

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/04/2018

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	23.26	18.95	21.28	19.56	22.49	23.26	28.56	35.26	38.30	40.77	40.38	44.69	47.71	49.31	49.43	52.38	53.86	54.16	52.63	49.52	45.34	41.37	34.23	28.90
24138	1.68	1.45	0.99	0.89	0.91	1.22	2.50	2.73	2.91	3.21	3.43	3.60	3.96	4.20	4.45	4.82	5.18	5.32	5.04	5.06	4.23	3.26	2.45	2.10
	-1.29	0.00	-7.40	-7.17	-9.67	-5.83	0.00	-6.28	-8.96	-7.83	-5.54	-7.76	-6.73	-7.27	-5.97	-6.70	-5.52	-5.24	-4.82	-0.02	-4.35	-9.72	-8.88	-6.38
74TH STREET_GT_1	23.32	19.00	21.32	19.58	22.52	23.31	28.64	35.70	38.99	41.36	40.85	45.28	48.24	49.88	49.88	52.88	54.28	54.60	52.89	49.65	45.75	42.11	34.77	29.14
24260	1.75	1.51	1.03	0.91	0.93	1.27	2.58	2.78	2.99	3.27	3.52	3.67	4.04	4.27	4.49	4.86	5.22	5.41	5.13	5.20	4.34	3.35	2.54	2.16
	-1.29	0.00	-7.40	-7.17	-9.67	-5.84	0.00	-6.67	-9.57	-8.37	-5.92	-8.28	-7.19	-7.76	-6.38	-7.15	-5.90	-5.60	-4.99	-0.02	-4.65	-10.38	-9.33	-6.56
74TH STREET_GT_2	23.32	19.00	21.32	19.58	22.52	23.31	28.64	35.70	38.99	41.36	40.85	45.28	48.24	49.88	49.88	52.88	54.28	54.60	52.89	49.65	45.75	42.11	34.77	29.14
24261	1.75	1.51	1.03	0.91	0.93	1.27	2.58	2.78	2.99	3.27	3.52	3.67	4.04	4.27	4.49	4.86	5.22	5.41	5.13	5.20	4.34	3.35	2.54	2.16
	-1.29	0.00	-7.40	-7.17	-9.67	-5.84	0.00	-6.67	-9.57	-8.37	-5.92	-8.28	-7.19	-7.76	-6.38	-7.15	-5.90	-5.60	-4.99	-0.02	-4.65	-10.38	-9.33	-6.56
ADK HUDSON___FALLS	23.61	18.87	24.09	22.32	26.21	25.58	28.38	29.64	28.93	32.48	34.11	36.22	40.30	40.97	42.25	44.23	46.72	47.21	47.66	48.30	40.14	30.89	28.10	27.15
24011	1.58	1.40	0.98	0.91	0.93	1.33	2.42	2.65	2.56	2.85	2.83	3.03	3.48	3.33	3.43	3.60	3.84	3.93	4.07	4.18	3.60	2.64	2.13	1.59
	-1.74	0.03	-10.22	-9.91	-13.37	-8.04	0.11	-0.74	0.08	0.11	0.13	0.14	0.19	0.20	0.20	0.24	0.28	0.31	-0.83	0.32	0.23	0.13	-3.08	-5.14
ADK RESOURCE___RCVRY	23.82	19.07	24.16	22.37	26.24	25.69	28.67	29.90	29.22	32.81	34.50	36.63	40.71	41.43	42.72	44.76	47.29	47.79	48.22	48.84	40.58	31.24	28.33	27.36
23798	1.81	1.59	1.11	1.02	1.05	1.49	2.71	2.91	2.86	3.18	3.21	3.43	3.89	3.78	3.90	4.13	4.40	4.49	4.58	4.71	4.04	2.98	2.38	1.84
	-1.73	0.03	-10.16	-9.85	-13.28	-7.98	0.10	-0.74	0.07	0.10	0.13	0.14	0.19	0.20	0.20	0.23	0.27	0.30	-0.87	0.31	0.22	0.13	-3.06	-5.11
ADK S GLENS___FALLS	23.61	18.87	24.09	22.32	26.21	25.58	28.38	29.64	28.93	32.48	34.11	36.22	40.30	40.97	42.25	44.23	46.72	47.21	47.66	48.30	40.14	30.89	28.10	27.15
24028	1.58	1.40	0.98	0.91	0.93	1.33	2.42	2.65	2.56	2.85	2.83	3.03	3.48	3.33	3.43	3.60	3.84	3.93	4.07	4.18	3.60	2.64	2.13	1.59
	-1.74	0.03	-10.22	-9.91	-13.37	-8.04	0.11	-0.74	0.08	0.11	0.13	0.14	0.19	0.20	0.20	0.24	0.28	0.31	-0.83	0.32	0.23	0.13	-3.08	-5.14
ADK_NYS___DAM	23.47	18.75	23.85	22.07	25.91	25.29	28.10	29.24	28.74	32.25	34.09	36.10	40.09	41.02	42.30	44.38	46.91	47.15	47.50	47.97	39.79	30.73	27.90	27.07
23527	1.46	1.28	0.90	0.82	0.85	1.17	2.14	2.26	2.30	2.53	2.67	2.77	3.07	3.18	3.28	3.51	3.75	3.84	3.80	3.82	3.24	2.47	1.97	1.59
	-1.72	0.02	-10.06	-9.75	-13.15	-7.91	0.10	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	-0.93	0.29	0.21	0.12	-3.03	-5.06
AIR_PRODUCTS___DRP	22.63	18.22	23.38	21.65	25.47	24.81	27.02	28.13	27.55	30.92	32.68	34.50	38.31	39.20	40.38	42.38	44.80	45.26	45.61	46.09	38.24	29.52	26.86	26.12
24190	0.61	0.72	0.52	0.47	0.51	0.73	0.96	1.05	1.11	1.19	1.26	1.17	1.29	1.36	1.36	1.51	1.64	1.66	1.67	1.65	1.47	1.14	0.89	0.65
	-1.74	0.00	-9.98	-9.67	-13.04	-7.87	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	0.00	0.00	0.00	-3.07	-5.06
ALBANY___1	22.63	18.22	23.38	21.65	25.47	24.81	27.02	28.13	27.55	30.92	32.68	34.50	38.31	39.20	40.38	42.38	44.80	45.26	45.61	46.09	38.24	29.52	26.86	26.12
23571	0.61	0.72	0.52	0.47	0.51	0.73	0.96	1.05	1.11	1.19	1.26	1.17	1.29	1.36	1.36	1.51	1.64	1.66	1.67	1.65	1.47	1.14	0.89	0.65
	-1.74	0.00	-9.98	-9.67	-13.04	-7.87	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	0.00	0.00	0.00	-3.07	-5.06
ALBANY___2	22.63	18.22	23.38	21.65	25.47	24.81	27.02	28.13	27.55	30.92	32.68	34.50	38.31	39.20	40.38	42.38	44.80	45.26	45.61	46.09	38.24	29.52	26.86	26.12
23572	0.61	0.72	0.52	0.47	0.51	0.73	0.96	1.05	1.11	1.19	1.26	1.17	1.29	1.36	1.36	1.51	1.64	1.66	1.67	1.65	1.47	1.14	0.89	0.65
	-1.74	0.00	-9.98	-9.67	-13.04	-7.87	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	0.00	0.00	0.00	-3.07	-5.06
ALBANY___3	22.63	18.22	23.38	21.65	25.47	24.81	27.02	28.13	27.55	30.92	32.68	34.50	38.31	39.20	40.38	42.38	44.80	45.26	45.61	46.09	38.24	29.52	26.86	26.12
23573	0.61	0.72	0.52	0.47	0.51	0.73	0.96	1.05	1.11	1.19	1.26	1.17	1.29	1.36	1.36	1.51	1.64	1.66	1.67	1.65	1.47	1.14	0.89	0.65
	-1.74	0.00	-9.98	-9.67	-13.04	-7.87	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	0.00	0.00	0.00	-3.07	-5.06
ALBANY___4	22.63	18.22	23.38	21.65	25.47	24.81	27.02	28.13	27.55	30.92	32.68	34.50	38.31	39.20	40.38	42.38	44.80	45.26	45.61	46.09	38.24	29.52	26.86	26.12
23574	0.61	0.72	0.52	0.47	0.51	0.73	0.96	1.05	1.11	1.19	1.26	1.17	1.29	1.36	1.36	1.51	1.64	1.66	1.67	1.65	1.47	1.14	0.89	0.65
	-1.74	0.00	-9.98	-9.67	-13.04	-7.87	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	0.00	0.00	0.00	-3.07	-5.06



ALBANY___LFGE 323615	22.92 0.87 -1.76	18.39 0.89 0.00	23.63 0.63 -10.11	21.88 0.57 -9.80	25.76 0.62 -13.22	25.06 0.87 -7.98	27.39 1.33 0.00	28.53 1.44 -0.84	27.92 1.48 0.00	31.36 1.63 0.00	33.15 1.73 0.00	35.00 1.67 0.00	38.90 1.89 0.00	39.77 1.93 0.00	41.01 1.99 0.00	42.99 2.12 0.00	45.45 2.29 0.00	45.91 2.31 0.00	46.25 2.35 -1.13	46.79 2.35 0.00	38.82 2.06 0.00	29.92 1.53 0.00	27.22 1.21 -3.11	26.44 0.90 -5.12
ALCOA_RYNLDS___DRP 24188	16.29 -1.12 2.88	14.58 -0.98 1.94	12.19 -0.70 0.00	10.85 -0.66 0.00	11.26 -0.66 0.00	13.16 -0.97 2.08	16.88 -1.41 7.77	16.87 -1.44 7.93	5.05 -1.00 20.38	2.60 -1.04 26.09	6.38 -1.19 23.84	1.87 -1.27 30.19	6.56 -1.41 29.05	6.51 -1.44 29.89	1.52 -1.52 35.97	6.68 -1.64 32.55	15.05 -1.73 26.38	18.29 -2.53 22.78	18.22 -2.48 22.07	18.50 -2.44 23.49	17.72 -2.09 16.95	17.05 -1.51 9.83	16.54 -1.21 5.14	16.35 -1.04 3.02
ALCOA___DSASP 323711	16.29 -1.12 2.88	14.58 -0.98 1.94	12.19 -0.70 0.00	10.85 -0.66 0.00	11.26 -0.66 0.00	13.16 -0.97 2.08	16.88 -1.41 7.77	16.87 -1.44 7.93	5.05 -1.00 20.38	2.60 -1.04 26.09	6.38 -1.19 23.84	1.87 -1.27 30.19	6.56 -1.41 29.05	6.51 -1.44 29.89	1.52 -1.52 35.97	6.68 -1.64 32.55	15.05 -1.73 26.38	18.29 -2.53 22.78	18.22 -2.48 22.07	18.50 -2.44 23.49	17.72 -2.09 16.95	17.05 -1.51 9.83	16.54 -1.21 5.14	16.35 -1.04 3.02
ALLEGHENY___COGEN 23514	20.93 0.59 -0.05	18.07 0.60 0.03	13.76 0.35 -0.53	12.37 0.36 -0.51	12.99 0.38 -0.69	17.26 0.66 -0.39	26.34 0.39 0.11	26.73 0.55 0.07	26.52 0.08 0.00	29.76 0.03 0.00	31.76 0.35 0.00	34.00 0.67 0.00	37.76 0.74 0.00	38.03 0.19 0.00	39.17 0.16 0.00	40.70 -0.16 0.00	42.86 -0.30 0.00	42.92 -0.35 0.33	42.18 -0.04 0.54	44.55 0.44 0.34	36.30 -0.22 0.24	27.82 -0.43 0.14	23.16 0.18 -0.09	21.06 0.43 -0.22
ALTONA_WT_PWR 323606	16.30 -1.01 2.98	14.53 -0.96 2.01	12.14 -0.75 0.00	10.74 -0.76 0.00	11.08 -0.83 0.00	12.73 -1.33 2.15	16.06 -1.95 8.04	15.91 -2.13 8.21	6.25 -1.53 18.66	4.10 -1.63 23.99	7.21 -1.82 22.38	3.42 -1.90 28.02	7.23 -2.11 27.67	7.13 -2.20 28.51	2.88 -2.34 33.80	7.25 -2.37 31.25	14.67 -2.03 26.46	17.71 -2.31 23.58	17.75 -2.18 22.84	18.17 -1.95 24.32	17.57 -1.65 17.54	16.54 -1.67 10.17	16.27 -1.30 5.32	16.29 -1.00 3.13
AMERICAN_REF_FUEL 24010	19.56 -0.77 -0.04	17.03 -0.44 0.03	13.03 -0.35 -0.49	11.75 -0.23 -0.48	12.31 -0.25 -0.64	16.28 -0.29 -0.36	25.48 -0.47 0.11	25.13 -1.05 0.07	25.17 -1.27 0.00	28.24 -1.49 0.00	30.19 -1.23 0.00	32.33 -1.00 0.00	35.83 -1.19 0.00	36.40 -1.44 0.00	37.73 -1.29 0.00	38.99 -1.88 0.00	41.00 -2.16 0.00	40.97 -2.31 0.32	40.11 -2.14 0.52	42.20 -1.91 0.33	34.43 -2.09 0.24	26.32 -1.93 0.14	21.30 -1.67 -0.08	19.56 -1.06 -0.20
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.88 -0.47 -0.05	17.28 -0.19 0.03	13.22 -0.21 -0.54	11.92 -0.10 -0.52	12.49 -0.13 -0.71	16.59 -0.02 -0.40	26.19 0.23 0.11	26.08 -0.10 0.07	26.25 -0.18 0.00	29.49 -0.24 0.00	31.61 0.19 0.00	34.00 0.67 0.00	37.98 0.96 0.00	38.79 0.95 0.00	40.35 1.33 0.00	41.60 0.74 0.00	43.77 0.60 0.00	43.63 0.35 0.32	42.74 0.52 0.54	44.95 0.84 0.33	36.34 -0.18 0.24	27.65 -0.60 0.14	22.30 -0.69 -0.09	20.52 -0.12 -0.23
ARTHUR_KILL_GT_1 23520	23.35 1.76 -1.30	19.03 1.52 -0.01	21.35 1.06 -7.41	19.61 0.93 -7.18	22.55 0.95 -9.68	23.35 1.30 -5.84	28.67 2.61 -0.01	35.26 2.52 -6.49	38.52 2.80 -9.29	40.57 3.09 -7.75	40.53 3.36 -5.74	41.05 3.47 -4.25	43.03 3.81 -2.20	47.04 3.97 -5.23	49.42 4.22 -6.19	52.43 4.62 -6.94	52.85 5.00 -4.68	53.13 5.19 -4.34	47.85 4.96 -0.12	47.85 5.06 1.66	45.54 4.26 -4.52	41.78 3.32 -10.07	34.49 2.47 -9.12	28.94 2.04 -6.48
ARTHUR_KILL_2 23512	23.35 1.76 -1.30	19.03 1.52 -0.01	21.35 1.06 -7.41	19.61 0.93 -7.18	22.55 0.95 -9.68	23.35 1.30 -5.84	28.67 2.61 -0.01	35.26 2.52 -6.49	38.52 2.80 -9.29	40.57 3.09 -7.75	40.53 3.36 -5.74	41.05 3.47 -4.25	43.03 3.81 -2.20	47.04 3.97 -5.23	49.42 4.22 -6.19	52.43 4.62 -6.94	52.85 5.00 -4.68	53.13 5.19 -4.34	47.85 4.96 -0.12	47.85 5.06 1.66	45.54 4.26 -4.52	41.78 3.32 -10.07	34.49 2.47 -9.12	28.94 2.04 -6.48
ARTHUR_KILL_3 23513	23.18 1.60 -1.29	18.90 1.40 0.00	21.24 0.95 -7.40	19.51 0.84 -7.17	22.45 0.86 -9.67	23.20 1.15 -5.84	28.46 2.40 0.00	35.38 2.65 -6.49	38.49 2.78 -9.28	40.47 3.00 -7.74	40.36 3.21 -5.74	40.91 3.33 -4.25	42.91 3.70 -2.19	46.96 3.90 -5.22	49.33 4.13 -6.18	52.30 4.50 -6.94	52.67 4.83 -4.68	52.90 4.97 -4.33	47.63 4.75 -0.12	47.58 4.80 1.66	45.28 4.01 -4.51	41.54 3.09 -10.06	34.41 2.40 -9.12	28.93 2.04 -6.47
ARTHUR_KILL_COGEN 323718	23.35 1.76 -1.30	19.03 1.52 -0.01	21.35 1.06 -7.41	19.61 0.93 -7.18	22.55 0.95 -9.68	23.35 1.30 -5.84	28.67 2.61 -0.01	35.26 2.52 -6.49	38.52 2.80 -9.29	40.57 3.09 -7.75	40.53 3.36 -5.74	41.05 3.47 -4.25	43.03 3.81 -2.20	47.04 3.97 -5.23	49.42 4.22 -6.19	52.43 4.62 -6.94	52.85 5.00 -4.68	53.13 5.19 -4.34	47.85 4.96 -0.12	47.85 5.06 1.66	45.54 4.26 -4.52	41.78 3.32 -10.07	34.49 2.47 -9.12	28.94 2.04 -6.48
ASHOKAN____ 23654	23.07 1.38 -1.40	18.69 1.19 0.00	21.74 0.81 -8.04	19.98 0.68 -7.80	23.16 0.73 -10.51	23.38 0.83 -6.34	27.94 1.88 0.00	28.39 1.47 -0.67	27.78 1.35 0.00	30.92 1.19 0.00	32.71 1.29 0.00	34.57 1.23 0.00	38.87 1.85 0.00	40.00 2.16 0.00	41.12 2.11 0.00	43.44 2.58 0.00	45.97 2.80 0.00	46.70 3.10 0.00	46.66 2.99 -0.90	47.60 3.16 0.00	39.04 2.28 0.00	30.06 1.67 0.00	26.63 1.26 -2.48	25.61 1.12 -4.08
ASTORIA_EAST_ENERGY_CC1 323581	23.43 1.85 -1.30	19.10 1.59 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.73 2.66 -0.01	35.56 2.84 -6.48	36.07 3.07 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.63 3.70 -1.60	48.01 4.04 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.57 4.78 -6.93	54.01 5.13 -5.71	54.29 5.27 -5.42	52.67 5.00 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.61 2.61 -9.11	29.12 2.23 -6.48
ASTORIA_EAST_ENERGY_CC2 323582	23.43 1.85 -1.30	19.10 1.59 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.73 2.66 -0.01	35.56 2.84 -6.48	36.07 3.07 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.63 3.70 -1.60	48.01 4.04 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.57 4.78 -6.93	54.01 5.13 -5.71	54.34 5.32 -5.42	52.67 5.00 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.61 2.61 -9.11	29.12 2.23 -6.48
ASTORIA_GT2_I 24094	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48



ASTORIA_GT2_2 24095	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT2_3 24096	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT2_4 24097	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT3_1 24098	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT3_2 24099	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT3_3 24100	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT3_4 24101	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT4_1 24102	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT4_2 24103	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT4_3 24104	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT4_4 24105	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT_1 23523	23.43 1.85 -1.30	19.12 1.61 -0.01	21.42 1.12 -7.41	19.68 1.00 -7.18	22.62 1.03 -9.68	23.43 1.38 -5.84	28.75 2.68 -0.01	35.56 2.84 -6.48	36.10 3.09 -6.57	41.19 3.36 -8.11	38.13 3.58 -3.13	38.66 3.73 -1.60	48.05 4.07 -6.96	49.56 4.20 -7.52	49.60 4.41 -6.17	52.61 4.82 -6.93	54.05 5.18 -5.71	54.34 5.32 -5.42	52.71 5.04 -4.90	49.34 4.89 -0.01	45.04 4.37 -3.90	37.00 3.43 -5.18	34.63 2.63 -9.11	29.12 2.23 -6.48
ASTORIA_GT_10 24110	23.39 1.81 -1.30	19.06 1.56 -0.01	21.38 1.08 -7.41	19.64 0.95 -7.18	22.57 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.25 3.04 -13.77	43.80 3.33 -10.74	44.49 3.55 -9.52	45.31 3.70 -8.28	48.24 4.04 -7.19	49.80 4.20 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.75 4.34 -4.65	44.30 3.40 -12.51	43.25 2.59 -17.77	29.18 2.21 -6.56
ASTORIA_GT_11 24225	23.39 1.81 -1.30	19.06 1.56 -0.01	21.38 1.08 -7.41	19.64 0.95 -7.18	22.57 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.25 3.04 -13.77	43.80 3.33 -10.74	44.49 3.55 -9.52	45.31 3.70 -8.28	48.24 4.04 -7.19	49.80 4.20 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.75 4.34 -4.65	44.30 3.40 -12.51	43.25 2.59 -17.77	29.18 2.21 -6.56
ASTORIA_GT_12 24226	23.39 1.81 -1.30	19.06 1.56 -0.01	21.38 1.08 -7.41	19.64 0.95 -7.18	22.57 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.25 3.04 -13.77	43.80 3.33 -10.74	44.49 3.55 -9.52	45.31 3.70 -8.28	48.24 4.04 -7.19	49.80 4.20 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.75 4.34 -4.65	44.30 3.40 -12.51	43.25 2.59 -17.77	29.18 2.21 -6.56



ASTORIA_GT_13 24227	23.39	19.06	21.38	19.64	22.57	23.37	28.73	35.73	43.25	43.80	44.49	45.31	48.24	49.80	49.80	52.80	54.20	54.47	52.76	49.57	45.75	44.30	43.25	29.18
	1.81	1.56	1.08	0.95	0.98	1.31	2.66	2.81	3.04	3.33	3.55	3.70	4.04	4.20	4.41	4.78	5.13	5.27	5.00	5.11	4.34	3.40	2.59	2.21
	-1.30	-0.01	-7.41	-7.18	-9.68	-5.84	-0.01	-6.67	-13.77	-10.74	-9.52	-8.28	-7.19	-7.76	-6.38	-7.15	-5.90	-5.60	-4.99	-0.02	-4.65	-12.51	-17.77	-6.56
ASTORIA_GT_5 24106	23.43	19.12	21.42	19.68	22.62	23.43	28.75	35.56	36.10	41.19	38.13	38.66	48.05	49.56	49.60	52.61	54.05	54.34	52.71	49.34	45.04	37.00	34.63	29.12
	1.85	1.61	1.12	1.00	1.03	1.38	2.68	2.84	3.09	3.36	3.58	3.73	4.07	4.20	4.41	4.82	5.18	5.32	5.04	4.89	4.37	3.43	2.63	2.23
	-1.30	-0.01	-7.41	-7.18	-9.68	-5.84	-0.01	-6.48	-6.57	-8.11	-3.13	-1.60	-6.96	-7.52	-6.17	-6.93	-5.71	-5.42	-4.90	-0.01	-3.90	-5.18	-9.11	-6.48
ASTORIA_GT_7 24107	23.43	19.12	21.42	19.68	22.62	23.43	28.75	35.56	36.10	41.19	38.13	38.66	48.05	49.56	49.60	52.61	54.05	54.34	52.71	49.34	45.04	37.00	34.63	29.12
	1.85	1.61	1.12	1.00	1.03	1.38	2.68	2.84	3.09	3.36	3.58	3.73	4.07	4.20	4.41	4.82	5.18	5.32	5.04	4.89	4.37	3.43	2.63	2.23
	-1.30	-0.01	-7.41	-7.18	-9.68	-5.84	-0.01	-6.48	-6.57	-8.11	-3.13	-1.60	-6.96	-7.52	-6.17	-6.93	-5.71	-5.42	-4.90	-0.01	-3.90	-5.18	-9.11	-6.48
ASTORIA_GT_8 24108	23.43	19.12	21.42	19.68	22.62	23.43	28.75	35.56	36.10	41.19	38.13	38.66	48.05	49.56	49.60	52.61	54.05	54.34	52.71	49.34	45.04	37.00	34.63	29.12
	1.85	1.61	1.12	1.00	1.03	1.38	2.68	2.84	3.09	3.36	3.58	3.73	4.07	4.20	4.41	4.82	5.18	5.32	5.04	4.89	4.37	3.43	2.63	2.23
	-1.30	-0.01	-7.41	-7.18	-9.68	-5.84	-0.01	-6.48	-6.57	-8.11	-3.13	-1.60	-6.96	-7.52	-6.17	-6.93	-5.71	-5.42	-4.90	-0.01	-3.90	-5.18	-9.11	-6.48
ASTORIA___2 24149	23.43	19.12	21.42	19.68	22.62	23.43	28.75	35.56	36.10	41.19	38.13	38.66	48.05	49.56	49.60	52.61	54.05	54.34	52.71	49.34	45.04	37.00	34.63	29.12
	1.85	1.61	1.12	1.00	1.03	1.38	2.68	2.84	3.09	3.36	3.58	3.73	4.07	4.20	4.41	4.82	5.18	5.32	5.04	4.89	4.37	3.43	2.63	2.23
	-1.30	-0.01	-7.41	-7.18	-9.68	-5.84	-0.01	-6.48	-6.57	-8.11	-3.13	-1.60	-6.96	-7.52	-6.17	-6.93	-5.71	-5.42	-4.90	-0.01	-3.90	-5.18	-9.11	-6.48
ASTORIA___3 23516	23.39	19.06	21.38	19.64	22.57	23.37	28.73	35.73	43.25	43.80	44.49	45.31	48.24	49.80	49.80	52.76	54.15	54.47	52.76	49.57	45.75	44.30	43.25	29.18
	1.81	1.56	1.08	0.95	0.98	1.31	2.66	2.81	3.04	3.33	3.55	3.70	4.04	4.20	4.41	4.74	5.09	5.27	5.00	5.11	4.34	3.40	2.59	2.21
	-1.30	-0.01	-7.41	-7.18	-9.68	-5.84	-0.01	-6.67	-13.77	-10.74	-9.52	-8.28	-7.19	-7.76	-6.38	-7.15	-5.90	-5.60	-4.99	-0.02	-4.65	-12.51	-17.77	-6.56
ASTORIA___4 23517	23.43	19.12	21.42	19.68	22.62	23.43	28.75	35.56	36.10	41.19	38.13	38.66	48.05	49.56	49.60	52.61	54.05	54.34	52.71	49.34	45.04	37.00	34.63	29.12
	1.85	1.61	1.12	1.00	1.03	1.38	2.68	2.84	3.09	3.36	3.58	3.73	4.07	4.20	4.41	4.82	5.18	5.32	5.04	4.89	4.37	3.43	2.63	2.23
	-1.30	-0.01	-7.41	-7.18	-9.68	-5.84	-0.01	-6.48	-6.57	-8.11	-3.13	-1.60	-6.96	-7.52	-6.17	-6.93	-5.71	-5.42	-4.90	-0.01	-3.90	-5.18	-9.11	-6.48
ASTORIA___5 23518	23.39	19.06	21.38	19.64	22.57	23.37	28.73	35.73	43.25	43.80	44.49	45.31	48.24	49.80	49.80	52.76	54.15	54.47	52.76	49.57	45.75	44.30	43.25	29.18
	1.81	1.56	1.08	0.95	0.98	1.31	2.66	2.81	3.04	3.33	3.55	3.70	4.04	4.20	4.41	4.74	5.09	5.27	5.00	5.11	4.34	3.40	2.59	2.21
	-1.30	-0.01	-7.41	-7.18	-9.68	-5.84	-0.01	-6.67	-13.77	-10.74	-9.52	-8.28	-7.19	-7.76	-6.38	-7.15	-5.90	-5.60	-4.99	-0.02	-4.65	-12.51	-17.77	-6.56
AST_ENERGY_2_CC3 323677	23.24	18.93	21.27	19.54	22.47	23.23	28.54	35.41	38.54	40.96	40.48	44.83	47.80	49.42	49.49	52.46	53.89	54.21	52.59	49.48	45.39	41.63	34.41	28.97
	1.66	1.44	0.98	0.86	0.88	1.18	2.48	2.68	2.83	3.12	3.33	3.47	3.81	4.05	4.29	4.66	5.00	5.19	4.92	5.02	4.12	3.18	2.40	2.08
	-1.29	0.00	-7.40	-7.17	-9.67	-5.84	0.00	-6.49	-9.28	-8.11	-5.73	-8.03	-6.97	-7.53	-6.18	-6.94	-5.72	-5.43	-4.91	-0.02	-4.51	-10.06	-9.12	-6.47
AST_ENERGY_2_CC4 323678	23.24	18.93	21.27	19.54	22.47	23.23	28.54	35.41	38.54	40.96	40.48	44.83	47.80	49.42	49.49	52.46	53.89	54.21	52.59	49.48	45.39	41.63	34.41	28.97
	1.66	1.44	0.98	0.86	0.88	1.18	2.48	2.68	2.83	3.12	3.33	3.47	3.81	4.05	4.29	4.66	5.00	5.19	4.92	5.02	4.12	3.18	2.40	2.08
	-1.29	0.00	-7.40	-7.17	-9.67	-5.84	0.00	-6.49	-9.28	-8.11	-5.73	-8.03	-6.97	-7.53	-6.18	-6.94	-5.72	-5.43	-4.91	-0.02	-4.51	-10.06	-9.12	-6.47
ATHENS_STG_1 23668	22.92	18.37	22.70	20.96	24.50	24.23	27.52	28.56	28.10	31.51	33.34	35.26	39.13	40.07	41.32	43.40	45.88	46.39	47.04	47.06	39.12	30.23	27.14	26.25
	1.03	0.87	0.63	0.56	0.58	0.78	1.46	1.55	1.67	1.78	1.92	1.93	2.11	2.23	2.30	2.53	2.72	2.79	2.61	2.62	2.35	1.84	1.42	1.18
	-1.60	0.00	-9.18	-8.90	-12.00	-7.24	0.00	-0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	0.00	0.00	0.00	-2.83	-4.65
ATHENS_STG_2 23670	22.92	18.37	22.70	20.96	24.50	24.23	27.52	28.56	28.10	31.51	33.34	35.26	39.13	40.07	41.32	43.40	45.88	46.39	47.04	47.06	39.12	30.23	27.14	26.25
	1.03	0.87	0.63	0.56	0.58	0.78	1.46	1.55	1.67	1.78	1.92	1.93	2.11	2.23	2.30	2.53	2.72	2.79	2.61	2.62	2.35	1.84	1.42	1.18
	-1.60	0.00	-9.18	-8.90	-12.00	-7.24	0.00	-0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	0.00	0.00	0.00	-2.83	-4.65
ATHENS_STG_3 23677	22.92	18.37	22.70	20.96	24.50	24.23	27.52	28.56	28.10	31.51	33.34	35.26	39.13	40.07	41.32	43.40	45.88	46.39	47.04	47.06	39.12	30.23	27.14	26.25
	1.03	0.87	0.63	0.56	0.58	0.78	1.46	1.55	1.67	1.78	1.92	1.93	2.11	2.23	2.30	2.53	2.72	2.79	2.61	2.62	2.35	1.84	1.42	1.18
	-1.60	0.00	-9.18	-8.90	-12.00	-7.24	0.00	-0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	0.00	0.00	0.00	-2.83	-4.65
AUBURN___LFGE 323710	20.69	17.78	13.46	12.05	12.61	16.82	26.46	26.66	26.58	29.90	31.67	33.73	37.41	38.09	39.25	41.16	43.35	43.74	42.84	44.81	36.93	28.49	23.12	20.79
	0.38	0.32	0.19	0.18	0.20	0.36	0.55	0.52	0.24	0.30	0.41	0.57	0.63	0.49	0.47	0.57	0.52	0.57	0.64	0.80	0.48	0.28	0.21	0.25
	-0.01	0.04	-0.37	-0.36	-0.49	-0.26	0.14	0.11	0.09	0.13	0.16	0.17	0.23	0.24	0.24	0.28	0.34	0.42	0.57	0.43	0.31	0.18	-0.02	-0.13
BABYLON_RES_REC 323704	39.75	36.24	28.65	27.57	27.65	33.85	42.07	42.98	42.53	44.03	46.73	46.65	48.99	49.67	51.78	59.94	72.02	72.18	83.09	83.06	57.79	46.92	42.17	39.53
	2.09	1.82	1.28	1.13	1.16	1.56	3.00	2.91	3.07	3.33	3.49	3.60	3.92	4.13	4.37	4.78	4.96	5.14	4.92	4.98	4.30	3.29	2.63	2.23
	-17.37	-16.93	-14.48	-14.94	-14.57	-16.08	-13.01	-13.82	-13.03	-10.97	-11.82	-9.71	-8.06	-7.71	-8.39	-14.30	-23.90	-23.44	-35.41	-33.64	-16.73	-15.24	-16.65	-16.89



BARRETT_IC_1 23704	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	66.97 3.73 -29.90	77.72 4.07 -36.63	82.11 4.27 -39.99	87.95 4.49 -44.45	79.23 4.86 -33.50	228.66 5.18 -180.32	226.46 5.36 -177.50	83.25 5.00 -35.48	83.17 5.02 -33.71	90.82 4.15 -49.90	89.05 3.38 -57.29	70.79 2.61 -45.29	47.47 2.31 -24.75
BARRETT_IC_10 23701	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	54.06 3.73 -16.99	59.45 4.07 -18.36	61.46 4.27 -19.35	64.90 4.49 -21.39	66.95 4.86 -21.22	128.66 5.18 -80.32	127.97 5.36 -79.01	83.25 5.00 -35.48	83.17 5.02 -33.71	90.83 4.15 -49.91	62.16 3.38 -30.40	70.80 2.61 -45.30	47.47 2.31 -24.75
BARRETT_IC_11 23702	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	54.06 3.73 -16.99	59.45 4.07 -18.36	61.46 4.27 -19.35	64.90 4.49 -21.39	66.95 4.86 -21.22	128.66 5.18 -80.32	127.97 5.36 -79.01	83.25 5.00 -35.48	83.17 5.02 -33.71	90.83 4.15 -49.91	62.16 3.38 -30.40	70.80 2.61 -45.30	47.47 2.31 -24.75
BARRETT_IC_12 23703	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	54.06 3.73 -16.99	59.45 4.07 -18.36	61.46 4.27 -19.35	64.90 4.49 -21.39	66.95 4.86 -21.22	128.66 5.18 -80.32	127.97 5.36 -79.01	83.25 5.00 -35.48	83.17 5.02 -33.71	90.83 4.15 -49.91	62.16 3.38 -30.40	70.80 2.61 -45.30	47.47 2.31 -24.75
BARRETT_IC_2 23705	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	66.97 3.73 -29.90	77.72 4.07 -36.63	82.11 4.27 -39.99	87.95 4.49 -44.45	79.23 4.86 -33.50	228.66 5.18 -180.32	226.46 5.36 -177.50	83.25 5.00 -35.48	83.17 5.02 -33.71	90.82 4.15 -49.90	89.05 3.38 -57.29	70.79 2.61 -45.29	47.47 2.31 -24.75
BARRETT_IC_3 23706	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	66.97 3.73 -29.90	77.72 4.07 -36.63	82.11 4.27 -39.99	87.95 4.49 -44.45	79.23 4.86 -33.50	228.66 5.18 -180.32	226.46 5.36 -177.50	83.25 5.00 -35.48	83.17 5.02 -33.71	90.82 4.15 -49.90	89.05 3.38 -57.29	70.79 2.61 -45.29	47.47 2.31 -24.75
BARRETT_IC_4 23707	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	66.97 3.73 -29.90	77.72 4.07 -36.63	82.11 4.27 -39.99	87.95 4.49 -44.45	79.23 4.86 -33.50	228.66 5.18 -180.32	226.46 5.36 -177.50	83.25 5.00 -35.48	83.17 5.02 -33.71	90.82 4.15 -49.90	89.05 3.38 -57.29	70.79 2.61 -45.29	47.47 2.31 -24.75
BARRETT_IC_5 23708	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	66.97 3.73 -29.90	77.72 4.07 -36.63	82.11 4.27 -39.99	87.95 4.49 -44.45	79.23 4.86 -33.50	228.66 5.18 -180.32	226.46 5.36 -177.50	83.25 5.00 -35.48	83.17 5.02 -33.71	90.82 4.15 -49.90	89.05 3.38 -57.29	70.79 2.61 -45.29	47.47 2.31 -24.75
BARRETT_IC_6 23709	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	66.97 3.73 -29.90	77.72 4.07 -36.63	82.11 4.27 -39.99	87.95 4.49 -44.45	79.23 4.86 -33.50	228.66 5.18 -180.32	226.46 5.36 -177.50	83.25 5.00 -35.48	83.17 5.02 -33.71	90.82 4.15 -49.90	89.05 3.38 -57.29	70.79 2.61 -45.29	47.47 2.31 -24.75
BARRETT_IC_7 23710	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	66.97 3.73 -29.90	77.72 4.07 -36.63	82.11 4.27 -39.99	87.95 4.49 -44.45	79.23 4.86 -33.50	228.66 5.18 -180.32	226.46 5.36 -177.50	83.25 5.00 -35.48	83.17 5.02 -33.71	90.82 4.15 -49.90	89.05 3.38 -57.29	70.79 2.61 -45.29	47.47 2.31 -24.75
BARRETT_IC_8 23711	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	66.97 3.73 -29.90	77.72 4.07 -36.63	82.11 4.27 -39.99	87.95 4.49 -44.45	79.23 4.86 -33.50	228.66 5.18 -180.32	226.46 5.36 -177.50	83.25 5.00 -35.48	83.17 5.02 -33.71	90.82 4.15 -49.90	89.05 3.38 -57.29	70.79 2.61 -45.29	47.47 2.31 -24.75
BARRETT_IC_9 23700	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	54.06 3.73 -16.99	59.45 4.07 -18.36	61.46 4.27 -19.35	64.90 4.49 -21.39	66.95 4.86 -21.22	128.66 5.18 -80.32	127.97 5.36 -79.01	83.25 5.00 -35.48	83.17 5.02 -33.71	90.83 4.15 -49.91	62.16 3.38 -30.40	70.80 2.61 -45.30	47.47 2.31 -24.75
BARRETT__1 23545	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	66.97 3.73 -29.90	77.72 4.07 -36.63	82.11 4.27 -39.99	87.95 4.49 -44.45	79.23 4.86 -33.50	228.66 5.18 -180.32	226.46 5.36 -177.50	83.25 5.00 -35.48	83.17 5.02 -33.71	90.82 4.15 -49.90	89.05 3.38 -57.29	70.79 2.61 -45.29	47.47 2.31 -24.75
BARRETT__2 23546	39.66 1.99 -17.38	36.17 1.73 -16.93	28.59 1.21 -14.49	27.53 1.08 -14.94	27.61 1.11 -14.58	33.79 1.49 -16.09	41.92 2.84 -13.02	43.06 2.99 -13.82	42.67 3.20 -13.03	44.18 3.48 -10.98	46.82 3.58 -11.82	54.06 3.73 -16.99	59.45 4.07 -18.36	61.46 4.27 -19.35	64.90 4.49 -21.39	66.95 4.86 -21.22	128.66 5.18 -80.32	127.97 5.36 -79.01	83.25 5.00 -35.48	83.17 5.02 -33.71	90.83 4.15 -49.91	62.16 3.38 -30.40	70.80 2.61 -45.30	47.47 2.31 -24.75
BAYONEEC__CTG1 323682	23.26 1.68 -1.29	18.97 1.47 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.84	28.56 2.50 0.00	35.46 2.73 -6.49	38.62 2.91 -9.28	41.02 3.18 -8.11	40.55 3.39 -5.74	44.89 3.53 -8.03	47.87 3.89 -6.97	49.49 4.13 -7.53	49.53 4.33 -6.18	52.50 4.70 -4.90	52.89 5.05 -4.68	53.16 5.23 -4.33	47.84 4.96 -0.12	47.80 5.02 1.66	45.46 4.19 -4.51	41.68 3.23 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47



BAYONEEC___CTG10 323750	23.26 1.68 -1.29	18.97 1.47 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.84	28.56 2.50 0.00	35.46 2.73 -6.49	38.62 2.91 -9.28	41.02 3.18 -8.11	40.55 3.39 -5.74	44.89 3.53 -8.03	47.87 3.89 -6.97	49.49 4.13 -7.53	49.53 4.33 -6.18	52.50 4.70 -6.94	52.89 5.05 -4.68	53.16 5.23 -4.33	47.84 4.96 -0.12	47.80 5.02 1.66	45.46 4.19 -4.51	41.68 3.23 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47
BAYONEEC___CTG2 323683	23.26 1.68 -1.29	18.97 1.47 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.84	28.56 2.50 0.00	35.46 2.73 -6.49	38.62 2.91 -9.28	41.02 3.18 -8.11	40.55 3.39 -5.74	44.89 3.53 -8.03	47.87 3.89 -6.97	49.49 4.13 -7.53	49.53 4.33 -6.18	52.50 4.70 -6.94	52.89 5.05 -4.68	53.16 5.23 -4.33	47.84 4.96 -0.12	47.80 5.02 1.66	45.46 4.19 -4.51	41.68 3.23 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47
BAYONEEC___CTG3 323684	23.26 1.68 -1.29	18.97 1.47 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.84	28.56 2.50 0.00	35.46 2.73 -6.49	38.62 2.91 -9.28	41.02 3.18 -8.11	40.55 3.39 -5.74	44.89 3.53 -8.03	47.87 3.89 -6.97	49.49 4.13 -7.53	49.53 4.33 -6.18	52.50 4.70 -6.94	52.89 5.05 -4.68	53.16 5.23 -4.33	47.84 4.96 -0.12	47.80 5.02 1.66	45.46 4.19 -4.51	41.68 3.23 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47
BAYONEEC___CTG4 323685	23.26 1.68 -1.29	18.97 1.47 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.84	28.56 2.50 0.00	35.46 2.73 -6.49	38.62 2.91 -9.28	41.02 3.18 -8.11	40.55 3.39 -5.74	44.89 3.53 -8.03	47.87 3.89 -6.97	49.49 4.13 -7.53	49.53 4.33 -6.18	52.50 4.70 -6.94	52.89 5.05 -4.68	53.16 5.23 -4.33	47.84 4.96 -0.12	47.80 5.02 1.66	45.46 4.19 -4.51	41.68 3.23 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47
BAYONEEC___CTG5 323686	23.26 1.68 -1.29	18.97 1.47 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.84	28.56 2.50 0.00	35.46 2.73 -6.49	38.62 2.91 -9.28	41.02 3.18 -8.11	40.55 3.39 -5.74	44.89 3.53 -8.03	47.87 3.89 -6.97	49.49 4.13 -7.53	49.53 4.33 -6.18	52.50 4.70 -6.94	52.89 5.05 -4.68	53.16 5.23 -4.33	47.84 4.96 -0.12	47.80 5.02 1.66	45.46 4.19 -4.51	41.68 3.23 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47
BAYONEEC___CTG6 323687	23.26 1.68 -1.29	18.97 1.47 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.84	28.56 2.50 0.00	35.46 2.73 -6.49	38.62 2.91 -9.28	41.02 3.18 -8.11	40.55 3.39 -5.74	44.89 3.53 -8.03	47.87 3.89 -6.97	49.49 4.13 -7.53	49.53 4.33 -6.18	52.50 4.70 -6.94	52.89 5.05 -4.68	53.16 5.23 -4.33	47.84 4.96 -0.12	47.80 5.02 1.66	45.46 4.19 -4.51	41.68 3.23 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47
BAYONEEC___CTG7 323688	23.26 1.68 -1.29	18.97 1.47 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.84	28.56 2.50 0.00	35.46 2.73 -6.49	38.62 2.91 -9.28	41.02 3.18 -8.11	40.55 3.39 -5.74	44.89 3.53 -8.03	47.87 3.89 -6.97	49.49 4.13 -7.53	49.53 4.33 -6.18	52.50 4.70 -6.94	52.89 5.05 -4.68	53.16 5.23 -4.33	47.84 4.96 -0.12	47.80 5.02 1.66	45.46 4.19 -4.51	41.68 3.23 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47
BAYONEEC___CTG8 323689	23.26 1.68 -1.29	18.97 1.47 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.84	28.56 2.50 0.00	35.46 2.73 -6.49	38.62 2.91 -9.28	41.02 3.18 -8.11	40.55 3.39 -5.74	44.89 3.53 -8.03	47.87 3.89 -6.97	49.49 4.13 -7.53	49.53 4.33 -6.18	52.50 4.70 -6.94	52.89 5.05 -4.68	53.16 5.23 -4.33	47.84 4.96 -0.12	47.80 5.02 1.66	45.46 4.19 -4.51	41.68 3.23 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47
BAYONEEC___CTG9 323749	23.26 1.68 -1.29	18.97 1.47 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.84	28.56 2.50 0.00	35.46 2.73 -6.49	38.62 2.91 -9.28	41.02 3.18 -8.11	40.55 3.39 -5.74	44.89 3.53 -8.03	47.87 3.89 -6.97	49.49 4.13 -7.53	49.53 4.33 -6.18	52.50 4.70 -6.94	52.89 5.05 -4.68	53.16 5.23 -4.33	47.84 4.96 -0.12	47.80 5.02 1.66	45.46 4.19 -4.51	41.68 3.23 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47
BEACON___LESR 323632	22.97 0.95 -1.73	18.44 0.94 0.00	23.48 0.67 -9.92	21.73 0.61 -9.62	25.54 0.64 -12.97	24.96 0.92 -7.83	27.54 1.48 0.00	28.70 1.63 -0.83	28.08 1.64 0.00	31.54 1.81 0.00	33.34 1.92 0.00	35.16 1.83 0.00	39.09 2.07 0.00	39.96 2.12 0.00	41.20 2.18 0.00	43.19 2.33 0.00	45.71 2.55 0.00	46.17 2.57 0.00	46.56 2.61 -1.18	47.06 2.62 0.00	39.01 2.24 0.00	30.06 1.67 0.00	27.28 1.33 -3.06	26.43 0.98 -5.03
BEAVER RIVER___HYD 24048	19.36 -0.02 0.91	16.83 -0.05 0.61	12.79 -0.10 0.00	11.40 -0.10 0.00	11.84 -0.08 0.00	15.60 0.05 0.66	23.62 0.03 2.46	23.68 -0.05 2.51	41.49 0.21 -14.84	48.57 0.77 -18.07	44.28 0.35 -12.51	52.47 0.47 -18.67	49.24 0.48 -11.75	50.06 0.49 -11.73	58.15 0.55 -18.59	52.35 0.45 -11.03	42.50 0.30 0.97	36.21 -0.17 7.22	35.86 0.09 6.99	37.27 0.27 7.44	31.32 -0.07 5.37	25.33 0.06 3.11	21.33 0.07 1.63	19.44 -0.02 0.96
BEEBEE_GT_13 23619	20.20 -0.12 -0.03	17.49 0.02 0.03	13.23 -0.05 -0.40	11.90 0.01 -0.38	12.45 0.01 -0.52	16.59 0.10 -0.28	26.10 0.16 0.11	26.35 0.19 0.08	26.15 -0.21 0.07	29.36 -0.27 0.10	31.29 0.00 0.13	33.46 0.27 0.13	37.17 0.33 0.18	37.46 -0.19 0.19	38.59 -0.23 0.19	40.11 -0.53 0.22	42.20 -0.69 0.27	42.48 -0.78 0.33	41.67 -0.60 0.49	43.92 -0.18 0.34	35.89 -0.63 0.25	27.53 -0.71 0.14	22.23 -0.71 -0.05	20.22 -0.35 -0.15
BETHLEHEM___GRP 23843	22.63 0.61 -1.74	18.22 0.72 0.00	23.38 0.52 -9.98	21.65 0.47 -9.67	25.47 0.51 -13.04	24.81 0.73 -7.87	27.02 0.96 0.00	28.13 1.05 -0.83	27.55 1.11 0.00	30.92 1.19 0.00	32.68 1.26 0.00	34.50 1.17 0.00	38.31 1.29 0.00	39.20 1.36 0.00	40.38 1.36 0.00	42.38 1.51 0.00	44.80 1.64 0.00	45.26 1.66 0.00	45.61 1.67 -1.18	46.09 1.65 0.00	38.24 1.47 0.00	29.52 1.14 0.00	26.86 0.89 -3.07	26.12 0.65 -5.06
BETHLEHEM___GS1 323560	22.63 0.61 -1.74	18.22 0.72 0.00	23.38 0.52 -9.98	21.65 0.47 -9.67	25.47 0.51 -13.04	24.81 0.73 -7.87	27.02 0.96 0.00	28.13 1.05 -0.83	27.55 1.11 0.00	30.92 1.19 0.00	32.68 1.26 0.00	34.50 1.17 0.00	38.31 1.29 0.00	39.20 1.36 0.00	40.38 1.36 0.00	42.38 1.51 0.00	44.80 1.64 0.00	45.26 1.66 0.00	45.61 1.67 -1.18	46.09 1.65 0.00	38.24 1.47 0.00	29.52 1.14 0.00	26.86 0.89 -3.07	26.12 0.65 -5.06
BETHLEHEM___GS2 323561	22.63 0.61 -1.74	18.22 0.72 0.00	23.38 0.52 -9.98	21.65 0.47 -9.67	25.47 0.51 -13.04	24.81 0.73 -7.87	27.02 0.96 0.00	28.13 1.05 -0.83	27.55 1.11 0.00	30.92 1.19 0.00	32.68 1.26 0.00	34.50 1.17 0.00	38.31 1.29 0.00	39.20 1.36 0.00	40.38 1.36 0.00	42.38 1.51 0.00	44.80 1.64 0.00	45.26 1.66 0.00	45.61 1.67 -1.18	46.09 1.65 0.00	38.24 1.47 0.00	29.52 1.14 0.00	26.86 0.89 -3.07	26.12 0.65 -5.06



BETHLEHEM___GS3 323562	22.63 0.61 -1.74	18.22 0.72 0.00	23.38 0.52 -9.98	21.65 0.47 -9.67	25.47 0.51 -13.04	24.81 0.73 -7.87	27.02 0.96 0.00	28.13 1.05 -0.83	27.55 1.11 0.00	30.92 1.19 0.00	32.68 1.26 0.00	34.50 1.17 0.00	38.31 1.29 0.00	39.20 1.36 0.00	40.38 1.36 0.00	42.38 1.51 0.00	44.80 1.64 0.00	45.26 1.66 0.00	45.61 1.67 -1.18	46.09 1.65 0.00	38.24 1.47 0.00	29.52 1.14 0.00	26.86 0.89 -3.07	26.12 0.65 -5.06
BETHLEHEM___STEEL 23779	20.18 -0.16 -0.05	17.54 0.07 0.03	13.40 -0.01 -0.52	12.08 0.07 -0.50	12.64 0.05 -0.68	16.77 0.18 -0.38	26.39 0.44 0.11	26.21 0.03 0.07	26.31 -0.13 0.00	29.55 -0.18 0.00	31.58 0.16 0.00	33.83 0.50 0.00	37.53 0.52 0.00	38.22 0.38 0.00	39.68 0.66 0.00	40.95 0.08 0.00	43.03 -0.13 0.00	42.98 -0.30 0.32	42.06 -0.17 0.53	44.24 0.13 0.33	36.01 -0.51 0.24	27.51 -0.74 0.14	22.20 -0.78 -0.09	20.37 -0.27 -0.22
BETHPAGE_CC_5 323564	39.73 2.07 -17.37	36.21 1.79 -16.93	28.62 1.25 -14.48	27.54 1.10 -14.94	27.63 1.14 -14.57	33.83 1.54 -16.08	41.91 2.84 -13.01	43.01 2.94 -13.82	42.58 3.12 -13.03	44.12 3.42 -10.97	46.82 3.58 -11.82	47.31 3.70 -10.28	49.95 4.07 -8.86	50.77 4.31 -8.62	52.96 4.52 -9.41	60.57 4.86 -14.84	76.70 5.22 -28.31	76.79 5.41 -27.79	83.31 5.13 -35.41	83.28 5.20 -33.64	58.60 4.37 -17.46	48.22 3.40 -16.43	42.85 2.68 -17.27	39.78 2.31 -17.06
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.30 -0.04 -0.05	17.65 0.17 0.03	13.48 0.06 -0.53	12.15 0.14 -0.51	12.72 0.12 -0.69	16.87 0.28 -0.39	26.60 0.65 0.11	26.44 0.26 0.07	26.54 0.11 0.00	29.82 0.09 0.00	31.86 0.44 0.00	34.13 0.80 0.00	37.87 0.85 0.00	38.56 0.72 0.00	40.03 1.01 0.00	41.32 0.45 0.00	43.42 0.26 0.00	43.37 0.09 0.32	42.45 0.21 0.54	44.65 0.54 0.33	36.34 -0.18 0.24	27.74 -0.51 0.14	22.39 -0.60 -0.09	20.51 -0.12 -0.22
BINGHAMTON___COGEN 23790	20.88 0.43 -0.16	17.88 0.38 0.00	14.04 0.23 -0.92	12.63 0.23 -0.89	13.36 0.24 -1.20	17.34 0.41 -0.73	26.84 0.78 0.00	27.03 0.71 -0.08	27.07 0.63 0.00	30.47 0.74 0.00	32.23 0.82 0.00	34.30 0.97 0.00	38.09 1.07 0.00	38.90 1.06 0.00	40.15 1.13 0.00	41.85 0.98 0.00	44.11 0.95 0.00	44.32 1.00 0.28	43.04 0.94 0.67	45.21 1.06 0.29	37.33 0.77 0.21	28.78 0.51 0.12	23.45 0.34 -0.22	21.22 0.39 -0.42
BLACK RIVER___HYD 24047	19.85 0.20 0.64	17.19 0.12 0.43	12.89 0.00 0.00	11.50 0.00 0.00	11.94 0.02 0.00	15.99 0.24 0.46	24.62 0.29 1.73	24.69 0.21 1.76	37.16 0.34 -10.38	43.37 1.01 -12.63	40.66 0.50 -8.74	47.05 0.67 -13.05	45.92 0.70 -8.20	46.72 0.68 -8.19	52.75 0.74 -12.99	49.26 0.69 -7.70	42.99 0.52 0.70	38.75 0.22 5.07	38.41 0.55 4.91	40.01 0.80 5.23	33.28 0.29 3.77	26.48 0.28 2.19	22.03 0.28 1.14	19.90 0.16 0.67
BLISS_WT_PWR 323608	21.08 0.73 -0.06	18.28 0.81 0.03	13.99 0.52 -0.58	12.61 0.54 -0.56	13.22 0.54 -0.76	17.55 0.91 -0.43	27.85 1.90 0.11	27.84 1.65 0.06	27.94 1.51 0.00	31.33 1.60 0.00	33.37 1.95 0.00	35.70 2.37 0.00	39.57 2.55 0.00	40.38 2.54 0.00	41.95 2.93 0.00	43.19 2.33 0.00	45.36 2.20 0.00	45.38 2.09 0.32	44.22 2.01 0.56	46.47 2.35 0.33	37.92 1.40 0.24	29.02 0.77 0.14	23.41 0.41 -0.11	21.40 0.73 -0.25
BLUE_CIRC_CHEM_DRP 24182	22.86 0.85 -1.71	18.30 0.81 0.00	23.32 0.59 -9.84	21.57 0.53 -9.54	25.34 0.56 -12.87	24.75 0.78 -7.76	27.28 1.23 0.00	28.38 1.31 -0.82	27.81 1.37 0.00	31.21 1.49 0.00	32.99 1.57 0.00	34.57 1.23 0.00	38.35 1.33 0.00	39.24 1.40 0.00	40.46 1.44 0.00	42.46 1.59 0.00	44.89 1.73 0.00	45.35 1.75 0.00	45.67 1.71 -1.19	46.13 1.69 0.00	38.31 1.54 0.00	29.61 1.22 0.00	26.89 0.96 -3.03	26.14 0.73 -4.99
BOC_GAS_DRP 24189	22.84 0.81 -1.74	18.25 0.75 0.00	23.43 0.54 -10.00	21.69 0.49 -9.69	25.50 0.51 -13.07	24.81 0.71 -7.89	27.20 1.15 0.00	28.31 1.23 -0.83	27.73 1.30 0.00	31.12 1.40 0.00	32.93 1.51 0.00	34.73 1.40 0.00	38.53 1.52 0.00	39.47 1.63 0.00	40.66 1.64 0.00	42.66 1.80 0.00	45.11 1.94 0.00	45.56 1.96 0.00	45.84 1.88 -1.20	46.31 1.87 0.00	38.49 1.73 0.00	29.72 1.33 0.00	27.03 1.05 -3.08	26.32 0.84 -5.07
BORALEX_4TH_BRANCH 23824	23.47 1.46 -1.72	18.75 1.28 0.02	23.85 0.90 -10.06	22.07 0.82 -9.75	25.91 0.85 -13.15	25.29 1.17 -7.91	28.10 2.14 0.10	29.24 2.26 -0.74	28.74 2.30 0.00	32.25 2.53 0.00	34.09 2.67 0.00	36.10 2.77 0.00	40.09 3.07 0.00	41.02 3.18 0.00	42.30 3.28 0.00	44.38 3.51 0.00	46.91 3.75 0.00	47.15 3.84 0.28	47.50 3.80 -0.93	47.97 3.82 0.29	39.79 3.24 0.21	30.73 2.47 0.12	27.90 1.97 -3.03	27.07 1.59 -5.06
BOWLINE___1 23526	22.79 1.34 -1.16	18.65 1.15 0.00	20.34 0.79 -6.66	18.65 0.69 -6.46	21.33 0.70 -8.71	22.41 0.94 -5.26	28.07 2.01 0.00	28.90 2.10 -0.55	28.66 2.22 0.00	32.11 2.38 0.00	33.96 2.54 0.00	36.00 2.67 0.00	39.94 2.92 0.00	40.98 3.14 0.00	42.30 3.28 0.00	44.46 3.60 0.00	47.05 3.89 0.00	47.61 4.01 0.00	42.33 3.76 4.20	48.22 3.78 0.00	39.96 3.20 0.00	30.88 2.50 0.00	26.85 1.90 -2.05	25.43 1.63 -3.38
BOWLINE___2 23595	22.79 1.34 -1.16	18.65 1.15 0.00	20.34 0.79 -6.66	18.66 0.69 -6.46	21.33 0.70 -8.71	22.41 0.94 -5.26	28.07 2.01 0.00	28.90 2.10 -0.55	28.68 2.25 0.00	32.16 2.44 0.00	34.02 2.61 0.00	36.03 2.70 0.00	40.01 3.00 0.00	41.02 3.18 0.00	42.37 3.36 0.00	44.55 3.68 0.00	47.09 3.93 0.00	47.70 4.10 0.00	42.41 3.85 4.21	48.31 3.86 0.00	40.03 3.27 0.00	30.91 2.53 0.00	26.87 1.92 -2.05	25.43 1.63 -3.38
BROOKHAVEN___DRP 24191	39.83 2.17 -17.37	36.31 1.89 -16.93	28.73 1.35 -14.48	27.65 1.21 -14.93	27.73 1.24 -14.57	33.91 1.62 -16.08	42.25 3.18 -13.01	43.46 3.39 -13.82	43.06 3.59 -13.02	44.65 3.95 -10.97	47.36 4.11 -11.82	46.42 4.30 -8.79	48.50 4.74 -6.75	49.03 4.96 -6.23	50.95 5.19 -6.74	60.00 5.72 -13.42	66.07 6.17 -16.73	66.35 6.37 -16.38	84.29 6.12 -35.41	84.35 6.27 -33.64	56.53 5.18 -14.59	45.59 3.89 -13.32	40.85 3.16 -14.79	39.47 2.67 -16.38
BROOKLYN_NAVY_YARD 23515	23.22 1.64 -1.29	18.92 1.42 0.00	21.25 0.97 -7.40	19.53 0.85 -7.17	22.46 0.87 -9.67	23.21 1.17 -5.84	28.54 2.48 0.00	35.38 2.65 -6.49	35.82 2.80 -6.58	40.90 3.06 -8.11	37.86 3.30 -3.14	38.37 3.43 -1.61	47.76 3.78 -6.97	49.37 4.01 -7.53	49.41 4.22 -6.18	52.38 4.58 -6.94	53.80 4.92 -5.72	54.13 5.10 -5.43	52.55 4.87 -4.91	49.48 5.02 -0.02	44.75 4.08 -3.91	36.73 3.15 -5.19	34.41 2.40 -9.12	28.99 2.10 -6.47
BROOKLYN___ARMY_DRP 323595	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56



BROOME_2_LFGE 323671	20.88 0.43 -0.16	17.88 0.38 0.00	14.04 0.23 -0.92	12.63 0.23 -0.89	13.36 0.24 -1.20	17.34 0.41 -0.73	26.84 0.78 0.00	27.03 0.71 -0.08	27.07 0.63 0.00	30.47 0.74 0.00	32.23 0.82 0.00	34.30 0.97 0.00	38.09 1.07 0.00	38.90 1.06 0.00	40.15 1.13 0.00	41.85 0.98 0.00	44.11 0.95 0.00	44.32 1.00 0.28	43.04 0.94 0.67	45.21 1.06 0.29	37.33 0.77 0.21	28.78 0.51 0.12	23.45 0.34 -0.22	21.22 0.39 -0.42
BROOME___LFGE 323600	20.88 0.43 -0.16	17.88 0.38 0.00	14.04 0.23 -0.92	12.63 0.23 -0.89	13.36 0.24 -1.20	17.34 0.41 -0.73	26.84 0.78 0.00	27.03 0.71 -0.08	27.07 0.63 0.00	30.47 0.74 0.00	32.23 0.82 0.00	34.30 0.97 0.00	38.09 1.07 0.00	38.90 1.06 0.00	40.15 1.13 0.00	41.85 0.98 0.00	44.11 0.95 0.00	44.32 1.00 0.28	43.04 0.94 0.67	45.21 1.06 0.29	37.33 0.77 0.21	28.78 0.51 0.12	23.45 0.34 -0.22	21.22 0.39 -0.42
BURROWS___LYONSDAL 23803	20.11 0.30 0.48	17.40 0.23 0.33	13.01 0.12 0.00	11.61 0.10 0.00	12.03 0.11 0.00	16.15 0.29 0.35	25.19 0.44 1.31	25.33 0.42 1.34	34.32 0.53 -7.35	39.68 1.01 -8.94	38.25 0.69 -6.15	43.38 0.83 -9.21	43.62 0.89 -5.72	44.45 0.91 -5.71	49.08 0.93 -9.12	47.09 0.90 -5.33	43.29 0.82 0.69	40.37 0.61 3.84	39.86 0.81 3.72	41.46 0.98 3.96	34.50 0.59 2.85	27.21 0.48 1.66	22.42 0.39 0.87	20.19 0.29 0.51
CAITHNESS_CC_1 323624	39.71 2.05 -17.37	36.21 1.79 -16.93	28.65 1.28 -14.48	27.58 1.14 -14.93	27.67 1.18 -14.57	33.83 1.54 -16.08	42.07 3.00 -13.01	43.27 3.20 -13.82	42.87 3.41 -13.02	44.42 3.72 -10.97	47.07 3.83 -11.82	46.11 4.00 -8.78	48.12 4.37 -6.74	48.60 4.54 -6.22	50.51 4.76 -6.73	59.55 5.27 -13.41	65.50 5.65 -16.69	65.78 5.84 -16.34	83.82 5.64 -35.41	83.81 5.74 -33.64	56.12 4.78 -14.57	45.30 3.61 -13.30	40.63 2.95 -14.78	39.32 2.53 -16.38
CALPINE BETH_PAGE_GT4 24209	39.75 2.09 -17.37	36.23 1.80 -16.93	28.64 1.26 -14.48	27.56 1.12 -14.94	27.63 1.14 -14.57	33.83 1.54 -16.08	41.94 2.87 -13.01	43.03 2.97 -13.82	42.61 3.14 -13.03	44.15 3.45 -10.98	46.85 3.61 -11.82	47.97 3.73 -10.91	50.87 4.11 -9.75	51.81 4.35 -9.62	54.15 4.60 -10.53	61.24 4.94 -15.43	81.62 5.31 -33.15	81.64 5.49 -32.55	83.40 5.22 -35.42	83.37 5.29 -33.65	59.89 4.45 -18.68	49.58 3.46 -17.73	43.94 2.72 -18.33	40.09 2.33 -17.35
CALPINE_BETH_PAGE_GT_4 323586	39.75 2.09 -17.37	36.23 1.80 -16.93	28.64 1.26 -14.48	27.56 1.12 -14.94	27.63 1.14 -14.57	33.83 1.54 -16.08	41.94 2.87 -13.01	43.03 2.97 -13.82	42.61 3.14 -13.03	44.15 3.45 -10.98	46.85 3.61 -11.82	47.97 3.73 -10.91	50.87 4.11 -9.75	51.81 4.35 -9.62	54.15 4.60 -10.53	61.24 4.94 -15.43	81.62 5.31 -33.15	81.64 5.49 -32.55	83.40 5.22 -35.42	83.37 5.29 -33.65	59.89 4.45 -18.68	49.58 3.46 -17.73	43.94 2.72 -18.33	40.09 2.33 -17.35
CALPINE_BP_GT1 23823	39.75 2.09 -17.37	36.23 1.80 -16.93	28.64 1.26 -14.48	27.56 1.12 -14.94	27.63 1.14 -14.57	33.83 1.54 -16.08	41.94 2.87 -13.01	43.03 2.97 -13.82	42.61 3.14 -13.03	44.15 3.45 -10.98	46.85 3.61 -11.82	47.97 3.73 -10.91	50.87 4.11 -9.75	51.81 4.35 -9.62	54.15 4.60 -10.53	61.24 4.94 -15.43	81.62 5.31 -33.15	81.64 5.49 -32.55	83.40 5.22 -35.42	83.37 5.29 -33.65	59.89 4.45 -18.68	49.58 3.46 -17.73	43.94 2.72 -18.33	40.09 2.33 -17.35
CALSPAN___DRP 24200	20.18 -0.16 -0.05	17.54 0.07 0.03	13.40 -0.01 -0.52	12.08 0.07 -0.50	12.64 0.05 -0.68	16.77 0.18 -0.38	26.39 0.44 0.11	26.21 0.03 0.07	26.31 -0.13 0.00	29.55 -0.18 0.00	31.58 0.16 0.00	33.83 0.50 0.00	37.53 0.52 0.00	38.22 0.38 0.00	39.68 0.66 0.00	40.95 0.08 0.00	43.03 -0.13 0.00	42.98 -0.30 0.32	42.06 -0.17 0.53	44.24 0.13 0.33	36.01 -0.51 0.24	27.51 -0.74 0.14	22.20 -0.78 -0.09	20.37 -0.27 -0.22
CANDIGU_WT_PWR 323617	20.61 0.24 -0.07	17.79 0.32 0.03	13.70 0.16 -0.65	12.33 0.20 -0.63	12.96 0.19 -0.85	17.07 0.37 -0.49	26.73 0.78 0.11	26.77 0.58 0.05	26.83 0.40 0.00	30.14 0.42 0.00	32.08 0.66 0.00	34.26 0.93 0.00	38.09 1.07 0.00	38.86 1.02 0.00	40.23 1.21 0.00	41.64 0.77 0.00	43.81 0.65 0.00	43.94 0.65 0.32	42.82 0.64 0.59	45.05 0.93 0.33	36.93 0.41 0.23	28.34 0.09 0.14	22.98 -0.05 -0.13	20.90 0.20 -0.28
CARR STREET_E_SYR 24060	20.39 0.14 0.04	17.57 0.12 0.05	13.17 0.05 -0.22	11.78 0.06 -0.22	12.27 0.06 -0.29	16.48 0.15 -0.12	25.98 0.13 0.21	26.13 0.08 0.19	27.40 -0.08 -1.04	30.84 -0.15 -1.26	32.15 -0.13 -0.86	34.56 -0.07 -1.30	37.73 -0.07 -0.79	38.47 -0.15 -0.78	40.14 -0.16 -1.27	41.30 -0.28 -0.72	42.66 -0.35 0.15	42.64 -0.35 0.61	41.88 -0.30 0.59	43.55 -0.27 0.63	36.02 -0.30 0.45	27.95 -0.17 0.26	22.78 -0.05 0.07	20.47 0.02 -0.03
CARTHAGE___PAPER 23857	19.67 0.10 0.72	17.05 0.04 0.48	12.84 -0.05 0.00	11.46 -0.05 0.00	11.89 -0.02 0.00	15.84 0.15 0.52	24.28 0.16 1.93	24.38 0.11 1.97	38.36 0.29 -11.63	44.81 0.92 -14.16	41.66 0.44 -9.80	48.56 0.60 -14.63	46.80 0.59 -9.20	47.63 0.60 -9.19	54.24 0.66 -14.56	50.07 0.57 -8.63	42.82 0.43 0.77	37.97 0.04 5.67	37.61 0.34 5.49	39.17 0.58 5.85	32.69 0.15 4.22	26.11 0.17 2.45	21.80 0.18 1.28	19.74 0.08 0.75
CE_DUNWOOD___DRP 24194	23.07 1.50 -1.28	18.79 1.29 0.00	21.11 0.89 -7.33	19.39 0.78 -7.11	22.31 0.81 -9.58	23.08 1.09 -5.78	28.27 2.21 0.00	29.27 2.41 -0.61	29.05 2.62 0.00	32.58 2.85 0.00	34.50 3.08 0.00	36.53 3.20 0.00	40.53 3.52 0.00	41.59 3.75 0.00	42.96 3.94 0.00	45.20 4.33 0.00	47.82 4.66 0.00	48.44 4.84 0.00	49.77 4.58 -2.43	49.02 4.58 0.00	40.59 3.82 0.00	31.31 2.92 0.00	27.35 2.20 -2.26	26.01 1.88 -3.72
CE_MILLWOOD___DRP 24193	22.99 1.44 -1.26	18.74 1.24 0.00	20.96 0.85 -7.22	19.25 0.75 -7.00	22.12 0.76 -9.44	22.94 1.04 -5.70	28.20 2.14 0.00	29.13 2.28 -0.60	28.92 2.48 0.00	32.43 2.70 0.00	34.31 2.89 0.00	36.33 3.00 0.00	40.35 3.33 0.00	41.40 3.56 0.00	42.76 3.75 0.00	44.95 4.09 0.00	47.57 4.40 0.00	48.13 4.53 0.00	49.20 4.28 -2.16	48.75 4.31 0.00	40.37 3.60 0.00	31.17 2.78 0.00	27.22 2.10 -2.22	25.85 1.78 -3.66
CE_NYC2_DRP 24202	23.39 1.81 -1.30	19.06 1.56 -0.01	21.36 1.07 -7.41	19.64 0.95 -7.18	22.57 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.28 3.07 -13.77	43.83 3.36 -10.74	44.52 3.58 -9.52	45.31 3.70 -8.28	48.28 4.07 -7.19	49.84 4.24 -7.76	49.84 4.45 -6.38	52.84 4.82 -7.15	54.24 5.18 -5.90	54.52 5.32 -5.60	52.80 5.04 -4.99	49.61 5.15 -0.02	45.75 4.34 -4.65	44.30 3.40 -12.51	43.25 2.59 -17.77	29.18 2.21 -6.56
CE_NYC_DRP 24195	23.32 1.75 -1.29	19.00 1.51 0.00	21.32 1.03 -7.40	19.58 0.91 -7.17	22.52 0.93 -9.67	23.29 1.25 -5.84	28.64 2.58 0.00	35.46 2.78 -6.43	38.62 2.99 -9.19	41.04 3.27 -8.04	40.62 3.52 -5.68	44.96 3.67 -7.96	47.99 4.07 -6.91	49.61 4.31 -7.46	49.67 4.52 -6.13	52.64 4.90 -6.87	54.10 5.26 -5.67	54.43 5.45 -5.38	52.83 5.17 -4.89	49.70 5.24 -0.02	45.57 4.34 -4.47	41.71 3.35 -9.97	34.47 2.52 -9.05	29.03 2.16 -6.45



CHAFFEE___LFGE 323603	20.28 -0.06 -0.05	17.63 0.16 0.03	13.48 0.05 -0.54	12.15 0.13 -0.52	12.73 0.11 -0.70	16.88 0.28 -0.40	26.60 0.65 0.11	26.44 0.26 0.07	26.54 0.11 0.00	29.82 0.09 0.00	31.89 0.47 0.00	34.17 0.83 0.00	37.87 0.85 0.00	38.56 0.72 0.00	40.07 1.05 0.00	41.32 0.45 0.00	43.47 0.30 0.00	43.41 0.13 0.32	42.44 0.21 0.54	44.69 0.58 0.33	36.34 -0.18 0.24	27.71 -0.54 0.14	22.34 -0.64 -0.09	20.52 -0.12 -0.23
CHATEAUG_WT_PWR 323614	16.25 -1.06 2.98	14.51 -0.98 2.01	12.14 -0.75 0.00	10.74 -0.76 0.00	11.08 -0.83 0.00	12.75 -1.31 2.15	16.08 -1.93 8.05	15.93 -2.10 8.22	6.28 -1.53 18.62	4.12 -1.66 23.94	7.24 -1.82 22.35	3.43 -1.93 27.97	7.26 -2.11 27.64	7.16 -2.20 28.48	2.92 -2.34 33.76	7.28 -2.37 31.22	14.63 -2.07 26.46	17.65 -2.36 23.59	17.68 -2.23 22.86	18.06 -2.04 24.34	17.48 -1.73 17.55	16.53 -1.67 10.18	16.27 -1.30 5.32	16.26 -1.02 3.13
CHAT_HIGH_FALL_HYD 323578	16.23 -1.14 2.93	14.48 -1.05 1.97	12.08 -0.81 0.00	10.69 -0.82 0.00	11.02 -0.89 0.00	12.71 -1.39 2.11	16.10 -2.06 7.90	15.96 -2.23 8.06	5.24 -1.61 19.59	2.85 -1.75 25.12	6.30 -1.95 23.17	2.11 -2.03 29.19	6.34 -2.26 28.42	6.28 -2.31 29.25	1.59 -2.46 34.97	6.38 -2.53 31.95	14.55 -2.20 26.42	17.97 -2.48 23.15	17.99 -2.35 22.42	18.39 -2.18 23.87	17.74 -1.80 17.22	16.61 -1.79 9.99	16.27 -1.40 5.22	16.26 -1.08 3.07
CHAUTAUQUA___LFGE 323629	20.12 -0.22 -0.05	17.47 0.00 0.03	13.37 -0.05 -0.53	12.05 0.03 -0.51	12.62 0.01 -0.69	16.76 0.16 -0.39	26.45 0.49 0.11	26.34 0.16 0.07	26.46 0.03 0.00	29.73 0.00 0.00	31.83 0.41 0.00	34.20 0.87 0.00	38.05 1.03 0.00	38.79 0.95 0.00	40.30 1.29 0.00	41.56 0.69 0.00	43.72 0.56 0.00	43.63 0.35 0.32	42.70 0.47 0.54	44.91 0.80 0.33	36.42 -0.11 0.24	27.74 -0.51 0.14	22.37 -0.62 -0.09	20.56 -0.08 -0.22
CH_MIDHUDSON___DRP 24192	23.22 1.52 -1.41	18.79 1.29 0.00	21.90 0.90 -8.11	20.16 0.79 -7.86	23.34 0.82 -10.60	23.69 1.09 -6.40	28.25 2.19 0.00	29.21 2.28 -0.68	28.87 2.43 0.00	32.34 2.62 0.00	34.21 2.80 0.00	36.23 2.90 0.00	40.27 3.26 0.00	41.32 3.48 0.00	42.68 3.67 0.00	44.87 4.01 0.00	47.44 4.27 0.00	48.05 4.45 0.00	48.29 4.23 -1.29	48.71 4.27 0.00	40.33 3.57 0.00	31.14 2.75 0.00	27.47 2.08 -2.50	26.30 1.78 -4.11
CH_MISC_IPPS 23765	23.15 1.54 -1.32	18.81 1.31 0.00	21.38 0.92 -7.58	19.66 0.81 -7.35	22.65 0.82 -9.91	23.28 1.09 -5.98	28.30 2.24 0.00	29.14 2.26 -0.63	28.82 2.38 0.00	32.25 2.53 0.00	34.15 2.73 0.00	36.16 2.83 0.00	40.27 3.26 0.00	41.32 3.48 0.00	42.68 3.67 0.00	44.87 4.01 0.00	47.44 4.27 0.00	48.09 4.49 0.00	47.73 4.23 -0.73	48.75 4.31 0.00	40.33 3.57 0.00	31.11 2.73 0.00	27.26 2.04 -2.33	26.01 1.76 -3.84
CH_RES_BVR_FALLS 23983	19.37 -0.55 0.37	16.78 -0.51 0.21	12.21 -0.37 0.30	10.87 -0.34 0.29	11.16 -0.36 0.40	15.22 -0.52 0.47	24.39 -0.81 0.86	24.53 -0.81 0.90	20.55 -0.77 5.12	22.48 -0.83 6.42	25.29 -0.85 5.28	25.37 -0.87 7.10	30.20 -0.89 5.93	30.92 -0.87 6.05	30.23 -0.86 7.93	33.64 -0.90 6.33	38.61 -0.86 3.69	40.17 -0.92 2.51	39.60 -0.86 2.31	41.00 -0.85 2.59	34.20 -0.70 1.87	26.76 -0.54 1.08	21.78 -0.46 0.66	19.52 -0.41 0.49
CH_RES_NIAGARA 23895	19.56 -0.77 -0.04	17.03 -0.44 0.03	13.03 -0.35 -0.49	11.75 -0.23 -0.48	12.31 -0.25 -0.64	16.28 -0.29 -0.36	25.48 -0.47 0.11	25.13 -1.05 0.07	25.17 -1.27 0.00	28.24 -1.49 0.00	30.19 -1.23 0.00	32.33 -1.00 0.00	35.83 -1.19 0.00	36.40 -1.44 0.00	37.73 -1.29 0.00	38.99 -1.88 0.00	41.00 -2.16 0.00	40.97 -2.31 0.32	40.11 -2.14 0.52	42.20 -1.91 0.33	34.43 -2.09 0.24	26.32 -1.93 0.14	21.30 -1.67 -0.08	19.56 -1.06 -0.20
CH_RES_SYRACUSE 23985	20.52 0.24 0.01	17.67 0.21 0.04	13.28 0.10 -0.29	11.89 0.10 -0.28	12.41 0.12 -0.37	16.62 0.23 -0.18	26.15 0.26 0.17	26.17 0.08 0.15	27.23 -0.13 -0.93	30.73 -0.12 -1.12	32.09 -0.09 -0.76	34.45 -0.03 -1.15	37.68 -0.04 -0.70	38.43 -0.11 -0.70	40.00 -0.16 -1.13	41.27 -0.24 -0.64	42.74 -0.30 0.12	42.83 -0.26 0.51	41.94 -0.21 0.62	43.78 -0.13 0.53	36.16 -0.22 0.38	28.05 -0.11 0.22	22.91 0.05 0.03	20.59 0.10 -0.07
CLINTON_WT_PWR 323605	16.25 -1.06 2.98	14.51 -0.98 2.01	12.14 -0.75 0.00	10.74 -0.76 0.00	11.08 -0.83 0.00	12.75 -1.31 2.15	16.08 -1.93 8.05	15.93 -2.10 8.22	6.28 -1.53 18.62	4.12 -1.66 23.94	7.24 -1.82 22.35	3.43 -1.93 27.97	7.26 -2.11 27.64	7.16 -2.20 28.48	2.92 -2.34 33.76	7.28 -2.37 31.22	14.63 -2.07 26.46	17.65 -2.36 23.59	17.68 -2.23 22.86	18.06 -2.04 24.34	17.48 -1.73 17.55	16.53 -1.67 10.18	16.27 -1.30 5.32	16.26 -1.02 3.13
CLINTON___LFGE 323618	16.27 -1.06 2.97	14.50 -1.00 2.00	12.12 -0.77 0.00	10.71 -0.79 0.00	11.05 -0.87 0.00	12.69 -1.38 2.14	16.15 -1.90 8.01	16.00 -2.07 8.18	6.25 -1.32 18.87	4.08 -1.40 24.25	7.25 -1.60 22.56	3.35 -1.70 28.28	7.36 -1.81 27.84	7.23 -1.93 28.68	2.84 -2.11 34.07	7.29 -2.17 31.41	14.90 -1.81 26.45	18.03 -2.09 23.48	18.01 -2.01 22.75	18.49 -1.73 24.22	17.82 -1.47 17.47	16.50 -1.76 10.13	16.25 -1.35 5.30	16.28 -1.02 3.12
COLONIE_LFGE___ 323577	23.22 1.20 -1.74	18.56 1.09 0.03	23.86 0.77 -10.20	22.09 0.70 -9.89	25.98 0.73 -13.33	25.25 1.02 -8.02	27.75 1.80 0.10	28.91 1.92 -0.74	28.29 1.93 0.07	31.77 2.14 0.10	33.52 2.23 0.13	35.49 2.30 0.14	39.42 2.59 0.19	40.25 2.61 0.20	41.51 2.69 0.20	43.50 2.86 0.23	46.00 3.11 0.27	46.44 3.14 0.30	46.76 3.16 -0.83	47.33 3.20 0.31	39.26 2.72 0.23	30.30 2.04 0.13	27.59 1.63 -3.07	26.81 1.27 -5.13
CORNELL___ 23752	20.96 0.61 -0.06	17.97 0.51 0.03	13.83 0.31 -0.63	12.40 0.29 -0.61	13.05 0.31 -0.82	17.21 0.53 -0.46	26.87 0.94 0.13	27.09 0.92 0.08	27.31 0.95 0.08	30.80 1.19 0.11	32.50 1.22 0.14	34.58 1.40 0.15	38.36 1.55 0.21	39.14 1.52 0.22	40.40 1.60 0.22	41.88 1.27 0.25	44.11 1.25 0.30	44.52 1.31 0.38	43.50 1.37 0.64	45.60 1.55 0.39	37.58 1.10 0.28	28.96 0.74 0.16	23.52 0.53 -0.10	21.18 0.51 -0.26
COXSACKIE___GT 23611	23.18 1.44 -1.45	18.78 1.28 0.00	22.12 0.89 -8.34	20.36 0.77 -8.09	23.64 0.82 -10.90	23.84 1.05 -6.58	28.09 2.03 0.00	28.81 1.86 -0.69	28.29 1.85 0.00	31.60 1.87 0.00	33.43 2.01 0.00	35.23 1.90 0.00	39.35 2.33 0.00	40.38 2.54 0.00	41.59 2.57 0.00	43.81 2.94 0.00	46.31 3.15 0.00	46.96 3.36 0.00	47.05 3.25 -1.04	47.82 3.38 0.00	39.45 2.68 0.00	30.37 1.99 0.00	27.00 1.53 -2.57	25.95 1.31 -4.23
CPV_VALLEY___CC1 323721	22.23 1.07 -0.86	18.43 0.93 0.00	18.47 0.63 -4.95	16.87 0.56 -4.80	18.96 0.57 -6.47	20.89 0.78 -3.91	27.68 1.62 0.00	28.37 1.71 -0.41	28.24 1.80 0.00	31.66 1.93 0.00	33.49 2.07 0.00	35.50 2.17 0.00	39.42 2.40 0.00	40.41 2.57 0.00	41.75 2.73 0.00	43.81 2.94 0.00	46.31 3.15 0.00	46.91 3.31 0.00	43.65 3.08 2.20	47.60 3.16 0.00	39.37 2.61 0.00	30.40 2.02 0.00	25.93 1.51 -1.53	24.23 1.31 -2.51



CPV_VALLEY___CC2 323722	22.23 1.07 -0.86	18.43 0.93 0.00	18.47 0.63 -4.95	16.87 0.56 -4.80	18.96 0.57 -6.47	20.89 0.78 -3.91	27.68 1.62 0.00	28.37 1.71 -0.41	28.24 1.80 0.00	31.66 1.93 0.00	33.49 2.07 0.00	35.50 2.17 0.00	39.42 2.40 0.00	40.41 2.57 0.00	41.75 2.73 0.00	43.81 2.94 0.00	46.31 3.15 0.00	46.91 3.31 0.00	43.65 3.08 2.20	47.60 3.16 0.00	39.37 2.61 0.00	30.40 2.02 0.00	25.93 1.51 -1.53	24.23 1.31 -2.51
CRESCENT___HYD 24018	23.22 1.20 -1.74	18.56 1.09 0.03	23.86 0.77 -10.20	22.09 0.70 -9.89	25.98 0.73 -13.33	25.25 1.02 -8.02	27.75 1.80 0.10	28.91 1.92 -0.74	28.29 1.93 0.07	31.77 2.14 0.10	33.52 2.23 0.13	35.49 2.30 0.14	39.42 2.59 0.19	40.25 2.61 0.20	41.51 2.69 0.20	43.50 2.86 0.23	46.00 3.11 0.27	46.44 3.14 0.30	46.76 3.16 -0.83	47.33 3.20 0.31	39.26 2.72 0.23	30.30 2.04 0.13	27.59 1.63 -3.07	26.81 1.27 -5.13
CRUCIBLE_METL_DRP 24180	20.52 0.24 0.01	17.67 0.21 0.04	13.28 0.10 -0.29	11.89 0.10 -0.28	12.41 0.12 -0.37	16.62 0.23 -0.18	26.15 0.26 0.17	26.17 0.08 0.15	27.23 -0.13 -0.93	30.73 -0.12 -1.12	32.09 -0.09 -0.76	34.45 -0.03 -1.15	37.68 -0.04 -0.70	38.43 -0.11 -0.70	40.00 -0.16 -1.13	41.27 -0.24 -0.64	42.74 -0.30 0.12	42.83 -0.26 0.51	41.94 -0.21 0.62	43.78 -0.13 0.53	36.16 -0.22 0.38	28.05 -0.11 0.22	22.91 0.05 0.03	20.59 0.10 -0.07
DANC___LFGE 323619	19.99 0.10 0.40	17.28 0.05 0.27	12.86 -0.03 0.00	11.48 -0.02 0.00	11.91 -0.01 0.00	16.05 0.13 0.29	25.05 0.08 1.09	25.13 0.00 1.12	32.94 0.00 -6.50	38.00 0.36 -7.91	36.89 0.00 -5.47	41.60 0.10 -8.17	42.22 0.07 -5.13	43.00 0.04 -5.12	47.22 0.08 -8.12	45.63 -0.04 -4.81	42.53 -0.17 0.46	40.09 -0.30 3.20	39.58 -0.09 3.10	41.23 0.09 3.30	34.23 -0.15 2.38	26.95 -0.06 1.38	22.19 0.02 0.72	19.99 0.00 0.43
DANSKAMMER___1 23586	23.15 1.54 -1.32	18.81 1.31 0.00	21.38 0.92 -7.58	19.66 0.81 -7.35	22.65 0.82 -9.91	23.28 1.09 -5.98	28.30 2.24 0.00	29.14 2.26 -0.63	28.82 2.38 0.00	32.25 2.53 0.00	34.15 2.73 0.00	36.16 2.83 0.00	40.27 3.26 0.00	41.32 3.48 0.00	42.68 3.67 0.00	44.87 4.01 0.00	47.44 4.27 0.00	48.09 4.49 0.00	47.73 4.23 -0.73	48.75 4.31 0.00	40.33 3.57 0.00	31.11 2.73 0.00	27.26 2.04 -2.33	26.01 1.76 -3.84
DANSKAMMER___2 23589	23.15 1.54 -1.32	18.81 1.31 0.00	21.38 0.92 -7.58	19.66 0.81 -7.35	22.65 0.82 -9.91	23.28 1.09 -5.98	28.30 2.24 0.00	29.14 2.26 -0.63	28.82 2.38 0.00	32.25 2.53 0.00	34.15 2.73 0.00	36.16 2.83 0.00	40.27 3.26 0.00	41.32 3.48 0.00	42.68 3.67 0.00	44.87 4.01 0.00	47.44 4.27 0.00	48.09 4.49 0.00	47.73 4.23 -0.73	48.75 4.31 0.00	40.33 3.57 0.00	31.11 2.73 0.00	27.26 2.04 -2.33	26.01 1.76 -3.84
DANSKAMMER___3 23590	23.15 1.54 -1.32	18.81 1.31 0.00	21.38 0.92 -7.58	19.66 0.81 -7.35	22.65 0.82 -9.91	23.28 1.09 -5.98	28.30 2.24 0.00	29.14 2.26 -0.63	28.82 2.38 0.00	32.25 2.53 0.00	34.15 2.73 0.00	36.16 2.83 0.00	40.27 3.26 0.00	41.32 3.48 0.00	42.68 3.67 0.00	44.87 4.01 0.00	47.44 4.27 0.00	48.09 4.49 0.00	47.73 4.23 -0.73	48.75 4.31 0.00	40.33 3.57 0.00	31.11 2.73 0.00	27.26 2.04 -2.33	26.01 1.76 -3.84
DANSKAMMER___4 23591	23.15 1.54 -1.32	18.81 1.31 0.00	21.38 0.92 -7.58	19.66 0.81 -7.35	22.65 0.82 -9.91	23.28 1.09 -5.98	28.30 2.24 0.00	29.14 2.26 -0.63	28.82 2.38 0.00	32.25 2.53 0.00	34.15 2.73 0.00	36.16 2.83 0.00	40.27 3.26 0.00	41.32 3.48 0.00	42.68 3.67 0.00	44.87 4.01 0.00	47.44 4.27 0.00	48.09 4.49 0.00	47.73 4.23 -0.73	48.75 4.31 0.00	40.33 3.57 0.00	31.11 2.73 0.00	27.26 2.04 -2.33	26.01 1.76 -3.84
DANSKAMMER___DIESEL 23592	23.15 1.54 -1.32	18.81 1.31 0.00	21.38 0.92 -7.58	19.66 0.81 -7.35	22.65 0.82 -9.91	23.28 1.09 -5.98	28.30 2.24 0.00	29.14 2.26 -0.63	28.82 2.38 0.00	32.25 2.53 0.00	34.15 2.73 0.00	36.16 2.83 0.00	40.27 3.26 0.00	41.32 3.48 0.00	42.68 3.67 0.00	44.87 4.01 0.00	47.44 4.27 0.00	48.09 4.49 0.00	47.73 4.23 -0.73	48.75 4.31 0.00	40.33 3.57 0.00	31.11 2.73 0.00	27.26 2.04 -2.33	26.01 1.76 -3.84
DASHVILLE___HYD 23610	22.83 1.22 -1.33	18.53 1.03 0.00	21.23 0.71 -7.63	19.52 0.62 -7.39	22.53 0.64 -9.97	23.05 0.83 -6.02	27.83 1.77 0.00	28.67 1.79 -0.63	28.34 1.90 0.00	31.72 1.99 0.00	33.56 2.14 0.00	35.53 2.20 0.00	39.53 2.52 0.00	40.57 2.73 0.00	41.87 2.85 0.00	44.01 3.15 0.00	46.57 3.41 0.00	47.18 3.58 0.00	46.80 3.34 -0.70	47.82 3.38 0.00	39.59 2.83 0.00	30.60 2.22 0.00	26.91 1.67 -2.35	25.71 1.43 -3.87
DELAWARE___LFGE 323621	21.08 0.59 -0.20	17.99 0.49 0.00	14.34 0.31 -1.14	12.90 0.29 -1.11	13.71 0.30 -1.49	17.58 0.47 -0.90	27.00 0.94 0.00	27.26 0.92 -0.10	27.26 0.82 0.00	30.74 1.01 0.00	32.42 1.01 0.00	34.47 1.13 0.00	38.28 1.26 0.00	39.13 1.29 0.00	40.38 1.36 0.00	42.21 1.35 0.00	44.54 1.38 0.00	45.04 1.44 0.00	43.69 1.45 0.53	46.00 1.55 0.00	37.90 1.14 0.00	29.24 0.85 0.00	23.88 0.62 -0.37	21.58 0.55 -0.61
DOGLEVILLE___HYD 23807	21.11 0.95 0.13	18.24 0.81 0.07	13.27 0.57 0.18	11.83 0.51 0.18	12.20 0.52 0.24	16.76 0.76 0.22	27.04 1.25 0.27	27.21 1.26 0.29	27.52 1.27 0.18	30.99 1.52 0.25	32.64 1.54 0.32	34.62 1.63 0.34	38.29 1.74 0.47	39.01 1.66 0.49	40.17 1.64 0.49	41.89 1.59 0.57	44.08 1.60 0.68	44.41 1.61 0.80	43.62 1.62 0.78	45.35 1.73 0.83	37.64 1.47 0.60	29.18 1.14 0.35	23.60 0.94 0.24	21.03 0.82 0.20
DUNKIRK___1 23563	20.14 -0.20 -0.05	17.49 0.02 0.03	13.37 -0.05 -0.53	12.05 0.03 -0.51	12.63 0.02 -0.69	16.76 0.16 -0.39	26.45 0.49 0.11	26.34 0.16 0.07	26.46 0.03 0.00	29.73 0.00 0.00	31.83 0.41 0.00	34.17 0.83 0.00	38.02 1.00 0.00	38.75 0.91 0.00	40.27 1.25 0.00	41.48 0.61 0.00	43.64 0.48 0.00	43.54 0.26 0.32	42.66 0.43 0.54	44.87 0.75 0.33	36.38 -0.15 0.24	27.71 -0.54 0.14	22.34 -0.64 -0.09	20.54 -0.10 -0.22
DUNKIRK___2 23564	20.14 -0.20 -0.05	17.49 0.02 0.03	13.37 -0.05 -0.53	12.05 0.03 -0.51	12.63 0.02 -0.69	16.76 0.16 -0.39	26.45 0.49 0.11	26.34 0.16 0.07	26.46 0.03 0.00	29.73 0.00 0.00	31.83 0.41 0.00	34.17 0.83 0.00	38.02 1.00 0.00	38.75 0.91 0.00	40.27 1.25 0.00	41.48 0.61 0.00	43.64 0.48 0.00	43.54 0.26 0.32	42.66 0.43 0.54	44.87 0.75 0.33	36.38 -0.15 0.24	27.71 -0.54 0.14	22.34 -0.64 -0.09	20.54 -0.10 -0.22
DUNKIRK___3 23565	20.16 -0.18 -0.05	17.51 0.04 0.03	13.39 -0.03 -0.52	12.06 0.05 -0.51	12.64 0.04 -0.68	16.77 0.18 -0.38	26.44 0.49 0.11	26.29 0.11 0.07	26.41 -0.03 0.00	29.67 -0.06 0.00	31.73 0.31 0.00	34.03 0.70 0.00	37.83 0.81 0.00	38.52 0.68 0.00	40.03 1.01 0.00	41.27 0.41 0.00	43.42 0.26 0.00	43.32 0.04 0.32	42.40 0.17 0.54	44.60 0.49 0.33	36.23 -0.30 0.24	27.65 -0.60 0.14	22.29 -0.69 -0.09	20.47 -0.16 -0.22



DUNKIRK___4 23566	20.16 -0.18 -0.05	17.51 0.04 0.03	13.39 -0.03 -0.52	12.06 0.05 -0.51	12.64 0.04 -0.68	16.77 0.18 -0.38	26.44 0.49 0.11	26.29 0.11 0.07	26.41 -0.03 0.00	29.67 -0.06 0.00	31.73 0.31 0.00	34.03 0.70 0.00	37.83 0.81 0.00	38.52 0.68 0.00	40.03 1.01 0.00	41.27 0.41 0.00	43.42 0.26 0.00	43.32 0.04 0.32	42.40 0.17 0.54	44.60 0.49 0.33	36.23 -0.30 0.24	27.65 -0.60 0.14	22.29 -0.69 -0.09	20.47 -0.16 -0.22
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.16 1.58 -1.29	18.86 1.37 0.00	21.22 0.93 -7.40	19.50 0.82 -7.17	22.43 0.83 -9.67	23.18 1.13 -5.84	28.38 2.32 0.00	29.41 2.55 -0.62	29.19 2.75 0.00	32.76 3.03 0.00	34.66 3.24 0.00	36.70 3.37 0.00	40.75 3.74 0.00	41.77 3.94 0.00	43.20 4.18 0.00	45.40 4.54 0.00	48.48 4.92 -0.40	49.08 5.10 -0.38	50.17 4.83 -2.57	49.29 4.84 0.00	40.81 4.04 0.00	31.48 3.09 0.00	27.48 2.31 -2.28	26.15 1.98 -3.75
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.79 1.32 -1.18	18.62 1.12 0.00	20.44 0.77 -6.78	18.75 0.68 -6.57	21.47 0.69 -8.86	22.48 0.92 -5.35	28.02 1.96 0.00	28.81 1.99 -0.56	28.53 2.09 0.00	31.96 2.23 0.00	33.81 2.39 0.00	35.86 2.53 0.00	39.87 2.85 0.00	40.90 3.06 0.00	42.22 3.20 0.00	44.38 3.51 0.00	46.91 3.75 0.00	47.57 3.97 0.00	45.91 3.72 0.57	48.22 3.78 0.00	39.85 3.09 0.00	30.77 2.38 0.00	26.79 1.81 -2.09	25.40 1.55 -3.43
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.39 1.81 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.67 2.61 -0.01	29.59 2.70 -0.64	29.44 2.96 -0.04	33.00 3.24 -0.03	34.90 3.46 -0.02	36.95 3.57 -0.05	40.95 3.89 -0.04	45.28 4.05 -3.39	49.44 4.25 -6.17	45.53 4.62 -0.04	53.84 4.96 -5.71	54.16 5.14 -5.42	52.54 4.87 -4.90	49.29 4.84 -0.01	44.85 4.19 -3.90	36.86 3.29 -5.18	27.73 2.52 -2.32	26.31 2.12 -3.77
EAST HAMPTON___GT 23717	40.95 3.29 -17.37	37.26 2.83 -16.93	29.41 2.04 -14.48	28.24 1.81 -14.93	28.34 1.85 -14.57	34.78 2.50 -16.08	43.89 4.82 -13.01	45.24 5.17 -13.82	44.85 5.39 -13.02	46.79 6.09 -10.97	49.87 6.63 -11.82	49.36 7.23 -8.79	51.91 8.14 -6.75	52.40 8.32 -6.24	54.55 8.78 -6.75	64.01 9.72 -13.42	70.25 10.32 -16.77	70.48 10.46 -16.42	88.35 10.18 -35.41	88.70 10.62 -33.64	60.07 8.71 -14.60	47.93 6.22 -13.33	42.50 4.81 -14.80	40.84 4.04 -16.38
EAST RIVER___6 23660	23.30 1.72 -1.29	18.99 1.49 0.00	21.30 1.02 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.29 1.25 -5.84	28.64 2.58 0.00	35.54 2.81 -6.49	38.73 3.01 -9.28	41.14 3.30 -8.11	40.70 3.55 -5.73	45.06 3.70 -8.03	48.09 4.11 -6.97	49.72 4.35 -7.53	49.80 4.60 -6.18	52.79 4.98 -6.94	54.23 5.35 -5.72	54.52 5.49 -5.43	52.89 5.22 -4.91	49.74 5.29 -0.02	45.64 4.37 -4.51	41.80 3.35 -10.06	34.55 2.54 -9.12	29.07 2.19 -6.47
EAST RIVER___7 23524	23.30 1.72 -1.29	18.99 1.49 0.00	21.30 1.02 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.29 1.25 -5.84	28.64 2.58 0.00	35.54 2.81 -6.49	38.73 3.01 -9.28	41.14 3.30 -8.11	40.70 3.55 -5.73	45.06 3.70 -8.03	48.09 4.11 -6.97	49.72 4.35 -7.53	49.80 4.60 -6.18	52.79 4.98 -6.94	54.23 5.35 -5.72	54.52 5.49 -5.43	52.89 5.22 -4.91	49.74 5.29 -0.02	45.64 4.37 -4.51	41.80 3.35 -10.06	34.55 2.54 -9.12	29.07 2.19 -6.47
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.07 1.50 -1.28	18.79 1.29 0.00	21.11 0.89 -7.33	19.39 0.78 -7.11	22.31 0.81 -9.58	23.08 1.09 -5.78	28.27 2.21 0.00	29.27 2.41 -0.61	29.05 2.62 0.00	32.58 2.85 0.00	34.50 3.08 0.00	36.53 3.20 0.00	40.53 3.52 0.00	41.59 3.75 0.00	42.96 3.94 0.00	45.20 4.33 0.00	47.82 4.66 0.00	48.44 4.84 0.00	49.77 4.58 -2.43	49.02 4.58 0.00	40.59 3.82 0.00	31.31 2.92 0.00	27.35 2.20 -2.26	26.01 1.88 -3.72
EAST_HAMPTON___DIESEL 23722	40.95 3.29 -17.37	37.26 2.83 -16.93	29.41 2.04 -14.48	28.24 1.81 -14.93	28.34 1.85 -14.57	34.78 2.50 -16.08	43.89 4.82 -13.01	45.24 5.17 -13.82	44.85 5.39 -13.02	46.79 6.09 -10.97	49.87 6.63 -11.82	49.36 7.23 -8.79	51.91 8.14 -6.75	52.40 8.32 -6.24	54.55 8.78 -6.75	64.01 9.72 -13.42	70.25 10.32 -16.77	70.48 10.46 -16.42	88.35 10.18 -35.41	88.70 10.62 -33.64	60.07 8.71 -14.60	47.93 6.22 -13.33	42.50 4.81 -14.80	40.84 4.04 -16.38
EAST_RIVER___1 323558	23.32 1.75 -1.29	19.00 1.51 0.00	21.32 1.03 -7.40	19.58 0.91 -7.17	22.52 0.93 -9.67	23.29 1.25 -5.84	28.64 2.58 0.00	35.46 2.78 -6.43	38.62 2.99 -9.19	41.04 3.27 -8.04	40.62 3.52 -5.68	44.96 3.67 -7.96	47.99 4.07 -6.91	49.61 4.31 -7.46	49.67 4.52 -6.13	52.64 4.90 -6.87	54.10 5.26 -5.67	54.43 5.45 -5.38	52.83 5.17 -4.89	49.70 5.24 -0.02	45.57 4.34 -4.47	41.71 3.35 -9.97	34.47 2.52 -9.05	29.03 2.16 -6.45
EAST_RIVER___2 323559	23.30 1.72 -1.29	18.99 1.49 0.00	21.30 1.02 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.29 1.25 -5.84	28.64 2.58 0.00	35.54 2.81 -6.49	38.73 3.01 -9.28	41.14 3.30 -8.11	40.70 3.55 -5.73	45.06 3.70 -8.03	48.09 4.11 -6.97	49.72 4.35 -7.53	49.80 4.60 -6.18	52.79 4.98 -6.94	54.23 5.35 -5.72	54.52 5.49 -5.43	52.89 5.22 -4.91	49.74 5.29 -0.02	45.64 4.37 -4.51	41.80 3.35 -10.06	34.55 2.54 -9.12	29.07 2.19 -6.47
EAST___DELAWARE_HYD 23607	22.71 1.40 -1.02	18.67 1.17 0.00	19.55 0.80 -5.86	17.88 0.70 -5.68	20.31 0.74 -7.66	21.82 0.99 -4.62	28.15 2.09 0.00	28.73 1.99 -0.49	28.50 2.06 0.00	31.93 2.20 0.00	33.74 2.32 0.00	35.83 2.50 0.00	39.94 2.92 0.00	40.98 3.14 0.00	42.25 3.24 0.00	44.42 3.55 0.00	46.96 3.80 0.00	47.66 4.06 0.00	46.24 3.85 0.38	48.44 4.00 0.00	39.89 3.12 0.00	30.77 2.38 0.00	26.48 1.79 -1.80	24.93 1.55 -2.97
ELEC_TRO_TEK 24086	39.49 1.83 -17.37	36.02 1.59 -16.93	28.48 1.11 -14.49	27.42 0.98 -14.94	27.49 1.00 -14.57	33.64 1.34 -16.08	41.70 2.63 -13.01	42.88 2.81 -13.82	42.48 3.01 -13.03	43.97 3.27 -10.98	46.70 3.46 -11.82	51.35 3.60 -14.41	55.69 3.96 -14.71	57.23 4.16 -15.23	60.21 4.41 -16.79	64.41 4.78 -18.77	108.57 5.09 -60.31	108.18 5.27 -59.30	83.20 5.00 -35.43	83.16 5.06 -33.66	65.27 4.23 -24.28	56.68 3.26 -25.03	48.60 2.54 -23.17	41.28 2.19 -18.68
ELLENBURG_WT_PWR 323604	16.25 -1.06 2.98	14.51 -0.98 2.01	12.14 -0.75 0.00	10.74 -0.76 0.00	11.08 -0.83 0.00	12.75 -1.31 2.15	16.08 -1.93 8.05	15.93 -2.10 8.22	6.28 -1.53 18.62	4.12 -1.66 23.94	7.24 -1.82 22.35	3.43 -1.93 27.97	7.26 -2.11 27.64	7.16 -2.20 28.48	2.92 -2.34 33.76	7.28 -2.37 31.22	14.63 -2.07 26.46	17.65 -2.36 23.59	17.68 -2.23 22.86	18.06 -2.04 24.34	17.48 -1.73 17.55	16.53 -1.67 10.18	16.27 -1.30 5.32	16.26 -1.02 3.13
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.01 -0.33 -0.05	17.40 -0.07 0.03	13.29 -0.10 -0.51	11.99 -0.01 -0.49	12.55 -0.04 -0.66	16.63 0.05 -0.37	26.16 0.21 0.11	25.94 -0.24 0.07	26.01 -0.42 0.00	29.22 -0.51 0.00	31.23 -0.19 0.00	33.47 0.13 0.00	37.13 0.11 0.00	37.76 -0.08 0.00	39.17 0.16 0.00	40.46 -0.41 0.00	42.56 -0.60 0.00	42.50 -0.78 0.32	41.55 -0.69 0.53	43.75 -0.36 0.33	35.61 -0.92 0.24	27.20 -1.05 0.14	21.97 -1.01 -0.08	20.16 -0.47 -0.21



EMPIRE_CC_1 323656	23.02 1.01 -1.71	18.41 0.91 0.00	23.39 0.66 -9.84	21.63 0.59 -9.54	25.38 0.60 -12.86	24.80 0.83 -7.76	27.52 1.46 0.00	28.56 1.50 -0.82	28.00 1.56 0.00	31.45 1.72 0.00	33.24 1.82 0.00	35.13 1.80 0.00	39.01 2.00 0.00	39.92 2.08 0.00	41.16 2.14 0.00	43.19 2.33 0.00	45.71 2.55 0.00	46.17 2.57 0.00	46.57 2.48 -1.32	46.97 2.53 0.00	38.97 2.21 0.00	30.06 1.67 0.00	27.39 1.47 -3.03	26.59 1.18 -4.99
EMPIRE_CC_2 323658	23.02 1.01 -1.71	18.41 0.91 0.00	23.39 0.66 -9.84	21.63 0.59 -9.54	25.38 0.60 -12.86	24.80 0.83 -7.76	27.52 1.46 0.00	28.56 1.50 -0.82	28.00 1.56 0.00	31.45 1.72 0.00	33.24 1.82 0.00	35.13 1.80 0.00	39.01 2.00 0.00	39.92 2.08 0.00	41.16 2.14 0.00	43.19 2.33 0.00	45.71 2.55 0.00	46.17 2.57 0.00	46.57 2.48 -1.32	46.97 2.53 0.00	38.97 2.21 0.00	30.06 1.67 0.00	27.39 1.47 -3.03	26.59 1.18 -4.99
ERIE_WT_PWR 323693	20.20 -0.14 -0.05	17.56 0.09 0.03	13.41 0.00 -0.52	12.09 0.08 -0.50	12.66 0.06 -0.68	16.79 0.20 -0.38	26.42 0.47 0.11	26.23 0.05 0.07	26.33 -0.11 0.00	29.58 -0.15 0.00	31.64 0.22 0.00	33.86 0.53 0.00	37.57 0.56 0.00	38.26 0.42 0.00	39.72 0.70 0.00	40.99 0.12 0.00	43.12 -0.04 0.00	43.02 -0.26 0.32	42.10 -0.13 0.53	44.33 0.22 0.33	36.05 -0.48 0.24	27.54 -0.71 0.14	22.22 -0.75 -0.09	20.39 -0.24 -0.22
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.94 0.59 -0.06	17.96 0.49 0.03	13.81 0.30 -0.63	12.39 0.28 -0.61	13.04 0.30 -0.82	17.19 0.52 -0.46	26.82 0.89 0.13	27.03 0.86 0.08	27.25 0.90 0.08	30.74 1.13 0.11	32.44 1.16 0.14	34.51 1.33 0.15	38.29 1.48 0.21	39.06 1.44 0.22	40.28 1.48 0.22	41.80 1.19 0.26	44.02 1.17 0.30	44.43 1.22 0.39	43.41 1.28 0.64	45.51 1.46 0.40	37.50 1.03 0.29	28.93 0.71 0.17	23.50 0.50 -0.10	21.16 0.49 -0.26
E_CANADA_CAP_HY 24051	22.73 0.49 -1.96	17.89 0.42 0.03	24.60 0.24 -11.47	22.87 0.25 -11.12	27.17 0.26 -14.99	25.73 0.50 -9.02	27.07 1.12 0.11	28.38 1.29 -0.85	27.45 1.08 0.07	30.78 1.16 0.10	32.36 1.07 0.13	34.46 1.27 0.14	38.27 1.44 0.19	39.05 1.40 0.19	40.27 1.44 0.20	42.07 1.43 0.23	44.40 1.51 0.27	44.86 1.57 0.30	44.93 1.88 -0.28	46.13 2.00 0.31	38.27 1.73 0.23	29.39 1.14 0.13	27.12 0.75 -3.47	26.60 0.41 -5.78
E_CANADA_MHWK_HY 24050	21.11 0.95 0.13	18.24 0.81 0.07	13.27 0.57 0.18	11.83 0.51 0.18	12.20 0.52 0.24	16.76 0.76 0.22	27.04 1.25 0.27	27.21 1.26 0.29	27.52 1.27 0.18	30.99 1.52 0.25	32.64 1.54 0.32	34.62 1.63 0.34	38.29 1.74 0.47	39.01 1.66 0.49	40.17 1.64 0.49	41.89 1.59 0.57	44.08 1.60 0.68	44.41 1.61 0.80	43.62 1.62 0.78	45.35 1.73 0.83	37.64 1.47 0.60	29.18 1.14 0.35	23.60 0.94 0.24	21.03 0.82 0.20
E_FISHKILL___LBMP 23776	23.14 1.44 -1.41	18.74 1.24 0.00	21.84 0.86 -8.08	20.11 0.77 -7.84	23.27 0.79 -10.57	23.64 1.05 -6.38	28.17 2.11 0.00	29.18 2.26 -0.67	28.87 2.43 0.00	32.37 2.64 0.00	34.28 2.86 0.00	36.27 2.93 0.00	40.24 3.22 0.00	41.28 3.44 0.00	42.61 3.59 0.00	44.79 3.92 0.00	47.39 4.23 0.00	47.96 4.36 0.00	49.05 4.11 -2.18	48.57 4.13 0.00	40.29 3.53 0.00	31.11 2.73 0.00	27.44 2.06 -2.49	26.27 1.76 -4.10
FAR ROCKAWAY___4 23548	39.90 2.23 -17.38	36.34 1.91 -16.93	28.72 1.34 -14.49	27.62 1.17 -14.94	27.70 1.20 -14.58	33.93 1.64 -16.08	42.23 3.15 -13.02	43.43 3.36 -13.82	43.01 3.54 -13.03	44.63 3.92 -10.98	47.10 3.86 -11.82	59.59 4.10 -22.16	67.23 4.55 -25.67	70.25 4.81 -27.60	74.67 5.04 -30.61	72.48 5.48 -26.13	169.32 5.87 -120.29	168.04 6.06 -118.38	83.99 5.77 -35.45	83.95 5.82 -33.68	78.48 4.85 -36.86	73.26 3.72 -41.15	59.76 2.84 -34.03	44.50 2.43 -21.66
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.32 1.75 -1.29	19.00 1.51 0.00	21.32 1.03 -7.40	19.58 0.91 -7.17	22.52 0.93 -9.67	23.31 1.27 -5.84	28.64 2.58 0.00	35.54 2.81 -6.49	38.73 3.01 -9.28	41.14 3.30 -8.11	40.67 3.52 -5.74	45.03 3.67 -8.03	48.06 4.07 -6.97	49.68 4.31 -7.53	49.72 4.52 -6.18	52.70 4.90 -6.94	54.15 5.26 -5.72	54.48 5.45 -5.43	52.85 5.17 -4.91	49.70 5.24 -0.02	45.64 4.37 -4.51	41.80 3.35 -10.06	34.55 2.54 -9.12	29.07 2.19 -6.47
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.30 1.72 -1.29	18.99 1.49 0.00	21.30 1.02 -7.40	19.58 0.91 -7.17	22.52 0.93 -9.67	23.29 1.25 -5.84	28.64 2.58 0.00	35.51 2.78 -6.49	38.70 2.99 -9.28	41.11 3.27 -8.11	40.64 3.49 -5.74	45.00 3.63 -8.03	48.02 4.04 -6.97	49.64 4.27 -7.53	49.68 4.49 -6.18	52.66 4.86 -6.94	54.10 5.22 -5.72	54.43 5.41 -5.43	52.81 5.13 -4.91	49.65 5.20 -0.02	45.61 4.34 -4.51	41.77 3.32 -10.06	34.53 2.52 -9.12	29.05 2.16 -6.47
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.30 1.72 -1.29	18.99 1.49 0.00	21.30 1.02 -7.40	19.57 0.90 -7.17	22.52 0.93 -9.67	23.29 1.25 -5.84	28.61 2.56 0.00	35.51 2.78 -6.49	38.68 2.96 -9.28	41.08 3.24 -8.11	40.64 3.49 -5.74	45.00 3.63 -8.03	48.02 4.04 -6.97	49.60 4.24 -7.53	49.68 4.49 -6.18	52.66 4.86 -6.94	54.10 5.22 -5.72	54.39 5.36 -5.43	52.76 5.09 -4.91	49.61 5.15 -0.02	45.57 4.30 -4.51	41.77 3.32 -10.06	34.53 2.52 -9.12	29.05 2.16 -6.47
FARRAGUT___LBMP 323566	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.56 0.89 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.84	28.59 2.53 0.00	35.46 2.73 -6.49	38.65 2.93 -9.28	41.05 3.21 -8.11	40.58 3.43 -5.74	44.93 3.57 -8.03	47.95 3.96 -6.97	49.53 4.16 -7.53	49.61 4.41 -6.18	52.58 4.78 -6.94	54.02 5.13 -5.72	54.30 5.27 -5.43	52.72 5.04 -4.91	49.57 5.11 -0.02	45.50 4.23 -4.51	41.71 3.26 -10.06	34.48 2.47 -9.12	29.01 2.12 -6.47
FENNER___WINDPWR 24204	20.75 0.57 0.11	17.86 0.45 0.09	13.34 0.28 -0.17	11.93 0.26 -0.16	12.41 0.27 -0.22	16.73 0.49 -0.03	26.46 0.78 0.38	26.64 0.76 0.37	28.91 0.74 -1.73	32.86 1.04 -2.10	33.80 0.98 -1.41	36.57 1.10 -2.14	39.51 1.22 -1.27	40.31 1.21 -1.26	42.35 1.25 -2.09	43.16 1.14 -1.16	43.96 1.12 0.32	43.63 1.13 1.10	42.94 1.24 1.07	44.68 1.38 1.14	36.90 0.95 0.82	28.62 0.71 0.48	23.24 0.55 0.20	20.84 0.49 0.06
FIBERTEK___ENERGY 23856	20.52 0.24 0.01	17.67 0.21 0.04	13.28 0.10 -0.29	11.89 0.10 -0.28	12.41 0.12 -0.37	16.62 0.23 -0.18	26.15 0.26 0.17	26.17 0.08 0.15	27.23 -0.13 -0.93	30.73 -0.12 -1.12	32.09 -0.09 -0.76	34.45 -0.03 -1.15	37.68 -0.04 -0.70	38.43 -0.11 -0.70	40.00 -0.16 -1.13	41.27 -0.24 -0.64	42.74 -0.30 0.12	42.83 -0.26 0.51	41.94 -0.21 0.62	43.78 -0.13 0.53	36.16 -0.22 0.38	28.05 -0.11 0.22	22.91 0.05 0.03	20.59 0.10 -0.07
FITZPATRICK____ 23598	20.09 -0.22 -0.03	17.31 -0.19 0.00	12.88 -0.17 -0.16	11.52 -0.14 -0.15	11.98 -0.14 -0.21	16.17 -0.16 -0.12	25.62 -0.44 0.00	25.76 -0.50 -0.01	25.86 -0.58 0.00	29.07 -0.65 0.00	30.73 -0.69 0.00	32.67 -0.67 0.00	36.28 -0.74 0.00	37.01 -0.83 0.00	38.16 -0.86 0.00	39.93 -0.94 0.00	42.13 -1.04 0.00	42.55 -1.05 0.00	41.79 -0.98 0.00	43.46 -0.98 0.00	35.88 -0.88 0.00	27.70 -0.68 0.00	22.46 -0.48 -0.05	20.15 -0.35 -0.08



FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.23 1.60 -1.33	18.86 1.37 0.00	21.49 0.94 -7.66	19.76 0.83 -7.43	22.78 0.85 -10.02	23.37 1.12 -6.05	28.35 2.29 0.00	29.20 2.31 -0.64	28.87 2.43 0.00	32.31 2.58 0.00	34.21 2.80 0.00	36.23 2.90 0.00	40.35 3.33 0.00	41.44 3.60 0.00	42.76 3.75 0.00	44.99 4.13 0.00	47.57 4.40 0.00	48.22 4.62 0.00	48.05 4.36 -0.92	48.88 4.44 0.00	40.40 3.64 0.00	31.17 2.78 0.00	27.36 2.10 -2.36	26.10 1.80 -3.88
FORT ORANGE____ 23900	22.74 0.75 -1.70	18.27 0.77 0.00	23.20 0.54 -9.77	21.47 0.49 -9.47	25.23 0.54 -12.78	24.67 0.75 -7.71	27.20 1.15 0.00	28.32 1.26 -0.81	27.76 1.32 0.00	31.15 1.43 0.00	32.93 1.51 0.00	34.70 1.37 0.00	38.53 1.52 0.00	39.47 1.63 0.00	40.66 1.64 0.00	42.71 1.84 0.00	45.15 1.99 0.00	45.61 2.01 0.00	45.93 1.97 -1.19	46.39 1.95 0.00	38.49 1.73 0.00	29.75 1.36 0.00	26.98 1.08 -3.01	26.16 0.80 -4.95
FORT_DRUM_COGEN 23780	19.81 0.18 0.66	17.16 0.11 0.44	12.89 0.00 0.00	11.50 0.00 0.00	11.93 0.01 0.00	15.96 0.23 0.48	24.56 0.29 1.78	24.61 0.19 1.82	37.46 0.32 -10.70	43.76 1.01 -13.03	40.94 0.50 -9.02	47.46 0.67 -13.46	46.18 0.70 -8.46	46.97 0.68 -8.45	53.15 0.74 -13.39	49.46 0.65 -7.94	42.97 0.52 0.72	38.55 0.18 5.22	38.22 0.52 5.06	39.81 0.75 5.39	33.14 0.26 3.89	26.39 0.25 2.25	21.99 0.28 1.18	19.87 0.14 0.69
FPL_FAR_ROCK_GT1 24212	39.90 2.23 -17.38	36.34 1.91 -16.93	28.72 1.34 -14.49	27.62 1.17 -14.94	27.70 1.20 -14.58	33.93 1.64 -16.08	42.23 3.15 -13.02	43.43 3.36 -13.82	43.01 3.54 -13.03	44.63 3.92 -10.98	47.10 3.86 -11.82	59.59 4.10 -22.16	67.23 4.55 -25.67	70.25 4.81 -27.60	74.67 5.04 -30.61	72.48 5.48 -26.13	169.32 5.87 -120.29	168.04 6.06 -118.38	83.99 5.77 -35.45	83.95 5.82 -33.68	78.48 4.85 -36.86	73.26 3.72 -41.15	59.76 2.84 -34.03	44.50 2.43 -21.66
FPL_FAR_ROCK_GT2 23815	39.90 2.23 -17.38	36.34 1.91 -16.93	28.72 1.34 -14.49	27.62 1.17 -14.94	27.70 1.20 -14.58	33.93 1.64 -16.08	42.23 3.15 -13.02	43.43 3.36 -13.82	43.01 3.54 -13.03	44.63 3.92 -10.98	47.10 3.86 -11.82	59.59 4.10 -22.16	67.23 4.55 -25.67	70.25 4.81 -27.60	74.67 5.04 -30.61	72.48 5.48 -26.13	169.32 5.87 -120.29	168.04 6.06 -118.38	83.99 5.77 -35.45	83.95 5.82 -33.68	78.48 4.85 -36.86	73.26 3.72 -41.15	59.76 2.84 -34.03	44.50 2.43 -21.66
FRANKLIN_FALL_HYD 24054	16.36 -1.14 2.79	14.55 -1.07 1.88	12.06 -0.83 0.00	10.69 -0.82 0.00	11.06 -0.86 0.00	12.87 -1.33 2.01	16.68 -1.85 7.53	16.57 -2.00 7.69	3.34 -1.19 21.91	0.59 -1.19 27.95	4.87 -1.41 25.14	-0.18 -1.40 32.11	5.11 -1.63 30.27	4.99 -1.74 31.11	-0.67 -1.79 37.90	5.20 -1.96 33.70	15.08 -1.77 26.31	19.26 -2.27 22.07	19.20 -2.18 21.38	19.76 -1.91 22.77	18.69 -1.65 16.42	17.13 -1.73 9.52	16.54 -1.37 4.98	16.42 -1.06 2.93
FREEPORT_EQUS_GT1 23764	39.69 2.03 -17.37	36.18 1.75 -16.93	28.60 1.23 -14.49	27.52 1.08 -14.94	27.60 1.11 -14.57	33.80 1.51 -16.08	41.96 2.89 -13.01	43.14 3.07 -13.82	42.71 3.25 -13.03	44.27 3.57 -10.98	47.01 3.77 -11.82	50.49 3.80 -13.36	54.41 4.18 -13.22	55.80 4.43 -13.54	58.60 4.68 -14.91	63.53 4.90 -17.77	100.62 5.31 -52.15	100.36 5.49 -51.26	83.41 5.22 -35.42	83.38 5.29 -33.65	64.22 4.41 -23.05	54.83 3.61 -22.84	47.79 2.79 -22.10	41.19 2.39 -18.38
FREEPORT___CT2 23818	39.69 2.03 -17.37	36.18 1.75 -16.93	28.60 1.23 -14.49	27.52 1.08 -14.94	27.60 1.11 -14.57	33.80 1.51 -16.08	41.96 2.89 -13.01	43.14 3.07 -13.82	42.71 3.25 -13.03	44.27 3.57 -10.98	47.01 3.77 -11.82	50.49 3.80 -13.36	54.41 4.18 -13.22	55.80 4.43 -13.54	58.60 4.68 -14.91	63.53 4.90 -17.77	100.62 5.31 -52.15	100.36 5.49 -51.26	83.41 5.22 -35.42	83.38 5.29 -33.65	64.22 4.41 -23.05	54.83 3.61 -22.84	47.79 2.79 -22.10	41.19 2.39 -18.38
FULTON COGEN____ 23766	20.34 0.10 0.05	17.51 0.07 0.06	13.10 0.01 -0.20	11.72 0.02 -0.20	12.22 0.04 -0.26	16.40 0.10 -0.10	25.82 0.00 0.24	25.99 -0.03 0.23	27.61 -0.13 -1.30	31.19 -0.12 -1.58	32.35 -0.16 -1.08	34.86 -0.10 -1.63	37.91 -0.11 -1.00	38.65 -0.19 -1.00	40.43 -0.19 -1.61	41.47 -0.33 -0.93	42.63 -0.39 0.14	42.50 -0.39 0.70	41.79 -0.30 0.68	43.45 -0.27 0.72	35.95 -0.30 0.52	27.85 -0.23 0.30	22.66 -0.14 0.10	20.36 -0.06 -0.01
FULTON___LFGE 323630	24.08 1.91 -1.88	19.15 1.68 0.03	25.06 1.12 -11.05	23.31 1.09 -10.71	27.49 1.13 -14.44	26.66 1.77 -8.69	29.31 3.36 0.11	30.78 3.73 -0.81	29.66 3.30 0.08	33.39 3.78 0.11	35.11 3.83 0.14	37.45 4.27 0.15	41.74 4.92 0.20	42.44 4.81 0.21	43.77 4.96 0.21	45.61 4.98 0.24	48.22 5.35 0.29	48.82 5.54 0.32	49.37 6.16 -0.44	50.55 6.44 0.33	41.60 5.08 0.24	31.74 3.49 0.14	28.72 2.50 -3.33	27.63 1.65 -5.56
G.F.CEMENT___DRP 24184	23.61 1.58 -1.74	18.87 1.40 0.03	24.09 0.98 -10.22	22.32 0.91 -9.91	26.21 0.93 -13.37	25.58 1.33 -8.04	28.38 2.42 0.11	29.64 2.65 -0.74	28.93 2.56 0.08	32.48 2.85 0.11	34.11 2.83 0.13	36.22 3.03 0.14	40.30 3.48 0.19	40.97 3.33 0.20	42.25 3.43 0.20	44.23 3.60 0.24	46.72 3.84 0.28	47.21 3.93 0.31	47.66 4.07 -0.83	48.30 4.18 0.32	40.14 3.60 0.23	30.89 2.64 0.13	28.10 2.13 -3.08	27.15 1.59 -5.14
GARDENVILLE___LBMP 24039	20.10 -0.24 -0.05	17.47 0.00 0.03	13.35 -0.05 -0.52	12.04 0.03 -0.50	12.60 0.01 -0.67	16.70 0.11 -0.38	26.29 0.34 0.11	26.10 -0.08 0.07	26.17 -0.26 0.00	29.40 -0.33 0.00	31.42 0.00 0.00	33.67 0.33 0.00	37.35 0.33 0.00	38.03 0.19 0.00	39.49 0.47 0.00	40.74 -0.12 0.00	42.86 -0.30 0.00	42.76 -0.52 0.32	41.85 -0.39 0.53	44.07 -0.04 0.33	35.86 -0.66 0.24	27.40 -0.85 0.14	22.11 -0.87 -0.08	20.28 -0.35 -0.22
GENERAL___MILLS 23808	20.18 -0.16 -0.05	17.54 0.07 0.03	13.40 -0.01 -0.52	12.08 0.07 -0.50	12.64 0.05 -0.68	16.77 0.18 -0.38	26.39 0.44 0.11	26.21 0.03 0.07	26.31 -0.13 0.00	29.55 -0.18 0.00	31.58 0.16 0.00	33.83 0.50 0.00	37.53 0.52 0.00	38.22 0.38 0.00	39.68 0.66 0.00	40.95 0.08 0.00	43.03 -0.13 0.00	42.98 -0.30 0.32	42.06 -0.17 0.53	44.24 0.13 0.33	36.01 -0.51 0.24	27.51 -0.74 0.14	22.20 -0.78 -0.09	20.37 -0.27 -0.22
GE_PLASTICS___DRP 24183	22.86 0.85 -1.72	18.30 0.81 0.00	23.32 0.58 -9.85	21.58 0.53 -9.55	25.36 0.56 -12.88	24.74 0.76 -7.77	27.28 1.23 0.00	28.38 1.31 -0.82	27.78 1.35 0.00	31.18 1.46 0.00	32.99 1.57 0.00	34.57 1.23 0.00	38.35 1.33 0.00	39.24 1.40 0.00	40.42 1.40 0.00	42.42 1.55 0.00	44.84 1.68 0.00	45.30 1.70 0.00	45.63 1.67 -1.19	46.09 1.65 0.00	38.27 1.51 0.00	29.61 1.22 0.00	26.89 0.96 -3.03	26.14 0.73 -4.99
GILBOA___I 23756	22.99 1.03 -1.67	18.32 0.82 0.00	23.12 0.64 -9.59	21.38 0.57 -9.30	25.05 0.60 -12.54	24.59 0.81 -7.57	27.41 1.35 0.00	28.46 1.42 -0.80	27.97 1.53 0.00	31.36 1.63 0.00	33.18 1.76 0.00	35.06 1.73 0.00	38.94 1.92 0.00	39.88 2.04 0.00	41.05 2.03 0.00	43.07 2.21 0.00	45.53 2.37 0.00	45.87 2.27 0.00	46.37 2.14 -1.47	46.57 2.13 0.00	38.89 2.13 0.00	30.03 1.65 0.00	27.15 1.30 -2.95	26.34 1.06 -4.86



GILBOA___2 23757	22.99 1.03 -1.67	18.32 0.82 0.00	23.12 0.64 -9.59	21.38 0.57 -9.30	25.05 0.60 -12.54	24.59 0.81 -7.57	27.41 1.35 0.00	28.46 1.42 -0.80	27.97 1.53 0.00	31.36 1.63 0.00	33.18 1.76 0.00	35.06 1.73 0.00	38.94 1.92 0.00	39.88 2.04 0.00	41.05 2.03 0.00	43.07 2.21 0.00	45.53 2.37 0.00	45.87 2.27 0.00	46.37 2.14 -1.47	46.57 2.13 0.00	38.89 2.13 0.00	30.03 1.65 0.00	27.15 1.30 -2.95	26.34 1.06 -4.86
GILBOA___3 23758	22.99 1.03 -1.67	18.32 0.82 0.00	23.12 0.64 -9.59	21.38 0.57 -9.30	25.05 0.60 -12.54	24.59 0.81 -7.57	27.41 1.35 0.00	28.46 1.42 -0.80	27.97 1.53 0.00	31.36 1.63 0.00	33.18 1.76 0.00	35.06 1.73 0.00	38.94 1.92 0.00	39.88 2.04 0.00	41.05 2.03 0.00	43.07 2.21 0.00	45.53 2.37 0.00	45.87 2.27 0.00	46.37 2.14 -1.47	46.57 2.13 0.00	38.89 2.13 0.00	30.03 1.65 0.00	27.15 1.30 -2.95	26.34 1.06 -4.86
GILBOA___4 23759	22.99 1.03 -1.67	18.32 0.82 0.00	23.12 0.64 -9.59	21.38 0.57 -9.30	25.05 0.60 -12.54	24.59 0.81 -7.57	27.41 1.35 0.00	28.46 1.42 -0.80	27.97 1.53 0.00	31.36 1.63 0.00	33.18 1.76 0.00	35.06 1.73 0.00	38.94 1.92 0.00	39.88 2.04 0.00	41.05 2.03 0.00	43.07 2.21 0.00	45.53 2.37 0.00	45.87 2.27 0.00	46.37 2.14 -1.47	46.57 2.13 0.00	38.89 2.13 0.00	30.03 1.65 0.00	27.15 1.30 -2.95	26.34 1.06 -4.86
GILBOA____ 23599	22.99 1.03 -1.67	18.32 0.82 0.00	23.12 0.64 -9.59	21.38 0.57 -9.30	25.05 0.60 -12.54	24.59 0.81 -7.57	27.41 1.35 0.00	28.46 1.42 -0.80	27.97 1.53 0.00	31.36 1.63 0.00	33.18 1.76 0.00	35.06 1.73 0.00	38.94 1.92 0.00	39.88 2.04 0.00	41.05 2.03 0.00	43.07 2.21 0.00	45.53 2.37 0.00	45.87 2.27 0.00	46.37 2.14 -1.47	46.57 2.13 0.00	38.89 2.13 0.00	30.03 1.65 0.00	27.15 1.30 -2.95	26.34 1.06 -4.86
GINNA____ 23603	19.24 -1.08 -0.02	16.63 -0.84 0.03	12.60 -0.67 -0.38	11.32 -0.55 -0.37	11.86 -0.56 -0.50	15.79 -0.70 -0.27	24.85 -1.09 0.11	25.06 -1.10 0.09	24.96 -1.40 0.07	28.02 -1.61 0.10	29.85 -1.44 0.13	31.86 -1.33 0.14	35.39 -1.44 0.19	35.76 -1.89 0.19	36.87 -1.95 0.19	38.35 -2.29 0.23	40.35 -2.55 0.27	40.65 -2.61 0.34	39.84 -2.44 0.49	41.92 -2.18 0.35	34.31 -2.20 0.25	26.34 -1.90 0.15	21.26 -1.67 -0.04	19.28 -1.29 -0.15
GLEN PARK____ 23778	19.91 0.24 0.63	17.25 0.17 0.42	12.92 0.03 0.00	11.53 0.02 0.00	11.95 0.04 0.00	16.05 0.29 0.45	24.73 0.36 1.69	24.81 0.29 1.73	36.98 0.40 -10.15	43.24 1.16 -12.35	40.56 0.60 -8.55	46.86 0.77 -12.76	45.85 0.81 -8.02	46.65 0.80 -8.01	52.62 0.90 -12.70	49.21 0.82 -7.53	43.13 0.65 0.68	38.99 0.35 4.96	38.65 0.68 4.80	40.30 0.98 5.11	33.48 0.41 3.69	26.61 0.37 2.14	22.12 0.34 1.12	19.96 0.20 0.66
GLENWOOD_IC_1_G5 23712	39.51 1.85 -17.37	36.02 1.59 -16.93	28.48 1.11 -14.48	27.42 0.98 -14.94	27.49 1.00 -14.57	33.65 1.36 -16.08	41.76 2.68 -13.01	42.93 2.86 -13.82	42.53 3.07 -13.03	44.09 3.39 -10.98	46.79 3.55 -11.82	48.82 3.70 -11.79	52.12 4.11 -10.99	53.22 4.35 -11.03	55.68 4.56 -12.10	62.08 4.94 -16.27	88.45 5.31 -39.98	88.37 5.49 -39.28	83.40 5.22 -35.42	83.33 5.24 -33.65	61.25 4.37 -20.11	51.30 3.35 -19.57	45.00 2.54 -19.56	40.35 2.25 -17.69
GLENWOOD_IC_2_G1 23688	39.38 1.72 -17.37	35.91 1.49 -16.93	28.41 1.03 -14.48	27.36 0.92 -14.94	27.43 0.94 -14.57	33.55 1.27 -16.08	41.60 2.53 -13.01	42.77 2.70 -13.82	42.37 2.91 -13.03	43.88 3.18 -10.97	46.64 3.39 -11.82	46.89 3.53 -10.02	49.43 3.92 -8.50	50.17 4.13 -8.21	52.34 4.37 -8.95	60.20 4.74 -14.59	74.56 5.09 -26.31	74.64 5.23 -25.81	83.18 5.00 -35.41	83.10 5.02 -33.64	57.69 4.19 -16.73	47.51 3.23 -15.89	41.99 2.45 -16.65	39.41 2.10 -16.89
GLENWOOD_IC_3_G1 23689	39.38 1.72 -17.37	35.91 1.49 -16.93	28.41 1.03 -14.48	27.36 0.92 -14.94	27.43 0.94 -14.57	33.55 1.27 -16.08	41.60 2.53 -13.01	42.77 2.70 -13.82	42.37 2.91 -13.03	43.88 3.18 -10.97	46.64 3.39 -11.82	46.89 3.53 -10.02	49.43 3.92 -8.50	50.17 4.13 -8.21	52.34 4.37 -8.95	60.20 4.74 -14.59	74.56 5.09 -26.31	74.64 5.23 -25.81	83.18 5.00 -35.41	83.10 5.02 -33.64	57.69 4.19 -16.73	47.51 3.23 -15.89	41.99 2.45 -16.65	39.41 2.10 -16.89
GLENWOOD___4 23550	39.51 1.85 -17.37	36.02 1.59 -16.93	28.48 1.11 -14.48	27.42 0.98 -14.94	27.49 1.00 -14.57	33.65 1.36 -16.08	41.76 2.68 -13.01	42.93 2.86 -13.82	42.53 3.07 -13.03	44.09 3.39 -10.98	46.82 3.58 -11.82	48.85 3.73 -11.79	52.16 4.14 -10.99	53.26 4.39 -11.03	55.72 4.60 -12.10	62.16 5.03 -16.27	88.49 5.35 -39.98	88.41 5.54 -39.28	83.44 5.26 -35.42	83.38 5.29 -33.65	61.29 4.41 -20.11	51.33 3.38 -19.57	45.02 2.56 -19.56	40.35 2.25 -17.69
GLENWOOD___5 23614	39.51 1.85 -17.37	36.02 1.59 -16.93	28.48 1.11 -14.48	27.42 0.98 -14.94	27.49 1.00 -14.57	33.65 1.36 -16.08	41.76 2.68 -13.01	42.93 2.86 -13.82	42.53 3.07 -13.03	44.09 3.39 -10.98	46.82 3.58 -11.82	48.85 3.73 -11.79	52.16 4.14 -10.99	53.26 4.39 -11.03	55.72 4.60 -12.10	62.16 5.03 -16.27	88.49 5.35 -39.98	88.41 5.54 -39.28	83.44 5.26 -35.42	83.38 5.29 -33.65	61.29 4.41 -20.11	51.33 3.38 -19.57	45.02 2.56 -19.56	40.35 2.25 -17.69
GLOBAL GREEN_PORT_GT1 23814	40.97 3.31 -17.37	37.28 2.85 -16.93	29.41 2.04 -14.48	28.24 1.81 -14.93	28.34 1.85 -14.57	34.80 2.51 -16.08	43.89 4.82 -13.01	45.24 5.17 -13.82	44.85 5.39 -13.02	46.76 6.06 -10.97	49.84 6.60 -11.82	49.32 7.20 -8.79	51.88 8.11 -6.75	52.37 8.29 -6.24	54.51 8.74 -6.75	63.97 9.69 -13.42	70.25 10.32 -16.77	70.48 10.46 -16.42	88.35 10.18 -35.41	88.70 10.62 -33.64	60.07 8.71 -14.60	47.93 6.22 -13.33	42.50 4.81 -14.80	40.84 4.04 -16.38
GLOBE___DSASP 323697	19.50 -0.83 -0.04	17.00 -0.47 0.03	12.99 -0.39 -0.49	11.72 -0.25 -0.47	12.27 -0.29 -0.64	16.24 -0.32 -0.36	25.40 -0.55 0.11	25.02 -1.15 0.07	25.06 -1.38 0.00	28.15 -1.58 0.00	30.07 -1.35 0.00	32.20 -1.13 0.00	35.69 -1.33 0.00	36.25 -1.59 0.00	37.58 -1.44 0.00	38.82 -2.04 0.00	40.83 -2.33 0.00	40.79 -2.48 0.32	39.93 -2.31 0.52	42.02 -2.09 0.33	34.28 -2.24 0.24	26.23 -2.01 0.14	21.23 -1.74 -0.08	19.49 -1.12 -0.20
GOETHSLN___LBMP 323567	23.18 1.60 -1.29	18.90 1.40 0.00	21.24 0.95 -7.40	19.51 0.84 -7.17	22.45 0.86 -9.67	23.20 1.15 -5.84	28.46 2.40 0.00	35.38 2.65 -6.49	38.49 2.78 -9.28	40.47 3.00 -7.74	40.36 3.21 -5.74	40.91 3.33 -4.25	42.91 3.70 -2.19	46.96 3.90 -5.22	49.33 4.13 -6.18	52.30 4.50 -6.94	52.67 4.83 -4.68	52.94 5.01 -4.33	47.63 4.75 -0.12	47.58 4.80 1.66	45.28 4.01 -4.51	41.54 3.09 -10.06	34.39 2.38 -9.12	28.93 2.04 -6.47
GOODYEAR_LAKE_HYD 323669	21.02 0.63 -0.10	18.02 0.52 0.00	13.80 0.32 -0.58	12.37 0.30 -0.57	12.99 0.31 -0.76	17.21 0.53 -0.46	27.13 1.07 0.00	27.37 1.08 -0.05	27.42 0.98 0.00	31.00 1.28 0.00	32.61 1.19 0.00	34.73 1.40 0.00	38.53 1.52 0.00	39.39 1.55 0.00	40.66 1.64 0.00	42.46 1.59 0.00	44.80 1.64 0.00	45.30 1.70 0.00	44.23 1.75 0.29	46.35 1.91 0.00	38.20 1.43 0.00	29.38 0.99 0.00	23.82 0.73 -0.19	21.33 0.59 -0.32



GOUDEY___7 345031	20.86 0.45 -0.12	17.89 0.42 0.02	14.06 0.26 -0.92	12.64 0.25 -0.89	13.38 0.26 -1.20	17.33 0.42 -0.70	26.77 0.81 0.10	26.96 0.73 0.02	27.10 0.66 0.00	30.50 0.77 0.00	32.27 0.85 0.00	34.33 1.00 0.00	38.13 1.11 0.00	38.94 1.10 0.00	40.19 1.17 0.00	41.89 1.02 0.00	44.15 0.99 0.00	44.36 1.04 0.28	43.08 0.98 0.67	45.26 1.11 0.29	37.32 0.77 0.21	28.80 0.54 0.12	23.47 0.37 -0.21	21.24 0.41 -0.42
GOUDEY___7 23579	20.88 0.47 -0.12	17.89 0.42 0.02	14.06 0.26 -0.92	12.64 0.25 -0.89	13.38 0.26 -1.20	17.35 0.44 -0.70	26.80 0.83 0.10	26.99 0.76 0.02	27.10 0.66 0.00	30.50 0.77 0.00	32.30 0.88 0.00	34.37 1.03 0.00	38.17 1.15 0.00	38.97 1.13 0.00	40.23 1.21 0.00	41.93 1.06 0.00	44.15 0.99 0.00	44.36 1.04 0.28	43.12 1.02 0.67	45.30 1.15 0.29	37.36 0.81 0.21	28.80 0.54 0.12	23.47 0.37 -0.21	21.24 0.41 -0.42
GOUDEY___8 23580	20.86 0.45 -0.12	17.89 0.42 0.02	14.06 0.26 -0.92	12.64 0.25 -0.89	13.38 0.26 -1.20	17.33 0.42 -0.70	26.77 0.81 0.10	26.96 0.73 0.02	27.10 0.66 0.00	30.50 0.77 0.00	32.27 0.85 0.00	34.33 1.00 0.00	38.13 1.11 0.00	38.94 1.10 0.00	40.19 1.17 0.00	41.89 1.02 0.00	44.15 0.99 0.00	44.36 1.04 0.28	43.08 0.98 0.67	45.26 1.11 0.29	37.32 0.77 0.21	28.80 0.54 0.12	23.47 0.37 -0.21	21.24 0.41 -0.42
GOWANUS_GT1_1 24077	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT1_2 24078	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT1_3 24079	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT1_4 24080	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT1_5 24084	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT1_6 24111	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT1_7 24112	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT1_8 24113	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT2_1 24114	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT2_2 24115	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT2_3 24116	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT2_4 24117	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56



GOWANUS_GT2_5 24118	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT2_6 24119	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT2_7 24120	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT2_8 24121	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT3_1 24122	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT3_2 24123	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT3_3 24124	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT3_4 24125	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT3_5 24126	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT3_6 24127	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT3_7 24128	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT3_8 24129	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.69 5.35 -6.18	55.02 5.54 -5.89	54.32 5.30 -6.25	50.27 5.38 -0.46	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT4_1 24130	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT4_2 24131	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT4_3 24132	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56



GOWANUS_GT4_4 24133	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT4_5 24134	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT4_6 24135	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT4_7 24136	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GOWANUS_GT4_8 24137	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GREENIDGE___3 23582	20.73 0.38 -0.06	17.84 0.37 0.03	13.67 0.21 -0.58	12.28 0.22 -0.56	12.90 0.23 -0.76	17.09 0.45 -0.43	26.83 0.89 0.12	27.02 0.84 0.07	26.97 0.61 0.07	30.31 0.68 0.10	32.20 0.91 0.13	34.33 1.13 0.14	38.13 1.29 0.19	38.78 1.13 0.19	40.03 1.21 0.20	41.54 0.90 0.23	43.71 0.82 0.27	44.13 0.87 0.34	43.13 0.94 0.58	45.29 1.20 0.35	37.21 0.70 0.25	28.55 0.31 0.15	23.11 0.12 -0.10	20.92 0.26 -0.24
GREENIDGE___4 23583	20.73 0.38 -0.06	17.84 0.37 0.03	13.67 0.21 -0.58	12.28 0.22 -0.56	12.90 0.23 -0.76	17.09 0.45 -0.43	26.83 0.89 0.12	27.02 0.84 0.07	26.97 0.61 0.07	30.31 0.68 0.10	32.20 0.91 0.13	34.33 1.13 0.14	38.13 1.29 0.19	38.78 1.13 0.19	40.03 1.21 0.20	41.54 0.90 0.23	43.71 0.82 0.27	44.13 0.87 0.34	43.13 0.94 0.58	45.29 1.20 0.35	37.21 0.70 0.25	28.55 0.31 0.15	23.11 0.12 -0.10	20.92 0.26 -0.24
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
GROVEVILLE___HYD 323602	23.23 1.60 -1.33	18.86 1.37 0.00	21.49 0.94 -7.66	19.76 0.83 -7.43	22.78 0.85 -10.02	23.37 1.12 -6.05	28.35 2.29 0.00	29.20 2.31 -0.64	28.87 2.43 0.00	32.31 2.58 0.00	34.21 2.80 0.00	36.23 2.90 0.00	40.35 3.33 0.00	41.44 3.60 0.00	42.76 3.75 0.00	44.99 4.13 0.00	47.57 4.40 0.00	48.22 4.62 0.00	48.05 4.36 -0.92	48.88 4.44 0.00	40.40 3.64 0.00	31.17 2.78 0.00	27.36 2.10 -2.36	26.10 1.80 -3.88
HAMPSHIRE___PAPER_HYD 323593	18.14 -0.53 1.63	15.90 -0.51 1.10	12.48 -0.41 0.00	11.12 -0.38 0.00	11.57 -0.35 0.00	14.63 -0.40 1.17	21.04 -0.63 4.39	21.09 -0.68 4.48	-15.77 -0.40 41.81	-22.53 -0.06 52.19	-10.99 -0.41 42.00	-24.24 -0.37 57.21	-9.66 -0.48 46.20	-9.68 -0.49 47.03	-24.40 -0.47 62.96	-8.39 -0.53 48.73	16.91 -0.86 25.39	29.47 -1.27 12.86	29.24 -1.07 12.46	30.24 -0.94 13.27	26.24 -0.96 9.57	22.24 -0.60 5.55	19.53 -0.46 2.90	18.26 -0.45 1.71
HARDSCRABBLE_WT_PWR 323673	20.95 0.79 0.13	18.10 0.66 0.07	13.16 0.45 0.18	11.73 0.40 0.18	12.10 0.42 0.24	16.63 0.63 0.22	26.80 1.02 0.27	26.98 1.02 0.29	27.31 1.06 0.18	30.78 1.31 0.25	32.42 1.32 0.32	34.35 1.37 0.34	37.99 1.44 0.47	38.67 1.32 0.49	39.78 1.25 0.49	41.48 1.19 0.57	43.65 1.17 0.68	43.98 1.18 0.80	43.19 1.20 0.78	44.90 1.29 0.83	37.23 1.07 0.60	28.89 0.85 0.35	23.37 0.71 0.24	20.83 0.61 0.20
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.70 1.36 -1.05	18.65 1.15 0.00	19.71 0.79 -6.03	18.04 0.69 -5.85	20.52 0.72 -7.89	21.91 0.94 -4.76	28.07 2.01 0.00	28.80 2.05 -0.50	28.58 2.14 0.00	32.02 2.29 0.00	33.87 2.45 0.00	35.90 2.57 0.00	39.94 2.92 0.00	40.98 3.14 0.00	42.30 3.28 0.00	44.46 3.60 0.00	47.05 3.89 0.00	47.66 4.06 0.00	43.56 3.80 3.02	48.31 3.86 0.00	39.96 3.20 0.00	30.83 2.44 0.00	26.58 1.83 -1.86	25.07 1.59 -3.06
HARZA MOOSE___RIVER 24016	20.11 0.30 0.48	17.40 0.23 0.33	13.01 0.12 0.00	11.61 0.10 0.00	12.03 0.11 0.00	16.15 0.29 0.35	25.19 0.44 1.31	25.33 0.42 1.34	34.32 0.53 -7.35	39.68 1.01 -8.94	38.25 0.69 -6.15	43.38 0.83 -9.21	43.62 0.89 -5.72	44.45 0.91 -5.71	49.08 0.93 -9.12	47.09 0.90 -5.33	43.29 0.82 0.69	40.37 0.61 3.84	39.86 0.81 3.72	41.46 0.98 3.96	34.50 0.59 2.85	27.21 0.48 1.66	22.42 0.39 0.87	20.19 0.29 0.51
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.41 1.83 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.28 3.07 -13.77	43.80 3.33 -10.74	44.52 3.58 -9.52	45.31 3.70 -8.28	48.24 4.04 -7.19	49.80 4.20 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.80 5.04 -4.99	49.57 5.11 -0.02	45.75 4.34 -4.65	44.30 3.40 -12.51	43.25 2.59 -17.77	29.18 2.21 -6.56
HEMPSTEAD____ 23647	39.53 1.87 -17.37	36.05 1.63 -16.93	28.50 1.12 -14.48	27.44 1.00 -14.94	27.52 1.03 -14.57	33.67 1.38 -16.08	41.76 2.68 -13.01	42.93 2.86 -13.82	42.50 3.04 -13.03	44.06 3.36 -10.98	46.79 3.55 -11.82	49.11 3.67 -12.11	52.54 4.07 -11.46	53.66 4.27 -11.55	56.23 4.52 -12.68	62.31 4.86 -16.58	90.89 5.22 -42.51	90.77 5.41 -41.76	83.32 5.13 -35.42	83.29 5.20 -33.65	62.13 4.34 -21.03	51.98 3.35 -20.24	45.83 2.59 -20.35	40.55 2.23 -17.91



HICKLING___1 23621	20.97 0.59 -0.09	18.03 0.56 0.03	13.96 0.35 -0.73	12.57 0.36 -0.70	13.24 0.37 -0.95	17.37 0.62 -0.54	27.18 1.23 0.11	27.30 1.10 0.05	27.36 0.92 0.00	30.77 1.04 0.00	32.71 1.29 0.00	34.87 1.53 0.00	38.72 1.70 0.00	39.50 1.66 0.00	40.81 1.80 0.00	42.30 1.43 0.00	44.50 1.34 0.00	44.68 1.39 0.31	43.48 1.33 0.62	45.71 1.60 0.32	37.60 1.07 0.23	28.87 0.62 0.14	23.41 0.37 -0.15	21.23 0.49 -0.32
HICKLING___2 23622	20.97 0.59 -0.09	18.03 0.56 0.03	13.96 0.35 -0.73	12.57 0.36 -0.70	13.24 0.37 -0.95	17.37 0.62 -0.54	27.18 1.23 0.11	27.30 1.10 0.05	27.36 0.92 0.00	30.77 1.04 0.00	32.71 1.29 0.00	34.87 1.53 0.00	38.72 1.70 0.00	39.50 1.66 0.00	40.81 1.80 0.00	42.30 1.43 0.00	44.50 1.34 0.00	44.68 1.39 0.31	43.48 1.33 0.62	45.71 1.60 0.32	37.60 1.07 0.23	28.87 0.62 0.14	23.41 0.37 -0.15	21.23 0.49 -0.32
HIGH FALLS___HY 23754	22.87 1.34 -1.25	18.62 1.12 0.00	20.82 0.77 -7.16	19.13 0.69 -6.94	22.00 0.73 -9.36	22.83 0.97 -5.65	28.12 2.06 0.00	28.86 2.02 -0.60	28.55 2.12 0.00	31.98 2.26 0.00	33.81 2.39 0.00	35.90 2.57 0.00	39.98 2.96 0.00	41.02 3.18 0.00	42.30 3.28 0.00	44.50 3.64 0.00	47.05 3.89 0.00	47.66 4.06 0.00	47.01 3.85 -0.39	48.39 3.95 0.00	39.96 3.20 0.00	30.83 2.44 0.00	26.93 1.83 -2.20	25.61 1.57 -3.63
HILLBURN___GT 23639	22.78 1.40 -1.09	18.71 1.21 0.00	19.98 0.83 -6.27	18.30 0.73 -6.08	20.85 0.74 -8.19	22.14 0.99 -4.94	28.15 2.09 0.00	28.97 2.21 -0.52	28.76 2.33 0.00	32.25 2.53 0.00	34.12 2.70 0.00	36.16 2.83 0.00	40.16 3.14 0.00	41.17 3.33 0.00	42.53 3.51 0.00	44.71 3.84 0.00	47.26 4.10 0.00	47.92 4.32 0.00	43.55 4.02 3.24	48.53 4.09 0.00	40.14 3.38 0.00	31.03 2.64 0.00	26.81 1.99 -1.93	25.29 1.69 -3.18
HISHELDN_WT_PWR 323625	20.12 -0.22 -0.06	17.45 -0.02 0.03	13.36 -0.08 -0.55	12.03 0.00 -0.53	12.61 -0.02 -0.72	16.70 0.08 -0.40	26.21 0.26 0.11	26.05 -0.13 0.07	26.12 -0.32 0.00	29.34 -0.39 0.00	31.36 -0.06 0.00	33.57 0.23 0.00	37.31 0.29 0.00	38.03 0.19 0.00	39.45 0.43 0.00	40.74 -0.12 0.00	42.86 -0.30 0.00	42.89 -0.39 0.32	41.92 -0.30 0.55	44.11 0.00 0.33	35.97 -0.55 0.24	27.54 -0.71 0.14	22.25 -0.73 -0.09	20.38 -0.27 -0.23
HOLTSVILLE_IC_1 23690	39.69 2.03 -17.37	36.21 1.79 -16.93	28.64 1.26 -14.48	27.57 1.13 -14.93	27.66 1.17 -14.57	33.83 1.54 -16.08	42.04 2.97 -13.01	43.24 3.17 -13.82	42.85 3.38 -13.02	44.36 3.66 -10.97	47.01 3.77 -11.82	46.01 3.90 -8.78	47.97 4.22 -6.73	48.48 4.43 -6.21	50.34 4.60 -6.72	59.38 5.11 -13.41	65.29 5.48 -16.64	65.56 5.67 -16.29	83.61 5.43 -35.41	83.59 5.51 -33.64	55.92 4.59 -14.56	45.20 3.52 -13.29	40.57 2.91 -14.77	39.26 2.47 -16.37
HOLTSVILLE_IC_10 23699	39.83 2.17 -17.37	36.31 1.89 -16.93	28.73 1.35 -14.48	27.64 1.20 -14.93	27.72 1.23 -14.57	33.93 1.64 -16.08	42.25 3.18 -13.01	43.46 3.39 -13.82	43.06 3.59 -13.02	44.62 3.92 -10.97	47.30 4.05 -11.82	46.41 4.23 -8.85	48.51 4.66 -6.83	49.01 4.84 -6.32	50.94 5.07 -6.85	59.90 5.56 -13.47	66.35 6.00 -17.19	66.58 6.15 -16.83	84.08 5.90 -35.41	84.12 6.04 -33.64	56.50 5.04 -14.70	45.63 3.80 -13.44	40.90 3.11 -14.89	39.46 2.63 -16.41
HOLTSVILLE_IC_2 23691	39.69 2.03 -17.37	36.21 1.79 -16.93	28.64 1.26 -14.48	27.57 1.13 -14.93	27.66 1.17 -14.57	33.83 1.54 -16.08	42.04 2.97 -13.01	43.24 3.17 -13.82	42.85 3.38 -13.02	44.36 3.66 -10.97	47.01 3.77 -11.82	46.01 3.90 -8.78	47.97 4.22 -6.73	48.48 4.43 -6.21	50.34 4.60 -6.72	59.38 5.11 -13.41	65.29 5.48 -16.64	65.56 5.67 -16.29	83.61 5.43 -35.41	83.59 5.51 -33.64	55.92 4.59 -14.56	45.20 3.52 -13.29	40.57 2.91 -14.77	39.26 2.47 -16.37
HOLTSVILLE_IC_3 23692	39.69 2.03 -17.37	36.21 1.79 -16.93	28.64 1.26 -14.48	27.57 1.13 -14.93	27.66 1.17 -14.57	33.83 1.54 -16.08	42.04 2.97 -13.01	43.24 3.17 -13.82	42.85 3.38 -13.02	44.36 3.66 -10.97	47.01 3.77 -11.82	46.01 3.90 -8.78	47.97 4.22 -6.73	48.48 4.43 -6.21	50.34 4.60 -6.72	59.38 5.11 -13.41	65.29 5.48 -16.64	65.56 5.67 -16.29	83.61 5.43 -35.41	83.59 5.51 -33.64	55.92 4.59 -14.56	45.20 3.52 -13.29	40.57 2.91 -14.77	39.26 2.47 -16.37
HOLTSVILLE_IC_4 23693	39.69 2.03 -17.37	36.21 1.79 -16.93	28.64 1.26 -14.48	27.57 1.13 -14.93	27.66 1.17 -14.57	33.83 1.54 -16.08	42.04 2.97 -13.01	43.24 3.17 -13.82	42.85 3.38 -13.02	44.36 3.66 -10.97	47.01 3.77 -11.82	46.01 3.90 -8.78	47.97 4.22 -6.73	48.48 4.43 -6.21	50.34 4.60 -6.72	59.38 5.11 -13.41	65.29 5.48 -16.64	65.56 5.67 -16.29	83.61 5.43 -35.41	83.59 5.51 -33.64	55.92 4.59 -14.56	45.20 3.52 -13.29	40.57 2.91 -14.77	39.26 2.47 -16.37
HOLTSVILLE_IC_5 23694	39.69 2.03 -17.37	36.21 1.79 -16.93	28.64 1.26 -14.48	27.57 1.13 -14.93	27.66 1.17 -14.57	33.83 1.54 -16.08	42.04 2.97 -13.01	43.24 3.17 -13.82	42.85 3.38 -13.02	44.36 3.66 -10.97	47.01 3.77 -11.82	46.01 3.90 -8.78	47.97 4.22 -6.73	48.48 4.43 -6.21	50.34 4.60 -6.72	59.38 5.11 -13.41	65.29 5.48 -16.64	65.56 5.67 -16.29	83.61 5.43 -35.41	83.59 5.51 -33.64	55.92 4.59 -14.56	45.20 3.52 -13.29	40.57 2.91 -14.77	39.26 2.47 -16.37
HOLTSVILLE_IC_6 23695	39.83 2.17 -17.37	36.31 1.89 -16.93	28.73 1.35 -14.48	27.64 1.20 -14.93	27.72 1.23 -14.57	33.93 1.64 -16.08	42.25 3.18 -13.01	43.46 3.39 -13.82	43.06 3.59 -13.02	44.62 3.92 -10.97	47.30 4.05 -11.82	46.41 4.23 -8.85	48.51 4.66 -6.83	49.01 4.84 -6.32	50.94 5.07 -6.85	59.90 5.56 -13.47	66.35 6.00 -17.19	66.58 6.15 -16.83	84.08 5.90 -35.41	84.12 6.04 -33.64	56.50 5.04 -14.70	45.63 3.80 -13.44	40.90 3.11 -14.89	39.46 2.63 -16.41
HOLTSVILLE_IC_7 23696	39.83 2.17 -17.37	36.31 1.89 -16.93	28.73 1.35 -14.48	27.64 1.20 -14.93	27.72 1.23 -14.57	33.93 1.64 -16.08	42.25 3.18 -13.01	43.46 3.39 -13.82	43.06 3.59 -13.02	44.62 3.92 -10.97	47.30 4.05 -11.82	46.41 4.23 -8.85	48.51 4.66 -6.83	49.01 4.84 -6.32	50.94 5.07 -6.85	59.90 5.56 -13.47	66.35 6.00 -17.19	66.58 6.15 -16.83	84.08 5.90 -35.41	84.12 6.04 -33.64	56.50 5.04 -14.70	45.63 3.80 -13.44	40.90 3.11 -14.89	39.46 2.63 -16.41
HOLTSVILLE_IC_8 23697	39.83 2.17 -17.37	36.31 1.89 -16.93	28.73 1.35 -14.48	27.64 1.20 -14.93	27.72 1.23 -14.57	33.93 1.64 -16.08	42.25 3.18 -13.01	43.46 3.39 -13.82	43.06 3.59 -13.02	44.62 3.92 -10.97	47.30 4.05 -11.82	46.41 4.23 -8.85	48.51 4.66 -6.83	49.01 4.84 -6.32	50.94 5.07 -6.85	59.90 5.56 -13.47	66.35 6.00 -17.19	66.58 6.15 -16.83	84.08 5.90 -35.41	84.12 6.04 -33.64	56.50 5.04 -14.70	45.63 3.80 -13.44	40.90 3.11 -14.89	39.46 2.63 -16.41
HOLTSVILLE_IC_9 23698	39.83 2.17 -17.37	36.31 1.89 -16.93	28.73 1.35 -14.48	27.64 1.20 -14.93	27.72 1.23 -14.57	33.93 1.64 -16.08	42.25 3.18 -13.01	43.46 3.39 -13.82	43.06 3.59 -13.02	44.62 3.92 -10.97	47.30 4.05 -11.82	46.41 4.23 -8.85	48.51 4.66 -6.83	49.01 4.84 -6.32	50.94 5.07 -6.85	59.90 5.56 -13.47	66.35 6.00 -17.19	66.58 6.15 -16.83	84.08 5.90 -35.41	84.12 6.04 -33.64	56.50 5.04 -14.70	45.63 3.80 -13.44	40.90 3.11 -14.89	39.46 2.63 -16.41



HOWARD_WT_PWR 323690	20.70 0.34 -0.07	17.82 0.35 0.03	13.67 0.16 -0.62	12.28 0.17 -0.60	12.91 0.18 -0.81	17.08 0.41 -0.46	26.86 0.91 0.11	26.92 0.73 0.06	26.97 0.53 0.00	30.29 0.56 0.00	32.30 0.88 0.00	34.53 1.20 0.00	38.46 1.44 0.00	39.28 1.44 0.00	40.69 1.68 0.00	42.17 1.31 0.00	44.37 1.21 0.00	44.45 1.18 0.32	43.43 1.24 0.58	45.70 1.60 0.33	37.37 0.85 0.24	28.61 0.37 0.14	23.17 0.16 -0.11	21.09 0.41 -0.27
HQ_GEN_CEDARS 23644	16.39 -1.10 2.80	14.63 -0.98 1.89	12.19 -0.70 0.00	10.85 -0.66 0.00	11.27 -0.64 0.00	13.23 -0.96 2.02	17.12 -1.38 7.56	17.11 -1.42 7.72	3.76 -0.95 21.73	1.05 -0.95 27.73	5.31 -1.13 24.98	0.25 -1.20 31.88	5.56 -1.33 30.13	5.51 -1.36 30.97	-0.09 -1.44 37.67	5.79 -1.51 33.56	15.20 -1.64 26.32	18.52 -2.92 22.16	18.48 -2.82 21.47	18.79 -2.80 22.85	17.89 -2.39 16.48	17.38 -1.45 9.56	16.73 -1.17 5.00	16.45 -1.02 2.94
HQ_GEN_CEDARS_PROXY 323590	16.39 -1.10 2.80	14.63 -0.98 1.89	12.19 -0.70 0.00	10.85 -0.66 0.00	11.27 -0.64 0.00	13.23 -0.96 2.02	17.12 -1.38 7.56	17.11 -1.42 7.72	3.76 -0.95 21.73	1.05 -0.95 27.73	5.31 -1.13 24.98	0.25 -1.20 31.88	5.56 -1.33 30.13	5.51 -1.36 30.97	-0.09 -1.44 37.67	5.79 -1.51 33.56	15.20 -1.64 26.32	18.52 -2.92 22.16	18.48 -2.82 21.47	18.79 -2.80 22.85	17.89 -2.39 16.48	17.38 -1.45 9.56	16.73 -1.17 5.00	16.45 -1.02 2.94
HQ_GEN_IMPORT 323601	16.25 -0.79 3.25	14.63 -0.68 2.19	12.44 -0.45 0.00	11.09 -0.41 0.00	11.49 -0.43 0.00	13.22 -0.65 2.34	16.25 -1.04 8.77	16.25 -1.05 8.95	16.25 -0.98 9.21	16.25 -1.07 12.41	16.25 -1.16 14.01	16.25 -1.23 15.85	16.25 -1.37 19.40	16.25 -1.40 20.19	16.25 -1.44 21.33	16.25 -1.47 23.15	16.25 -1.55 25.36	16.25 -1.66 25.69	16.25 -1.63 24.89	16.25 -1.69 26.50	16.25 -1.40 19.12	16.25 -1.05 11.09	16.25 -0.85 5.80	16.25 -0.75 3.41
HQ_GEN_WHEEL 23651	16.25 -0.79 3.25	14.63 -0.68 2.19	12.44 -0.45 0.00	11.09 -0.41 0.00	11.49 -0.43 0.00	13.22 -0.65 2.34	16.25 -1.04 8.77	16.25 -1.05 8.95	16.25 -0.98 9.21	16.25 -1.07 12.41	16.25 -1.16 14.01	16.25 -1.23 15.85	16.25 -1.37 19.40	16.25 -1.40 20.19	16.25 -1.44 21.33	16.25 -1.47 23.15	16.25 -1.55 25.36	16.25 -1.66 25.69	16.25 -1.63 24.89	16.25 -1.69 26.50	16.25 -1.40 19.12	16.25 -1.05 11.09	16.25 -0.85 5.80	16.25 -0.75 3.41
HUDSON_AVE_GT_3 23810	23.30 1.72 -1.29	18.99 1.49 0.00	21.30 1.02 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.29 1.25 -5.84	28.61 2.56 0.00	35.51 2.78 -6.49	38.35 2.96 -8.95	41.08 3.24 -8.11	40.33 3.49 -5.42	44.22 3.63 -7.25	47.98 4.00 -6.97	49.60 4.24 -7.53	49.68 4.49 -6.18	52.66 4.86 -6.94	54.10 5.22 -5.72	54.39 5.36 -5.43	52.81 5.13 -4.91	49.65 5.20 -0.02	45.50 4.30 -4.44	41.18 3.32 -9.47	34.53 2.52 -9.12	29.05 2.16 -6.47
HUDSON_AVE_GT_4 23540	23.30 1.72 -1.29	18.99 1.49 0.00	21.30 1.02 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.29 1.25 -5.84	28.61 2.56 0.00	35.51 2.78 -6.49	38.35 2.96 -8.95	41.08 3.24 -8.11	40.33 3.49 -5.42	44.22 3.63 -7.25	47.98 4.00 -6.97	49.60 4.24 -7.53	49.68 4.49 -6.18	52.66 4.86 -6.94	54.10 5.22 -5.72	54.39 5.36 -5.43	52.81 5.13 -4.91	49.65 5.20 -0.02	45.50 4.30 -4.44	41.18 3.32 -9.47	34.53 2.52 -9.12	29.05 2.16 -6.47
HUDSON_AVE_GT_5 23657	23.30 1.72 -1.29	18.99 1.49 0.00	21.30 1.02 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.29 1.25 -5.84	28.61 2.56 0.00	35.51 2.78 -6.49	38.35 2.96 -8.95	41.08 3.24 -8.11	40.33 3.49 -5.42	44.22 3.63 -7.25	47.98 4.00 -6.97	49.60 4.24 -7.53	49.68 4.49 -6.18	52.66 4.86 -6.94	54.10 5.22 -5.72	54.39 5.36 -5.43	52.81 5.13 -4.91	49.65 5.20 -0.02	45.50 4.30 -4.44	41.18 3.32 -9.47	34.53 2.52 -9.12	29.05 2.16 -6.47
HUDSON_AVE_10 24168	23.22 1.64 -1.29	18.92 1.42 0.00	21.25 0.97 -7.40	19.53 0.85 -7.17	22.46 0.87 -9.67	23.21 1.17 -5.84	28.54 2.48 0.00	35.38 2.65 -6.49	35.82 2.80 -6.58	40.90 3.06 -8.11	37.86 3.30 -3.14	38.37 3.43 -1.61	47.76 3.78 -6.97	49.37 4.01 -7.53	49.41 4.22 -6.18	52.38 4.58 -6.94	53.80 4.92 -5.72	54.13 5.10 -5.43	52.55 4.87 -4.91	49.48 5.02 -0.02	44.75 4.08 -3.91	36.73 3.15 -5.19	34.41 2.40 -9.12	28.99 2.10 -6.47
HUNTER_MOUNT___DRP 323613	23.18 1.44 -1.45	18.78 1.28 0.00	22.12 0.89 -8.34	20.36 0.77 -8.09	23.64 0.82 -10.90	23.84 1.05 -6.58	28.09 2.03 0.00	28.81 1.86 -0.69	28.29 1.85 0.00	31.60 1.87 0.00	33.43 2.01 0.00	35.23 1.90 0.00	39.35 2.33 0.00	40.38 2.54 0.00	41.59 2.57 0.00	43.81 2.94 0.00	46.31 3.15 0.00	46.96 3.36 0.00	47.05 3.25 -1.04	47.82 3.38 0.00	39.45 2.68 0.00	30.37 1.99 0.00	27.00 1.53 -2.57	25.95 1.31 -4.23
HUNTINGTON_RES_REC 323705	39.69 2.03 -17.37	36.19 1.77 -16.93	28.61 1.24 -14.48	27.53 1.09 -14.93	27.61 1.12 -14.57	33.80 1.51 -16.08	41.94 2.87 -13.01	43.11 3.04 -13.82	42.69 3.22 -13.02	44.21 3.51 -10.97	46.88 3.64 -11.82	45.98 3.80 -8.85	48.00 4.14 -6.84	48.56 4.39 -6.33	50.44 4.56 -6.86	59.25 4.90 -13.48	65.65 5.26 -17.23	65.96 5.49 -16.87	83.39 5.22 -35.41	83.36 5.29 -33.64	55.88 4.41 -14.71	45.30 3.46 -13.45	40.56 2.77 -14.90	39.19 2.37 -16.41
HUNTLEY___63 23557	20.05 -0.28 -0.05	17.45 -0.02 0.03	13.33 -0.05 -0.49	12.02 0.03 -0.48	12.58 0.01 -0.65	16.69 0.11 -0.36	26.21 0.26 0.11	25.91 -0.26 0.07	25.99 -0.45 0.00	29.16 -0.57 0.00	31.23 -0.19 0.00	33.47 0.13 0.00	37.09 0.07 0.00	37.69 -0.15 0.00	39.14 0.12 0.00	40.38 -0.49 0.00	42.47 -0.69 0.00	42.36 -0.92 0.32	41.51 -0.73 0.53	43.71 -0.40 0.33	35.49 -1.03 0.24	27.11 -1.14 0.14	21.90 -1.08 -0.08	20.15 -0.47 -0.21
HUNTLEY___64 23558	20.05 -0.28 -0.05	17.45 -0.02 0.03	13.33 -0.05 -0.49	12.02 0.03 -0.48	12.58 0.01 -0.65	16.69 0.11 -0.36	26.21 0.26 0.11	25.91 -0.26 0.07	25.99 -0.45 0.00	29.16 -0.57 0.00	31.23 -0.19 0.00	33.47 0.13 0.00	37.09 0.07 0.00	37.69 -0.15 0.00	39.14 0.12 0.00	40.38 -0.49 0.00	42.47 -0.69 0.00	42.36 -0.92 0.32	41.51 -0.73 0.53	43.71 -0.40 0.33	35.49 -1.03 0.24	27.11 -1.14 0.14	21.90 -1.08 -0.08	20.15 -0.47 -0.21
HUNTLEY___65 23559	20.05 -0.28 -0.05	17.45 -0.02 0.03	13.33 -0.05 -0.49	12.02 0.03 -0.48	12.58 0.01 -0.65	16.69 0.11 -0.36	26.21 0.26 0.11	25.91 -0.26 0.07	25.99 -0.45 0.00	29.16 -0.57 0.00	31.23 -0.19 0.00	33.47 0.13 0.00	37.09 0.07 0.00	37.69 -0.15 0.00	39.14 0.12 0.00	40.38 -0.49 0.00	42.47 -0.69 0.00	42.36 -0.92 0.32	41.51 -0.73 0.53	43.71 -0.40 0.33	35.49 -1.03 0.24	27.11 -1.14 0.14	21.90 -1.08 -0.08	20.15 -0.47 -0.21
HUNTLEY___66 23560	20.05 -0.28 -0.05	17.45 -0.02 0.03	13.33 -0.05 -0.49	12.02 0.03 -0.48	12.58 0.01 -0.65	16.69 0.11 -0.36	26.21 0.26 0.11	25.91 -0.26 0.07	25.99 -0.45 0.00	29.16 -0.57 0.00	31.23 -0.19 0.00	33.47 0.13 0.00	37.09 0.07 0.00	37.69 -0.15 0.00	39.14 0.12 0.00	40.38 -0.49 0.00	42.47 -0.69 0.00	42.36 -0.92 0.32	41.51 -0.73 0.53	43.71 -0.40 0.33	35.49 -1.03 0.24	27.11 -1.14 0.14	21.90 -1.08 -0.08	20.15 -0.47 -0.21



HUNTLEY___67 23561	19.85 -0.49 -0.05	17.26 -0.21 0.03	13.20 -0.19 -0.50	11.90 -0.09 -0.49	12.45 -0.12 -0.66	16.50 -0.08 -0.37	25.92 -0.03 0.11	25.68 -0.50 0.07	25.72 -0.71 0.00	28.89 -0.83 0.00	30.88 -0.53 0.00	33.06 -0.27 0.00	36.68 -0.33 0.00	37.31 -0.53 0.00	38.70 -0.31 0.00	39.97 -0.90 0.00	42.04 -1.12 0.00	41.97 -1.31 0.32	41.09 -1.15 0.53	43.22 -0.89 0.33	35.24 -1.29 0.24	26.94 -1.31 0.14	21.76 -1.21 -0.08	19.97 -0.65 -0.21
HUNTLEY___68 23562	19.85 -0.49 -0.05	17.26 -0.21 0.03	13.20 -0.19 -0.50	11.90 -0.09 -0.49	12.45 -0.12 -0.66	16.50 -0.08 -0.37	25.92 -0.03 0.11	25.68 -0.50 0.07	25.72 -0.71 0.00	28.89 -0.83 0.00	30.88 -0.53 0.00	33.06 -0.27 0.00	36.68 -0.33 0.00	37.31 -0.53 0.00	38.70 -0.31 0.00	39.97 -0.90 0.00	42.04 -1.12 0.00	41.97 -1.31 0.32	41.09 -1.15 0.53	43.22 -0.89 0.33	35.24 -1.29 0.24	26.94 -1.31 0.14	21.76 -1.21 -0.08	19.97 -0.65 -0.21
HYLAND___LFGE 323620	20.97 0.63 -0.05	18.10 0.63 0.03	13.78 0.36 -0.53	12.39 0.38 -0.51	13.01 0.41 -0.69	17.29 0.70 -0.39	26.42 0.47 0.11	26.83 0.66 0.07	26.60 0.16 0.00	29.85 0.12 0.00	31.86 0.44 0.00	34.10 0.77 0.00	37.87 0.85 0.00	38.11 0.27 0.00	39.25 0.24 0.00	40.78 -0.08 0.00	42.99 -0.17 0.00	43.06 -0.22 0.33	42.31 0.09 0.54	44.68 0.58 0.34	36.41 -0.11 0.24	27.88 -0.37 0.14	23.21 0.23 -0.09	21.10 0.47 -0.22
INDECK___CORINTH 23802	23.32 1.28 -1.75	18.63 1.15 0.03	23.94 0.79 -10.26	22.20 0.75 -9.95	26.10 0.76 -13.42	25.38 1.10 -8.07	28.01 2.06 0.11	29.27 2.28 -0.74	28.53 2.17 0.08	32.06 2.44 0.11	33.61 2.32 0.13	35.69 2.50 0.14	39.71 2.89 0.20	40.32 2.69 0.21	41.54 2.73 0.21	43.53 2.90 0.24	45.98 3.11 0.29	46.43 3.14 0.32	46.91 3.34 -0.80	47.54 3.42 0.33	39.58 3.05 0.23	30.47 2.22 0.14	27.77 1.79 -3.09	26.86 1.29 -5.16
INDECK___ILION 23567	20.66 0.51 0.13	17.85 0.42 0.07	12.99 0.28 0.18	11.59 0.26 0.18	11.94 0.26 0.24	16.40 0.41 0.22	26.44 0.65 0.27	26.61 0.66 0.29	26.92 0.66 0.18	30.27 0.80 0.25	31.91 0.82 0.32	33.85 0.87 0.34	37.47 0.93 0.47	38.26 0.91 0.49	39.43 0.90 0.49	41.19 0.90 0.57	43.39 0.91 0.68	43.72 0.92 0.80	42.93 0.94 0.78	44.64 1.02 0.83	36.98 0.81 0.60	28.69 0.65 0.35	23.18 0.53 0.24	20.67 0.45 0.20
INDECK___OLEAN 23982	20.80 0.45 -0.06	18.02 0.54 0.03	13.81 0.33 -0.58	12.44 0.37 -0.56	13.05 0.37 -0.76	17.26 0.62 -0.43	27.33 1.38 0.11	27.31 1.13 0.06	27.52 1.08 0.00	30.86 1.13 0.00	32.86 1.45 0.00	35.16 1.83 0.00	39.01 2.00 0.00	39.58 1.74 0.00	41.08 2.07 0.00	42.34 1.47 0.00	44.46 1.29 0.00	44.55 1.27 0.32	43.32 1.11 0.56	45.58 1.46 0.33	37.30 0.77 0.24	28.59 0.34 0.14	23.07 0.07 -0.11	21.07 0.41 -0.25
INDECK___OSWEGO 23783	20.17 -0.04 0.08	17.37 -0.05 0.08	13.02 -0.06 -0.19	11.65 -0.05 -0.19	12.13 -0.05 -0.25	16.28 0.00 -0.07	25.54 -0.21 0.31	25.68 -0.26 0.30	27.81 -0.37 -1.74	31.49 -0.36 -2.12	32.21 -0.66 -1.46	34.85 -0.67 -2.18	37.63 -0.74 -1.35	38.36 -0.83 -1.35	40.32 -0.86 -2.16	41.14 -0.98 -1.26	41.92 -1.08 0.17	41.64 -1.05 0.91	40.90 -0.98 0.88	42.57 -0.94 0.94	35.24 -0.84 0.68	27.57 -0.43 0.39	22.47 -0.27 0.15	20.21 -0.18 0.02
INDECK___YERKES 23781	20.07 -0.26 -0.05	17.47 0.00 0.03	13.35 -0.04 -0.49	12.03 0.05 -0.48	12.59 0.02 -0.65	16.70 0.13 -0.36	26.24 0.29 0.11	25.94 -0.24 0.07	26.01 -0.42 0.00	29.22 -0.51 0.00	31.26 -0.16 0.00	33.50 0.17 0.00	37.13 0.11 0.00	37.76 -0.08 0.00	39.21 0.20 0.00	40.42 -0.45 0.00	42.52 -0.65 0.00	42.41 -0.87 0.32	41.56 -0.69 0.53	43.75 -0.36 0.33	35.57 -0.96 0.24	27.14 -1.11 0.14	21.92 -1.05 -0.08	20.17 -0.45 -0.21
INDIAN POINT_GT_1 24139	22.91 1.38 -1.24	18.69 1.19 0.00	20.83 0.81 -7.12	19.14 0.73 -6.91	21.97 0.74 -9.31	22.82 0.99 -5.62	28.12 2.06 0.00	29.05 2.21 -0.59	28.84 2.41 0.00	32.34 2.62 0.00	34.21 2.80 0.00	36.23 2.90 0.00	40.24 3.22 0.00	41.28 3.44 0.00	42.65 3.63 0.00	44.83 3.96 0.00	47.44 4.27 0.00	48.05 4.45 0.00	48.35 4.19 -1.39	48.62 4.18 0.00	40.26 3.49 0.00	31.11 2.73 0.00	27.13 2.04 -2.19	25.74 1.72 -3.61
INDIAN POINT_GT_2 23659	22.91 1.38 -1.24	18.69 1.19 0.00	20.83 0.81 -7.12	19.14 0.73 -6.91	21.97 0.74 -9.31	22.82 0.99 -5.62	28.12 2.06 0.00	29.05 2.21 -0.59	28.84 2.41 0.00	32.34 2.62 0.00	34.21 2.80 0.00	36.23 2.90 0.00	40.24 3.22 0.00	41.28 3.44 0.00	42.65 3.63 0.00	44.83 3.96 0.00	47.44 4.27 0.00	48.05 4.45 0.00	48.35 4.19 -1.39	48.62 4.18 0.00	40.26 3.49 0.00	31.11 2.73 0.00	27.13 2.04 -2.19	25.74 1.72 -3.61
INDIAN POINT_GT_3 24019	22.91 1.38 -1.24	18.69 1.19 0.00	20.83 0.81 -7.12	19.14 0.73 -6.91	21.97 0.74 -9.31	22.82 0.99 -5.62	28.12 2.06 0.00	29.05 2.21 -0.59	28.84 2.41 0.00	32.34 2.62 0.00	34.21 2.80 0.00	36.23 2.90 0.00	40.24 3.22 0.00	41.28 3.44 0.00	42.65 3.63 0.00	44.83 3.96 0.00	47.44 4.27 0.00	48.05 4.45 0.00	48.35 4.19 -1.39	48.62 4.18 0.00	40.26 3.49 0.00	31.11 2.73 0.00	27.13 2.04 -2.19	25.74 1.72 -3.61
INDIAN POINT___2 23530	22.80 1.32 -1.19	18.64 1.14 0.00	20.49 0.77 -6.83	18.80 0.68 -6.62	21.54 0.70 -8.92	22.54 0.94 -5.38	28.04 1.98 0.00	28.94 2.13 -0.57	28.71 2.27 0.00	32.19 2.47 0.00	34.06 2.64 0.00	36.10 2.77 0.00	40.05 3.04 0.00	41.09 3.25 0.00	42.45 3.43 0.00	44.62 3.76 0.00	47.22 4.06 0.00	47.79 4.19 0.00	45.71 3.93 0.99	48.39 3.95 0.00	40.11 3.35 0.00	30.97 2.58 0.00	26.92 1.92 -2.10	25.53 1.65 -3.46
INDIAN POINT___3 23531	22.85 1.32 -1.24	18.64 1.14 0.00	20.79 0.77 -7.13	19.11 0.69 -6.91	21.94 0.70 -9.32	22.77 0.94 -5.62	28.04 1.98 0.00	28.97 2.13 -0.59	28.71 2.27 0.00	32.19 2.47 0.00	34.06 2.64 0.00	36.10 2.77 0.00	40.05 3.04 0.00	41.09 3.25 0.00	42.45 3.43 0.00	44.62 3.76 0.00	47.18 4.01 0.00	47.79 4.19 0.00	40.34 3.93 6.36	48.39 3.95 0.00	40.07 3.31 0.00	30.97 2.58 0.00	27.03 1.94 -2.20	25.68 1.65 -3.61
IP CORINTH___1 23988	23.44 1.40 -1.75	18.73 1.26 0.03	24.02 0.86 -10.26	22.27 0.82 -9.95	26.17 0.83 -13.42	25.48 1.20 -8.07	28.17 2.21 0.11	29.43 2.44 -0.74	28.69 2.33 0.08	32.24 2.62 0.11	33.77 2.48 0.13	35.89 2.70 0.14	39.93 3.11 0.20	40.55 2.91 0.21	41.78 2.96 0.21	43.73 3.10 0.24	46.24 3.37 0.29	46.69 3.40 0.32	47.16 3.59 -0.80	47.76 3.64 0.33	39.80 3.27 0.23	30.63 2.38 0.14	27.91 1.92 -3.09	26.96 1.39 -5.16
IP___TICONDEROGA 23804	24.62 2.60 -1.73	19.74 2.24 0.00	24.43 1.60 -9.94	22.59 1.45 -9.63	26.40 1.49 -12.99	26.12 2.08 -7.84	29.84 3.78 0.00	31.04 3.96 -0.83	30.43 3.99 0.00	34.18 4.46 0.00	36.07 4.65 0.00	38.30 4.97 0.00	42.57 5.55 0.00	43.44 5.60 0.00	44.83 5.81 0.00	46.99 6.13 0.00	49.72 6.56 0.00	50.31 6.71 0.00	50.72 6.67 -1.28	51.28 6.84 0.00	42.50 5.73 0.00	32.67 4.29 0.00	29.32 3.37 -3.06	28.23 2.78 -5.04



ISLIP_RES_REC 323679	39.95 2.29 -17.37	36.40 1.98 -16.93	28.79 1.42 -14.48	27.69 1.25 -14.93	27.78 1.29 -14.57	33.99 1.70 -16.08	42.41 3.34 -13.01	43.64 3.57 -13.82	43.24 3.78 -13.02	44.86 4.16 -10.97	47.58 4.34 -11.82	46.83 4.60 -8.89	48.95 5.03 -6.90	49.50 5.26 -6.40	51.45 5.50 -6.93	60.43 6.05 -13.52	67.19 6.47 -17.55	67.41 6.62 -17.19	84.55 6.37 -35.41	84.61 6.54 -33.64	56.96 5.41 -14.79	46.01 4.09 -13.54	41.16 3.30 -14.97	39.64 2.80 -16.43
JARVIS____ 23743	20.32 0.16 0.13	17.57 0.14 0.07	12.80 0.09 0.18	11.41 0.08 0.18	11.76 0.08 0.24	16.12 0.13 0.22	25.99 0.21 0.27	26.16 0.21 0.29	26.46 0.21 0.18	29.74 0.27 0.25	31.35 0.25 0.32	33.25 0.27 0.34	36.84 0.29 0.47	37.65 0.30 0.49	38.84 0.31 0.49	40.62 0.33 0.57	42.82 0.34 0.68	43.15 0.35 0.80	42.38 0.38 0.78	44.01 0.40 0.83	36.50 0.33 0.60	28.30 0.25 0.35	22.86 0.21 0.24	20.38 0.16 0.20
JENNISON____1 23625	21.47 1.01 -0.17	18.36 0.86 0.00	14.39 0.54 -0.96	12.92 0.49 -0.93	13.68 0.51 -1.25	17.86 0.89 -0.75	27.65 1.59 0.00	27.82 1.50 -0.08	28.08 1.64 0.00	32.07 2.35 0.00	33.58 2.17 0.00	35.80 2.47 0.00	39.72 2.70 0.00	40.57 2.73 0.00	41.87 2.85 0.00	43.56 2.70 0.00	45.79 2.63 0.00	45.99 2.70 0.32	44.97 2.87 0.66	47.27 3.16 0.33	38.77 2.24 0.23	29.84 1.59 0.14	24.29 1.21 -0.18	21.85 1.06 -0.37
JENNISON____2 23626	21.47 1.01 -0.17	18.36 0.86 0.00	14.39 0.54 -0.96	12.92 0.49 -0.93	13.68 0.51 -1.25	17.86 0.89 -0.75	27.65 1.59 0.00	27.82 1.50 -0.08	28.08 1.64 0.00	32.07 2.35 0.00	33.58 2.17 0.00	35.80 2.47 0.00	39.72 2.70 0.00	40.57 2.73 0.00	41.87 2.85 0.00	43.56 2.70 0.00	45.79 2.63 0.00	45.99 2.70 0.32	44.97 2.87 0.66	47.27 3.16 0.33	38.77 2.24 0.23	29.84 1.59 0.14	24.29 1.21 -0.18	21.85 1.06 -0.37
JERICHO_RISE_WT_PWR 323719	16.23 -1.14 2.92	14.46 -1.07 1.97	12.08 -0.81 0.00	10.69 -0.82 0.00	11.02 -0.89 0.00	12.71 -1.39 2.11	16.08 -2.09 7.89	15.93 -2.26 8.06	5.14 -1.69 19.60	2.74 -1.84 25.14	6.19 -2.04 23.19	1.99 -2.13 29.21	6.25 -2.33 28.43	6.15 -2.42 29.27	1.49 -2.54 35.00	6.29 -2.62 31.96	14.41 -2.33 26.42	17.89 -2.57 23.14	17.92 -2.44 22.42	18.31 -2.26 23.87	17.68 -1.87 17.21	16.59 -1.82 9.98	16.28 -1.40 5.22	16.24 -1.10 3.07
KEDC_PORT_JEFF_GT2 24210	39.81 2.15 -17.37	36.30 1.87 -16.93	28.70 1.33 -14.48	27.62 1.19 -14.93	27.71 1.22 -14.57	33.89 1.61 -16.08	42.20 3.13 -13.01	43.40 3.33 -13.82	42.98 3.52 -13.02	44.54 3.84 -10.97	47.17 3.93 -11.82	46.25 4.10 -8.82	48.32 4.51 -6.79	48.85 4.73 -6.28	50.62 4.80 -6.80	59.59 5.27 -13.45	65.84 5.70 -16.98	66.11 5.88 -16.62	83.82 5.64 -35.41	83.81 5.74 -33.64	56.22 4.81 -14.65	45.52 3.75 -13.38	40.81 3.07 -14.84	39.42 2.61 -16.39
KEDC_PORT_JEFF_GT3 24211	39.81 2.15 -17.37	36.30 1.87 -16.93	28.70 1.33 -14.48	27.62 1.19 -14.93	27.71 1.22 -14.57	33.89 1.61 -16.08	42.20 3.13 -13.01	43.40 3.33 -13.82	42.98 3.52 -13.02	44.54 3.84 -10.97	47.17 3.93 -11.82	46.25 4.10 -8.82	48.32 4.51 -6.79	48.85 4.73 -6.28	50.62 4.80 -6.80	59.59 5.27 -13.45	65.84 5.70 -16.98	66.11 5.88 -16.62	83.82 5.64 -35.41	83.81 5.74 -33.64	56.22 4.81 -14.65	45.52 3.75 -13.38	40.81 3.07 -14.84	39.42 2.61 -16.39
KEDC_GLWD_GT4 24219	39.51 1.85 -17.37	36.02 1.59 -16.93	28.48 1.11 -14.48	27.42 0.98 -14.94	27.49 1.00 -14.57	33.65 1.36 -16.08	41.76 2.68 -13.01	42.93 2.86 -13.82	42.53 3.07 -13.03	44.09 3.39 -10.98	46.79 3.55 -11.82	48.82 3.70 -11.79	52.12 4.11 -10.99	53.22 4.35 -11.03	55.68 4.56 -12.10	62.08 4.94 -16.27	88.45 5.31 -39.98	88.37 5.49 -39.28	83.40 5.22 -35.42	83.33 5.24 -33.65	61.25 4.37 -20.11	51.30 3.35 -19.57	45.00 2.54 -19.56	40.35 2.25 -17.69
KEDC_GLWD_GT5 24220	39.51 1.85 -17.37	36.02 1.59 -16.93	28.48 1.11 -14.48	27.42 0.98 -14.94	27.49 1.00 -14.57	33.65 1.36 -16.08	41.76 2.68 -13.01	42.93 2.86 -13.82	42.53 3.07 -13.03	44.09 3.39 -10.98	46.79 3.55 -11.82	48.82 3.70 -11.79	52.12 4.11 -10.99	53.22 4.35 -11.03	55.68 4.56 -12.10	62.08 4.94 -16.27	88.45 5.31 -39.98	88.37 5.49 -39.28	83.40 5.22 -35.42	83.33 5.24 -33.65	61.25 4.37 -20.11	51.30 3.35 -19.57	45.00 2.54 -19.56	40.35 2.25 -17.69
KENSICO____ 23655	23.07 1.50 -1.28	18.79 1.29 0.00	21.11 0.89 -7.33	19.39 0.78 -7.11	22.31 0.81 -9.58	23.08 1.09 -5.78	28.27 2.21 0.00	29.27 2.41 -0.61	29.05 2.62 0.00	32.58 2.85 0.00	34.50 3.08 0.00	36.53 3.20 0.00	40.53 3.52 0.00	41.59 3.75 0.00	42.96 3.94 0.00	45.20 4.33 0.00	47.82 4.66 0.00	48.44 4.84 0.00	49.77 4.58 -2.43	49.02 4.58 0.00	40.59 3.82 0.00	31.31 2.92 0.00	27.35 2.20 -2.26	26.01 1.88 -3.72
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.79 1.38 -1.12	18.64 1.14 0.00	20.11 0.79 -6.44	18.45 0.70 -6.24	21.09 0.75 -8.42	22.29 1.01 -5.08	28.20 2.14 0.00	28.88 2.10 -0.54	28.61 2.17 0.00	32.05 2.32 0.00	33.87 2.45 0.00	35.93 2.60 0.00	40.05 3.04 0.00	41.09 3.25 0.00	42.37 3.36 0.00	44.55 3.68 0.00	47.09 3.93 0.00	47.74 4.14 0.00	46.70 3.93 0.00	48.48 4.04 0.00	40.03 3.27 0.00	30.88 2.50 0.00	26.73 1.85 -1.98	25.27 1.59 -3.26
KIAC_JFK_GT1 23816	23.20 1.62 -1.29	18.88 1.38 0.00	21.22 0.93 -7.40	19.48 0.81 -7.17	22.41 0.82 -9.67	23.16 1.12 -5.84	28.51 2.45 0.00	35.28 2.55 -6.49	35.69 2.67 -6.58	40.75 2.91 -8.11	37.67 3.11 -3.14	38.07 3.13 -1.61	47.43 3.44 -6.97	49.04 3.67 -7.53	49.06 3.86 -6.18	52.01 4.21 -6.94	53.41 4.53 -5.72	53.70 4.67 -5.43	52.26 4.58 -4.91	49.30 4.84 -0.02	44.46 3.79 -3.91	36.50 2.92 -5.19	34.35 2.34 -9.12	28.97 2.08 -6.47
KIAC_JFK_GT2 23817	23.20 1.62 -1.29	18.88 1.38 0.00	21.22 0.93 -7.40	19.48 0.81 -7.17	22.41 0.82 -9.67	23.16 1.12 -5.84	28.51 2.45 0.00	35.28 2.55 -6.49	35.69 2.67 -6.58	40.75 2.91 -8.11	37.67 3.11 -3.14	38.07 3.13 -1.61	47.43 3.44 -6.97	49.04 3.67 -7.53	49.06 3.86 -6.18	52.01 4.21 -6.94	53.41 4.53 -5.72	53.70 4.67 -5.43	52.26 4.58 -4.91	49.30 4.84 -0.02	44.46 3.79 -3.91	36.50 2.92 -5.19	34.35 2.34 -9.12	28.97 2.08 -6.47
KINTIGH____ 23543	19.74 -0.59 -0.04	17.14 -0.33 0.03	13.03 -0.30 -0.44	11.74 -0.18 -0.42	12.28 -0.20 -0.57	16.30 -0.23 -0.31	25.61 -0.34 0.11	25.49 -0.68 0.08	25.49 -0.95 0.00	28.63 -1.10 0.00	30.54 -0.88 0.00	32.67 -0.67 0.00	36.24 -0.78 0.00	36.74 -1.10 0.00	38.04 -0.97 0.00	39.40 -1.47 0.00	41.48 -1.68 0.00	41.45 -1.83 0.32	40.60 -1.67 0.50	42.68 -1.42 0.33	34.91 -1.62 0.24	26.77 -1.48 0.14	21.65 -1.30 -0.06	19.75 -0.84 -0.18
LEDERLE____ 23769	22.90 1.48 -1.13	18.76 1.26 0.00	20.23 0.86 -6.48	18.55 0.77 -6.28	21.17 0.79 -8.46	22.37 1.05 -5.11	28.25 2.19 0.00	29.07 2.28 -0.54	28.87 2.43 0.00	32.34 2.62 0.00	34.21 2.80 0.00	36.27 2.93 0.00	40.27 3.26 0.00	41.32 3.48 0.00	42.68 3.67 0.00	44.83 3.96 0.00	47.44 4.27 0.00	48.05 4.45 0.00	43.28 4.19 3.68	48.67 4.22 0.00	40.29 3.53 0.00	31.11 2.73 0.00	26.95 2.06 -1.99	25.47 1.78 -3.28



LINDEN COGEN____ 23786	23.18 1.60 -1.29	18.90 1.40 0.00	21.23 0.94 -7.40	19.51 0.84 -7.17	22.45 0.86 -9.67	23.18 1.13 -5.84	28.46 2.40 0.00	35.36 2.62 -6.49	38.49 2.78 -9.28	40.47 3.00 -7.74	40.36 3.21 -5.74	40.91 3.33 -4.25	42.88 3.67 -2.19	46.96 3.90 -5.22	49.33 4.13 -6.18	52.30 4.50 -6.94	52.67 4.83 -4.68	52.90 4.97 -4.33	47.63 4.75 -0.12	47.54 4.76 1.66	45.28 4.01 -4.51	41.54 3.09 -10.06	34.39 2.38 -9.12	28.93 2.04 -6.47
LIPA_MISC_IPP 23656	39.83 2.17 -17.37	36.31 1.89 -16.93	28.73 1.35 -14.48	27.65 1.21 -14.93	27.73 1.24 -14.57	33.91 1.62 -16.08	42.25 3.18 -13.01	43.46 3.39 -13.82	43.06 3.59 -13.02	44.65 3.95 -10.97	47.36 4.11 -11.82	46.42 4.30 -8.79	48.50 4.74 -6.75	49.03 4.96 -6.23	50.95 5.19 -6.74	60.00 5.72 -13.42	66.07 6.17 -16.73	66.35 6.37 -16.38	84.29 6.12 -35.41	84.35 6.27 -33.64	56.53 5.18 -14.59	45.59 3.89 -13.32	40.85 3.16 -14.79	39.47 2.67 -16.38
LISF__SOLAR 323691	39.87 2.21 -17.37	36.35 1.92 -16.93	28.75 1.38 -14.48	27.66 1.22 -14.93	27.75 1.26 -14.57	33.94 1.65 -16.08	42.30 3.23 -13.01	43.53 3.46 -13.82	43.14 3.67 -13.02	44.71 4.01 -10.97	47.45 4.21 -11.82	46.56 4.43 -8.80	48.66 4.89 -6.76	49.16 5.07 -6.25	51.13 5.35 -6.76	60.22 5.92 -13.43	66.32 6.35 -16.81	66.59 6.54 -16.46	84.46 6.29 -35.41	84.52 6.44 -33.64	56.70 5.33 -14.60	45.70 3.97 -13.34	40.93 3.23 -14.81	39.54 2.74 -16.38
LITTLE FALLS____HYD 24013	21.11 0.95 0.13	18.24 0.81 0.07	13.27 0.57 0.18	11.83 0.51 0.18	12.20 0.52 0.24	16.76 0.76 0.22	27.04 1.25 0.27	27.21 1.26 0.29	27.52 1.27 0.18	30.99 1.52 0.25	32.64 1.54 0.32	34.62 1.63 0.34	38.29 1.74 0.47	39.01 1.66 0.49	40.17 1.64 0.49	41.89 1.59 0.57	44.08 1.60 0.68	44.41 1.61 0.80	43.62 1.62 0.78	45.35 1.73 0.83	37.64 1.47 0.60	29.18 1.14 0.35	23.60 0.94 0.24	21.03 0.82 0.20
LI_NEWBRDGE____DRP 323616	39.51 1.85 -17.37	36.03 1.61 -16.93	28.49 1.12 -14.48	27.43 0.99 -14.93	27.51 1.03 -14.57	33.65 1.36 -16.08	41.73 2.66 -13.01	42.90 2.84 -13.82	42.47 3.01 -13.02	43.97 3.27 -10.97	46.67 3.43 -11.82	45.02 3.50 -8.19	46.76 3.85 -5.90	47.20 4.09 -5.27	48.98 4.29 -5.67	58.33 4.62 -12.85	60.25 5.00 -12.09	60.54 5.14 -11.80	83.09 4.92 -35.40	83.05 4.98 -33.63	54.36 4.15 -13.44	43.66 3.21 -12.07	39.26 2.56 -13.81	38.71 2.19 -16.11
LONG_LAKE_PHOENIX 24014	20.34 0.10 0.05	17.51 0.07 0.06	13.10 0.01 -0.20	11.72 0.02 -0.20	12.22 0.04 -0.26	16.40 0.10 -0.10	25.82 0.00 0.24	25.99 -0.03 0.23	27.61 -0.13 -1.30	31.19 -0.12 -1.58	32.35 -0.16 -1.08	34.86 -0.10 -1.63	37.91 -0.11 -1.00	38.65 -0.19 -1.00	40.43 -0.19 -1.61	41.47 -0.33 -0.93	42.63 -0.39 0.14	42.50 -0.39 0.70	41.79 -0.30 0.68	43.45 -0.27 0.72	35.95 -0.30 0.52	27.85 -0.23 0.30	22.66 -0.14 0.10	20.36 -0.06 -0.01
LOVETT____3 23632	22.77 1.34 -1.14	18.65 1.15 0.00	20.25 0.79 -6.57	18.58 0.70 -6.37	21.23 0.72 -8.59	22.35 0.96 -5.19	28.07 2.01 0.00	28.92 2.13 -0.55	28.71 2.27 0.00	32.16 2.44 0.00	34.02 2.61 0.00	36.07 2.73 0.00	40.01 3.00 0.00	41.05 3.21 0.00	42.41 3.39 0.00	44.55 3.68 0.00	47.13 3.97 0.00	47.74 4.14 0.00	42.70 3.89 3.96	48.35 3.91 0.00	40.03 3.27 0.00	30.94 2.56 0.00	26.86 1.94 -2.02	25.40 1.65 -3.33
LOVETT____4 23642	22.77 1.34 -1.14	18.65 1.15 0.00	20.25 0.79 -6.57	18.58 0.70 -6.37	21.23 0.72 -8.59	22.35 0.96 -5.19	28.07 2.01 0.00	28.92 2.13 -0.55	28.71 2.27 0.00	32.16 2.44 0.00	34.02 2.61 0.00	36.07 2.73 0.00	40.01 3.00 0.00	41.05 3.21 0.00	42.41 3.39 0.00	44.55 3.68 0.00	47.13 3.97 0.00	47.74 4.14 0.00	42.70 3.89 3.96	48.35 3.91 0.00	40.03 3.27 0.00	30.94 2.56 0.00	26.86 1.94 -2.02	25.40 1.65 -3.33
LOVETT____5 23593	22.77 1.34 -1.14	18.65 1.15 0.00	20.25 0.79 -6.57	18.58 0.70 -6.37	21.23 0.72 -8.59	22.35 0.96 -5.19	28.07 2.01 0.00	28.92 2.13 -0.55	28.71 2.27 0.00	32.16 2.44 0.00	34.02 2.61 0.00	36.07 2.73 0.00	40.01 3.00 0.00	41.05 3.21 0.00	42.41 3.39 0.00	44.55 3.68 0.00	47.13 3.97 0.00	47.74 4.14 0.00	42.70 3.89 3.96	48.35 3.91 0.00	40.03 3.27 0.00	30.94 2.56 0.00	26.86 1.94 -2.02	25.40 1.65 -3.33
LOWER RAQUET____HYD 24057	16.75 -1.16 2.39	14.84 -1.05 1.61	12.12 -0.77 0.00	10.77 -0.74 0.00	11.24 -0.68 0.00	13.53 -0.96 1.72	18.21 -1.41 6.45	18.22 -1.44 6.58	-3.16 -0.82 28.77	-7.24 -0.65 36.31	-0.45 -0.91 30.96	-8.38 -0.93 40.77	0.10 -1.15 35.77	0.10 -1.13 36.61	-8.69 -1.17 46.54	0.71 -1.27 38.89	15.62 -1.55 25.99	22.13 -2.57 18.89	22.03 -2.44 18.31	22.64 -2.31 19.49	20.65 -2.06 14.06	18.84 -1.39 8.15	17.53 -1.10 4.26	16.93 -0.98 2.51
LOWER____HUDSON 24059	23.22 1.20 -1.74	18.56 1.09 0.03	23.86 0.77 -10.20	22.09 0.70 -9.89	25.98 0.73 -13.33	25.25 1.02 -8.02	27.75 1.80 0.10	28.91 1.92 -0.74	28.29 1.93 0.07	31.77 2.14 0.10	33.52 2.23 0.13	35.49 2.30 0.14	39.42 2.59 0.19	40.25 2.61 0.20	41.51 2.69 0.20	43.50 2.86 0.23	46.00 3.11 0.27	46.44 3.14 0.30	46.76 3.16 -0.83	47.33 3.20 0.31	39.26 2.72 0.23	30.30 2.04 0.13	27.59 1.63 -3.07	26.81 1.27 -5.13
LWR____OSWEGATCHIE_HYD 23850	18.14 -0.53 1.63	15.90 -0.51 1.10	12.48 -0.41 0.00	11.12 -0.38 0.00	11.57 -0.35 0.00	14.63 -0.40 1.17	21.04 -0.63 4.39	21.09 -0.68 4.48	-15.77 -0.40 41.81	-22.53 -0.06 52.19	-10.99 -0.41 42.00	-24.24 -0.37 57.21	-9.66 -0.48 46.20	-9.68 -0.49 47.03	-24.40 -0.47 62.96	-8.39 -0.53 48.73	16.91 -0.86 25.39	29.47 -1.27 12.86	29.24 -1.07 12.46	30.24 -0.94 13.27	26.24 -0.96 9.57	22.24 -0.60 5.55	19.53 -0.46 2.90	18.26 -0.45 1.71
LYONS_FALL_HYD 23570	20.11 0.30 0.48	17.40 0.23 0.33	13.01 0.12 0.00	11.61 0.10 0.00	12.03 0.11 0.00	16.15 0.29 0.35	25.19 0.44 1.31	25.33 0.42 1.34	34.32 0.53 -7.35	39.68 1.01 -8.94	38.25 0.69 -6.15	43.38 0.83 -9.21	43.62 0.89 -5.72	44.45 0.91 -5.71	49.08 0.93 -9.12	47.09 0.90 -5.33	43.29 0.82 0.69	40.37 0.61 3.84	39.86 0.81 3.72	41.46 0.98 3.96	34.50 0.59 2.85	27.21 0.48 1.66	22.42 0.39 0.87	20.19 0.29 0.51
MADISON____COUNTY_LFGE 323628	20.69 0.57 0.16	17.86 0.47 0.11	13.19 0.30 0.00	11.77 0.26 0.00	12.19 0.27 0.00	16.60 0.50 0.12	26.43 0.81 0.44	26.56 0.76 0.45	29.19 0.74 -2.02	33.27 1.10 -2.45	34.07 1.01 -1.64	36.96 1.13 -2.50	39.76 1.26 -1.48	40.56 1.25 -1.47	42.74 1.29 -2.43	43.44 1.22 -1.34	43.99 1.21 0.38	43.53 1.22 1.29	42.84 1.33 1.25	44.57 1.46 1.33	36.83 1.03 0.96	28.60 0.77 0.56	23.20 0.59 0.29	20.75 0.51 0.17
MAPLE RIDGE_WT_1 323574	19.39 -0.57 0.33	16.77 -0.54 0.18	12.16 -0.40 0.33	10.80 -0.38 0.32	11.09 -0.39 0.43	15.20 -0.55 0.46	24.43 -0.89 0.74	24.60 -0.87 0.78	21.36 -0.82 4.25	23.50 -0.89 5.34	26.10 -0.91 4.41	26.52 -0.90 5.91	31.13 -0.92 4.96	31.91 -0.87 5.06	31.55 -0.86 6.61	34.70 -0.86 5.30	39.20 -0.82 3.14	40.60 -0.83 2.17	40.03 -0.77 1.97	41.45 -0.76 2.24	34.52 -0.63 1.62	26.97 -0.48 0.94	21.89 -0.41 0.59	19.59 -0.37 0.46



MAPLE RIDGE_WT_2 323611	19.39 -0.57 0.33	16.77 -0.54 0.18	12.16 -0.40 0.33	10.80 -0.38 0.32	11.09 -0.39 0.43	15.20 -0.55 0.46	24.43 -0.89 0.74	24.60 -0.87 0.78	21.36 -0.82 4.25	23.50 -0.89 5.34	26.10 -0.91 4.41	26.52 -0.90 5.91	31.13 -0.92 4.96	31.91 -0.87 5.06	31.55 -0.86 6.61	34.70 -0.86 5.30	39.20 -0.82 3.14	40.60 -0.83 2.17	40.03 -0.77 1.97	41.45 -0.76 2.24	34.52 -0.63 1.62	26.97 -0.48 0.94	21.89 -0.41 0.59	19.59 -0.37 0.46
MARBLE_RIVER_WT_PWR 323696	16.23 -1.08 2.98	14.48 -1.02 2.01	12.12 -0.77 0.00	10.71 -0.79 0.00	11.05 -0.87 0.00	12.68 -1.38 2.15	15.95 -2.06 8.05	15.80 -2.23 8.22	6.12 -1.69 18.62	3.94 -1.84 23.94	7.06 -2.01 22.35	3.23 -2.13 27.97	7.04 -2.33 27.64	6.93 -2.42 28.48	2.69 -2.58 33.76	7.07 -2.57 31.22	14.41 -2.29 26.46	17.52 -2.48 23.59	17.56 -2.35 22.86	17.93 -2.18 24.34	17.41 -1.80 17.55	16.45 -1.76 10.18	16.22 -1.35 5.32	16.22 -1.06 3.13
MARSH_HILL_WT_PWR 323713	20.72 0.37 -0.07	17.86 0.38 0.03	13.68 0.18 -0.61	12.29 0.20 -0.59	12.92 0.20 -0.80	17.10 0.44 -0.45	26.89 0.94 0.11	26.97 0.79 0.06	26.99 0.56 0.00	30.35 0.63 0.00	32.36 0.94 0.00	34.60 1.27 0.00	38.50 1.48 0.00	39.31 1.47 0.00	40.69 1.68 0.00	42.17 1.31 0.00	44.37 1.21 0.00	44.45 1.18 0.32	43.43 1.24 0.58	45.70 1.60 0.33	37.40 0.88 0.24	28.61 0.37 0.14	23.19 0.18 -0.11	21.09 0.41 -0.26
MG INDUSTRY___DRP 24185	22.86 0.85 -1.71	18.30 0.81 0.00	23.32 0.59 -9.84	21.57 0.53 -9.54	25.34 0.56 -12.87	24.75 0.78 -7.76	27.28 1.23 0.00	28.38 1.31 -0.82	27.81 1.37 0.00	31.21 1.49 0.00	32.99 1.57 0.00	34.57 1.23 0.00	38.35 1.33 0.00	39.24 1.40 0.00	40.46 1.44 0.00	42.46 1.59 0.00	44.89 1.73 0.00	45.35 1.75 0.00	45.67 1.71 -1.19	46.13 1.69 0.00	38.31 1.54 0.00	29.61 1.22 0.00	26.89 0.96 -3.03	26.14 0.73 -4.99
MID___OSWEGATCHIE_HYD 23849	18.14 -0.53 1.63	15.90 -0.51 1.10	12.48 -0.41 0.00	11.12 -0.38 0.00	11.57 -0.35 0.00	14.63 -0.40 1.17	21.04 -0.63 4.39	21.09 -0.68 4.48	-15.77 -0.40 41.81	-22.53 -0.06 52.19	-10.99 -0.41 42.00	-24.24 -0.37 57.21	-9.66 -0.48 46.20	-9.68 -0.49 47.03	-24.40 -0.47 62.96	-8.39 -0.53 48.73	16.91 -0.86 25.39	29.47 -1.27 12.86	29.24 -1.07 12.46	30.24 -0.94 13.27	26.24 -0.96 9.57	22.24 -0.60 5.55	19.53 -0.46 2.90	18.26 -0.45 1.71
MID___RAQUETTE_HYD 23851	16.75 -1.16 2.39	14.84 -1.05 1.61	12.12 -0.77 0.00	10.77 -0.74 0.00	11.24 -0.68 0.00	13.53 -0.96 1.72	18.21 -1.41 6.45	18.22 -1.44 6.58	-3.16 -0.82 28.77	-7.24 -0.65 36.31	-0.45 -0.91 30.96	-8.38 -0.93 40.77	0.10 -1.15 35.77	0.10 -1.13 36.61	-8.69 -1.17 46.54	0.71 -1.21 38.89	15.62 -1.55 25.99	22.13 -2.57 18.89	22.03 -2.44 18.31	22.64 -2.31 19.49	20.65 -2.06 14.06	18.84 -1.39 8.15	17.53 -1.10 4.26	16.93 -0.98 2.51
MILLIKEN___1 23584	20.93 0.59 -0.05	17.95 0.49 0.03	13.77 0.31 -0.57	12.34 0.29 -0.55	12.97 0.31 -0.74	17.14 0.52 -0.41	26.81 0.89 0.13	27.00 0.84 0.09	27.33 0.98 0.08	30.83 1.22 0.11	32.53 1.26 0.14	34.58 1.40 0.15	38.36 1.55 0.21	39.17 1.55 0.22	40.40 1.60 0.22	41.75 1.14 0.26	43.98 1.12 0.30	44.38 1.18 0.40	43.42 1.28 0.63	45.45 1.42 0.41	37.46 0.99 0.29	28.90 0.68 0.17	23.46 0.48 -0.08	21.13 0.49 -0.23
MILLIKEN___2 23585	20.93 0.59 -0.05	17.95 0.49 0.03	13.77 0.31 -0.57	12.34 0.29 -0.55	12.97 0.31 -0.74	17.14 0.52 -0.41	26.81 0.89 0.13	27.00 0.84 0.09	27.33 0.98 0.08	30.83 1.22 0.11	32.53 1.26 0.14	34.58 1.40 0.15	38.36 1.55 0.21	39.17 1.55 0.22	40.40 1.60 0.22	41.75 1.14 0.26	43.98 1.12 0.30	44.38 1.18 0.40	43.42 1.28 0.63	45.45 1.42 0.41	37.46 0.99 0.29	28.90 0.68 0.17	23.46 0.48 -0.08	21.13 0.49 -0.23
MILLIKEN___DIESEL 23629	20.93 0.59 -0.05	17.95 0.49 0.03	13.77 0.31 -0.57	12.34 0.29 -0.55	12.97 0.31 -0.74	17.14 0.52 -0.41	26.81 0.89 0.13	27.00 0.84 0.09	27.33 0.98 0.08	30.83 1.22 0.11	32.53 1.26 0.14	34.58 1.40 0.15	38.36 1.55 0.21	39.17 1.55 0.22	40.40 1.60 0.22	41.75 1.14 0.26	43.98 1.12 0.30	44.38 1.18 0.40	43.42 1.28 0.63	45.45 1.42 0.41	37.46 0.99 0.29	28.90 0.68 0.17	23.46 0.48 -0.08	21.13 0.49 -0.23
MILLSEAT___LFGE 323607	20.13 -0.20 -0.04	17.52 0.05 0.03	13.35 -0.01 -0.47	12.03 0.07 -0.46	12.60 0.06 -0.62	16.70 0.15 -0.34	26.26 0.31 0.11	26.07 -0.10 0.07	25.99 -0.45 0.00	29.16 -0.57 0.00	31.23 -0.19 0.00	33.47 0.13 0.00	37.13 0.11 0.00	37.46 -0.38 0.00	38.79 -0.23 0.00	40.05 -0.82 0.00	42.13 -1.04 0.00	42.05 -1.22 0.32	41.27 -0.98 0.52	43.53 -0.58 0.33	35.38 -1.14 0.24	27.03 -1.22 0.14	21.80 -1.17 -0.07	20.12 -0.49 -0.19
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.99 1.44 -1.26	18.74 1.24 0.00	20.96 0.85 -7.22	19.25 0.75 -7.00	22.12 0.76 -9.44	22.94 1.04 -5.70	28.20 2.14 0.00	29.13 2.28 -0.60	28.92 2.48 0.00	32.43 2.70 0.00	34.31 2.89 0.00	36.33 3.00 0.00	40.35 3.33 0.00	41.40 3.56 0.00	42.76 3.75 0.00	44.95 4.09 0.00	47.57 4.40 0.00	48.13 4.53 0.00	49.20 4.28 -2.16	48.75 4.31 0.00	40.37 3.60 0.00	31.17 2.78 0.00	27.22 2.10 -2.22	25.85 1.78 -3.66
MODEL_CITY_ENERGY 24167	19.56 -0.77 -0.04	17.05 -0.42 0.03	13.04 -0.34 -0.48	11.75 -0.22 -0.47	12.31 -0.24 -0.63	16.29 -0.28 -0.35	25.51 -0.44 0.11	25.10 -1.08 0.07	25.12 -1.32 0.00	28.18 -1.55 0.00	30.16 -1.26 0.00	32.26 -1.07 0.00	35.76 -1.26 0.00	36.32 -1.51 0.00	37.65 -1.37 0.00	38.91 -1.96 0.00	40.92 -2.25 0.00	40.84 -2.44 0.32	40.02 -2.23 0.52	42.11 -2.00 0.33	34.32 -2.20 0.24	26.26 -1.99 0.14	21.23 -1.74 -0.07	19.55 -1.06 -0.20
MODERN_LFGE___ 323580	19.56 -0.77 -0.04	17.05 -0.42 0.03	13.04 -0.34 -0.48	11.75 -0.22 -0.47	12.31 -0.24 -0.63	16.29 -0.28 -0.35	25.51 -0.44 0.11	25.10 -1.08 0.07	25.12 -1.32 0.00	28.18 -1.55 0.00	30.16 -1.26 0.00	32.26 -1.07 0.00	35.76 -1.26 0.00	36.32 -1.51 0.00	37.65 -1.37 0.00	38.91 -1.96 0.00	40.92 -2.25 0.00	40.84 -2.44 0.32	40.02 -2.23 0.52	42.11 -2.00 0.33	34.32 -2.20 0.24	26.26 -1.99 0.14	21.23 -1.74 -0.07	19.55 -1.06 -0.20
MOHAWK_PAPER___DRP 24187	23.06 1.01 -1.76	18.48 0.98 0.00	23.68 0.70 -10.09	21.92 0.63 -9.78	25.78 0.67 -13.19	25.11 0.94 -7.96	27.57 1.51 0.00	28.74 1.65 -0.84	28.10 1.67 0.00	31.57 1.84 0.00	33.37 1.95 0.00	35.26 1.93 0.00	39.20 2.18 0.00	40.07 2.23 0.00	41.32 2.30 0.00	43.32 2.45 0.00	45.79 2.63 0.00	46.26 2.66 0.00	46.61 2.70 -1.15	47.15 2.71 0.00	39.08 2.32 0.00	30.12 1.73 0.00	27.40 1.40 -3.11	26.59 1.06 -5.11
MONGAUP___HYD 23641	22.49 1.22 -0.98	18.53 1.03 0.00	19.20 0.68 -5.63	17.54 0.59 -5.45	19.88 0.61 -7.35	21.41 0.76 -4.44	27.81 1.75 0.00	28.26 1.55 -0.47	27.97 1.53 0.00	31.27 1.54 0.00	32.77 1.35 0.00	34.76 1.43 0.00	38.87 1.85 0.00	39.92 2.08 0.00	41.16 2.14 0.00	43.32 2.45 0.00	45.79 2.63 0.00	46.52 2.92 0.00	42.82 2.74 2.69	47.33 2.89 0.00	38.89 2.13 0.00	30.37 1.99 0.00	26.11 1.49 -1.73	24.59 1.33 -2.85



MONTAUK___DIESEL 23721	40.95 3.29 -17.37	37.26 2.83 -16.93	29.41 2.04 -14.48	28.24 1.81 -14.93	28.34 1.85 -14.57	34.78 2.50 -16.08	43.89 4.82 -13.01	45.24 5.17 -13.82	44.85 5.39 -13.02	46.79 6.09 -10.97	49.87 6.63 -11.82	49.36 7.23 -8.79	51.91 8.14 -6.75	52.40 8.32 -6.24	54.55 8.78 -6.75	64.01 9.72 -13.42	70.25 10.32 -16.77	70.48 10.46 -16.42	88.35 10.18 -35.41	88.70 10.62 -33.64	60.07 8.71 -14.60	47.93 6.22 -13.33	42.50 4.81 -14.80	40.84 4.04 -16.38
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.84	28.59 2.53 0.00	35.80 2.73 -6.82	39.18 2.93 -9.81	41.51 3.21 -8.58	40.91 3.43 -6.06	45.39 3.57 -8.49	48.35 3.96 -7.37	49.96 4.16 -7.96	49.96 4.41 -6.53	52.98 4.78 -7.33	54.34 5.13 -6.05	54.61 5.27 -5.74	52.82 5.00 -5.05	49.57 5.11 -0.02	45.79 4.26 -4.77	42.29 3.26 -10.64	34.90 2.50 -9.51	29.17 2.12 -6.63
MUNSVILLE_WIND_PWR 323609	21.90 1.50 -0.11	18.72 1.24 0.03	14.53 0.79 -0.85	13.05 0.71 -0.83	13.76 0.73 -1.12	18.19 1.33 -0.65	28.20 2.24 0.10	28.34 2.13 0.04	28.61 2.25 0.07	32.93 3.30 0.10	34.28 2.99 0.13	36.60 3.40 0.14	40.53 3.70 0.18	41.39 3.75 0.19	42.76 3.94 0.19	44.36 3.72 0.22	46.52 3.63 0.27	46.97 3.70 0.34	46.13 4.02 0.66	48.49 4.40 0.35	39.64 3.12 0.25	30.48 2.24 0.15	24.77 1.72 -0.16	22.20 1.45 -0.34
N SALMON___HYD 24042	16.36 -1.14 2.79	14.55 -1.07 1.88	12.06 -0.83 0.00	10.69 -0.82 0.00	11.06 -0.86 0.00	12.87 -1.33 2.01	16.68 -1.85 7.53	16.57 -2.00 7.69	3.34 -1.19 21.91	0.59 -1.19 27.95	4.87 -1.41 25.14	-0.18 -1.40 32.11	5.11 -1.63 30.27	4.99 -1.74 31.11	-0.67 -1.79 37.90	5.20 -1.96 33.70	15.08 -1.77 26.31	19.26 -2.27 22.07	19.20 -2.18 21.38	19.76 -1.91 22.77	18.69 -1.65 16.42	17.13 -1.73 9.52	16.54 -1.37 4.98	16.42 -1.06 2.93
N.E._GEN_SANDY PD 24062	33.69 1.42 -11.98	32.89 1.24 -14.15	32.25 0.88 -18.48	29.90 0.78 -17.61	31.30 0.81 -18.57	35.16 1.10 -17.85	44.52 2.03 -16.43	46.30 2.15 -17.90	44.80 2.27 -16.09	43.00 2.47 -10.81	42.95 2.64 -8.89	45.45 2.70 -9.42	45.09 3.00 -5.08	48.49 3.14 -7.51	49.43 3.28 -7.13	50.64 3.51 -6.26	52.34 3.75 -5.43	52.98 3.88 -5.50	55.00 3.72 -8.51	55.50 3.78 -7.28	45.34 3.24 -5.34	40.90 2.47 -10.05	35.50 1.94 -10.66	35.80 1.61 -13.77
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.81 1.38 -1.14	18.69 1.19 0.00	20.23 0.81 -6.53	18.56 0.73 -6.33	21.19 0.74 -8.54	22.35 0.99 -5.15	28.12 2.06 0.00	28.97 2.18 -0.54	28.74 2.30 0.00	32.22 2.50 0.00	34.09 2.67 0.00	36.10 2.77 0.00	40.09 3.07 0.00	41.13 3.29 0.00	42.49 3.47 0.00	44.62 3.76 0.00	47.22 4.06 0.00	47.83 4.23 0.00	42.91 3.98 3.84	48.44 4.00 0.00	40.11 3.35 0.00	31.00 2.61 0.00	26.87 1.97 -2.01	25.42 1.69 -3.31
NARROWS_GT1_1 24228	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT1_2 24229	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT1_3 24230	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT1_4 24231	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT1_5 24232	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT1_6 24233	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT1_7 24234	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT1_8 24235	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT2_1 24236	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56



NARROWS_GT2_2 24237	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT2_3 24238	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT2_4 24239	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT2_5 24240	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT2_6 24241	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT2_7 24242	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NARROWS_GT2_8 24243	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.41 5.35 -5.90	54.74 5.54 -5.60	53.06 5.30 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.18 1.44 -1.45	18.78 1.28 0.00	22.12 0.89 -8.34	20.36 0.77 -8.09	23.64 0.82 -10.90	23.84 1.05 -6.58	28.09 2.03 0.00	28.81 1.86 -0.69	28.29 1.85 0.00	31.60 1.87 0.00	33.43 2.01 0.00	35.23 1.90 0.00	39.35 2.33 0.00	40.38 2.54 0.00	41.59 2.57 0.00	43.81 2.94 0.00	46.31 3.15 0.00	46.96 3.36 0.00	47.05 3.25 -1.04	47.82 3.38 0.00	39.45 2.68 0.00	30.37 1.99 0.00	27.00 1.53 -2.57	25.95 1.31 -4.23
NEG CAPITAL___MECHNVIL 23645	23.48 1.44 -1.75	18.77 1.29 0.03	24.09 0.90 -10.30	22.33 0.84 -9.99	26.25 0.86 -13.47	25.54 1.23 -8.10	28.14 2.19 0.11	29.38 2.39 -0.75	28.66 2.30 0.08	32.20 2.58 0.11	33.92 2.64 0.14	36.02 2.83 0.15	40.04 3.22 0.20	40.81 3.18 0.21	42.09 3.28 0.21	44.06 3.43 0.24	46.54 3.67 0.29	47.03 3.75 0.32	47.39 3.85 -0.77	48.06 3.95 0.33	39.87 3.35 0.24	30.69 2.44 0.14	27.92 1.92 -3.10	27.02 1.43 -5.18
NEG CENTRAL_HIGH_ACRES 23767	19.81 -0.51 -0.02	17.12 -0.35 0.03	12.96 -0.31 -0.38	11.64 -0.23 -0.37	12.19 -0.23 -0.50	16.25 -0.23 -0.27	25.58 -0.36 0.12	25.77 -0.39 0.09	25.68 -0.69 0.07	28.82 -0.80 0.10	30.69 -0.60 0.13	32.79 -0.40 0.14	36.38 -0.44 0.19	36.81 -0.83 0.20	37.96 -0.86 0.20	39.45 -1.19 0.23	41.50 -1.38 0.28	41.81 -1.44 0.35	41.02 -1.24 0.50	43.10 -0.98 0.36	35.29 -1.21 0.26	27.07 -1.17 0.15	21.88 -1.05 -0.04	19.84 -0.72 -0.14
NEG CENTRAL___DRP 24199	20.47 0.16 -0.02	17.62 0.16 0.03	13.35 0.06 -0.39	11.98 0.09 -0.38	12.54 0.11 -0.51	16.73 0.24 -0.27	26.37 0.44 0.13	26.54 0.39 0.10	26.51 0.16 0.08	29.82 0.21 0.12	31.62 0.35 0.15	33.71 0.53 0.16	37.39 0.59 0.21	38.03 0.42 0.22	39.22 0.43 0.23	40.85 0.25 0.26	43.02 0.17 0.31	43.42 0.22 0.40	42.47 0.26 0.55	44.52 0.49 0.41	36.62 0.15 0.29	28.19 -0.03 0.17	22.83 -0.09 -0.03	20.60 0.04 -0.14
NEG CENTRAL___INDECK 23768	20.85 0.51 -0.05	18.00 0.52 0.03	13.71 0.30 -0.53	12.34 0.32 -0.51	12.94 0.33 -0.69	17.20 0.60 -0.39	26.18 0.23 0.11	26.52 0.34 0.07	26.33 -0.11 0.00	29.58 -0.15 0.00	31.58 0.16 0.00	33.80 0.47 0.00	37.53 0.52 0.00	37.84 0.00 0.00	39.02 0.00 0.00	40.54 -0.33 0.00	42.65 -0.52 0.00	42.70 -0.57 0.33	41.93 -0.30 0.54	44.24 0.13 0.34	36.08 -0.44 0.24	27.68 -0.57 0.14	23.07 0.09 -0.09	20.96 0.33 -0.22
NEG CENTRAL___SENECA 23627	20.58 0.26 -0.03	17.73 0.26 0.03	13.46 0.13 -0.44	12.09 0.16 -0.43	12.67 0.18 -0.58	16.88 0.36 -0.32	26.67 0.73 0.12	26.84 0.68 0.09	26.81 0.45 0.08	30.12 0.50 0.11	32.01 0.72 0.14	34.15 0.97 0.14	37.89 1.07 0.20	38.50 0.87 0.21	39.75 0.93 0.21	41.28 0.65 0.24	43.43 0.56 0.29	43.80 0.57 0.36	42.91 0.68 0.54	45.00 0.93 0.37	36.94 0.44 0.27	28.37 0.14 0.16	22.92 -0.02 -0.05	20.71 0.12 -0.17
NEG CENTRAL___STATE_STREET 24147	20.69 0.38 -0.01	17.78 0.32 0.04	13.46 0.19 -0.37	12.05 0.18 -0.36	12.61 0.20 -0.49	16.82 0.36 -0.26	26.46 0.55 0.14	26.66 0.52 0.11	26.58 0.24 0.09	29.90 0.30 0.13	31.67 0.41 0.16	33.73 0.57 0.17	37.41 0.63 0.23	38.09 0.49 0.24	39.25 0.47 0.24	41.16 0.57 0.28	43.35 0.52 0.34	43.74 0.57 0.42	42.84 0.64 0.57	44.81 0.80 0.43	36.93 0.48 0.31	28.49 0.28 0.18	23.12 0.21 -0.02	20.79 0.25 -0.13
NEG MILLWOOD___DRP 24198	23.29 1.64 -1.36	18.90 1.40 0.00	21.67 0.97 -7.81	19.94 0.86 -7.57	23.00 0.87 -10.21	23.52 1.15 -6.16	28.43 2.37 0.00	29.36 2.47 -0.65	29.13 2.70 0.00	32.64 2.91 0.00	34.59 3.17 0.00	36.63 3.30 0.00	40.75 3.74 0.00	41.81 3.97 0.00	43.27 4.25 0.00	45.52 4.66 0.00	48.08 4.92 0.00	48.74 5.14 0.00	49.31 4.87 -1.67	49.37 4.93 0.00	40.84 4.08 0.00	31.51 3.12 0.00	27.61 2.31 -2.40	26.29 1.92 -3.96



NEG NORTH_FLCN_SEA 23793	16.34 -0.97 2.98	14.57 -0.93 2.00	12.18 -0.71 0.00	10.77 -0.74 0.00	11.11 -0.81 0.00	12.77 -1.30 2.15	16.18 -1.85 8.03	16.03 -2.02 8.20	6.36 -1.35 18.73	4.22 -1.43 24.08	7.34 -1.64 22.45	3.52 -1.70 28.11	7.43 -1.85 27.74	7.34 -1.93 28.57	3.01 -2.11 33.90	7.43 -2.13 31.31	14.90 -1.81 26.46	17.97 -2.09 23.54	17.99 -1.97 22.81	18.43 -1.73 24.28	17.78 -1.47 17.51	16.61 -1.62 10.16	16.32 -1.26 5.31	16.35 -0.94 3.12
NEG NORTH_KES_CHATEGAY 23792	16.23 -1.14 2.93	14.48 -1.05 1.97	12.08 -0.81 0.00	10.69 -0.82 0.00	11.02 -0.89 0.00	12.71 -1.39 2.11	16.10 -2.06 7.90	15.96 -2.23 8.06	5.24 -1.61 19.59	2.85 -1.75 25.12	6.30 -1.95 23.17	2.11 -2.03 29.19	6.34 -2.26 28.42	6.28 -2.31 29.25	1.59 -2.46 34.97	6.38 -2.53 31.95	14.55 -2.20 26.42	17.97 -2.48 23.15	17.99 -2.35 22.42	18.39 -2.18 23.87	17.74 -1.80 17.22	16.61 -1.79 9.99	16.27 -1.40 5.22	16.26 -1.08 3.07
NEG NORTH___ALICE_FALLS 23915	16.27 -1.06 2.97	14.50 -1.00 2.00	12.12 -0.77 0.00	10.71 -0.79 0.00	11.05 -0.87 0.00	12.69 -1.38 2.14	16.15 -1.90 8.01	16.00 -2.07 8.18	6.25 -1.32 18.87	4.08 -1.40 24.25	7.25 -1.60 22.56	3.35 -1.70 28.28	7.36 -1.81 27.84	7.23 -1.93 28.68	2.84 -2.11 34.07	7.29 -2.17 31.41	14.90 -1.81 26.45	18.03 -2.09 23.48	18.01 -2.01 22.75	18.49 -1.73 24.22	17.82 -1.47 17.47	16.50 -1.76 10.13	16.25 -1.35 5.30	16.28 -1.02 3.12
NEG NORTH___LWR_SARANAC 23913	16.27 -1.06 2.97	14.50 -1.00 2.00	12.12 -0.77 0.00	10.71 -0.79 0.00	11.05 -0.87 0.00	12.69 -1.38 2.14	16.15 -1.90 8.01	16.00 -2.07 8.18	6.25 -1.32 18.87	4.08 -1.40 24.25	7.25 -1.60 22.56	3.35 -1.70 28.28	7.36 -1.81 27.84	7.23 -1.93 28.68	2.84 -2.11 34.07	7.29 -2.17 31.41	14.90 -1.81 26.45	18.03 -2.09 23.48	18.01 -2.01 22.75	18.49 -1.73 24.22	17.82 -1.47 17.47	16.50 -1.76 10.13	16.25 -1.35 5.30	16.28 -1.02 3.12
NEG NORTH___PLATTSBURG 23628	16.27 -1.06 2.97	14.50 -1.00 2.00	12.12 -0.77 0.00	10.71 -0.79 0.00	11.05 -0.87 0.00	12.69 -1.38 2.14	16.15 -1.90 8.01	16.00 -2.07 8.18	6.25 -1.32 18.87	4.08 -1.40 24.25	7.25 -1.60 22.56	3.35 -1.70 28.28	7.36 -1.81 27.84	7.23 -1.93 28.68	2.84 -2.11 34.07	7.29 -2.17 31.41	14.90 -1.81 26.45	18.03 -2.09 23.48	18.01 -2.01 22.75	18.49 -1.73 24.22	17.82 -1.47 17.47	16.50 -1.76 10.13	16.25 -1.35 5.30	16.28 -1.02 3.12
NEG WEST_LEA_LOCKPORT 23791	19.76 -0.57 -0.04	17.21 -0.26 0.03	13.14 -0.23 -0.48	11.85 -0.12 -0.47	12.40 -0.14 -0.63	16.43 -0.13 -0.35	25.79 -0.16 0.11	25.28 -0.89 0.07	25.30 -1.14 0.00	28.42 -1.31 0.00	30.41 -1.01 0.00	32.57 -0.77 0.00	36.09 -0.92 0.00	36.63 -1.21 0.00	37.97 -1.05 0.00	39.23 -1.64 0.00	41.22 -1.94 0.00	41.14 -2.14 0.32	40.32 -1.92 0.52	42.46 -1.64 0.33	34.57 -1.95 0.24	26.43 -1.82 0.14	21.36 -1.60 -0.07	19.80 -0.82 -0.20
NEG WEST___LANCASTR 23811	20.49 0.14 -0.06	17.77 0.30 0.03	13.59 0.16 -0.55	12.25 0.22 -0.53	12.84 0.20 -0.72	17.00 0.39 -0.40	26.84 0.89 0.11	26.76 0.58 0.06	26.83 0.40 0.00	30.14 0.42 0.00	32.14 0.72 0.00	34.40 1.07 0.00	38.17 1.15 0.00	38.90 1.06 0.00	40.38 1.36 0.00	41.64 0.77 0.00	43.77 0.60 0.00	43.81 0.53 0.32	42.74 0.52 0.55	44.96 0.84 0.33	36.71 0.18 0.24	28.08 -0.17 0.14	22.67 -0.32 -0.10	20.73 0.08 -0.23
NEG_PENN_ALLEGHNY 23528	20.96 0.51 -0.16	17.94 0.44 0.00	14.08 0.27 -0.92	12.66 0.26 -0.89	13.40 0.27 -1.20	17.39 0.45 -0.73	26.95 0.89 0.00	27.14 0.81 -0.08	27.18 0.74 0.00	30.59 0.86 0.00	32.39 0.98 0.00	34.47 1.13 0.00	38.28 1.26 0.00	39.05 1.21 0.00	40.30 1.29 0.00	42.01 1.14 0.00	44.28 1.12 0.00	44.49 1.18 0.28	43.21 1.11 0.67	45.44 1.29 0.29	37.47 0.92 0.21	28.86 0.60 0.12	23.52 0.41 -0.22	21.27 0.43 -0.42
NEG___GEN_MONROE 24207	20.88 0.57 -0.03	18.07 0.60 0.03	13.66 0.37 -0.40	12.30 0.41 -0.38	12.89 0.45 -0.52	17.38 0.89 -0.28	27.62 1.67 0.11	28.32 2.15 0.08	27.77 1.40 0.07	31.11 1.49 0.10	33.21 1.92 0.13	35.56 2.37 0.13	39.50 2.67 0.18	39.39 1.74 0.19	40.43 1.60 0.19	42.03 1.39 0.22	44.19 1.29 0.27	44.62 1.35 0.33	43.94 1.67 0.50	46.54 2.44 0.35	37.88 1.36 0.25	28.87 0.62 0.14	23.14 0.21 -0.05	21.02 0.45 -0.15
NEPA___ENERGY 23901	20.28 -0.08 -0.07	17.54 0.07 0.03	13.53 0.00 -0.64	12.18 0.06 -0.62	12.81 0.05 -0.84	16.82 0.13 -0.48	26.40 0.44 0.11	26.35 0.16 0.05	26.38 -0.05 0.00	29.64 -0.09 0.00	31.48 0.06 0.00	33.63 0.30 0.00	37.31 0.29 0.00	38.03 0.19 0.00	39.41 0.39 0.00	40.74 -0.12 0.00	42.86 -0.30 0.00	42.99 -0.30 0.31	41.76 -0.43 0.58	43.90 -0.22 0.32	36.09 -0.44 0.23	27.74 -0.51 0.13	22.47 -0.55 -0.13	20.49 -0.20 -0.28
NEVERSINK___HYD 23608	22.70 1.40 -1.01	18.67 1.17 0.00	19.48 0.80 -5.79	17.83 0.71 -5.61	20.23 0.74 -7.57	21.77 0.99 -4.57	28.15 2.09 0.00	28.72 1.99 -0.48	28.50 2.06 0.00	31.93 2.20 0.00	33.74 2.32 0.00	35.80 2.47 0.00	39.91 2.89 0.00	40.94 3.10 0.00	42.25 3.24 0.00	44.42 3.55 0.00	46.96 3.80 0.00	47.66 4.06 0.00	46.20 3.85 0.42	48.44 4.00 0.00	39.89 3.12 0.00	30.74 2.35 0.00	26.46 1.79 -1.78	24.90 1.55 -2.94
NEWTON___FALLS_HYD 23847	18.14 -0.53 1.63	15.90 -0.51 1.10	12.48 -0.41 0.00	11.12 -0.38 0.00	11.57 -0.35 0.00	14.63 -0.40 1.17	21.04 -0.63 4.39	21.09 -0.68 4.48	-15.77 -0.40 41.81	-22.53 -0.06 52.19	-10.99 -0.41 42.00	-24.24 -0.37 57.21	-9.66 -0.48 46.20	-9.68 -0.49 47.03	-24.40 -0.47 62.96	-8.39 -0.53 48.73	16.91 -0.86 25.39	29.47 -1.27 12.86	29.24 -1.07 12.46	30.24 -0.94 13.27	26.24 -0.96 9.57	22.24 -0.60 5.55	19.53 -0.46 2.90	18.26 -0.45 1.71
NIAGARA_115E_LBMP 323715	19.44 -0.89 -0.04	16.96 -0.51 0.03	12.96 -0.41 -0.49	11.70 -0.28 -0.47	12.26 -0.30 -0.63	16.21 -0.36 -0.35	25.35 -0.60 0.11	24.94 -1.23 0.07	24.96 -1.48 0.00	28.00 -1.72 0.00	29.94 -1.48 0.00	32.07 -1.27 0.00	35.53 -1.48 0.00	36.06 -1.78 0.00	37.42 -1.60 0.00	38.66 -2.21 0.00	40.66 -2.50 0.00	40.57 -2.70 0.32	39.72 -2.52 0.52	41.84 -2.26 0.33	34.13 -2.39 0.24	26.12 -2.13 0.14	21.12 -1.85 -0.07	19.43 -1.18 -0.20
NIAGARA_115W_LBMP 323714	19.50 -0.83 -0.04	17.00 -0.47 0.03	12.99 -0.39 -0.49	11.72 -0.25 -0.47	12.27 -0.29 -0.64	16.24 -0.32 -0.36	25.40 -0.55 0.11	25.02 -1.15 0.07	25.06 -1.38 0.00	28.15 -1.58 0.00	30.07 -1.35 0.00	32.20 -1.13 0.00	35.69 -1.33 0.00	36.25 -1.59 0.00	37.58 -1.44 0.00	38.82 -2.04 0.00	40.83 -2.33 0.00	40.79 -2.48 0.32	39.93 -2.31 0.52	42.02 -2.09 0.33	34.28 -2.24 0.24	26.23 -2.01 0.14	21.23 -1.74 -0.08	19.49 -1.12 -0.20
NIAGARA_230_LBMP 323716	19.58 -0.75 -0.04	17.03 -0.44 0.03	13.02 -0.35 -0.48	11.74 -0.23 -0.47	12.29 -0.26 -0.63	16.27 -0.29 -0.35	25.51 -0.44 0.11	25.23 -0.94 0.07	25.25 -1.19 0.00	28.33 -1.40 0.00	30.29 -1.13 0.00	32.40 -0.93 0.00	35.91 -1.11 0.00	36.48 -1.36 0.00	37.81 -1.21 0.00	39.11 -1.76 0.00	41.13 -2.03 0.00	41.10 -2.18 0.32	40.19 -2.05 0.52	42.28 -1.82 0.33	34.54 -1.99 0.24	26.46 -1.79 0.14	21.39 -1.58 -0.07	19.61 -1.00 -0.20



NIAGARA____ 23760	19.52 -0.81 -0.04	17.00 -0.47 0.03	13.00 -0.37 -0.48	11.72 -0.25 -0.47	12.28 -0.27 -0.63	16.24 -0.32 -0.35	25.43 -0.52 0.11	25.10 -1.08 0.07	25.12 -1.32 0.00	28.21 -1.51 0.00	30.13 -1.29 0.00	32.26 -1.07 0.00	35.76 -1.26 0.00	36.32 -1.51 0.00	37.65 -1.37 0.00	38.91 -1.96 0.00	40.92 -2.25 0.00	40.88 -2.40 0.32	40.02 -2.23 0.52	42.11 -2.00 0.33	34.35 -2.17 0.24	26.32 -1.93 0.14	21.27 -1.69 -0.07	19.53 -1.08 -0.20
NINE_MILE_1 23575	20.10 -0.22 -0.03	17.31 -0.19 0.00	12.88 -0.17 -0.16	11.52 -0.14 -0.16	11.99 -0.14 -0.21	16.18 -0.16 -0.13	25.62 -0.44 0.00	25.74 -0.52 -0.01	25.86 -0.58 0.00	29.07 -0.65 0.00	30.73 -0.69 0.00	32.67 -0.67 0.00	36.24 -0.78 0.00	37.01 -0.83 0.00	38.16 -0.86 0.00	39.89 -0.98 0.00	42.13 -1.04 0.00	42.55 -1.05 0.00	41.74 -1.03 0.00	43.42 -1.02 0.00	35.88 -0.88 0.00	27.70 -0.68 0.00	22.44 -0.50 -0.05	20.13 -0.37 -0.08
NINE_MILE_2 23744	20.10 -0.22 -0.03	17.31 -0.19 0.00	12.88 -0.17 -0.16	11.52 -0.14 -0.16	11.99 -0.14 -0.21	16.18 -0.16 -0.13	25.62 -0.44 0.00	25.76 -0.50 -0.01	25.86 -0.58 0.00	29.07 -0.65 0.00	30.73 -0.69 0.00	32.67 -0.67 0.00	36.24 -0.78 0.00	37.01 -0.83 0.00	38.16 -0.86 0.00	39.93 -0.94 0.00	42.13 -1.04 0.00	42.55 -1.05 0.00	41.79 -0.98 0.00	43.46 -0.98 0.00	35.88 -0.88 0.00	27.70 -0.68 0.00	22.46 -0.48 -0.05	20.15 -0.35 -0.08
NM_CAPITAL____DRP 24208	22.89 0.85 -1.75	18.37 0.87 0.00	23.54 0.62 -10.03	21.80 0.56 -9.73	25.64 0.61 -13.12	24.97 0.84 -7.92	27.34 1.28 0.00	28.47 1.39 -0.84	27.86 1.43 0.00	31.30 1.57 0.00	33.08 1.66 0.00	34.93 1.60 0.00	38.83 1.81 0.00	39.69 1.85 0.00	40.93 1.91 0.00	42.95 2.08 0.00	45.40 2.24 0.00	45.87 2.27 0.00	46.20 2.27 -1.16	46.71 2.27 0.00	38.75 1.98 0.00	29.89 1.50 0.00	27.20 1.21 -3.09	26.42 0.92 -5.09
NM_CENTRAL____DRP 24181	20.41 0.16 0.04	17.57 0.12 0.05	13.16 0.05 -0.21	11.77 0.06 -0.21	12.27 0.07 -0.28	16.48 0.16 -0.11	26.00 0.16 0.22	26.15 0.11 0.21	27.51 -0.03 -1.10	31.00 -0.06 -1.34	32.29 -0.03 -0.91	34.74 0.03 -1.37	37.88 0.04 -0.83	38.67 0.00 -0.83	40.32 -0.04 -1.35	41.46 -0.16 -0.76	42.78 -0.21 0.16	42.74 -0.22 0.64	41.97 -0.17 0.62	43.69 -0.09 0.67	36.10 -0.18 0.48	27.99 -0.11 0.28	22.77 -0.05 0.08	20.46 0.02 -0.02
NM_FRONTIER____DRP 24179	19.50 -0.83 -0.04	17.00 -0.47 0.03	12.99 -0.39 -0.49	11.72 -0.25 -0.47	12.27 -0.29 -0.64	16.24 -0.32 -0.36	25.40 -0.55 0.11	25.02 -1.15 0.07	25.06 -1.38 0.00	28.15 -1.58 0.00	30.07 -1.35 0.00	32.20 -1.13 0.00	35.69 -1.33 0.00	36.25 -1.59 0.00	37.58 -1.44 0.00	38.82 -2.04 0.00	40.83 -2.33 0.00	40.79 -2.48 0.32	39.93 -2.31 0.52	42.02 -2.09 0.33	34.28 -2.24 0.24	26.23 -2.01 0.14	21.23 -1.74 -0.08	19.49 -1.12 -0.20
NM_ST_REGIS____HYD 24053	16.64 -1.18 2.47	14.77 -1.07 1.66	12.09 -0.80 0.00	10.74 -0.76 0.00	11.19 -0.73 0.00	13.36 -1.07 1.78	17.85 -1.54 6.67	17.84 -1.60 6.81	-1.85 -0.93 27.36	-5.67 -0.80 34.59	0.59 -1.07 29.76	-6.73 -1.07 38.99	1.08 -1.30 34.64	1.04 -1.33 35.47	-7.07 -1.33 44.76	1.58 -1.47 37.82	15.46 -1.64 26.06	21.52 -2.53 19.55	21.43 -2.39 18.94	22.01 -2.26 20.16	20.23 -1.99 14.54	18.45 -1.51 8.43	17.29 -1.19 4.41	16.82 -1.00 2.59
NORTHPORT____1 23551	39.53 1.87 -17.37	36.09 1.66 -16.93	28.56 1.19 -14.48	27.51 1.07 -14.93	27.60 1.11 -14.57	33.75 1.46 -16.08	41.86 2.79 -13.01	43.03 2.97 -13.82	42.58 3.12 -13.02	44.00 3.30 -10.97	46.51 3.27 -11.82	45.21 3.20 -8.68	47.01 3.40 -6.59	47.44 3.56 -6.05	49.30 3.75 -6.54	55.51 4.13 -10.52	60.03 4.49 -12.38	61.11 4.67 -12.84	66.27 4.41 -19.09	67.58 4.44 -18.69	54.84 3.71 -14.37	44.36 2.90 -13.08	40.02 2.52 -14.61	38.95 2.21 -16.33
NORTHPORT____2 23552	39.53 1.87 -17.37	36.09 1.66 -16.93	28.56 1.19 -14.48	27.51 1.07 -14.93	27.60 1.11 -14.57	33.75 1.46 -16.08	41.86 2.79 -13.01	43.03 2.97 -13.82	42.58 3.12 -13.02	44.00 3.30 -10.97	46.51 3.27 -11.82	45.21 3.20 -8.68	47.01 3.40 -6.59	47.44 3.56 -6.05	49.30 3.75 -6.54	58.30 4.13 -13.30	63.52 4.49 -15.87	63.80 4.67 -15.53	82.57 4.41 -35.40	82.51 4.44 -33.63	54.84 3.71 -14.37	44.36 2.90 -13.08	40.02 2.52 -14.61	38.95 2.21 -16.33
NORTHPORT____3 23553	39.59 1.93 -17.37	36.10 1.68 -16.93	28.55 1.17 -14.48	27.47 1.04 -14.93	27.55 1.06 -14.57	33.70 1.41 -16.08	41.68 2.61 -13.01	42.80 2.73 -13.82	42.40 2.93 -13.02	43.85 3.15 -10.97	46.51 3.27 -11.82	45.37 3.37 -8.67	47.26 3.67 -6.58	47.78 3.90 -6.04	49.61 4.06 -6.53	58.38 4.21 -13.30	63.50 4.53 -15.81	63.78 4.71 -15.47	82.66 4.49 -35.41	82.61 4.54 -33.64	54.91 3.79 -14.36	44.55 3.09 -13.07	39.94 2.45 -14.59	38.88 2.14 -16.33
NORTHPORT____4 23650	39.59 1.93 -17.37	36.10 1.68 -16.93	28.55 1.17 -14.48	27.47 1.04 -14.93	27.55 1.06 -14.57	33.70 1.41 -16.08	41.68 2.61 -13.01	42.80 2.73 -13.82	42.40 2.93 -13.02	43.85 3.15 -10.97	46.51 3.27 -11.82	45.37 3.37 -8.67	47.26 3.67 -6.58	47.78 3.90 -6.04	49.61 4.06 -6.53	58.38 4.21 -13.30	63.50 4.53 -15.81	63.78 4.71 -15.47	82.66 4.49 -35.41	82.61 4.54 -33.64	54.91 3.79 -14.36	44.55 3.09 -13.07	39.94 2.45 -14.59	38.88 2.14 -16.33
NORTHPORT____IC 23718	39.53 1.87 -17.37	36.09 1.66 -16.93	28.56 1.19 -14.48	27.51 1.07 -14.93	27.60 1.11 -14.57	33.75 1.46 -16.08	41.86 2.79 -13.01	43.03 2.97 -13.82	42.58 3.12 -13.02	44.00 3.30 -10.97	46.51 3.27 -11.82	45.21 3.20 -8.68	47.01 3.40 -6.59	47.44 3.56 -6.05	49.30 3.75 -6.54	55.51 4.13 -10.52	60.03 4.49 -12.38	61.11 4.67 -12.84	66.27 4.41 -19.09	67.58 4.44 -18.69	54.84 3.71 -14.37	44.36 2.90 -13.08	40.02 2.52 -14.61	38.95 2.21 -16.33
NPX_GEN_1385_PROXY 323591	39.08 1.42 -17.37	36.00 1.58 -16.93	28.56 1.19 -14.48	27.60 1.16 -14.93	27.73 1.24 -14.57	33.91 1.62 -16.08	42.17 3.10 -13.01	43.69 3.62 -13.82	42.74 3.28 -13.02	44.00 3.30 -10.97	46.29 3.05 -11.82	44.98 2.97 -8.68	46.57 2.96 -6.59	47.10 3.21 -6.05	48.87 3.31 -6.54	54.49 3.10 -10.52	59.00 3.45 -12.38	60.06 3.62 -12.84	65.24 3.38 -19.09	66.51 3.38 -18.69	54.00 2.87 -14.37	44.19 2.73 -13.08	39.68 2.18 -14.61	38.89 2.14 -16.33
NPX_GEN_CSC 323557	39.89 2.23 -17.37	36.37 1.94 -16.93	28.77 1.39 -14.48	27.67 1.23 -14.93	27.77 1.28 -14.57	33.96 1.67 -16.08	42.33 3.26 -13.01	43.56 3.49 -13.82	43.16 3.70 -13.02	44.77 4.07 -10.97	47.48 4.24 -11.82	46.59 4.47 -8.79	48.69 4.92 -6.75	49.22 5.15 -6.23	51.15 5.39 -6.74	60.25 5.97 -13.42	66.28 6.39 -16.73	66.56 6.58 -16.38	84.55 6.37 -35.41	84.61 6.54 -33.64	56.76 5.41 -14.59	45.73 4.03 -13.32	40.94 3.25 -14.79	39.55 2.75 -16.38
NSINS_S_GLNS_FALLS 23858	23.60 1.56 -1.74	18.87 1.40 0.03	24.10 0.97 -10.24	22.34 0.91 -9.93	26.23 0.93 -13.39	25.59 1.33 -8.05	28.38 2.42 0.11	29.64 2.65 -0.74	28.90 2.54 0.08	32.47 2.85 0.11	34.08 2.80 0.13	36.19 3.00 0.14	40.26 3.44 0.19	40.93 3.29 0.20	42.17 3.36 0.20	44.14 3.51 0.24	46.68 3.80 0.28	47.12 3.84 0.31	47.60 4.02 0.32	48.25 4.13 0.32	40.14 3.60 0.23	30.86 2.61 0.13	28.08 2.10 -3.08	27.14 1.57 -5.15



NUCOR_STEEL____DRP 24197	20.64 0.34 -0.01	17.76 0.30 0.04	13.43 0.18 -0.36	12.02 0.17 -0.35	12.58 0.19 -0.47	16.78 0.32 -0.24	26.36 0.44 0.15	26.55 0.42 0.12	27.27 0.11 -0.72	30.75 0.15 -0.88	32.26 0.25 -0.59	34.63 0.40 -0.90	38.01 0.45 -0.54	38.68 0.30 -0.54	40.21 0.31 -0.88	40.95 0.37 0.29	43.40 0.34 0.11	43.56 0.39 0.43	42.62 0.43 0.57	44.58 0.58 0.44	36.77 0.33 0.32	28.40 0.20 0.18	23.04 0.14 -0.01	20.74 0.20 -0.12
NYISO_LBMP_REFERENCE 24008	20.29 0.00 0.00	17.50 0.00 0.00	12.89 0.00 0.00	11.50 0.00 0.00	11.92 0.00 0.00	16.21 0.00 0.00	26.06 0.00 0.00	26.25 0.00 0.00	26.44 0.00 0.00	29.73 0.00 0.00	31.42 0.00 0.00	33.33 0.00 0.00	37.02 0.00 0.00	37.84 0.00 0.00	39.02 0.00 0.00	40.87 0.00 0.00	43.16 0.00 0.00	43.60 0.00 0.00	42.77 0.00 0.00	44.44 0.00 0.00	36.76 0.00 0.00	28.39 0.00 0.00	22.89 0.00 0.00	20.41 0.00 0.00
NYPA_BRENTWD____GT 24164	39.75 2.09 -17.37	36.26 1.84 -16.93	28.67 1.30 -14.48	27.60 1.16 -14.93	27.69 1.20 -14.57	33.88 1.59 -16.08	42.17 3.10 -13.01	43.35 3.28 -13.82	42.92 3.46 -13.03	44.45 3.75 -10.97	47.10 3.86 -11.82	46.24 3.96 -8.95	48.02 4.04 -6.97	48.41 4.09 -6.48	50.37 4.33 -7.02	59.21 4.78 -13.57	66.25 5.13 -17.95	66.50 5.32 -17.58	83.26 5.09 -35.41	83.14 5.06 -33.64	55.91 4.26 -14.88	45.58 3.55 -13.64	40.88 2.93 -15.05	39.38 2.51 -16.45
NYPA_GOWANUS____GT5 24156	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.37 5.31 -5.90	54.69 5.49 -5.60	53.01 5.26 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NYPA_GOWANUS____GT6 24157	23.43 1.85 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.67 2.76 -6.67	43.25 3.04 -13.78	43.83 3.36 -10.75	44.58 3.64 -9.52	45.38 3.77 -8.28	48.35 4.14 -7.19	49.91 4.31 -7.76	49.92 4.52 -6.38	52.96 4.94 -7.15	54.37 5.31 -5.90	54.69 5.49 -5.60	53.01 5.26 -4.99	49.83 5.38 -0.02	45.93 4.52 -4.65	44.44 3.55 -12.51	43.32 2.65 -17.77	29.20 2.23 -6.56
NYPA_HARLEM__RVR__GT1 24160	23.43 1.85 -1.30	19.10 1.59 -0.01	21.40 1.11 -7.41	19.67 0.99 -7.18	22.61 1.01 -9.68	23.42 1.36 -5.84	28.73 2.66 -0.01	30.24 2.81 -1.19	30.13 3.04 -0.65	33.85 3.33 -0.79	40.91 3.55 -5.95	37.19 3.67 -0.19	41.71 4.00 -0.69	45.00 4.16 -3.00	49.56 4.37 -6.17	45.00 4.74 0.60	53.97 5.09 -5.71	54.25 5.23 -5.42	52.67 5.00 -4.90	49.34 4.89 -0.01	45.00 4.34 -3.90	36.97 3.40 -5.18	28.44 2.59 -2.96	26.65 2.21 -4.03
NYPA_HARLEM__RVR__GT2 24161	23.43 1.85 -1.30	19.10 1.59 -0.01	21.40 1.11 -7.41	19.67 0.99 -7.18	22.61 1.01 -9.68	23.42 1.36 -5.84	28.73 2.66 -0.01	30.24 2.81 -1.19	30.13 3.04 -0.65	33.85 3.33 -0.79	40.91 3.55 -5.95	37.19 3.67 -0.19	41.71 4.00 -0.69	45.00 4.16 -3.00	49.56 4.37 -6.17	45.00 4.74 0.60	53.97 5.09 -5.71	54.25 5.23 -5.42	52.67 5.00 -4.90	49.34 4.89 -0.01	45.00 4.34 -3.90	36.97 3.40 -5.18	28.44 2.59 -2.96	26.65 2.21 -4.03
NYPA_KENT____GT 24152	23.41 1.83 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.64 0.95 -7.18	22.57 0.98 -9.68	23.37 1.31 -5.84	28.75 2.68 -0.01	35.70 2.78 -6.67	43.62 3.07 -14.11	44.02 3.36 -10.94	44.84 3.61 -9.81	45.35 3.73 -8.28	48.31 4.11 -7.19	49.88 4.27 -7.76	49.88 4.49 -6.38	52.88 4.86 -7.15	54.28 5.22 -5.90	54.60 5.41 -5.60	52.93 5.17 -4.99	49.70 5.24 -0.02	45.86 4.45 -4.65	44.56 3.49 -12.68	43.98 2.63 -18.45	29.18 2.21 -6.56
NYPA_POUCH1____GT 24155	23.41 1.83 -1.30	19.08 1.58 -0.01	21.38 1.08 -7.41	19.64 0.95 -7.18	22.57 0.98 -9.68	23.38 1.33 -5.84	28.75 2.68 -0.01	35.68 2.68 -6.75	45.26 2.96 -15.86	45.13 3.27 -12.14	46.25 3.55 -11.28	47.15 3.67 -10.15	50.55 4.04 -9.50	50.98 4.20 -8.94	49.89 4.41 -6.46	52.98 4.86 -7.25	54.85 5.22 -6.47	55.19 5.41 -6.18	55.23 5.22 -7.25	50.52 5.29 -0.79	45.92 4.45 -4.71	45.49 3.46 -13.64	47.27 2.59 -21.79	29.17 2.16 -6.59
NYPA_VERNON____GT2 24162	23.39 1.81 -1.30	19.06 1.56 -0.01	21.36 1.07 -7.41	19.64 0.95 -7.18	22.58 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.96 3.07 -14.45	44.21 3.36 -11.13	45.14 3.61 -10.11	45.35 3.73 -8.28	48.28 4.07 -7.19	49.84 4.24 -7.76	49.84 4.45 -6.38	52.84 4.82 -7.15	54.24 5.18 -5.90	54.56 5.36 -5.60	52.84 5.09 -4.99	49.61 5.15 -0.02	45.79 4.37 -4.65	44.67 3.43 -12.85	44.64 2.61 -19.13	29.18 2.21 -6.56
NYPA_VERNON____GT3 24163	23.39 1.81 -1.30	19.06 1.56 -0.01	21.36 1.07 -7.41	19.64 0.95 -7.18	22.58 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.96 3.07 -14.45	44.21 3.36 -11.13	45.14 3.61 -10.11	45.35 3.73 -8.28	48.28 4.07 -7.19	49.84 4.24 -7.76	49.84 4.45 -6.38	52.84 4.82 -7.15	54.24 5.18 -5.90	54.56 5.36 -5.60	52.84 5.09 -4.99	49.61 5.15 -0.02	45.79 4.37 -4.65	44.67 3.43 -12.85	44.64 2.61 -19.13	29.18 2.21 -6.56
NYPA____ASTORIA_CC1 323568	23.39 1.81 -1.30	19.06 1.56 -0.01	21.38 1.08 -7.41	19.64 0.95 -7.18	22.57 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.25 3.04 -13.77	43.80 3.33 -10.74	44.49 3.55 -9.52	45.31 3.70 -8.28	48.24 4.04 -7.19	49.80 4.20 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.75 4.34 -4.65	44.30 3.40 -12.51	43.25 2.59 -17.77	29.18 2.21 -6.56
NYPA____ASTORIA_CC2 323569	23.39 1.81 -1.30	19.06 1.56 -0.01	21.38 1.08 -7.41	19.64 0.95 -7.18	22.57 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.25 3.04 -13.77	43.80 3.33 -10.74	44.49 3.55 -9.52	45.31 3.70 -8.28	48.24 4.04 -7.19	49.80 4.20 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.75 4.34 -4.65	44.30 3.40 -12.51	43.25 2.59 -17.77	29.18 2.21 -6.56
NYPA____HOLTSVILL 23794	39.69 2.03 -17.37	36.19 1.77 -16.93	28.64 1.26 -14.48	27.57 1.13 -14.93	27.64 1.16 -14.57	33.81 1.52 -16.08	42.04 2.97 -13.01	43.24 3.17 -13.82	42.82 3.36 -13.02	44.36 3.66 -10.97	46.98 3.74 -11.82	46.01 3.90 -8.78	47.97 4.22 -6.73	48.48 4.43 -6.21	50.34 4.60 -6.72	59.34 5.07 -13.41	65.29 5.48 -16.64	65.56 5.67 -16.29	83.61 5.43 -35.41	83.59 5.51 -33.64	55.92 4.59 -14.56	45.20 3.52 -13.29	40.55 2.88 -14.77	39.26 2.47 -16.37
NYPA____HELLGATE_GT1 24158	23.43 1.85 -1.30	19.10 1.59 -0.01	21.40 1.11 -7.41	19.67 0.99 -7.18	22.61 1.01 -9.68	23.42 1.36 -5.84	28.73 2.66 -0.01	40.83 2.81 -11.77	41.97 3.04 -12.49	48.48 3.33 -15.42	35.28 3.55 -0.31	40.00 3.67 -3.00	54.25 4.00 -13.23	45.78 4.16 -3.77	49.56 4.37 -6.17	46.29 4.74 -0.69	53.97 5.09 -5.71	54.25 5.23 -5.42	52.67 5.00 -4.90	49.34 4.89 -0.01	45.00 4.34 -3.90	36.97 3.40 -5.18	40.74 2.59 -15.26	31.56 2.21 -8.94



NYPA_____HELLGATE_GT2 24159	23.43 1.85 -1.30	19.10 1.59 -0.01	21.40 1.11 -7.41	19.67 0.99 -7.18	22.61 1.01 -9.68	23.42 1.36 -5.84	28.73 2.66 -0.01	40.83 2.81 -11.77	41.97 3.04 -12.49	48.48 3.33 -15.42	35.28 3.55 -0.31	40.00 3.67 -3.00	54.25 4.00 -13.23	45.78 4.16 -3.77	49.56 4.37 -6.17	46.29 4.74 -0.69	53.97 5.09 -5.71	54.25 5.23 -5.42	52.67 5.00 -4.90	49.34 4.89 -0.01	45.00 4.34 -3.90	36.97 3.40 -5.18	40.74 2.59 -15.26	31.56 2.21 -8.94
NYS_BARGE____HYD 23848	19.76 -0.57 -0.04	17.23 -0.25 0.03	13.15 -0.22 -0.48	11.85 -0.12 -0.46	12.41 -0.13 -0.62	16.45 -0.11 -0.35	25.79 -0.16 0.11	25.39 -0.79 0.07	25.38 -1.06 0.00	28.51 -1.22 0.00	30.51 -0.91 0.00	32.67 -0.67 0.00	36.20 -0.81 0.00	36.71 -1.13 0.00	38.08 -0.94 0.00	39.31 -1.55 0.00	41.35 -1.81 0.00	41.27 -2.00 0.32	40.45 -1.79 0.52	42.60 -1.51 0.33	34.69 -1.84 0.24	26.51 -1.73 0.14	21.41 -1.56 -0.07	19.79 -0.82 -0.20
O.H._GEN_BRUCE 24063	18.35 -0.57 1.37	15.30 -0.30 1.90	13.16 -0.26 -0.53	11.87 -0.15 -0.51	12.44 -0.17 -0.69	15.00 -0.18 1.03	20.70 -0.21 5.15	24.89 -0.63 0.73	24.89 -0.85 0.70	24.64 -1.01 4.07	24.96 -0.78 5.67	22.38 -0.57 10.39	22.50 -0.70 13.81	23.90 -0.91 13.03	23.36 -0.74 14.92	24.30 -1.27 15.30	27.60 -1.55 14.01	27.60 -1.66 14.34	27.41 -1.58 13.78	26.95 -1.33 16.16	24.00 -1.51 11.25	22.95 -1.42 4.02	21.14 -1.26 0.50	17.88 -0.78 1.76
OAK ORCHARD____HYD 24046	20.15 -0.16 -0.03	17.44 -0.03 0.03	13.21 -0.08 -0.40	11.88 -0.01 -0.38	12.42 -0.01 -0.52	16.54 0.05 -0.28	26.02 0.08 0.11	26.24 0.08 0.08	26.05 -0.32 0.07	29.24 -0.39 0.10	31.17 -0.13 0.13	33.36 0.17 0.13	37.02 0.19 0.18	37.31 -0.34 0.19	38.47 -0.35 0.19	39.99 -0.66 0.22	42.07 -0.82 0.27	42.35 -0.92 0.33	41.54 -0.73 0.50	43.74 -0.36 0.35	35.78 -0.73 0.25	27.45 -0.79 0.14	22.18 -0.75 -0.05	20.16 -0.41 -0.15
OCC_CHEM____DRP 24175	19.56 -0.77 -0.04	17.03 -0.44 0.03	13.03 -0.35 -0.49	11.75 -0.23 -0.48	12.31 -0.25 -0.64	16.28 -0.29 -0.36	25.48 -0.47 0.11	25.13 -1.05 0.07	25.17 -1.27 0.00	28.24 -1.49 0.00	30.19 -1.23 0.00	32.33 -1.00 0.00	35.83 -1.19 0.00	36.40 -1.44 0.00	37.73 -1.29 0.00	38.99 -1.88 0.00	41.00 -2.16 0.00	40.97 -2.31 0.32	40.11 -2.14 0.52	42.20 -1.91 0.33	34.43 -2.09 0.24	26.32 -1.93 0.14	21.30 -1.67 -0.08	19.56 -1.06 -0.20
OLIN_CORP_DRP 24177	19.56 -0.77 -0.04	17.03 -0.44 0.03	13.03 -0.35 -0.49	11.75 -0.23 -0.48	12.31 -0.25 -0.64	16.28 -0.29 -0.36	25.48 -0.47 0.11	25.13 -1.05 0.07	25.17 -1.27 0.00	28.24 -1.49 0.00	30.19 -1.23 0.00	32.33 -1.00 0.00	35.83 -1.19 0.00	36.40 -1.44 0.00	37.73 -1.29 0.00	38.99 -1.88 0.00	41.00 -2.16 0.00	40.97 -2.31 0.32	40.11 -2.14 0.52	42.20 -1.91 0.33	34.43 -2.09 0.24	26.32 -1.93 0.14	21.30 -1.67 -0.08	19.56 -1.06 -0.20
OLIN_CORP_DSASP 323712	19.56 -0.77 -0.04	17.03 -0.44 0.03	13.03 -0.35 -0.49	11.75 -0.23 -0.48	12.31 -0.25 -0.64	16.28 -0.29 -0.36	25.48 -0.47 0.11	25.13 -1.05 0.07	25.17 -1.27 0.00	28.24 -1.49 0.00	30.19 -1.23 0.00	32.33 -1.00 0.00	35.83 -1.19 0.00	36.40 -1.44 0.00	37.73 -1.29 0.00	38.99 -1.88 0.00	41.00 -2.16 0.00	40.97 -2.31 0.32	40.11 -2.14 0.52	42.20 -1.91 0.33	34.43 -2.09 0.24	26.32 -1.93 0.14	21.30 -1.67 -0.08	19.56 -1.06 -0.20
ONEIDA_HERK_LFGE 323681	20.36 0.43 0.36	17.59 0.33 0.24	13.07 0.18 0.00	11.66 0.16 0.00	12.10 0.18 0.00	16.32 0.37 0.26	25.66 0.57 0.97	25.81 0.55 0.99	32.21 0.63 -5.14	37.03 1.07 -6.24	36.50 0.82 -4.26	40.71 0.97 -6.42	41.99 1.03 -3.93	42.82 1.06 -3.92	46.44 1.09 -6.33	45.57 1.06 -3.64	43.54 0.99 0.61	41.63 0.87 2.84	41.08 1.07 2.75	42.71 1.20 2.93	35.42 0.77 2.12	27.78 0.62 1.23	22.76 0.50 0.64	20.41 0.37 0.38
ONONDAGA_REF_OCCRA 23987	20.55 0.28 0.02	17.68 0.23 0.05	13.31 0.13 -0.29	11.91 0.13 -0.28	12.42 0.13 -0.38	16.64 0.26 -0.18	26.21 0.34 0.19	26.37 0.29 0.17	27.55 0.16 -0.96	31.10 0.21 -1.16	32.46 0.25 -0.79	34.82 0.30 -1.19	38.07 0.33 -0.72	38.86 0.30 -0.72	40.46 0.28 -1.17	41.69 0.16 -0.66	43.15 0.13 0.14	43.22 0.18 0.56	42.32 0.21 0.66	44.14 0.27 0.57	36.50 0.15 0.41	28.26 0.11 0.24	22.99 0.14 0.04	20.65 0.16 -0.07
ONONDAGA____COGEN 23986	20.52 0.24 0.01	17.67 0.21 0.04	13.28 0.10 -0.29	11.89 0.10 -0.28	12.41 0.12 -0.37	16.62 0.23 -0.18	26.15 0.26 0.17	26.17 0.08 0.15	27.23 -0.13 -0.93	30.73 -0.12 -1.12	32.09 -0.09 -0.76	34.45 -0.03 -1.15	37.68 -0.04 -0.70	38.43 -0.11 -0.70	40.00 -0.16 -1.13	41.27 -0.24 -0.64	42.74 -0.30 0.12	42.83 -0.26 0.51	41.94 -0.21 0.62	43.78 -0.13 0.53	36.16 -0.22 0.38	28.05 -0.11 0.22	22.91 0.05 0.03	20.59 0.10 -0.07
ONTARIO____LFGE 23819	20.58 0.26 -0.03	17.73 0.26 0.03	13.46 0.13 -0.44	12.09 0.16 -0.43	12.67 0.18 -0.58	16.88 0.36 -0.32	26.67 0.73 0.12	26.84 0.68 0.09	26.81 0.45 0.08	30.12 0.50 0.11	32.01 0.72 0.14	34.15 0.97 0.14	37.89 1.07 0.20	38.50 0.87 0.21	39.75 0.93 0.21	41.28 0.65 0.24	43.43 0.56 0.29	43.80 0.57 0.36	42.91 0.68 0.54	45.00 0.93 0.37	36.94 0.44 0.27	28.37 0.14 0.16	22.92 -0.02 -0.05	20.71 0.12 -0.17
ORANGEVILLE_WT_PWR 323706	20.21 -0.14 -0.06	17.51 0.04 0.03	13.41 -0.04 -0.56	12.07 0.02 -0.55	12.65 0.00 -0.74	16.74 0.11 -0.41	26.27 0.31 0.11	26.16 -0.03 0.06	26.22 -0.21 0.00	29.46 -0.27 0.00	31.48 0.06 0.00	33.70 0.37 0.00	37.42 0.41 0.00	38.18 0.34 0.00	39.60 0.59 0.00	40.91 0.04 0.00	43.03 -0.13 0.00	43.06 -0.22 0.32	42.09 -0.13 0.55	44.29 0.18 0.33	36.16 -0.37 0.24	27.68 -0.57 0.14	22.40 -0.60 -0.10	20.47 -0.18 -0.24
OSWEGATCHIE____HYD 24044	18.14 -0.53 1.63	15.90 -0.51 1.10	12.48 -0.41 0.00	11.12 -0.38 0.00	11.57 -0.35 0.00	14.63 -0.40 1.17	21.04 -0.63 4.39	21.09 -0.68 4.48	-15.77 -0.40 41.81	-22.53 -0.06 52.19	-10.99 -0.41 42.00	-24.24 -0.37 57.21	-9.66 -0.48 46.20	-9.68 -0.49 47.03	-24.40 -0.47 62.96	-8.39 -0.53 48.73	16.91 -0.86 25.39	29.47 -1.27 12.86	29.24 -1.07 12.46	30.24 -0.94 13.27	26.24 -0.96 9.57	22.24 -0.60 5.55	19.53 -0.46 2.90	18.26 -0.45 1.71
OSWEGO____5 23606	20.16 -0.12 0.01	17.37 -0.10 0.03	12.99 -0.09 -0.19	11.61 -0.08 -0.19	12.10 -0.07 -0.25	16.27 -0.06 -0.12	25.69 -0.26 0.11	25.84 -0.31 0.10	26.04 -0.40 0.00	29.28 -0.45 0.00	30.95 -0.47 0.00	32.90 -0.43 0.00	36.53 -0.48 0.00	37.27 -0.57 0.00	38.43 -0.58 0.00	40.17 -0.69 0.00	42.43 -0.73 0.00	42.53 -0.74 0.33	41.72 -0.73 0.32	43.44 -0.67 0.34	35.89 -0.63 0.24	27.76 -0.48 0.14	22.54 -0.34 0.02	20.24 -0.22 -0.05
OSWEGO____6 23613	20.16 -0.12 0.01	17.37 -0.10 0.03	12.99 -0.09 -0.19	11.61 -0.08 -0.19	12.10 -0.07 -0.25	16.27 -0.06 -0.12	25.69 -0.26 0.11	25.84 -0.31 0.10	26.04 -0.40 0.00	29.28 -0.45 0.00	30.95 -0.47 0.00	32.90 -0.43 0.00	36.53 -0.48 0.00	37.27 -0.57 0.00	38.43 -0.58 0.00	40.17 -0.69 0.00	42.43 -0.73 0.00	42.53 -0.74 0.33	41.72 -0.73 0.32	43.44 -0.67 0.34	35.89 -0.63 0.24	27.76 -0.48 0.14	22.54 -0.34 0.02	20.24 -0.22 -0.05



OUTOKUMPU-AB___DRP 24206	20.05 -0.28 -0.05	17.45 -0.02 0.03	13.33 -0.05 -0.49	12.02 0.03 -0.48	12.58 0.01 -0.65	16.69 0.11 -0.36	26.21 0.26 0.11	25.91 -0.26 0.07	25.99 -0.45 0.00	29.16 -0.57 0.00	31.23 -0.19 0.00	33.47 0.13 0.00	37.09 0.07 0.00	37.69 -0.15 0.00	39.14 0.12 0.00	40.38 -0.49 0.00	42.47 -0.69 0.00	42.36 -0.92 0.32	41.51 -0.73 0.53	43.71 -0.40 0.33	35.49 -1.03 0.24	27.11 -1.14 0.14	21.90 -1.08 -0.08	20.15 -0.47 -0.21
OXBOW____ 24026	19.83 -0.51 -0.05	17.28 -0.19 0.03	13.20 -0.18 -0.49	11.90 -0.08 -0.48	12.45 -0.11 -0.64	16.51 -0.06 -0.36	25.90 -0.05 0.11	25.57 -0.60 0.07	25.64 -0.79 0.00	28.77 -0.95 0.00	30.79 -0.63 0.00	33.00 -0.33 0.00	36.57 -0.44 0.00	37.16 -0.68 0.00	38.55 -0.47 0.00	39.80 -1.06 0.00	41.87 -1.29 0.00	41.75 -1.53 0.32	40.92 -1.33 0.53	43.09 -1.02 0.33	35.05 -1.47 0.24	26.80 -1.45 0.14	21.64 -1.33 -0.08	19.90 -0.72 -0.20
OXY_CHEM_DSASP 323612	19.56 -0.77 -0.04	17.03 -0.44 0.03	13.03 -0.35 -0.49	11.75 -0.23 -0.48	12.31 -0.25 -0.64	16.28 -0.29 -0.36	25.48 -0.47 0.11	25.13 -1.05 0.07	25.17 -1.27 0.00	28.24 -1.49 0.00	30.19 -1.23 0.00	32.33 -1.00 0.00	35.83 -1.19 0.00	36.40 -1.44 0.00	37.73 -1.29 0.00	38.99 -1.88 0.00	41.00 -2.16 0.00	40.97 -2.31 0.32	40.11 -2.14 0.52	42.20 -1.91 0.33	34.43 -2.09 0.24	26.32 -1.93 0.14	21.30 -1.67 -0.08	19.56 -1.06 -0.20
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.56 -0.77 -0.04	17.03 -0.44 0.03	13.03 -0.35 -0.49	11.75 -0.23 -0.48	12.31 -0.25 -0.64	16.28 -0.29 -0.36	25.48 -0.47 0.11	25.13 -1.05 0.07	25.17 -1.27 0.00	28.24 -1.49 0.00	30.19 -1.23 0.00	32.33 -1.00 0.00	35.83 -1.19 0.00	36.40 -1.44 0.00	37.73 -1.29 0.00	38.99 -1.88 0.00	41.00 -2.16 0.00	40.97 -2.31 0.32	40.11 -2.14 0.52	42.20 -1.91 0.33	34.43 -2.09 0.24	26.32 -1.93 0.14	21.30 -1.67 -0.08	19.56 -1.06 -0.20
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.39 1.81 -1.30	19.06 1.56 -0.01	21.38 1.08 -7.41	19.65 0.97 -7.18	22.58 0.99 -9.68	23.38 1.33 -5.84	28.67 2.61 -0.01	29.59 2.70 -0.64	29.41 2.93 -0.04	32.97 3.21 -0.03	34.87 3.43 -0.02	36.91 3.53 -0.05	40.91 3.85 -0.04	45.23 4.01 -3.39	49.41 4.22 -6.17	45.49 4.58 -0.04	53.79 4.92 -5.71	54.12 5.10 -5.42	52.54 4.87 -4.90	49.29 4.84 -0.01	44.85 4.19 -3.90	36.86 3.29 -5.18	27.71 2.50 -2.32	26.31 2.12 -3.77
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.41 1.83 -1.30	19.10 1.59 -0.01	21.39 1.10 -7.41	19.66 0.98 -7.18	22.60 1.00 -9.68	23.40 1.34 -5.84	28.70 2.63 -0.01	29.62 2.73 -0.64	29.46 2.99 -0.04	33.03 3.27 -0.03	34.93 3.49 -0.02	36.98 3.60 -0.05	41.02 3.96 -0.04	45.35 4.13 -3.39	49.52 4.33 -6.17	45.61 4.70 -0.04	53.92 5.05 -5.71	54.25 5.23 -5.42	52.63 4.96 -4.90	49.43 4.98 -0.01	44.93 4.26 -3.90	36.92 3.35 -5.18	27.76 2.54 -2.32	26.33 2.14 -3.77
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.44 0.10 -0.05	17.75 0.28 0.03	13.56 0.14 -0.53	12.22 0.20 -0.52	12.80 0.19 -0.70	16.97 0.37 -0.39	26.79 0.83 0.11	26.68 0.50 0.07	26.78 0.34 0.00	30.05 0.33 0.00	32.11 0.69 0.00	34.40 1.07 0.00	38.13 1.11 0.00	38.86 1.02 0.00	40.35 1.33 0.00	41.64 0.77 0.00	43.77 0.60 0.00	43.72 0.44 0.32	42.74 0.52 0.54	44.95 0.84 0.33	36.60 0.07 0.24	27.99 -0.26 0.14	22.57 -0.41 -0.09	20.68 0.04 -0.22
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.29 1.64 -1.36	18.90 1.40 0.00	21.67 0.97 -7.81	19.94 0.86 -7.57	23.00 0.87 -10.21	23.52 1.15 -6.16	28.43 2.37 0.00	29.36 2.47 -0.65	29.13 2.70 0.00	32.64 2.91 0.00	34.59 3.17 0.00	36.63 3.30 0.00	40.75 3.74 0.00	41.81 3.97 0.00	43.27 4.25 0.00	45.52 4.66 0.00	48.08 4.92 0.00	48.74 5.14 0.00	49.31 4.87 -1.67	49.37 4.93 0.00	40.84 4.08 0.00	31.51 3.12 0.00	27.61 2.31 -2.40	26.29 1.92 -3.96
PEEKSKILL____ 23653	22.91 1.38 -1.24	18.69 1.19 0.00	20.83 0.81 -7.12	19.14 0.73 -6.91	21.97 0.74 -9.31	22.82 0.99 -5.62	28.12 2.06 0.00	29.05 2.21 -0.59	28.84 2.41 0.00	32.34 2.62 0.00	34.21 2.80 0.00	36.23 2.90 0.00	40.24 3.22 0.00	41.28 3.44 0.00	42.65 3.63 0.00	44.83 3.96 0.00	47.44 4.27 0.00	48.05 4.45 0.00	48.35 4.19 -1.39	48.62 4.18 0.00	40.26 3.49 0.00	31.11 2.73 0.00	27.13 2.04 -2.19	25.74 1.72 -3.61
PGE MADISON___WINDPWR 24146	21.90 1.50 -0.11	18.72 1.24 0.03	14.53 0.79 -0.85	13.05 0.71 -0.83	13.76 0.73 -1.12	18.19 1.33 -0.65	28.20 2.24 0.10	28.34 2.13 0.04	28.61 2.25 0.07	32.93 3.30 0.10	34.28 2.99 0.13	36.60 3.40 0.14	40.53 3.70 0.18	41.39 3.75 0.19	42.76 3.94 0.19	44.36 3.72 0.22	46.52 3.63 0.27	46.97 3.70 0.34	46.13 4.02 0.66	48.49 4.40 0.35	39.64 3.12 0.25	30.48 2.24 0.15	24.77 1.72 -0.16	22.20 1.45 -0.34
PIERCEFIELD___HYD 23852	16.75 -1.16 2.39	14.84 -1.05 1.61	12.12 -0.77 0.00	10.77 -0.74 0.00	11.24 -0.68 0.00	13.53 -0.96 1.72	18.21 -1.41 6.45	18.22 -1.44 6.58	-3.16 -0.82 28.77	-7.24 -0.65 36.31	-0.45 -0.91 30.96	-8.38 -0.93 40.77	0.10 -1.15 35.77	0.10 -1.13 36.61	-8.69 -1.17 46.54	0.71 -1.27 38.89	15.62 -1.55 25.99	22.13 -2.57 18.89	22.03 -2.44 18.31	22.64 -2.31 19.49	20.65 -2.06 14.06	18.84 -1.39 8.15	17.53 -1.10 4.26	16.93 -0.98 2.51
PINELAWN_CC_1 323563	39.75 2.09 -17.37	36.24 1.82 -16.93	28.65 1.28 -14.48	27.57 1.13 -14.94	27.65 1.16 -14.57	33.85 1.56 -16.08	42.07 3.00 -13.01	42.98 2.91 -13.82	42.53 3.07 -13.03	44.03 3.33 -10.97	46.73 3.49 -11.82	46.65 3.60 -9.71	48.99 3.92 -8.06	49.67 4.13 -7.71	51.78 4.37 -8.39	59.94 4.78 -14.30	72.02 4.96 -23.90	72.18 5.14 -23.44	83.09 4.92 -35.41	83.06 4.98 -33.64	57.79 4.30 -16.73	46.92 3.29 -15.24	42.17 2.63 -16.65	39.53 2.23 -16.89
PJM_GEN_HTP_PROXY 323702	23.24 1.66 -1.29	18.93 1.44 0.00	21.27 0.98 -7.40	19.55 0.87 -7.17	22.48 0.89 -9.67	23.25 1.20 -5.83	28.54 2.48 0.00	35.21 2.68 -6.28	38.28 2.88 -8.96	40.71 3.15 -7.83	40.35 3.39 -5.54	44.62 3.53 -7.76	47.63 3.89 -6.73	49.23 4.13 -7.27	49.32 4.33 -5.97	52.30 4.74 -6.70	53.78 5.09 -5.52	54.07 5.23 -5.24	52.55 4.96 -4.82	49.48 5.02 -0.02	45.31 4.19 -4.35	41.31 3.21 -9.72	34.20 2.43 -8.88	28.88 2.08 -6.38
PJM_GEN_KEystone 24065	21.55 0.63 -0.63	18.08 0.61 0.03	16.79 0.35 -3.56	15.30 0.34 -3.45	16.91 0.35 -4.65	19.47 0.49 -2.78	27.10 1.15 0.10	27.90 1.05 -0.60	28.09 1.00 -0.65	31.34 1.07 -0.54	33.05 1.22 -0.40	35.03 1.40 -0.30	38.69 1.52 -0.16	39.76 1.55 -0.37	41.17 1.71 -0.43	42.99 1.64 -0.49	45.13 1.64 -0.33	45.34 1.75 0.01	42.51 1.54 1.80	45.65 1.65 0.44	38.10 1.25 -0.09	29.87 0.91 -0.57	24.99 0.59 -1.50	23.00 0.63 -1.95
PJM_GEN_NEPTUNE_PROXY 323594	31.71 1.83 -9.59	27.83 1.59 -8.74	25.06 1.11 -11.06	23.56 0.99 -11.06	25.06 1.01 -12.13	28.54 1.36 -10.97	35.20 2.63 -6.51	36.29 2.81 -7.23	35.94 2.99 -6.52	38.49 3.27 -5.49	40.73 3.39 -5.92	40.01 3.50 -3.18	42.49 3.81 -1.66	43.06 4.05 -1.17	44.48 4.25 -1.20	53.25 4.62 -7.77	50.06 4.96 -1.94	50.00 5.14 -1.26	79.58 4.87 -31.94	78.05 4.93 -28.67	45.97 4.12 -5.09	35.73 3.21 -4.13	32.07 2.54 -6.63	32.15 2.19 -9.55



PJM_GEN_VFT_PROXY 323633	23.18 1.60 -1.29	18.90 1.40 0.00	21.23 0.94 -7.40	19.51 0.84 -7.17	22.45 0.86 -9.67	23.18 1.13 -5.84	28.46 2.40 0.00	35.36 2.62 -6.49	38.49 2.78 -9.28	40.47 3.00 -7.74	40.36 3.21 -5.74	40.91 3.33 -4.25	42.88 3.67 -2.19	46.96 3.90 -5.22	49.33 4.13 -6.18	52.30 4.50 -6.94	52.67 4.83 -4.68	52.90 4.97 -4.33	47.63 4.75 -0.12	47.54 4.76 1.66	45.28 4.01 -4.51	41.54 3.09 -10.06	34.39 2.38 -9.12	28.93 2.04 -6.47
PLEASANTVLY___LBMP 24000	23.16 1.44 -1.42	18.74 1.24 0.00	21.94 0.86 -8.18	20.20 0.76 -7.93	23.40 0.79 -10.70	23.72 1.05 -6.46	28.15 2.09 0.00	29.16 2.23 -0.68	28.84 2.41 0.00	32.34 2.62 0.00	34.21 2.80 0.00	36.23 2.90 0.00	40.20 3.18 0.00	41.21 3.37 0.00	42.57 3.55 0.00	44.75 3.88 0.00	47.31 4.14 0.00	47.92 4.32 0.00	49.05 4.07 -2.22	48.53 4.09 0.00	40.26 3.49 0.00	31.08 2.70 0.00	27.45 2.04 -2.52	26.30 1.73 -4.15
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.16 1.54 -1.33	18.83 1.33 0.00	21.45 0.92 -7.64	19.73 0.82 -7.41	22.74 0.83 -9.99	23.36 1.12 -6.03	28.33 2.27 0.00	29.35 2.47 -0.64	29.16 2.72 0.00	32.70 2.97 0.00	34.62 3.21 0.00	36.63 3.30 0.00	40.68 3.67 0.00	41.74 3.90 0.00	43.11 4.10 0.00	45.36 4.50 0.00	48.04 4.88 0.00	48.66 5.06 0.00	49.88 4.79 -2.32	49.29 4.84 0.00	40.77 4.01 0.00	31.42 3.04 0.00	27.51 2.27 -2.35	26.21 1.92 -3.87
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.25 1.54 -1.42	18.83 1.33 0.00	21.95 0.93 -8.13	20.20 0.82 -7.88	23.38 0.83 -10.63	23.73 1.10 -6.41	28.30 2.24 0.00	29.21 2.28 -0.68	28.84 2.41 0.00	32.31 2.58 0.00	34.18 2.77 0.00	36.20 2.87 0.00	40.27 3.26 0.00	41.32 3.48 0.00	42.65 3.63 0.00	44.87 4.01 0.00	47.44 4.27 0.00	48.09 4.49 0.00	48.33 4.23 -1.33	48.75 4.31 0.00	40.33 3.57 0.00	31.11 2.73 0.00	27.46 2.06 -2.50	26.31 1.78 -4.12
POLETTI____ 23519	23.24 1.66 -1.29	18.93 1.44 0.00	21.27 0.98 -7.40	19.54 0.86 -7.17	22.47 0.88 -9.67	23.23 1.18 -5.84	28.54 2.48 0.00	35.41 2.68 -6.49	38.54 2.83 -9.28	40.96 3.12 -8.11	40.48 3.33 -5.73	44.83 3.47 -8.03	47.83 3.85 -6.97	49.42 4.05 -7.53	49.49 4.29 -6.18	52.46 4.66 -6.94	53.89 5.00 -5.72	54.21 5.19 -5.43	52.59 4.92 -4.91	49.48 5.02 -0.02	45.39 4.12 -4.51	41.63 3.18 -10.06	34.41 2.40 -9.12	28.97 2.08 -6.47
PORT_JEFF_3 23555	39.73 2.07 -17.37	36.23 1.80 -16.93	28.66 1.29 -14.48	27.58 1.14 -14.93	27.67 1.18 -14.57	33.85 1.56 -16.08	42.09 3.02 -13.01	43.27 3.20 -13.82	42.87 3.41 -13.02	44.39 3.69 -10.97	46.98 3.74 -11.82	45.98 3.86 -8.79	47.98 4.22 -6.75	48.50 4.43 -6.23	50.32 4.56 -6.74	59.31 5.03 -13.42	65.33 5.44 -16.73	65.60 5.63 -16.38	83.52 5.35 -35.41	83.54 5.46 -33.64	55.91 4.56 -14.59	45.22 3.52 -13.32	40.62 2.93 -14.79	39.30 2.51 -16.38
PORT_JEFF_4 23616	39.73 2.07 -17.37	36.23 1.80 -16.93	28.66 1.29 -14.48	27.58 1.14 -14.93	27.67 1.18 -14.57	33.85 1.56 -16.08	42.09 3.02 -13.01	43.27 3.20 -13.82	42.87 3.41 -13.02	44.39 3.69 -10.97	46.98 3.74 -11.82	45.98 3.86 -8.79	47.98 4.22 -6.75	48.50 4.43 -6.23	50.32 4.56 -6.74	59.31 5.03 -13.42	65.33 5.44 -16.73	65.60 5.63 -16.38	83.52 5.35 -35.41	83.54 5.46 -33.64	55.91 4.56 -14.59	45.22 3.52 -13.32	40.62 2.93 -14.79	39.30 2.51 -16.38
PORT_JEFF_IC 23713	39.81 2.15 -17.37	36.30 1.87 -16.93	28.70 1.33 -14.48	27.62 1.19 -14.93	27.71 1.22 -14.57	33.89 1.61 -16.08	42.20 3.13 -13.01	43.40 3.33 -13.82	42.98 3.52 -13.02	44.54 3.84 -10.97	47.17 3.93 -11.82	46.25 4.10 -8.82	48.32 4.51 -6.79	48.85 4.73 -6.28	50.62 4.80 -6.80	59.59 5.27 -13.45	65.84 5.70 -16.98	66.11 5.88 -16.62	83.82 5.64 -35.41	83.81 5.74 -33.64	56.22 4.81 -14.65	45.52 3.75 -13.38	40.81 3.07 -14.84	39.42 2.61 -16.39
PPL PILGRIM_ST_GT1 24216	39.75 2.09 -17.37	36.26 1.84 -16.93	28.67 1.30 -14.48	27.60 1.16 -14.93	27.69 1.20 -14.57	33.88 1.59 -16.08	42.17 3.10 -13.01	43.35 3.28 -13.82	42.92 3.46 -13.03	44.45 3.75 -10.97	47.10 3.86 -11.82	46.24 3.96 -8.95	48.02 4.04 -6.97	48.41 4.09 -6.48	50.37 4.33 -7.02	59.21 4.78 -13.57	66.25 5.13 -17.95	66.50 5.32 -17.58	83.26 5.09 -35.41	83.14 5.06 -33.64	55.91 4.26 -14.88	45.58 3.55 -13.64	40.88 2.93 -15.05	39.38 2.51 -16.45
PPL PILGRIM_ST_GT2 24217	39.75 2.09 -17.37	36.26 1.84 -16.93	28.67 1.30 -14.48	27.60 1.16 -14.93	27.69 1.20 -14.57	33.88 1.59 -16.08	42.17 3.10 -13.01	43.35 3.28 -13.82	42.92 3.46 -13.03	44.45 3.75 -10.97	47.10 3.86 -11.82	46.24 3.96 -8.95	48.02 4.04 -6.97	48.41 4.09 -6.48	50.37 4.33 -7.02	59.21 4.78 -13.57	66.25 5.13 -17.95	66.50 5.32 -17.58	83.26 5.09 -35.41	83.14 5.06 -33.64	55.91 4.26 -14.88	45.58 3.55 -13.64	40.88 2.93 -15.05	39.38 2.51 -16.45
PPL_SHRM_GT3 24213	39.85 2.19 -17.37	36.33 1.91 -16.93	28.74 1.37 -14.48	27.66 1.22 -14.93	27.74 1.25 -14.57	33.94 1.65 -16.08	42.27 3.20 -13.01	43.51 3.44 -13.82	43.11 3.65 -13.02	44.71 4.01 -10.97	47.39 4.15 -11.82	46.50 4.37 -8.80	48.59 4.81 -6.77	49.12 5.03 -6.25	51.05 5.27 -6.77	60.14 5.84 -13.43	66.30 6.30 -16.84	66.58 6.50 -16.48	84.46 6.29 -35.41	84.52 6.44 -33.64	56.70 5.33 -14.61	45.70 3.97 -13.34	40.91 3.20 -14.81	39.52 2.72 -16.39
PPL_SHRM_GT4 24214	39.85 2.19 -17.37	36.33 1.91 -16.93	28.74 1.37 -14.48	27.66 1.22 -14.93	27.74 1.25 -14.57	33.94 1.65 -16.08	42.27 3.20 -13.01	43.51 3.44 -13.82	43.11 3.65 -13.02	44.71 4.01 -10.97	47.39 4.15 -11.82	46.50 4.37 -8.80	48.59 4.81 -6.77	49.12 5.03 -6.25	51.05 5.27 -6.77	60.14 5.84 -13.43	66.30 6.30 -16.84	66.58 6.50 -16.48	84.46 6.29 -35.41	84.52 6.44 -33.64	56.70 5.33 -14.61	45.70 3.97 -13.34	40.91 3.20 -14.81	39.52 2.72 -16.39
PROJECT___ORANGE 1 24174	20.43 0.18 0.04	17.59 0.14 0.05	13.18 0.06 -0.22	11.79 0.07 -0.21	12.29 0.08 -0.29	16.51 0.18 -0.12	26.03 0.18 0.21	26.18 0.13 0.20	27.50 0.00 -1.06	30.99 -0.03 -1.29	32.32 0.03 -0.87	34.75 0.10 -1.32	37.93 0.11 -0.80	38.67 0.04 -0.80	40.35 0.04 -1.30	41.52 -0.08 -0.73	42.88 -0.13 0.16	42.85 -0.13 0.62	42.08 -0.09 0.60	43.76 -0.04 0.64	36.16 -0.15 0.46	28.03 -0.08 0.27	22.80 -0.02 0.07	20.48 0.04 -0.03
PROJECT___ORANGE 2 24166	20.43 0.18 0.04	17.59 0.14 0.05	13.18 0.06 -0.22	11.79 0.07 -0.21	12.29 0.08 -0.29	16.51 0.18 -0.12	26.03 0.18 0.21	26.18 0.13 0.20	27.50 0.00 -1.06	30.99 -0.03 -1.29	32.32 0.03 -0.87	34.75 0.10 -1.32	37.93 0.11 -0.80	38.67 0.04 -0.80	40.35 0.04 -1.30	41.52 -0.08 -0.73	42.88 -0.13 0.16	42.85 -0.13 0.62	42.08 -0.09 0.60	43.76 -0.04 0.64	36.16 -0.15 0.46	28.03 -0.08 0.27	22.80 -0.02 0.07	20.48 0.04 -0.03
PYRITES___HYD 24023	16.78 -1.06 2.45	14.89 -0.96 1.65	12.18 -0.71 0.00	10.83 -0.68 0.00	11.27 -0.64 0.00	13.57 -0.88 1.77	18.19 -1.25 6.62	18.21 -1.29 6.76	-1.93 -0.69 27.68	-5.64 -0.39 34.98	0.64 -0.75 30.03	-6.79 -0.73 39.39	1.24 -0.89 34.89	1.20 -0.91 35.73	-7.08 -0.94 45.16	1.79 -1.02 38.06	15.87 -1.25 26.04	21.89 -2.31 19.40	21.83 -2.14 18.80	22.43 -2.00 20.01	20.49 -1.84 14.43	18.77 -1.25 8.37	17.51 -1.01 4.38	16.92 -0.92 2.57



RAMAPO____LBMP 323565	22.72 1.30 -1.13	18.62 1.12 0.00	20.12 0.76 -6.47	18.45 0.68 -6.27	21.06 0.69 -8.45	22.23 0.92 -5.10	28.02 1.96 0.00	28.86 2.07 -0.54	28.66 2.22 0.00	32.11 2.38 0.00	33.96 2.54 0.00	36.00 2.67 0.00	39.98 2.96 0.00	40.98 3.14 0.00	42.33 3.31 0.00	44.46 3.60 0.00	47.05 3.89 0.00	47.66 4.06 0.00	43.32 3.80 3.25	48.26 3.82 0.00	39.96 3.20 0.00	30.88 2.50 0.00	26.76 1.88 -1.99	25.31 1.61 -3.28
RANKINE____ 23646	20.18 -0.16 -0.05	17.54 0.07 0.03	13.40 -0.01 -0.52	12.08 0.07 -0.50	12.64 0.05 -0.68	16.77 0.18 -0.38	26.39 0.44 0.11	26.21 0.03 0.07	26.31 -0.13 0.00	29.55 -0.18 0.00	31.58 0.16 0.00	33.83 0.50 0.00	37.53 0.52 0.00	38.22 0.38 0.00	39.68 0.66 0.00	40.95 0.08 0.00	43.03 -0.13 0.00	42.98 -0.30 0.32	42.06 -0.17 0.53	44.24 0.13 0.33	36.01 -0.51 0.24	27.51 -0.74 0.14	22.20 -0.78 -0.09	20.37 -0.27 -0.22
RAVENSWOOD_GT2_1 24244	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.84	28.59 2.53 0.00	35.65 2.73 -6.67	38.94 2.93 -9.57	41.31 3.21 -8.37	40.76 3.43 -5.92	45.22 3.60 -8.28	48.17 3.96 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.76 4.74 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.68 4.26 -4.65	42.06 3.29 -10.38	34.72 2.50 -9.33	29.10 2.12 -6.56
RAVENSWOOD_GT2_2 24245	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.84	28.59 2.53 0.00	35.65 2.73 -6.67	38.94 2.93 -9.57	41.31 3.21 -8.37	40.76 3.43 -5.92	45.22 3.60 -8.28	48.17 3.96 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.76 4.74 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.68 4.26 -4.65	42.06 3.29 -10.38	34.72 2.50 -9.33	29.10 2.12 -6.56
RAVENSWOOD_GT2_3 24246	23.30 1.72 -1.29	18.99 1.49 0.00	21.31 1.02 -7.40	19.58 0.91 -7.17	22.52 0.93 -9.67	23.29 1.25 -5.84	28.61 2.56 0.00	35.67 2.76 -6.67	38.97 2.96 -9.57	41.34 3.24 -8.37	40.79 3.46 -5.92	45.25 3.63 -8.28	48.20 4.00 -7.19	49.80 4.20 -7.76	49.84 4.45 -6.38	52.84 4.82 -7.15	54.24 5.18 -5.90	54.52 5.32 -5.60	52.84 5.09 -4.99	49.61 5.15 -0.02	45.71 4.30 -4.65	42.09 3.32 -10.38	34.74 2.52 -9.33	29.12 2.14 -6.56
RAVENSWOOD_GT2_4 24247	23.30 1.72 -1.29	18.99 1.49 0.00	21.31 1.02 -7.40	19.58 0.91 -7.17	22.52 0.93 -9.67	23.29 1.25 -5.84	28.61 2.56 0.00	35.67 2.76 -6.67	38.97 2.96 -9.57	41.34 3.24 -8.37	40.79 3.46 -5.92	45.25 3.63 -8.28	48.20 4.00 -7.19	49.80 4.20 -7.76	49.84 4.45 -6.38	52.84 4.82 -7.15	54.24 5.18 -5.90	54.52 5.32 -5.60	52.84 5.09 -4.99	49.61 5.15 -0.02	45.71 4.30 -4.65	42.09 3.32 -10.38	34.74 2.52 -9.33	29.12 2.14 -6.56
RAVENSWOOD_GT3_1 24248	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.84	28.59 2.53 0.00	35.65 2.73 -6.67	38.94 2.93 -9.57	41.31 3.21 -8.37	40.79 3.46 -5.92	45.22 3.60 -8.28	48.17 3.96 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.68 4.26 -4.65	42.06 3.29 -10.38	34.72 2.50 -9.33	29.10 2.12 -6.56
RAVENSWOOD_GT3_2 24249	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.84	28.59 2.53 0.00	35.65 2.73 -6.67	38.94 2.93 -9.57	41.31 3.21 -8.37	40.79 3.46 -5.92	45.22 3.60 -8.28	48.17 3.96 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.68 4.26 -4.65	42.06 3.29 -10.38	34.72 2.50 -9.33	29.10 2.12 -6.56
RAVENSWOOD_GT3_3 24250	23.32 1.75 -1.29	19.00 1.51 0.00	21.32 1.03 -7.40	19.58 0.91 -7.17	22.52 0.93 -9.67	23.29 1.25 -5.84	28.64 2.58 0.00	35.70 2.78 -6.67	38.99 2.99 -9.57	41.36 3.27 -8.37	40.82 3.49 -5.92	45.25 3.63 -8.28	48.24 4.04 -7.19	49.84 4.24 -7.76	49.88 4.49 -6.38	52.88 4.86 -7.15	54.28 5.22 -5.90	54.56 5.36 -5.60	52.84 5.09 -4.99	49.65 5.20 -0.02	45.71 4.30 -4.65	42.09 3.32 -10.38	34.74 2.52 -9.33	29.14 2.16 -6.56
RAVENSWOOD_GT3_4 24251	23.32 1.75 -1.29	19.00 1.51 0.00	21.32 1.03 -7.40	19.58 0.91 -7.17	22.52 0.93 -9.67	23.29 1.25 -5.84	28.64 2.58 0.00	35.70 2.78 -6.67	38.99 2.99 -9.57	41.36 3.27 -8.37	40.82 3.49 -5.92	45.25 3.63 -8.28	48.24 4.04 -7.19	49.84 4.24 -7.76	49.88 4.49 -6.38	52.88 4.86 -7.15	54.28 5.22 -5.90	54.56 5.36 -5.60	52.84 5.09 -4.99	49.65 5.20 -0.02	45.71 4.30 -4.65	42.09 3.32 -10.38	34.74 2.52 -9.33	29.14 2.16 -6.56
RAVENSWOOD_GT_1 23729	23.39 1.81 -1.30	19.06 1.56 -0.01	21.36 1.07 -7.41	19.64 0.95 -7.18	22.58 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.96 3.07 -14.45	44.21 3.36 -11.13	45.14 3.61 -10.11	45.35 3.73 -8.28	48.28 4.07 -7.19	49.84 4.24 -7.76	49.84 4.45 -6.38	52.84 4.82 -7.15	54.24 5.18 -5.90	54.56 5.36 -5.60	52.84 5.09 -4.99	49.61 5.15 -0.02	45.79 4.37 -4.65	44.67 3.43 -12.85	44.64 2.61 -19.13	29.18 2.21 -6.56
RAVENSWOOD_GT_10 24258	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.83	28.59 2.53 0.00	35.65 2.73 -6.67	38.53 2.93 -9.16	41.07 3.21 -8.14	40.40 3.43 -5.56	45.18 3.57 -8.28	48.17 3.96 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.68 4.26 -4.65	41.82 3.26 -10.17	33.89 2.50 -8.50	29.10 2.12 -6.56
RAVENSWOOD_GT_11 24259	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.83	28.59 2.53 0.00	35.65 2.73 -6.67	38.53 2.93 -9.16	41.07 3.21 -8.14	40.40 3.43 -5.56	45.18 3.57 -8.28	48.17 3.96 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.68 4.26 -4.65	41.82 3.26 -10.17	33.89 2.50 -8.50	29.10 2.12 -6.56
RAVENSWOOD_GT_4 24252	23.26 1.68 -1.28	18.95 1.45 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.66	23.26 1.22 -5.83	28.56 2.50 0.01	35.65 2.73 -6.67	36.19 2.91 -6.84	39.74 3.18 -6.83	38.42 3.43 -3.58	45.18 3.57 -8.28	48.13 3.92 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.52 5.06 -0.02	45.64 4.23 -4.65	40.65 3.26 -9.00	29.22 2.47 -3.86	29.10 2.12 -6.56
RAVENSWOOD_GT_5 24254	23.26 1.68 -1.28	18.95 1.45 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.66	23.26 1.22 -5.83	28.56 2.50 0.01	35.65 2.73 -6.67	36.19 2.91 -6.84	39.74 3.18 -6.83	38.42 3.43 -3.58	45.18 3.57 -8.28	48.13 3.92 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.52 5.06 -0.02	45.64 4.23 -4.65	40.65 3.26 -9.00	29.22 2.47 -3.86	29.10 2.12 -6.56



RAVENSWOOD_GT_6 24253	23.26 1.68 -1.28	18.95 1.45 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.66	23.26 1.22 -5.83	28.56 2.50 0.01	35.65 2.73 -6.67	36.19 2.91 -6.84	39.74 3.18 -6.83	38.42 3.43 -3.58	45.18 3.57 -8.28	48.13 3.92 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.52 5.06 -0.02	45.64 4.23 -4.65	40.65 3.26 -9.00	29.22 2.47 -3.86	29.10 2.12 -6.56
RAVENSWOOD_GT_7 24255	23.26 1.68 -1.28	18.95 1.45 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.66	23.26 1.22 -5.83	28.56 2.50 0.01	35.65 2.73 -6.67	36.19 2.91 -6.84	39.74 3.18 -6.83	38.42 3.43 -3.58	45.18 3.57 -8.28	48.13 3.92 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.52 5.06 -0.02	45.64 4.23 -4.65	40.65 3.26 -9.00	29.22 2.47 -3.86	29.10 2.12 -6.56
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.83	28.59 2.53 0.00	35.65 2.73 -6.67	38.53 2.93 -9.16	41.07 3.21 -8.14	40.40 3.43 -5.56	45.18 3.57 -8.28	48.17 3.96 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.68 4.26 -4.65	41.82 3.26 -10.17	33.89 2.50 -8.50	29.10 2.12 -6.56
RAVENSWOOD_GT_9 24257	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.83	28.59 2.53 0.00	35.65 2.73 -6.67	38.53 2.93 -9.16	41.07 3.21 -8.14	40.40 3.43 -5.56	45.18 3.57 -8.28	48.17 3.96 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.76 5.00 -4.99	49.57 5.11 -0.02	45.68 4.26 -4.65	41.82 3.26 -10.17	33.89 2.50 -8.50	29.10 2.12 -6.56
RAVENSWOOD___1 23533	23.39 1.81 -1.30	19.06 1.56 -0.01	21.36 1.07 -7.41	19.64 0.95 -7.18	22.57 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.73 2.81 -6.67	43.26 3.04 -13.78	43.80 3.33 -10.75	44.53 3.58 -9.53	45.31 3.70 -8.28	48.28 4.07 -7.19	49.84 4.24 -7.76	49.84 4.45 -6.38	52.84 4.82 -7.15	54.24 5.18 -5.90	54.52 5.32 -5.60	52.84 5.09 -4.99	49.61 5.15 -0.02	45.79 4.37 -4.65	44.30 3.40 -12.51	43.26 2.59 -17.78	29.16 2.19 -6.56
RAVENSWOOD___2 23534	23.39 1.81 -1.30	19.06 1.56 -0.01	21.36 1.07 -7.41	19.64 0.95 -7.18	22.57 0.98 -9.68	23.37 1.31 -5.84	28.73 2.66 -0.01	35.70 2.78 -6.67	43.24 3.04 -13.76	43.79 3.33 -10.74	44.48 3.55 -9.51	45.31 3.70 -8.28	48.24 4.04 -7.19	49.80 4.20 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.52 5.32 -5.60	52.80 5.04 -4.99	49.61 5.15 -0.02	45.75 4.34 -4.65	44.29 3.40 -12.50	43.23 2.59 -17.75	29.16 2.19 -6.56
RAVENSWOOD___3 23535	23.28 1.70 -1.29	18.97 1.47 0.00	21.29 1.01 -7.40	19.57 0.90 -7.17	22.51 0.92 -9.67	23.28 1.23 -5.84	28.59 2.53 0.00	35.65 2.73 -6.67	38.94 2.93 -9.57	41.31 3.21 -8.37	40.79 3.46 -5.92	45.22 3.60 -8.28	48.17 3.96 -7.19	49.77 4.16 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.47 5.27 -5.60	52.80 5.04 -4.99	49.57 5.11 -0.02	45.68 4.26 -4.65	42.06 3.29 -10.38	34.72 2.50 -9.33	29.10 2.12 -6.56
RAVENSWOOD___4 23820	23.39 1.81 -1.29	19.06 1.56 -0.01	21.36 1.07 -7.41	19.63 0.94 -7.18	22.56 0.96 -9.68	23.35 1.30 -5.84	28.70 2.63 -0.01	35.70 2.78 -6.67	42.57 3.04 -13.10	43.42 3.33 -10.36	43.91 3.55 -8.94	45.31 3.70 -8.28	48.24 4.04 -7.19	49.80 4.20 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.52 5.32 -5.60	52.80 5.04 -4.99	49.61 5.15 -0.02	45.75 4.34 -4.65	43.93 3.38 -12.17	41.87 2.56 -16.41	29.16 2.19 -6.56
RCPL_TRUST___DRP 24196	23.26 1.68 -1.29	18.95 1.45 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.83	28.56 2.50 0.00	35.26 2.73 -6.28	38.30 2.91 -8.96	40.77 3.21 -7.83	40.38 3.43 -5.54	44.69 3.60 -7.76	47.71 3.96 -6.73	49.31 4.20 -7.27	49.43 4.45 -5.97	52.38 4.82 -6.70	53.86 5.18 -5.52	54.16 5.32 -5.24	52.63 5.04 -4.82	49.52 5.06 -0.02	45.34 4.23 -4.35	41.37 3.26 -9.72	34.23 2.45 -8.88	28.90 2.10 -6.38
RENSSELAER___COGEN 23796	22.81 0.79 -1.73	18.32 0.82 0.00	23.40 0.58 -9.92	21.65 0.53 -9.62	25.46 0.57 -12.97	24.83 0.79 -7.83	27.26 1.20 0.00	28.36 1.29 -0.83	27.78 1.35 0.00	31.18 1.46 0.00	32.96 1.54 0.00	34.76 1.43 0.00	38.61 1.59 0.00	39.50 1.66 0.00	40.69 1.68 0.00	42.71 1.84 0.00	45.15 1.99 0.00	45.61 2.01 0.00	45.96 2.01 -1.18	46.44 2.00 0.00	38.53 1.76 0.00	29.75 1.36 0.00	27.03 1.08 -3.06	26.26 0.82 -5.03
REVERE_CPPR_DRP 24186	20.70 0.65 0.23	17.87 0.52 0.16	13.21 0.32 0.00	11.79 0.29 0.00	12.23 0.31 0.00	16.62 0.58 0.17	26.34 0.91 0.63	26.47 0.86 0.64	30.46 0.87 -3.16	34.95 1.40 -3.83	35.18 1.16 -2.60	38.59 1.33 -3.93	40.88 1.48 -2.38	41.68 1.47 -2.37	44.44 1.56 -3.86	44.52 1.47 -2.19	44.12 1.42 0.46	43.15 1.39 1.85	42.56 1.58 1.79	44.26 1.73 1.91	36.60 1.21 1.38	28.50 0.91 0.80	23.21 0.73 0.42	20.76 0.59 0.25
RIVERBAY___ 323610	23.41 1.83 -1.30	19.10 1.59 -0.01	21.39 1.10 -7.41	19.66 0.98 -7.18	22.60 1.00 -9.68	23.40 1.34 -5.84	28.70 2.63 -0.01	29.62 2.73 -0.64	29.46 2.99 -0.04	33.03 3.27 -0.03	34.93 3.49 -0.02	36.98 3.60 -0.05	41.02 3.96 -0.04	45.35 4.13 -3.39	49.52 4.33 -6.17	45.61 4.70 -0.04	53.92 5.05 -5.71	54.25 5.23 -5.42	52.63 4.96 -4.90	49.43 4.98 -0.01	44.93 4.26 -3.90	36.92 3.35 -5.18	27.76 2.54 -2.32	26.33 2.14 -3.77
ROCHESTER_9_IC 23652	20.20 -0.12 -0.03	17.49 0.02 0.03	13.23 -0.05 -0.40	11.90 0.01 -0.38	12.45 0.01 -0.52	16.59 0.10 -0.28	26.10 0.16 0.11	26.35 0.19 0.08	26.15 -0.21 0.07	29.36 -0.27 0.10	31.29 0.00 0.13	33.46 0.27 0.13	37.17 0.33 0.18	37.46 -0.19 0.19	38.59 -0.23 0.19	40.11 -0.53 0.22	42.20 -0.69 0.27	42.48 -0.78 0.33	41.67 -0.60 0.49	43.92 -0.18 0.34	35.89 -0.63 0.25	27.53 -0.71 0.14	22.23 -0.71 -0.05	20.22 -0.35 -0.15
ROSETON___1 23587	23.14 1.42 -1.43	18.72 1.22 0.00	21.94 0.85 -8.20	20.20 0.75 -7.95	23.41 0.77 -10.71	23.71 1.04 -6.47	28.12 2.06 0.00	29.14 2.21 -0.68	28.82 2.38 0.00	32.31 2.58 0.00	34.18 2.77 0.00	36.16 2.83 0.00	40.13 3.11 0.00	41.13 3.29 0.00	42.45 3.43 0.00	44.62 3.76 0.00	47.18 4.01 0.00	47.79 4.19 0.00	48.76 3.89 -2.10	48.39 3.95 0.00	40.14 3.38 0.00	31.05 2.67 0.00	27.43 2.02 -2.52	26.28 1.72 -4.15
ROSETON___2 23588	23.14 1.42 -1.43	18.72 1.22 0.00	21.94 0.85 -8.20	20.20 0.75 -7.95	23.41 0.77 -10.71	23.71 1.04 -6.47	28.12 2.06 0.00	29.14 2.21 -0.68	28.82 2.38 0.00	32.31 2.58 0.00	34.18 2.77 0.00	36.16 2.83 0.00	40.13 3.11 0.00	41.13 3.29 0.00	42.45 3.43 0.00	44.62 3.76 0.00	47.18 4.01 0.00	47.79 4.19 0.00	48.76 3.89 -2.10	48.39 3.95 0.00	40.14 3.38 0.00	31.05 2.67 0.00	27.43 2.02 -2.52	26.28 1.72 -4.15



RUSSELL___1 23602	20.32 0.00 -0.03	17.58 0.11 0.03	13.30 0.01 -0.40	11.96 0.07 -0.38	12.51 0.07 -0.52	16.67 0.18 -0.28	26.26 0.31 0.11	26.53 0.37 0.08	26.31 -0.05 0.07	29.54 -0.09 0.10	31.51 0.22 0.13	33.73 0.53 0.13	37.46 0.63 0.18	37.69 0.04 0.19	38.83 0.00 0.19	40.36 -0.28 0.22	42.46 -0.43 0.27	42.74 -0.52 0.33	41.98 -0.30 0.49	44.23 0.13 0.34	36.15 -0.37 0.25	27.70 -0.54 0.14	22.37 -0.57 -0.05	20.32 -0.24 -0.15
RUSSELL___2 23532	20.32 0.00 -0.03	17.58 0.11 0.03	13.30 0.01 -0.40	11.96 0.07 -0.38	12.51 0.07 -0.52	16.67 0.18 -0.28	26.26 0.31 0.11	26.53 0.37 0.08	26.31 -0.05 0.07	29.54 -0.09 0.10	31.51 0.22 0.13	33.73 0.53 0.13	37.46 0.63 0.18	37.69 0.04 0.19	38.83 0.00 0.19	40.36 -0.28 0.22	42.46 -0.43 0.27	42.74 -0.52 0.33	41.98 -0.30 0.49	44.23 0.13 0.34	36.15 -0.37 0.25	27.70 -0.54 0.14	22.37 -0.57 -0.05	20.32 -0.24 -0.15
RUSSELL___3 23549	20.32 0.00 -0.03	17.58 0.11 0.03	13.30 0.01 -0.40	11.96 0.07 -0.38	12.51 0.07 -0.52	16.67 0.18 -0.28	26.26 0.31 0.11	26.53 0.37 0.08	26.31 -0.05 0.07	29.54 -0.09 0.10	31.51 0.22 0.13	33.73 0.53 0.13	37.46 0.63 0.18	37.69 0.04 0.19	38.83 0.00 0.19	40.36 -0.28 0.22	42.46 -0.43 0.27	42.74 -0.52 0.33	41.98 -0.30 0.49	44.23 0.13 0.34	36.15 -0.37 0.25	27.70 -0.54 0.14	22.37 -0.57 -0.05	20.32 -0.24 -0.15
RUSSELL___4 23556	20.32 0.00 -0.03	17.58 0.11 0.03	13.30 0.01 -0.40	11.96 0.07 -0.38	12.51 0.07 -0.52	16.67 0.18 -0.28	26.26 0.31 0.11	26.53 0.37 0.08	26.31 -0.05 0.07	29.54 -0.09 0.10	31.51 0.22 0.13	33.73 0.53 0.13	37.46 0.63 0.18	37.69 0.04 0.19	38.83 0.00 0.19	40.36 -0.28 0.22	42.46 -0.43 0.27	42.74 -0.52 0.33	41.98 -0.30 0.49	44.23 0.13 0.34	36.15 -0.37 0.25	27.70 -0.54 0.14	22.37 -0.57 -0.05	20.32 -0.24 -0.15
RUSSELL___STATION 23914	20.32 0.00 -0.03	17.58 0.11 0.03	13.30 0.01 -0.40	11.96 0.07 -0.38	12.51 0.07 -0.52	16.67 0.18 -0.28	26.26 0.31 0.11	26.53 0.37 0.08	26.31 -0.05 0.07	29.54 -0.09 0.10	31.51 0.22 0.13	33.73 0.53 0.13	37.46 0.63 0.18	37.69 0.04 0.19	38.83 0.00 0.19	40.36 -0.28 0.22	42.46 -0.43 0.27	42.74 -0.52 0.33	41.98 -0.30 0.49	44.23 0.13 0.34	36.15 -0.37 0.25	27.70 -0.54 0.14	22.37 -0.57 -0.05	20.32 -0.24 -0.15
S SALMON___HYD 24043	20.14 0.08 0.23	17.38 0.05 0.18	13.04 -0.01 -0.16	11.66 0.00 -0.16	12.13 0.00 -0.21	16.26 0.11 0.06	25.38 0.03 0.71	25.49 -0.05 0.71	30.45 -0.13 -4.14	34.82 0.06 -5.04	34.68 -0.22 -3.48	38.37 -0.17 -5.20	40.09 -0.18 -3.25	40.86 -0.23 -3.25	43.95 -0.33 -5.17	43.58 -0.47 -3.05	42.37 -0.52 0.32	41.01 -0.52 2.07	40.38 -0.39 2.00	42.09 -0.22 2.13	34.89 -0.33 1.54	27.30 -0.20 0.89	22.41 -0.07 0.42	20.18 -0.04 0.19
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.91 -0.43 -0.05	17.31 -0.16 0.03	13.24 -0.15 -0.50	11.93 -0.06 -0.49	12.49 -0.08 -0.66	16.54 -0.03 -0.37	26.00 0.05 0.11	25.79 -0.39 0.07	25.83 -0.61 0.00	29.01 -0.71 0.00	31.01 -0.41 0.00	33.23 -0.10 0.00	36.83 -0.18 0.00	37.46 -0.38 0.00	38.86 -0.16 0.00	40.13 -0.73 0.00	42.21 -0.95 0.00	42.14 -1.13 0.32	41.26 -0.98 0.53	43.44 -0.67 0.33	35.38 -1.14 0.24	27.03 -1.22 0.14	21.83 -1.14 -0.08	20.03 -0.59 -0.21
SELKIRK___I 23801	22.86 0.85 -1.71	18.30 0.81 0.00	23.32 0.59 -9.84	21.57 0.53 -9.54	25.34 0.56 -12.87	24.75 0.78 -7.76	27.28 1.23 0.00	28.38 1.31 -0.82	27.81 1.37 0.00	31.21 1.49 0.00	32.99 1.57 0.00	34.57 1.23 0.00	38.35 1.33 0.00	39.24 1.40 0.00	40.46 1.44 0.00	42.46 1.59 0.00	44.89 1.73 0.00	45.35 1.75 0.00	45.67 1.71 -1.19	46.13 1.69 0.00	38.31 1.54 0.00	29.61 1.22 0.00	26.89 0.96 -3.03	26.14 0.73 -4.99
SELKIRK___II 23799	22.86 0.85 -1.72	18.30 0.81 0.00	23.32 0.58 -9.85	21.58 0.53 -9.55	25.36 0.56 -12.88	24.74 0.76 -7.77	27.28 1.23 0.00	28.38 1.31 -0.82	27.78 1.35 0.00	31.18 1.46 0.00	32.99 1.57 0.00	34.57 1.23 0.00	38.35 1.33 0.00	39.24 1.40 0.00	40.42 1.40 0.00	42.42 1.55 0.00	44.84 1.68 0.00	45.30 1.70 0.00	45.63 1.67 -1.19	46.09 1.65 0.00	38.27 1.51 0.00	29.61 1.22 0.00	26.89 0.96 -3.03	26.14 0.73 -4.99
SENECA OSWGO___HYD 24041	20.34 0.10 0.05	17.51 0.07 0.06	13.10 0.01 -0.20	11.72 0.02 -0.20	12.22 0.04 -0.26	16.40 0.10 -0.10	25.82 0.00 0.24	25.99 -0.03 0.23	27.61 -0.13 -1.30	31.19 -0.12 -1.58	32.35 -0.16 -1.08	34.86 -0.10 -1.63	37.91 -0.11 -1.00	38.65 -0.19 -1.00	40.43 -0.19 -1.61	41.47 -0.33 -0.93	42.63 -0.39 0.14	42.50 -0.39 0.70	41.79 -0.30 0.68	43.45 -0.27 0.72	35.95 -0.30 0.52	27.85 -0.23 0.30	22.66 -0.14 0.10	20.36 -0.06 -0.01
SENECA___ENERGY 23797	20.22 -0.08 -0.02	17.43 -0.03 0.03	13.20 -0.08 -0.38	11.83 -0.05 -0.37	12.40 -0.02 -0.50	16.53 0.05 -0.27	26.03 0.10 0.14	26.19 0.05 0.11	26.19 -0.16 0.09	29.46 -0.15 0.12	31.23 -0.03 0.15	33.27 0.10 0.16	36.91 0.11 0.22	37.53 -0.08 0.23	38.71 -0.08 0.23	40.31 -0.28 0.27	42.45 -0.39 0.32	42.84 -0.35 0.41	41.91 -0.30 0.56	43.93 -0.09 0.42	36.16 -0.30 0.30	27.84 -0.37 0.18	22.58 -0.34 -0.03	20.37 -0.18 -0.14
SHOEMAKER___GT 23640	22.34 1.07 -0.98	18.43 0.93 0.00	19.15 0.63 -5.63	17.51 0.55 -5.45	19.85 0.57 -7.35	21.41 0.76 -4.44	27.68 1.62 0.00	28.34 1.63 -0.47	28.15 1.72 0.00	31.57 1.84 0.00	33.37 1.95 0.00	35.37 2.03 0.00	39.31 2.30 0.00	40.30 2.46 0.00	41.59 2.57 0.00	43.68 2.82 0.00	46.18 3.02 0.00	46.78 3.18 0.00	43.07 2.99 2.69	47.51 3.06 0.00	39.26 2.50 0.00	30.32 1.93 0.00	26.09 1.47 -1.73	24.53 1.27 -2.85
SHOREHAM_IC_1 23715	39.85 2.19 -17.37	36.33 1.91 -16.93	28.74 1.37 -14.48	27.66 1.22 -14.93	27.74 1.25 -14.57	33.94 1.65 -16.08	42.27 3.20 -13.01	43.51 3.44 -13.82	43.11 3.65 -13.02	44.71 4.01 -10.97	47.39 4.15 -11.82	46.50 4.37 -8.80	48.59 4.81 -6.77	49.12 5.03 -6.25	51.05 5.27 -6.77	60.14 5.84 -13.43	66.30 6.30 -16.84	66.58 6.50 -16.48	84.46 6.29 -35.41	84.52 6.44 -33.64	56.70 5.33 -14.61	45.70 3.97 -13.34	40.91 3.20 -14.81	39.52 2.72 -16.39
SHOREHAM_IC_2 23716	39.85 2.19 -17.37	36.33 1.91 -16.93	28.74 1.37 -14.48	27.66 1.22 -14.93	27.74 1.25 -14.57	33.94 1.65 -16.08	42.27 3.20 -13.01	43.51 3.44 -13.82	43.11 3.65 -13.02	44.71 4.01 -10.97	47.39 4.15 -11.82	46.50 4.37 -8.80	48.59 4.81 -6.77	49.12 5.03 -6.25	51.05 5.27 -6.77	60.14 5.84 -13.43	66.30 6.30 -16.84	66.58 6.50 -16.48	84.46 6.29 -35.41	84.52 6.44 -33.64	56.70 5.33 -14.61	45.70 3.97 -13.34	40.91 3.20 -14.81	39.52 2.72 -16.39
SISSONVILLE___ 23735	16.75 -1.16 2.39	14.84 -1.05 1.61	12.12 -0.77 0.00	10.77 -0.74 0.00	11.24 -0.68 0.00	13.53 -0.96 1.72	18.21 -1.41 6.45	18.22 -1.44 6.58	-3.16 -0.82 28.77	-7.24 -0.65 36.31	-0.45 -0.91 30.96	-8.38 -0.93 40.77	0.10 -1.15 35.77	0.10 -1.13 36.61	-8.69 -1.17 46.54	0.71 -1.27 38.89	15.62 -1.55 25.99	22.13 -2.57 18.89	22.03 -2.44 18.31	22.64 -2.31 19.49	20.65 -2.06 14.06	18.84 -1.39 8.15	17.53 -1.10 4.26	16.93 -0.98 2.51



SITHE_IND_GS1 24169	20.10 -0.22 -0.03	17.32 -0.17 0.00	12.90 -0.15 -0.16	11.54 -0.13 -0.16	12.00 -0.13 -0.21	16.19 -0.15 -0.13	25.59 -0.47 0.00	25.74 -0.52 -0.01	25.83 -0.61 0.00	29.04 -0.68 0.00	30.73 -0.69 0.00	32.63 -0.70 0.00	36.24 -0.78 0.00	36.97 -0.87 0.00	38.12 -0.90 0.00	39.89 -0.98 0.00	42.08 -1.08 0.00	42.51 -1.09 0.00	41.74 -1.03 0.00	43.42 -1.02 0.00	35.85 -0.92 0.00	27.68 -0.71 0.00	22.44 -0.50 -0.05	20.15 -0.35 -0.08
SITHE_IND_GS2 24170	20.10 -0.22 -0.03	17.32 -0.17 0.00	12.90 -0.15 -0.16	11.54 -0.13 -0.16	12.00 -0.13 -0.21	16.19 -0.15 -0.13	25.59 -0.47 0.00	25.74 -0.52 -0.01	25.83 -0.61 0.00	29.04 -0.68 0.00	30.73 -0.69 0.00	32.63 -0.70 0.00	36.24 -0.78 0.00	36.97 -0.87 0.00	38.12 -0.90 0.00	39.89 -0.98 0.00	42.08 -1.08 0.00	42.51 -1.09 0.00	41.74 -1.03 0.00	43.42 -1.02 0.00	35.85 -0.92 0.00	27.68 -0.71 0.00	22.44 -0.50 -0.05	20.15 -0.35 -0.08
SITHE_IND_GS3 24171	20.10 -0.22 -0.03	17.32 -0.17 0.00	12.90 -0.15 -0.16	11.54 -0.13 -0.16	12.00 -0.13 -0.21	16.19 -0.15 -0.13	25.59 -0.47 0.00	25.74 -0.52 -0.01	25.83 -0.61 0.00	29.04 -0.68 0.00	30.73 -0.69 0.00	32.63 -0.70 0.00	36.24 -0.78 0.00	36.97 -0.87 0.00	38.12 -0.90 0.00	39.89 -0.98 0.00	42.08 -1.08 0.00	42.51 -1.09 0.00	41.74 -1.03 0.00	43.42 -1.02 0.00	35.85 -0.92 0.00	27.68 -0.71 0.00	22.44 -0.50 -0.05	20.15 -0.35 -0.08
SITHE_IND_GS4 24172	20.10 -0.22 -0.03	17.32 -0.17 0.00	12.90 -0.15 -0.16	11.54 -0.13 -0.16	12.00 -0.13 -0.21	16.19 -0.15 -0.13	25.59 -0.47 0.00	25.74 -0.52 -0.01	25.83 -0.61 0.00	29.04 -0.68 0.00	30.73 -0.69 0.00	32.63 -0.70 0.00	36.24 -0.78 0.00	36.97 -0.87 0.00	38.12 -0.90 0.00	39.89 -0.98 0.00	42.08 -1.08 0.00	42.51 -1.09 0.00	41.74 -1.03 0.00	43.42 -1.02 0.00	35.85 -0.92 0.00	27.68 -0.71 0.00	22.44 -0.50 -0.05	20.15 -0.35 -0.08
SITHE__BATAVIA 24024	20.27 -0.06 -0.04	17.65 0.17 0.03	13.43 0.06 -0.47	12.11 0.15 -0.46	12.68 0.14 -0.62	16.81 0.26 -0.34	26.47 0.52 0.11	26.36 0.19 0.07	26.22 -0.21 0.00	29.43 -0.30 0.00	31.51 0.09 0.00	33.80 0.47 0.00	37.50 0.48 0.00	37.76 -0.08 0.00	39.06 0.04 0.00	40.38 -0.49 0.00	42.43 -0.73 0.00	42.36 -0.92 0.32	41.61 -0.64 0.52	43.93 -0.18 0.34	35.71 -0.81 0.24	27.25 -0.99 0.14	21.96 -1.01 -0.07	20.24 -0.37 -0.19
SITHE__INDEPEND 23800	20.10 -0.22 -0.03	17.32 -0.17 0.00	12.90 -0.15 -0.16	11.54 -0.13 -0.16	12.00 -0.13 -0.21	16.19 -0.15 -0.13	25.59 -0.47 0.00	25.74 -0.52 -0.01	25.83 -0.61 0.00	29.04 -0.68 0.00	30.73 -0.69 0.00	32.63 -0.70 0.00	36.24 -0.78 0.00	36.97 -0.87 0.00	38.12 -0.90 0.00	39.89 -0.98 0.00	42.08 -1.08 0.00	42.51 -1.09 0.00	41.74 -1.03 0.00	43.42 -1.02 0.00	35.85 -0.92 0.00	27.68 -0.71 0.00	22.44 -0.50 -0.05	20.15 -0.35 -0.08
SITHE__MASSENA 23902	16.30 -1.12 2.87	14.57 -1.00 1.93	12.19 -0.70 0.00	10.85 -0.66 0.00	11.26 -0.66 0.00	13.17 -0.97 2.07	16.90 -1.41 7.75	16.89 -1.44 7.91	4.93 -1.00 20.50	2.45 -1.04 26.23	6.28 -1.19 23.94	1.73 -1.27 30.34	6.46 -1.41 29.15	6.42 -1.44 29.99	1.37 -1.52 36.12	6.59 -1.64 32.64	15.06 -1.73 26.37	18.30 -2.57 22.72	18.23 -2.52 22.01	18.51 -2.49 23.44	17.76 -2.09 16.91	17.08 -1.51 9.80	16.55 -1.21 5.13	16.36 -1.04 3.02
SITHE__OGDNSBRG 24021	16.64 -1.08 2.58	14.78 -0.98 1.73	12.18 -0.71 0.00	10.83 -0.68 0.00	11.26 -0.66 0.00	13.43 -0.92 1.86	17.80 -1.30 6.95	17.81 -1.34 7.10	0.08 -0.79 25.56	-3.24 -0.57 32.40	2.31 -0.88 28.23	-4.29 -0.90 36.72	2.78 -1.04 33.20	2.75 -1.06 34.03	-4.57 -1.09 42.50	3.22 -1.19 36.46	15.64 -1.38 26.14	20.82 -2.40 20.38	20.80 -2.23 19.75	21.29 -2.13 21.02	19.69 -1.91 15.16	18.29 -1.31 8.79	17.22 -1.08 4.60	16.75 -0.96 2.71
SITHE__STERLING 23777	20.69 0.57 0.16	17.86 0.47 0.11	13.19 0.30 0.00	11.77 0.26 0.00	12.19 0.27 0.00	16.60 0.50 0.12	26.43 0.81 0.44	26.56 0.76 0.45	29.19 0.74 -2.02	33.27 1.10 -2.45	34.07 1.01 -1.64	36.96 1.13 -2.50	39.76 1.26 -1.48	40.56 1.25 -1.47	42.74 1.29 -2.43	43.44 1.22 -1.34	43.99 1.21 0.38	43.53 1.22 1.29	42.84 1.33 1.25	44.57 1.46 1.33	36.83 1.03 0.96	28.60 0.77 0.56	23.20 0.59 0.29	20.75 0.51 0.17
SOUTH CAIRO__GT 23612	23.18 1.44 -1.45	18.78 1.28 0.00	22.12 0.89 -8.34	20.36 0.77 -8.09	23.64 0.82 -10.90	23.84 1.05 -6.58	28.09 2.03 0.00	28.81 1.86 -0.69	28.29 1.85 0.00	31.60 1.87 0.00	33.43 2.01 0.00	35.23 1.90 0.00	39.35 2.33 0.00	40.38 2.54 0.00	41.59 2.57 0.00	43.81 2.94 0.00	46.31 3.15 0.00	46.96 3.36 0.00	47.05 3.25 -1.04	47.82 3.38 0.00	39.45 2.68 0.00	30.37 1.99 0.00	27.00 1.53 -2.57	25.95 1.31 -4.23
SOUTH HAMPTN__IC 23720	40.56 2.90 -17.37	36.93 2.50 -16.93	29.16 1.79 -14.48	28.03 1.59 -14.93	28.12 1.63 -14.57	34.49 2.20 -16.08	43.32 4.25 -13.01	44.64 4.57 -13.82	44.25 4.79 -13.02	46.08 5.38 -10.97	49.05 5.81 -11.82	48.43 6.30 -8.79	50.81 7.04 -6.75	51.31 7.23 -6.24	53.42 7.65 -6.75	62.75 8.46 -13.42	68.91 8.98 -16.77	69.18 9.16 -16.42	87.03 8.85 -35.41	87.23 9.15 -33.64	58.89 7.54 -14.59	47.14 5.42 -13.33	41.93 4.23 -14.80	40.37 3.57 -16.38
SOUTHOLD__IC 23719	40.97 3.31 -17.37	37.28 2.85 -16.93	29.41 2.04 -14.48	28.24 1.81 -14.93	28.34 1.85 -14.57	34.80 2.51 -16.08	43.89 4.82 -13.01	45.24 5.17 -13.82	44.85 5.39 -13.02	46.76 6.06 -10.97	49.84 6.60 -11.82	49.32 7.20 -8.79	51.88 8.11 -6.75	52.37 8.29 -6.24	54.51 8.74 -6.75	63.97 9.69 -13.42	70.25 10.32 -16.77	70.48 10.46 -16.42	88.35 10.18 -35.41	88.70 10.62 -33.64	60.07 8.71 -14.60	47.93 6.22 -13.33	42.50 4.81 -14.80	40.84 4.04 -16.38
ST LAWRENCE____ 23600	16.12 -1.16 3.02	14.45 -1.02 2.03	12.19 -0.70 0.00	10.86 -0.64 0.00	11.26 -0.66 0.00	13.05 -0.99 2.17	16.38 -1.54 8.14	16.39 -1.55 8.31	7.02 -1.38 18.04	5.00 -1.49 23.24	7.95 -1.60 21.86	4.36 -1.73 27.24	7.95 -1.89 27.18	7.89 -1.93 28.02	4.00 -1.99 33.03	8.00 -2.08 30.78	14.52 -2.16 26.49	17.26 -2.48 23.86	17.26 -2.39 23.12	17.34 -2.49 24.61	16.95 -2.06 17.75	16.53 -1.56 10.29	16.25 -1.26 5.38	16.15 -1.10 3.17
STATION 5_MISC_HYD 23604	20.20 -0.12 -0.03	17.49 0.02 0.03	13.23 -0.05 -0.40	11.90 0.01 -0.38	12.45 0.01 -0.52	16.59 0.10 -0.28	26.10 0.16 0.11	26.35 0.19 0.08	26.15 -0.21 0.07	29.36 -0.27 0.10	31.29 0.00 0.13	33.46 0.27 0.13	37.17 0.33 0.18	37.46 -0.19 0.19	38.59 -0.23 0.19	40.11 -0.53 0.22	42.20 -0.69 0.27	42.48 -0.78 0.33	41.67 -0.60 0.49	43.92 -0.18 0.34	35.89 -0.63 0.25	27.53 -0.71 0.14	22.23 -0.71 -0.05	20.22 -0.35 -0.15
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.37 0.06 -0.02	17.59 0.12 0.03	13.31 0.04 -0.39	11.95 0.07 -0.37	12.51 0.08 -0.50	16.68 0.20 -0.27	26.30 0.36 0.12	26.57 0.42 0.09	26.44 0.08 0.08	29.68 0.06 0.11	31.57 0.28 0.13	33.72 0.53 0.14	37.45 0.63 0.20	37.83 0.19 0.20	38.97 0.16 0.20	40.59 -0.04 0.24	42.71 -0.17 0.28	43.02 -0.22 0.36	42.21 -0.04 0.51	44.34 0.27 0.37	36.35 -0.15 0.27	27.89 -0.34 0.15	22.56 -0.37 -0.04	20.42 -0.14 -0.15



STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.05 -0.26 -0.03	17.37 -0.10 0.03	13.14 -0.14 -0.39	11.81 -0.07 -0.38	12.36 -0.07 -0.51	16.47 -0.02 -0.28	25.92 -0.03 0.11	26.16 0.00 0.08	26.00 -0.37 0.07	29.18 -0.45 0.10	31.11 -0.19 0.13	33.26 0.07 0.14	36.91 0.07 0.18	37.23 -0.42 0.19	38.40 -0.43 0.19	39.91 -0.73 0.22	41.94 -0.95 0.27	42.26 -1.00 0.34	41.46 -0.81 0.49	43.65 -0.44 0.35	35.70 -0.81 0.25	27.36 -0.88 0.14	22.11 -0.82 -0.04	20.08 -0.49 -0.15
STEEL___WIND 323596	20.20 -0.14 -0.05	17.56 0.09 0.03	13.41 0.00 -0.52	12.09 0.08 -0.50	12.66 0.06 -0.68	16.79 0.20 -0.38	26.42 0.47 0.11	26.23 0.05 0.07	26.33 -0.11 0.00	29.58 -0.15 0.00	31.64 0.22 0.00	33.86 0.53 0.00	37.57 0.56 0.00	38.26 0.42 0.00	39.72 0.70 0.00	40.99 0.12 0.00	43.12 -0.04 0.00	43.02 -0.26 0.32	42.10 -0.13 0.53	44.33 0.22 0.33	36.05 -0.48 0.24	27.54 -0.71 0.14	22.22 -0.75 -0.09	20.39 -0.24 -0.22
STEBEN_REC_LFGE 323667	20.79 0.43 -0.07	17.89 0.42 0.03	13.74 0.21 -0.64	12.34 0.22 -0.62	12.98 0.23 -0.84	17.19 0.50 -0.48	27.02 1.07 0.11	27.11 0.92 0.06	27.10 0.66 0.00	30.47 0.74 0.00	32.49 1.07 0.00	34.76 1.43 0.00	38.72 1.70 0.00	39.47 1.63 0.00	40.89 1.87 0.00	42.34 1.47 0.00	44.54 1.38 0.00	44.67 1.39 0.33	43.63 1.45 0.59	45.93 1.82 0.34	37.55 1.03 0.24	28.73 0.48 0.14	23.24 0.23 -0.12	21.14 0.45 -0.28
STONY___BROOK 24151	39.83 2.17 -17.37	36.30 1.87 -16.93	28.70 1.33 -14.48	27.62 1.19 -14.93	27.71 1.22 -14.57	33.91 1.62 -16.08	42.20 3.13 -13.01	43.43 3.36 -13.82	43.01 3.54 -13.02	44.56 3.86 -10.97	47.23 3.99 -11.82	46.36 4.20 -8.83	48.45 4.63 -6.81	48.98 4.84 -6.30	50.79 4.96 -6.82	59.76 5.44 -13.46	66.09 5.87 -17.06	66.36 6.06 -16.71	83.99 5.82 -35.41	83.99 5.91 -33.64	56.36 4.93 -14.67	45.60 3.80 -13.41	40.82 3.07 -14.86	39.43 2.61 -16.40
STURGEON_POOL_HYD 23609	22.93 1.32 -1.32	18.60 1.10 0.00	21.27 0.77 -7.60	19.55 0.68 -7.37	22.56 0.70 -9.94	23.13 0.92 -6.00	27.96 1.90 0.00	28.85 1.97 -0.63	28.53 2.09 0.00	31.93 2.20 0.00	33.81 2.39 0.00	35.80 2.47 0.00	39.79 2.78 0.00	40.83 2.99 0.00	42.14 3.12 0.00	44.30 3.43 0.00	46.87 3.71 0.00	47.44 3.84 0.00	47.05 3.59 -0.69	48.09 3.64 0.00	39.85 3.09 0.00	30.80 2.41 0.00	27.04 1.81 -2.34	25.82 1.55 -3.85
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.54 1.22 -1.03	18.55 1.05 0.00	19.53 0.71 -5.93	17.89 0.63 -5.75	20.31 0.64 -7.75	21.75 0.86 -4.68	27.88 1.82 0.00	28.63 1.89 -0.49	28.45 2.01 0.00	31.90 2.17 0.00	33.71 2.29 0.00	35.73 2.40 0.00	39.72 2.70 0.00	40.71 2.87 0.00	42.06 3.05 0.00	44.18 3.31 0.00	46.70 3.54 0.00	47.30 3.70 0.00	43.36 3.51 2.92	47.95 3.51 0.00	39.71 2.94 0.00	30.66 2.27 0.00	26.41 1.69 -1.83	24.89 1.47 -3.01
SYNERGY___BIOGAS 323694	20.27 -0.06 -0.04	17.65 0.17 0.03	13.43 0.06 -0.47	12.11 0.15 -0.46	12.68 0.14 -0.62	16.81 0.26 -0.34	26.47 0.52 0.11	26.36 0.19 0.07	26.22 -0.21 0.00	29.43 -0.30 0.00	31.51 0.09 0.00	33.80 0.47 0.00	37.50 0.48 0.00	37.76 -0.08 0.00	39.06 0.04 0.00	40.38 -0.49 0.00	42.43 -0.73 0.00	42.36 -0.92 0.32	41.61 -0.64 0.52	43.93 -0.18 0.34	35.71 -0.81 0.24	27.25 -0.99 0.14	21.96 -1.01 -0.07	20.24 -0.37 -0.19
SYRACUSE___ENERGY_ST1 323597	20.52 0.24 0.01	17.67 0.21 0.04	13.28 0.10 -0.29	11.89 0.10 -0.28	12.41 0.12 -0.37	16.62 0.23 -0.18	26.15 0.26 0.17	26.17 0.08 0.15	27.23 -0.13 -0.93	30.73 -0.12 -1.12	32.09 -0.09 -0.76	34.45 -0.03 -1.15	37.68 -0.04 -0.70	38.43 -0.11 -0.70	40.00 -0.16 -1.13	41.27 -0.24 -0.64	42.74 -0.30 0.12	42.83 -0.26 0.51	41.94 -0.21 0.62	43.78 -0.13 0.53	36.16 -0.22 0.38	28.05 -0.11 0.22	22.91 0.05 0.03	20.59 0.10 -0.07
SYRACUSE___ENERGY_ST2 323598	20.52 0.24 0.01	17.67 0.21 0.04	13.28 0.10 -0.29	11.89 0.10 -0.28	12.41 0.12 -0.37	16.62 0.23 -0.18	26.15 0.26 0.17	26.17 0.08 0.15	27.23 -0.13 -0.93	30.73 -0.12 -1.12	32.09 -0.09 -0.76	34.45 -0.03 -1.15	37.68 -0.04 -0.70	38.43 -0.11 -0.70	40.00 -0.16 -1.13	41.27 -0.24 -0.64	42.74 -0.30 0.12	42.83 -0.26 0.51	41.94 -0.21 0.62	43.78 -0.13 0.53	36.16 -0.22 0.38	28.05 -0.11 0.22	22.91 0.05 0.03	20.59 0.10 -0.07
SYRACUSE___POWER 24017	20.53 0.26 0.02	17.66 0.21 0.05	13.28 0.12 -0.28	11.89 0.12 -0.27	12.40 0.12 -0.36	16.62 0.24 -0.17	26.16 0.29 0.19	26.31 0.24 0.17	27.53 0.13 -0.96	31.04 0.15 -1.17	32.40 0.19 -0.79	34.79 0.27 -1.19	38.03 0.29 -0.72	38.79 0.23 -0.72	40.43 0.24 -1.17	41.61 0.08 -0.66	43.06 0.04 0.14	43.13 0.09 0.56	42.24 0.13 0.66	44.09 0.22 0.57	36.42 0.07 0.41	28.20 0.06 0.24	22.97 0.12 0.04	20.62 0.14 -0.06
TRIGEN___CC 323695	39.49 1.83 -17.37	36.02 1.59 -16.93	28.48 1.11 -14.49	27.42 0.98 -14.94	27.49 1.00 -14.57	33.64 1.34 -16.08	41.70 2.63 -13.01	42.88 2.81 -13.82	42.48 3.01 -13.03	43.97 3.27 -10.98	46.70 3.46 -11.82	51.35 3.60 -14.41	55.69 3.96 -14.71	57.23 4.16 -15.23	60.21 4.41 -16.79	64.41 4.78 -18.77	108.57 5.09 -60.31	108.18 5.27 -59.30	83.20 5.00 -35.43	83.16 5.06 -33.66	65.27 4.23 -24.28	56.68 3.26 -25.03	48.60 2.54 -23.17	41.28 2.19 -18.68
UNION___PROCESSING_DRP 323587	20.15 -0.16 -0.03	17.44 -0.03 0.03	13.21 -0.08 -0.40	11.88 -0.01 -0.38	12.42 -0.01 -0.52	16.54 0.05 -0.28	26.02 0.08 0.11	26.24 0.08 0.08	26.05 -0.32 0.07	29.24 -0.39 0.10	31.17 -0.13 0.13	33.36 0.17 0.13	37.02 0.19 0.18	37.31 -0.34 0.19	38.47 -0.35 0.19	39.99 -0.66 0.22	42.07 -0.82 0.27	42.35 -0.92 0.33	41.54 -0.73 0.50	43.74 -0.36 0.35	35.78 -0.73 0.25	27.45 -0.79 0.14	22.18 -0.75 -0.05	20.16 -0.41 -0.15
UPPER HUDSON___HYD 24058	23.44 1.40 -1.75	18.73 1.26 0.03	24.02 0.86 -10.26	22.27 0.82 -9.95	26.17 0.83 -13.42	25.48 1.20 -8.07	28.17 2.21 0.11	29.43 2.44 -0.74	28.69 2.33 0.08	32.24 2.62 0.11	33.77 2.48 0.13	35.89 2.70 0.14	39.93 3.11 0.20	40.55 2.91 0.21	41.78 2.96 0.21	43.73 3.10 0.24	46.24 3.37 0.29	46.69 3.40 0.32	47.16 3.59 -0.80	47.76 3.64 0.33	39.80 3.27 0.23	30.63 2.38 0.14	27.91 1.92 -3.09	26.96 1.39 -5.16
UPPER RAQUET___HYD 24056	16.75 -1.16 2.39	14.84 -1.05 1.61	12.12 -0.77 0.00	10.77 -0.74 0.00	11.24 -0.68 0.00	13.53 -0.96 1.72	18.21 -1.41 6.45	18.22 -1.44 6.58	-3.16 -0.82 28.77	-7.24 -0.65 36.31	-0.45 -0.91 30.96	-8.38 -0.93 40.77	0.10 -1.15 35.77	0.10 -1.13 36.61	-8.69 -1.17 46.54	0.71 -1.27 38.89	15.62 -1.55 25.99	22.13 -2.57 18.89	22.03 -2.44 18.31	22.64 -2.31 19.49	20.65 -2.06 14.06	18.84 -1.39 8.15	17.53 -1.10 4.26	16.93 -0.98 2.51
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.28 0.79 -0.20	18.18 0.68 0.00	14.46 0.42 -1.14	13.00 0.39 -1.11	13.80 0.39 -1.49	17.78 0.66 -0.90	27.26 1.20 0.00	27.52 1.18 -0.10	27.52 1.08 0.00	31.15 1.43 0.00	32.77 1.35 0.00	34.87 1.53 0.00	38.72 1.70 0.00	39.58 1.74 0.00	40.85 1.83 0.00	42.71 1.84 0.00	45.02 1.85 0.00	45.52 1.92 0.00	44.21 1.97 0.53	46.57 2.13 0.00	38.34 1.58 0.00	29.58 1.19 0.00	24.18 0.92 -0.37	21.80 0.78 -0.61



VISCHER___FERRY HYD 24020	23.22 1.20 -1.74	18.56 1.09 0.03	23.86 0.77 -10.20	22.09 0.70 -9.89	25.98 0.73 -13.33	25.25 1.02 -8.02	27.75 1.80 0.10	28.91 1.92 -0.74	28.29 1.93 0.07	31.77 2.14 0.10	33.52 2.23 0.13	35.49 2.30 0.14	39.42 2.59 0.19	40.25 2.61 0.20	41.51 2.69 0.20	43.50 2.86 0.23	46.00 3.11 0.27	46.44 3.14 0.30	46.76 3.16 -0.83	47.33 3.20 0.31	39.26 2.72 0.23	30.30 2.04 0.13	27.59 1.63 -3.07	26.81 1.27 -5.13
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.87 1.44 -1.14	18.74 1.24 0.00	20.28 0.85 -6.54	18.59 0.75 -6.34	21.23 0.76 -8.55	22.39 1.02 -5.16	28.20 2.14 0.00	29.02 2.23 -0.54	28.82 2.38 0.00	32.28 2.56 0.00	34.15 2.73 0.00	36.20 2.87 0.00	40.20 3.18 0.00	41.25 3.41 0.00	42.61 3.59 0.00	44.75 3.88 0.00	47.35 4.19 0.00	47.96 4.36 0.00	43.01 4.11 3.86	48.57 4.13 0.00	40.22 3.45 0.00	31.05 2.67 0.00	26.94 2.04 -2.01	25.46 1.73 -3.32
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.26 1.68 -1.29	18.95 1.45 0.00	21.28 0.99 -7.40	19.56 0.89 -7.17	22.49 0.91 -9.67	23.26 1.22 -5.83	28.56 2.50 0.00	35.26 2.73 -6.28	38.30 2.91 -8.96	40.77 3.21 -7.83	40.38 3.43 -5.54	44.69 3.60 -7.76	47.71 3.96 -6.73	49.31 4.20 -7.27	49.43 4.45 -5.97	52.38 4.82 -6.70	53.86 5.18 -5.52	54.16 5.32 -5.24	52.63 5.04 -4.82	49.52 5.06 -0.02	45.34 4.23 -4.35	41.37 3.26 -9.72	34.23 2.45 -8.88	28.90 2.10 -6.38
WADING RIVER_IC_1 23522	39.91 2.25 -17.37	36.37 1.94 -16.93	28.77 1.39 -14.48	27.68 1.24 -14.93	27.77 1.28 -14.57	33.98 1.69 -16.08	42.35 3.28 -13.01	43.59 3.52 -13.82	43.16 3.70 -13.02	44.77 4.07 -10.97	47.51 4.27 -11.82	46.62 4.50 -8.79	48.72 4.96 -6.75	49.21 5.15 -6.23	51.18 5.42 -6.74	60.29 6.01 -13.42	66.32 6.43 -16.73	66.60 6.62 -16.38	84.59 6.41 -35.41	84.61 6.54 -33.64	56.79 5.44 -14.58	45.76 4.06 -13.32	40.96 3.27 -14.79	39.57 2.78 -16.38
WADING RIVER_IC_2 23547	39.91 2.25 -17.37	36.37 1.94 -16.93	28.77 1.39 -14.48	27.68 1.24 -14.93	27.77 1.28 -14.57	33.98 1.69 -16.08	42.35 3.28 -13.01	43.59 3.52 -13.82	43.16 3.70 -13.02	44.77 4.07 -10.97	47.51 4.27 -11.82	46.62 4.50 -8.79	48.72 4.96 -6.75	49.21 5.15 -6.23	51.18 5.42 -6.74	60.29 6.01 -13.42	66.32 6.43 -16.73	66.60 6.62 -16.38	84.59 6.41 -35.41	84.61 6.54 -33.64	56.79 5.44 -14.58	45.76 4.06 -13.32	40.96 3.27 -14.79	39.57 2.78 -16.38
WADING RIVER_IC_3 23601	39.91 2.25 -17.37	36.37 1.94 -16.93	28.77 1.39 -14.48	27.68 1.24 -14.93	27.77 1.28 -14.57	33.98 1.69 -16.08	42.35 3.28 -13.01	43.59 3.52 -13.82	43.16 3.70 -13.02	44.77 4.07 -10.97	47.51 4.27 -11.82	46.62 4.50 -8.79	48.72 4.96 -6.75	49.21 5.15 -6.23	51.18 5.42 -6.74	60.29 6.01 -13.42	66.32 6.43 -16.73	66.60 6.62 -16.38	84.59 6.41 -35.41	84.61 6.54 -33.64	56.79 5.44 -14.58	45.76 4.06 -13.32	40.96 3.27 -14.79	39.57 2.78 -16.38
WALDEN___HYDRO 24148	22.79 1.32 -1.18	18.62 1.12 0.00	20.43 0.76 -6.78	18.74 0.67 -6.57	21.47 0.69 -8.86	22.48 0.92 -5.35	28.04 1.98 0.00	28.81 1.99 -0.56	28.55 2.12 0.00	31.98 2.26 0.00	33.84 2.42 0.00	35.86 2.53 0.00	39.91 2.89 0.00	40.90 3.06 0.00	42.25 3.24 0.00	44.42 3.55 0.00	46.96 3.80 0.00	47.61 4.01 0.00	45.96 3.76 0.57	48.26 3.82 0.00	39.89 3.12 0.00	30.80 2.41 0.00	26.79 1.81 -2.09	25.40 1.55 -3.43
WARRENSBURG___ 23737	23.44 1.40 -1.75	18.73 1.26 0.03	24.02 0.86 -10.26	22.27 0.82 -9.95	26.17 0.83 -13.42	25.48 1.20 -8.07	28.17 2.21 0.11	29.43 2.44 -0.74	28.69 2.33 0.08	32.24 2.62 0.11	33.77 2.48 0.13	35.89 2.70 0.14	39.93 3.11 0.20	40.55 2.91 0.21	41.78 2.96 0.21	43.73 3.10 0.24	46.24 3.37 0.29	46.69 3.40 0.32	47.16 3.59 -0.80	47.76 3.64 0.33	39.80 3.27 0.23	30.63 2.38 0.14	27.91 1.92 -3.09	26.96 1.39 -5.16
WATERSIDE___6 8 9 23538	23.39 1.81 -1.29	19.06 1.56 -0.01	21.36 1.07 -7.41	19.63 0.94 -7.18	22.56 0.96 -9.68	23.35 1.30 -5.84	28.70 2.63 -0.01	35.70 2.78 -6.67	42.57 3.04 -13.10	43.42 3.33 -10.36	43.91 3.55 -8.94	45.31 3.70 -8.28	48.24 4.04 -7.19	49.80 4.20 -7.76	49.80 4.41 -6.38	52.80 4.78 -7.15	54.20 5.13 -5.90	54.52 5.32 -5.60	52.80 5.04 -4.99	49.61 5.15 -0.02	45.75 4.34 -4.65	43.93 3.38 -12.17	41.87 2.56 -16.41	29.16 2.19 -6.56
WDELAWARE___HYD 323627	22.71 1.40 -1.02	18.67 1.17 0.00	19.53 0.80 -5.84	17.87 0.70 -5.67	20.30 0.74 -7.64	21.81 0.99 -4.61	28.15 2.09 0.00	28.73 1.99 -0.49	28.50 2.06 0.00	31.93 2.20 0.00	33.74 2.32 0.00	35.83 2.50 0.00	39.94 2.92 0.00	40.98 3.14 0.00	42.25 3.24 0.00	44.42 3.55 0.00	46.96 3.80 0.00	47.66 4.06 0.00	46.23 3.85 0.39	48.44 4.00 0.00	39.89 3.12 0.00	30.77 2.38 0.00	26.48 1.79 -1.80	24.93 1.55 -2.96
WEST BABYLON___IC 23714	39.95 2.29 -17.37	36.40 1.98 -16.93	28.77 1.39 -14.48	27.67 1.23 -14.94	27.77 1.28 -14.57	34.01 1.72 -16.08	42.38 3.31 -13.01	43.48 3.41 -13.82	43.03 3.57 -13.03	44.62 3.92 -10.97	47.39 4.15 -11.82	47.69 4.33 -10.02	50.21 4.70 -8.50	50.96 4.92 -8.21	53.16 5.19 -8.95	61.10 5.64 -14.59	75.51 6.04 -26.31	75.65 6.23 -25.81	84.17 5.99 -35.41	84.22 6.13 -33.64	58.64 5.15 -16.73	48.22 3.94 -15.89	42.65 3.11 -16.65	39.96 2.65 -16.89
WEST CANADA___HYD 24049	20.32 0.16 0.13	17.57 0.14 0.07	12.80 0.09 0.18	11.41 0.08 0.18	11.76 0.08 0.24	16.12 0.13 0.22	25.99 0.21 0.27	26.16 0.21 0.29	26.46 0.21 0.18	29.74 0.27 0.25	31.35 0.25 0.32	33.25 0.27 0.34	36.84 0.29 0.47	37.65 0.30 0.49	38.84 0.31 0.49	40.62 0.33 0.57	42.82 0.34 0.68	43.15 0.35 0.80	42.38 0.38 0.78	44.01 0.40 0.83	36.50 0.33 0.60	28.30 0.25 0.35	22.86 0.21 0.24	20.38 0.16 0.20
WESTERN_NY_WIND 24143	20.25 -0.08 -0.04	17.63 0.16 0.03	13.41 0.05 -0.47	12.10 0.14 -0.46	12.67 0.13 -0.62	16.80 0.24 -0.34	26.44 0.49 0.11	26.31 0.13 0.07	26.20 -0.24 0.00	29.40 -0.33 0.00	31.48 0.06 0.00	33.73 0.40 0.00	37.42 0.41 0.00	37.73 -0.11 0.00	39.02 0.00 0.00	40.33 -0.53 0.00	42.43 -0.73 0.00	42.32 -0.96 0.32	41.56 -0.69 0.52	43.88 -0.22 0.34	35.68 -0.84 0.24	27.23 -1.02 0.14	21.93 -1.03 -0.07	20.22 -0.39 -0.19
WESTOVER___LESR 323668	20.88 0.47 -0.12	17.89 0.42 0.02	14.06 0.26 -0.92	12.64 0.25 -0.89	13.38 0.26 -1.20	17.35 0.44 -0.70	26.80 0.83 0.10	26.99 0.76 0.02	27.10 0.66 0.00	30.50 0.77 0.00	32.30 0.88 0.00	34.37 1.03 0.00	38.17 1.15 0.00	38.97 1.13 0.00	40.23 1.21 0.00	41.93 1.06 0.00	44.15 0.99 0.00	44.36 1.04 0.28	43.12 1.02 0.67	45.30 1.15 0.29	37.36 0.81 0.21	28.80 0.54 0.12	23.47 0.37 -0.21	21.24 0.41 -0.42
WETHRSFD_WT_PWR 323626	20.23 -0.12 -0.06	17.52 0.05 0.03	13.43 -0.03 -0.57	12.09 0.03 -0.55	12.67 0.01 -0.74	16.76 0.13 -0.42	26.29 0.34 0.11	26.18 0.00 0.06	26.25 -0.18 0.00	29.52 -0.21 0.00	31.51 0.09 0.00	33.73 0.40 0.00	37.46 0.45 0.00	38.22 0.38 0.00	39.64 0.62 0.00	40.95 0.08 0.00	43.08 -0.09 0.00	43.15 -0.13 0.32	42.13 -0.09 0.55	44.33 0.22 0.33	36.19 -0.33 0.24	27.71 -0.54 0.14	22.42 -0.57 -0.10	20.51 -0.14 -0.24



WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.77	18.65	20.24	18.57	21.21	22.34	28.07	28.92	28.71	32.16	34.02	36.03	40.01	41.02	42.37	44.55	47.13	47.70	42.69	48.31	40.03	30.94	26.84	25.40
	1.34	1.15	0.79	0.70	0.72	0.96	2.01	2.13	2.27	2.44	2.61	2.70	3.00	3.18	3.36	3.68	3.97	4.10	3.85	3.86	3.27	2.56	1.92	1.65
	-1.14	0.00	-6.56	-6.36	-8.58	-5.18	0.00	-0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.93	0.00	0.00	0.00	-2.02	-3.33
YORK____WARBASSE 23770	23.43	19.08	21.38	19.65	22.58	23.38	28.75	35.67	43.25	43.83	44.58	45.38	48.35	49.91	49.92	52.96	54.41	54.74	53.06	49.83	45.93	44.44	43.32	29.20
	1.85	1.58	1.08	0.97	0.99	1.33	2.68	2.76	3.04	3.36	3.64	3.77	4.14	4.31	4.52	4.94	5.35	5.54	5.30	5.38	4.52	3.55	2.65	2.23
	-1.30	-0.01	-7.41	-7.18	-9.68	-5.84	-0.01	-6.67	-13.78	-10.75	-9.52	-8.28	-7.19	-7.76	-6.38	-7.15	-5.90	-5.60	-4.99	-0.02	-4.65	-12.51	-17.77	-6.56