	1.91 0.00 -2.15	4.22 -0.04 -1.39	4.34 -0.04 -1.25	4.27 -0.03 -1.04	5.05 -0.03 -1.13	2.51 -0.01 -1.30	4.65 -0.04 -0.48	15.60 -0.15 0.00	57.85 -0.40 0.00	30.73 -0.24 0.00	42.73 -0.36 0.00	38.76 -0.34 0.00	51.53 -0.27 0.00	18.02 -0.15 0.00	21.12 -0.23 0.00	17.46 -0.16 -0.20	10.94 -0.11 0.00	9.73 -0.10 0.00	13.64 -0.10 0.00	12.13 -0.10 0.00	17.32 -0.17 0.00	5.58 -0.05 0.00	2.63 -0.03 0.00
TRIGEN___CC 323695	22.55 -0.28 -25.81	22.89 -0.03 -23.16	18.11 0.25 -15.00	16.87 0.26 -13.48	15.66 0.28 -12.11	26.04 0.35 -21.75	53.35 0.11 -52.01	174.30 0.39 -169.71	98.05 1.44 -80.86	74.46 5.36 -10.86	49.25 2.97 -15.30	48.92 4.14 -1.69	44.32 3.65 -1.57	65.46 4.48 -9.18	207.42 1.76 -187.50	167.23 2.18 -143.70	142.78 1.60 -123.74	12.01 0.96 0.00	10.73 0.90 0.00	14.79 1.05 0.00	13.20 0.98 0.00	18.97 1.48 0.00	8.23 0.46 -2.15	2.92 0.23 -0.03
UNION___PROCESSING_DRP 323587	0.16 0.11 -3.03	2.50 0.02 -2.72	4.56 -0.07 -1.76	4.65 -0.07 -1.58	4.52 -0.06 -1.31	5.31 -0.07 -1.43	2.83 -0.03 -1.63	4.66 -0.15 -0.60	15.15 -0.60 0.00	56.82 -1.43 0.00	28.87 -1.03 1.07	39.77 -1.52 1.80	37.86 -1.24 0.00	50.67 -0.91 0.22	16.99 -0.55 0.62	19.31 -0.89 1.14	17.02 -0.65 -0.24	10.14 -0.47 0.45	9.45 -0.37 0.00	13.31 -0.43 0.00	11.90 -0.33 0.00	16.98 -0.50 0.00	5.50 -0.13 0.00	2.59 -0.07 0.00



UPPER HUDSON___HYD 24058	32.04 -0.19 -35.22	31.35 -0.01 -31.60	23.50 0.17 -20.46	21.71 0.20 -18.39	18.68 0.20 -15.22	20.83 0.24 -16.64	20.28 0.08 -18.98	11.78 0.28 -7.29	16.87 1.11 0.00	62.31 4.06 0.00	33.11 2.14 0.00	45.65 2.55 0.00	41.38 2.28 0.00	54.44 2.64 0.00	19.01 0.85 0.00	22.49 1.15 0.00	21.68 0.96 -3.29	11.74 0.68 0.00	10.46 0.63 0.00	14.65 0.91 0.00	13.05 0.82 0.00	18.64 1.15 0.00	6.02 0.35 -0.04	2.86 0.16 -0.04
UPPER RAQUET___HYD 24056	-3.57 0.34 0.94	-1.04 0.04 0.84	1.87 -0.45 0.54	2.15 -0.49 0.49	2.29 -0.57 0.40	2.84 -0.66 0.44	0.54 -0.18 0.50	3.37 -0.64 0.19	13.40 -2.35 0.00	47.37 -10.87 0.00	25.89 -5.08 0.00	36.60 -6.49 0.00	32.62 -6.48 0.00	43.10 -8.71 0.00	15.20 -2.96 0.00	17.92 -3.43 0.00	14.49 -2.86 0.09	9.38 -1.67 0.00	8.35 -1.48 0.00	11.58 -2.16 0.00	10.25 -1.98 0.00	14.66 -2.83 0.00	4.76 -0.86 0.00	2.26 -0.39 0.00
VISCHER___FERRY HYD 24020	31.51 -0.15 -34.65	30.84 -0.01 -31.09	23.15 0.15 -20.14	21.38 0.16 -18.10	18.40 0.16 -14.97	20.51 0.20 -16.37	19.96 0.06 -18.67	11.60 0.21 -7.18	16.57 0.81 0.00	61.05 2.81 0.00	32.48 1.51 0.00	45.13 2.04 0.00	40.92 1.82 0.00	54.08 2.28 0.00	18.98 0.82 0.00	22.35 1.00 0.00	21.53 0.86 -3.24	11.59 0.53 0.00	10.29 0.46 0.00	14.38 0.64 0.00	12.82 0.60 0.00	18.36 0.87 0.00	5.94 0.28 -0.04	2.83 0.14 -0.04
WADING RIVER_IC_1 23522	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.71 0.32 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.49 -170.52	98.88 1.81 -81.32	76.08 6.92 -10.91	49.98 3.71 -15.30	50.03 5.17 -1.76	45.29 4.60 -1.59	66.84 5.76 -9.27	209.94 2.22 -189.56	169.39 2.69 -145.35	144.54 2.00 -125.11	12.23 1.18 0.00	10.95 1.12 0.00	14.63 0.89 0.00	13.08 0.86 0.00	18.80 1.31 0.00	8.17 0.39 -2.15	2.88 0.19 -0.03
WADING RIVER_IC_2 23547	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.71 0.32 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.49 -170.52	98.88 1.81 -81.32	76.08 6.92 -10.91	49.98 3.71 -15.30	50.03 5.17 -1.76	45.29 4.60 -1.59	66.84 5.76 -9.27	209.94 2.22 -189.56	169.39 2.69 -145.35	144.54 2.00 -125.11	12.23 1.18 0.00	10.95 1.12 0.00	14.63 0.89 0.00	13.08 0.86 0.00	18.80 1.31 0.00	8.17 0.39 -2.15	2.88 0.19 -0.03
WADING RIVER_IC_3 23601	22.53 -0.29 -25.81	22.89 -0.03 -23.16	18.14 0.27 -15.00	16.89 0.29 -13.48	15.71 0.32 -12.11	26.13 0.44 -21.75	53.38 0.15 -52.01	175.21 0.49 -170.52	98.88 1.81 -81.32	76.08 6.92 -10.91	49.98 3.71 -15.30	50.03 5.17 -1.76	45.29 4.60 -1.59	66.84 5.76 -9.27	209.94 2.22 -189.56	169.39 2.69 -145.35	144.54 2.00 -125.11	12.23 1.18 0.00	10.95 1.12 0.00	14.63 0.89 0.00	13.08 0.86 0.00	18.80 1.31 0.00	8.17 0.39 -2.15	2.88 0.19 -0.03
WALDEN___HYDRO 24148	22.04 -0.22 -25.25	22.39 -0.03 -22.66	17.72 0.18 -14.67	16.51 0.19 -13.18	14.38 0.20 -10.91	16.12 0.25 -11.93	14.91 0.08 -13.60	9.68 0.30 -5.17	16.91 1.15 0.00	62.40 4.16 0.00	33.42 2.45 0.00	46.50 3.41 0.00	42.15 3.05 0.00	55.59 3.79 0.00	19.60 1.44 0.00	23.11 1.77 0.00	21.04 1.37 -2.24	11.94 0.89 0.00	10.63 0.80 0.00	14.84 1.10 0.00	13.19 0.97 0.00	18.86 1.38 0.00	6.07 0.42 -0.03	2.88 0.20 -0.03
WARRENSBURG___ 23737	32.04 -0.19 -35.22	31.35 -0.01 -31.60	23.50 0.17 -20.46	21.71 0.20 -18.39	18.68 0.20 -15.22	20.83 0.24 -16.64	20.28 0.08 -18.98	11.78 0.28 -7.29	16.87 1.11 0.00	62.31 4.06 0.00	33.11 2.14 0.00	45.65 2.55 0.00	41.38 2.28 0.00	54.44 2.64 0.00	19.01 0.85 0.00	22.49 1.15 0.00	21.68 0.96 -3.29	11.74 0.68 0.00	10.46 0.63 0.00	14.65 0.91 0.00	13.05 0.82 0.00	18.64 1.15 0.00	6.02 0.35 -0.04	2.86 0.16 -0.04
WATERSIDE___6 8 9 23538	22.56 -0.26 -25.81	22.89 -0.02 -23.16	18.09 0.23 -15.00	16.85 0.24 -13.48	14.67 0.25 -11.15	16.45 0.31 -12.19	15.23 0.10 -13.91	9.86 0.37 -5.29	17.13 1.37 0.00	63.07 4.82 0.00	33.76 2.78 -0.01	46.95 3.85 0.00	43.90 3.45 -1.35	55.96 4.16 -0.01	19.62 1.68 0.22	22.25 2.10 1.19	17.91 1.60 1.12	15.34 1.02 -3.26	4.21 0.92 6.53	10.49 1.22 4.47	6.62 1.09 6.70	14.82 1.55 4.21	6.14 0.49 -0.03	2.93 0.24 -0.03
WDELAWARE___HYD 323627	19.52 -0.13 -22.64	20.06 -0.02 -20.32	16.13 0.11 -13.16	15.07 0.12 -11.83	13.18 0.12 -9.78	14.81 0.16 -10.70	13.48 0.06 -12.20	8.98 0.21 -4.56	16.42 0.67 0.00	60.68 2.43 0.00	32.36 1.39 0.00	45.01 1.92 0.00	40.76 1.65 0.00	53.68 1.88 0.00	18.92 0.76 0.00	22.30 0.96 0.00	20.09 0.71 -1.95	11.52 0.47 0.00	10.27 0.45 0.00	14.34 0.60 0.00	12.74 0.51 0.00	18.19 0.70 0.00	5.84 0.20 -0.02	2.77 0.09 -0.02
WEST BABYLON___IC 23714	22.50 -0.33 -25.81	22.88 -0.04 -23.16	18.16 0.29 -15.00	16.92 0.31 -13.48	15.72 0.34 -12.11	26.12 0.43 -21.75	53.38 0.14 -52.01	173.66 0.48 -168.97	98.00 1.80 -80.44	75.91 6.86 -10.81	49.99 3.71 -15.30	49.89 5.19 -1.62	45.25 4.61 -1.54	66.68 5.79 -9.09	205.99 2.23 -185.61	166.24 2.72 -142.18	141.91 1.99 -122.48	12.22 1.17 0.00	10.93 1.11 0.00	14.99 1.25 0.00	13.42 1.19 0.00	19.32 1.83 0.00	8.35 0.57 -2.15	2.96 0.28 -0.03
WEST CANADA___HYD 24049	-3.69 0.01 0.71	-0.88 0.00 0.64	2.44 -0.01 0.41	2.74 -0.01 0.37	2.95 -0.01 0.31	3.60 -0.01 0.34	0.84 0.00 0.38	4.06 0.00 0.15	15.75 0.00 0.00	58.20 -0.05 0.00	30.95 -0.02 0.00	43.09 -0.01 0.00	39.07 -0.04 0.00	51.71 -0.09 0.00	18.13 -0.03 0.00	21.32 -0.02 0.00	17.35 -0.02 0.07	11.05 0.00 0.00	9.83 0.01 0.00	13.74 0.00 0.00	12.22 -0.01 0.00	17.45 -0.04 0.00	5.61 -0.02 0.00	2.65 -0.01 0.00
WESTERN_NY_WIND 24143	0.60 0.10 -3.49	2.91 0.02 -3.13	4.86 -0.02 -2.02	4.94 0.00 -1.82	4.77 -0.01 -1.51	5.59 0.00 -1.65	3.07 -0.03 -1.88	5.01 -0.17 -0.97	25.76 -0.68 -10.68	150.00 -1.16 -92.91	60.10 -1.24 -30.36	67.53 -2.19 -26.63	123.42 -1.77 -86.08	117.33 -1.19 -66.71	19.38 -0.76 -1.98	22.13 -1.26 -2.04	19.08 -0.98 -2.62	10.90 -0.73 -0.57	9.24 -0.58 0.00	22.74 -0.66 -9.67	11.85 -0.37 0.00	16.94 -0.55 0.00	5.51 -0.12 0.00	2.60 -0.06 0.00
WESTOVER___LESR 323668	5.30 -0.02 -8.30	7.21 0.00 -7.45	7.74 0.06 -4.83	7.52 0.06 -4.34	6.93 0.07 -3.59	7.96 0.09 -3.92	5.73 0.03 -4.47	5.99 0.08 -1.70	18.51 0.32 -2.44	87.09 1.46 -27.39	42.24 0.57 -10.70	54.56 0.81 -10.65	64.79 0.86 -24.83	72.89 1.48 -19.60	20.12 0.40 -1.57	24.13 0.36 -2.42	19.10 0.31 -1.35	12.09 0.15 -0.88	9.98 0.15 0.00	16.78 0.25 -2.79	12.47 0.24 0.00	17.85 0.36 0.00	5.75 0.12 -0.01	2.71 0.05 -0.01
WETHRSFD_WT_PWR 323626	1.81 0.16 -4.64	3.94 0.02 -4.16	5.47 -0.09 -2.69	5.46 -0.08 -2.42	5.20 -0.07 -2.00	6.04 -0.09 -2.19	3.68 -0.04 -2.50	5.34 -0.21 -1.34	31.23 -0.75 -16.22	240.75 -1.38 -183.89	101.90 -1.21 -72.13	114.20 -1.79 -72.90	207.78 -1.43 -170.11	185.31 -0.81 -134.32	28.40 -0.65 -10.88	37.05 -1.17 -16.87	21.58 -0.86 -5.01	16.57 -0.65 -6.16	9.29 -0.53 0.00	32.16 -0.68 -19.11	11.62 -0.60 0.00	16.69 -0.80 0.00	5.42 -0.20 0.00	2.55 -0.11 0.00



YORK____WARBASSE	22.55	22.89	18.09	16.85	14.67	16.46	15.24	9.88	17.18	63.24	33.88	47.11	44.45	56.12	20.79	28.31	35.04	55.17	36.94	37.17	49.76	36.00	6.16	2.93
23770	-0.27	-0.03	0.23	0.25	0.25	0.32	0.10	0.38	1.42	4.99	2.90	4.02	3.58	4.31	1.73	2.17	1.66	1.06	0.95	1.27	1.14	1.62	0.51	0.25
	-25.81	-23.16	-15.00	-13.48	-11.15	-12.19	-13.91	-5.29	0.00	0.00	-0.01	0.00	-1.77	-0.01	-0.90	-4.80	-15.95	-43.06	-26.17	-22.16	-36.40	-16.89	-0.03	-0.03