

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/02/2018

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	24.88	23.71	21.40	21.22	21.79	22.85	27.07	34.56	35.71	38.01	40.44	39.60	41.93	43.70	43.95	45.01	45.76	47.38	46.74	53.90	42.08	38.51	29.70	25.86
24138	1.52	1.30	1.09	1.00	1.15	1.50	2.42	2.58	2.89	3.13	3.59	3.65	3.68	3.90	4.05	4.43	4.53	4.63	4.52	5.03	4.03	3.40	2.69	2.37
	-6.51	-7.42	-7.32	-8.13	-6.83	-4.45	-0.01	-6.41	-5.52	-5.35	-4.25	-2.51	-4.22	-4.07	-3.44	-0.66	-0.42	-1.43	0.00	0.00	0.00	-4.52	-2.73	-1.16
74TH STREET_GT_1	24.93	23.75	21.44	21.26	21.84	22.90	27.14	34.67	35.98	38.17	40.57	39.83	42.21	44.09	44.29	45.14	45.86	47.50	46.86	54.00	42.24	38.65	29.87	25.93
24260	1.57	1.35	1.13	1.04	1.19	1.55	2.49	2.68	2.98	3.22	3.65	3.71	3.74	4.00	4.16	4.55	4.61	4.75	4.64	5.13	4.19	3.52	2.77	2.43
	-6.51	-7.42	-7.32	-8.13	-6.83	-4.45	-0.01	-6.41	-5.71	-5.42	-4.32	-2.68	-4.43	-4.35	-3.67	-0.66	-0.45	-1.43	0.00	0.00	0.00	-4.54	-2.82	-1.16
74TH STREET_GT_2	24.93	23.75	21.44	21.26	21.84	22.90	27.14	34.67	35.98	38.17	40.57	39.83	42.21	44.09	44.29	45.14	45.86	47.50	46.86	54.00	42.24	38.65	29.87	25.93
24261	1.57	1.35	1.13	1.04	1.19	1.55	2.49	2.68	2.98	3.22	3.65	3.71	3.74	4.00	4.16	4.55	4.61	4.75	4.64	5.13	4.19	3.52	2.77	2.43
	-6.51	-7.42	-7.32	-8.13	-6.83	-4.45	-0.01	-6.41	-5.71	-5.42	-4.32	-2.68	-4.43	-4.35	-3.67	-0.66	-0.45	-1.43	0.00	0.00	0.00	-4.54	-2.82	-1.16
ADK HUDSON___FALLS	27.16	26.36	24.08	24.24	24.35	24.40	26.80	36.72	33.71	37.99	38.28	36.43	37.54	38.58	39.37	43.49	44.47	46.93	46.39	53.67	41.76	38.78	28.38	25.86
24011	1.32	1.12	0.98	0.92	1.09	1.35	2.24	2.40	2.68	2.95	3.03	3.18	3.20	3.04	3.10	3.59	3.92	3.93	4.47	5.18	3.96	3.09	2.26	1.99
	-8.99	-10.26	-10.11	-11.24	-9.44	-6.15	0.08	-8.74	-3.73	-5.50	-2.64	0.19	-0.31	0.19	0.19	0.03	0.26	-1.69	0.30	0.37	0.25	-5.10	-1.85	-1.54
ADK RESOURCE___RCVRY	27.29	26.46	24.14	24.30	24.42	24.53	27.05	36.94	33.96	38.26	38.69	36.80	37.94	39.01	39.82	43.98	44.93	47.43	46.78	54.17	42.15	39.07	28.66	26.12
23798	1.50	1.29	1.10	1.05	1.23	1.52	2.49	2.68	2.95	3.25	3.42	3.54	3.57	3.47	3.54	4.07	4.37	4.42	4.85	5.67	4.34	3.40	2.55	2.25
	-8.93	-10.19	-10.04	-11.16	-9.38	-6.11	0.08	-8.68	-3.71	-5.47	-2.66	0.18	-0.33	0.19	0.18	0.02	0.25	-1.68	0.29	0.36	0.24	-5.08	-1.84	-1.53
ADK S GLENS___FALLS	27.16	26.36	24.08	24.24	24.35	24.40	26.80	36.72	33.71	37.99	38.28	36.43	37.54	38.58	39.37	43.49	44.47	46.93	46.39	53.67	41.76	38.78	28.38	25.86
24028	1.32	1.12	0.98	0.92	1.09	1.35	2.24	2.40	2.68	2.95	3.03	3.18	3.20	3.04	3.10	3.59	3.92	3.93	4.47	5.18	3.96	3.09	2.26	1.99
	-8.99	-10.26	-10.11	-11.24	-9.44	-6.15	0.08	-8.74	-3.73	-5.50	-2.64	0.19	-0.31	0.19	0.19	0.03	0.26	-1.69	0.30	0.37	0.25	-5.10	-1.85	-1.54
ADK_NYS___DAM	26.97	26.18	23.89	24.02	24.12	24.20	26.59	36.30	33.30	37.51	38.12	36.15	37.26	38.53	39.36	43.36	44.13	46.64	45.70	52.77	41.13	38.31	28.16	25.70
23527	1.27	1.11	0.95	0.88	1.02	1.25	2.02	2.12	2.32	2.54	2.83	2.88	2.86	2.96	3.06	3.43	3.55	3.64	3.76	4.25	3.31	2.66	2.06	1.85
	-8.84	-10.09	-9.94	-11.05	-9.29	-6.06	0.08	-8.61	-3.68	-5.43	-2.68	0.17	-0.36	0.18	0.17	-0.01	0.23	-1.68	0.27	0.34	0.22	-5.05	-1.82	-1.52
AIR_PRODUCTS___DRP	26.20	25.62	23.39	23.54	23.60	23.59	25.61	35.22	32.20	36.31	36.82	34.78	35.84	37.08	37.88	41.76	42.46	44.94	43.95	50.82	39.57	36.99	27.11	24.70
24190	0.57	0.63	0.53	0.50	0.58	0.69	0.96	1.02	1.15	1.27	1.43	1.34	1.29	1.32	1.39	1.60	1.63	1.69	1.73	1.96	1.52	1.25	0.95	0.80
	-8.77	-10.01	-9.86	-10.96	-9.21	-6.00	0.00	-8.62	-3.76	-5.51	-2.79	0.00	-0.51	-0.02	-0.03	-0.24	-0.02	-1.92	0.00	0.00	0.00	-5.14	-1.89	-1.56
ALBANY___1	26.20	25.62	23.39	23.54	23.60	23.59	25.61	35.22	32.20	36.31	36.82	34.78	35.84	37.08	37.88	41.76	42.46	44.94	43.95	50.82	39.57	36.99	27.11	24.70
23571	0.57	0.63	0.53	0.50	0.58	0.69	0.96	1.02	1.15	1.27	1.43	1.34	1.29	1.32	1.39	1.60	1.63	1.69	1.73	1.96	1.52	1.25	0.95	0.80
	-8.77	-10.01	-9.86	-10.96	-9.21	-6.00	0.00	-8.62	-3.76	-5.51	-2.79	0.00	-0.51	-0.02	-0.03	-0.24	-0.02	-1.92	0.00	0.00	0.00	-5.14	-1.89	-1.56
ALBANY___2	26.20	25.62	23.39	23.54	23.60	23.59	25.61	35.22	32.20	36.31	36.82	34.78	35.84	37.08	37.88	41.76	42.46	44.94	43.95	50.82	39.57	36.99	27.11	24.70
23572	0.57	0.63	0.53	0.50	0.58	0.69	0.96	1.02	1.15	1.27	1.43	1.34	1.29	1.32	1.39	1.60	1.63	1.69	1.73	1.96	1.52	1.25	0.95	0.80
	-8.77	-10.01	-9.86	-10.96	-9.21	-6.00	0.00	-8.62	-3.76	-5.51	-2.79	0.00	-0.51	-0.02	-0.03	-0.24	-0.02	-1.92	0.00	0.00	0.00	-5.14	-1.89	-1.56
ALBANY___3	26.20	25.62	23.39	23.54	23.60	23.59	25.61	35.22	32.20	36.31	36.82	34.78	35.84	37.08	37.88	41.76	42.46	44.94	43.95	50.82	39.57	36.99	27.11	24.70
23573	0.57	0.63	0.53	0.50	0.58	0.69	0.96	1.02	1.15	1.27	1.43	1.34	1.29	1.32	1.39	1.60	1.63	1.69	1.73	1.96	1.52	1.25	0.95	0.80
	-8.77	-10.01	-9.86	-10.96	-9.21	-6.00	0.00	-8.62	-3.76	-5.51	-2.79	0.00	-0.51	-0.02	-0.03	-0.24	-0.02	-1.92	0.00	0.00	0.00	-5.14	-1.89	-1.56
ALBANY___4	26.20	25.62	23.39	23.54	23.60	23.59	25.61	35.22	32.20	36.31	36.82	34.78	35.84	37.08	37.88	41.76	42.46	44.94	43.95	50.82	39.57	36.99	27.11	24.70
23574	0.57	0.63	0.53	0.50	0.58	0.69	0.96	1.02	1.15	1.27	1.43	1.34	1.29	1.32	1.39	1.60	1.63	1.69	1.73	1.96	1.52	1.25	0.95	0.80
	-8.77	-10.01	-9.86	-10.96	-9.21	-6.00	0.00	-8.62	-3.76	-5.51	-2.79	0.00	-0.51	-0.02	-0.03	-0.24	-0.02	-1.92	0.00	0.00	0.00	-5.14	-1.89	-1.56



ALBANY___LFGE 323615	26.52 0.78 -8.89	25.89 0.76 -10.14	23.64 0.65 -9.99	23.81 0.62 -11.11	23.87 0.72 -9.34	23.84 0.86 -6.09	25.93 1.28 0.00	35.70 1.38 -8.74	32.64 1.53 -3.81	36.83 1.71 -5.58	37.31 1.92 -2.79	35.32 1.87 0.00	36.37 1.84 -0.50	37.61 1.86 -0.02	38.43 1.93 -0.03	42.35 2.19 -0.23	43.07 2.24 -0.02	45.58 2.31 -1.95	44.66 2.45 0.00	51.60 2.73 0.00	40.18 2.13 0.00	37.50 1.71 -5.19	27.48 1.29 -1.91	25.03 1.12 -1.58
ALCOA_RYNLDS___DRP 24188	16.05 -0.81 0.00	14.16 -0.82 0.00	12.36 -0.64 0.00	11.51 -0.58 0.00	13.09 -0.72 0.00	16.03 -0.86 0.00	17.23 -1.21 6.21	16.82 -1.30 7.45	16.95 -1.39 8.96	17.64 -1.51 10.38	17.97 -1.60 13.03	17.99 -1.64 13.82	18.08 -1.70 14.26	18.05 -2.18 15.51	18.07 -2.26 16.13	17.80 -2.56 19.56	18.16 -2.45 20.20	18.15 -2.40 20.78	18.15 -2.40 21.66	18.92 -2.59 27.35	18.07 -2.02 17.96	17.97 -1.38 11.25	16.85 -1.09 6.34	16.63 -1.05 4.65
ALCOA___DSASP 323711	16.05 -0.81 0.00	14.16 -0.82 0.00	12.36 -0.64 0.00	11.51 -0.58 0.00	13.09 -0.72 0.00	16.03 -0.86 0.00	17.23 -1.21 6.21	16.82 -1.30 7.45	16.95 -1.39 8.96	17.64 -1.51 10.38	17.97 -1.60 13.03	17.99 -1.64 13.82	18.08 -1.70 14.26	18.05 -2.18 15.51	18.07 -2.26 16.13	17.80 -2.56 19.56	18.16 -2.45 20.20	18.15 -2.40 20.78	18.15 -2.40 21.66	18.92 -2.59 27.35	18.07 -2.02 17.96	17.97 -1.38 11.25	16.85 -1.09 6.34	16.63 -1.05 4.65
ALLEGHENY___COGEN 23514	17.69 0.37 -0.46	15.93 0.42 -0.53	13.66 0.14 -0.52	12.76 0.10 -0.58	14.58 0.28 -0.49	17.58 0.37 -0.32	24.48 -0.07 0.09	26.05 0.13 -0.35	27.37 0.00 -0.07	29.59 -0.06 -0.11	32.16 -0.19 0.25	33.11 -0.13 0.20	34.00 0.27 0.31	35.62 0.11 0.22	36.37 0.15 0.24	39.59 0.00 0.33	40.48 -0.04 0.29	40.67 -0.45 0.19	41.82 -0.08 0.31	48.82 0.34 0.39	38.06 0.27 0.26	30.39 -0.25 -0.04	23.92 -0.36 -0.01	22.37 0.02 -0.02
ALTONA_WT_PWR 323606	16.37 -0.49 0.00	14.40 -0.58 0.00	12.55 -0.44 0.00	11.64 -0.45 0.00	13.25 -0.57 0.00	16.25 -0.64 0.00	17.59 -0.72 6.34	17.34 -0.59 7.65	17.64 -0.46 9.20	18.55 -0.32 10.66	18.78 -0.29 13.53	18.80 -0.30 14.34	19.03 -0.20 14.80	19.25 -0.39 16.10	19.29 -0.44 16.74	18.94 -0.68 20.31	19.40 -0.53 20.87	19.40 -0.45 21.47	19.42 -0.42 22.38	20.17 -0.44 28.26	19.23 -0.26 18.55	18.64 -0.34 11.62	17.27 -0.46 6.55	17.08 -0.45 4.81
AMERICAN_REF_FUEL 24010	16.55 -0.74 -0.43	15.03 -0.43 -0.49	12.85 -0.62 -0.48	12.02 -0.60 -0.54	13.68 -0.58 -0.45	16.39 -0.79 -0.29	23.28 -1.28 0.09	24.87 -1.02 -0.32	26.16 -1.20 -0.06	28.39 -1.24 -0.10	31.19 -1.17 0.24	31.98 -1.27 0.19	32.79 -0.95 0.30	34.30 -1.22 0.22	35.10 -1.13 0.23	38.08 -1.52 0.32	38.97 -1.55 0.29	38.97 -2.15 0.20	40.06 -1.86 0.30	46.48 -2.01 0.38	36.31 -1.48 0.25	29.36 -1.26 -0.02	22.90 -1.38 0.00	21.56 -0.78 -0.01
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.20 -0.14 -0.47	15.61 0.09 -0.54	13.27 -0.26 -0.53	12.40 -0.28 -0.59	14.10 -0.21 -0.50	17.03 -0.19 -0.32	24.36 -0.20 0.09	26.19 0.26 -0.36	27.62 0.25 -0.08	30.16 0.50 -0.12	33.23 0.88 0.25	33.99 0.73 0.19	34.82 1.09 0.31	36.45 0.93 0.22	37.32 1.09 0.23	40.44 0.84 0.32	41.30 0.77 0.29	41.18 0.04 0.19	42.34 0.42 0.30	49.27 0.78 0.38	38.56 0.76 0.25	31.28 0.64 -0.04	24.22 -0.07 -0.01	22.87 0.51 -0.02
ARTHUR_KILL_GT_1 23520	24.92 1.55 -6.51	23.71 1.30 -7.43	21.41 1.09 -7.32	21.22 0.99 -8.14	21.79 1.13 -6.84	22.79 1.44 -4.46	27.02 2.37 -0.01	34.49 2.51 -6.41	35.64 2.73 -5.61	37.86 2.95 -5.38	40.20 3.33 -4.28	38.67 3.38 -1.85	37.04 3.47 0.47	37.04 3.68 2.38	37.04 3.83 3.25	37.14 4.19 6.98	37.04 4.20 7.97	37.80 4.38 7.90	37.07 4.31 9.45	40.79 4.64 12.72	42.00 3.96 0.01	38.33 3.31 -4.43	29.69 2.62 -2.79	25.91 2.41 -1.17
ARTHUR_KILL_2 23512	24.92 1.55 -6.51	23.71 1.30 -7.43	21.41 1.09 -7.32	21.22 0.99 -8.14	21.79 1.13 -6.84	22.79 1.44 -4.46	27.02 2.37 -0.01	34.49 2.51 -6.41	35.64 2.73 -5.61	37.86 2.95 -5.38	40.20 3.33 -4.28	38.67 3.38 -1.85	37.04 3.47 0.47	37.04 3.68 2.38	37.04 3.83 3.25	37.14 4.19 6.98	37.04 4.20 7.97	37.80 4.38 7.90	37.07 4.31 9.45	40.79 4.64 12.72	42.00 3.96 0.01	38.33 3.31 -4.43	29.69 2.62 -2.79	25.91 2.41 -1.17
ARTHUR_KILL_3 23513	24.83 1.47 -6.51	23.65 1.24 -7.42	21.36 1.05 -7.32	21.19 0.97 -8.13	21.74 1.09 -6.83	22.80 1.45 -4.45	27.00 2.34 -0.01	34.46 2.48 -6.41	35.73 2.81 -5.62	37.90 2.98 -5.38	40.31 3.42 -4.28	38.75 3.45 -1.86	37.01 3.44 0.46	37.05 3.68 2.37	37.05 3.83 3.24	37.14 4.19 6.97	37.13 4.28 7.96	37.81 4.38 7.89	37.03 4.26 9.44	40.84 4.69 12.71	41.89 3.84 0.00	38.29 3.28 -4.42	29.66 2.60 -2.78	25.75 2.25 -1.16
ARTHUR_KILL_COGEN 323718	24.92 1.55 -6.51	23.71 1.30 -7.43	21.41 1.09 -7.32	21.22 0.99 -8.14	21.79 1.13 -6.84	22.79 1.44 -4.46	27.02 2.37 -0.01	34.49 2.51 -6.41	35.64 2.73 -5.61	37.86 2.95 -5.38	40.20 3.33 -4.28	38.67 3.38 -1.85	37.04 3.47 0.47	37.04 3.68 2.38	37.04 3.83 3.25	37.14 4.19 6.98	37.04 4.20 7.97	37.80 4.38 7.90	37.07 4.31 9.45	40.79 4.64 12.72	42.00 3.96 0.01	38.33 3.31 -4.43	29.69 2.62 -2.79	25.91 2.41 -1.17
ASHOKAN____ 23654	25.17 1.25 -7.06	24.14 1.11 -8.05	21.88 0.95 -7.94	21.79 0.88 -8.82	22.26 1.04 -7.41	22.91 1.18 -4.83	26.67 2.02 0.00	35.20 2.68 -6.94	33.14 2.81 -3.02	37.08 3.13 -4.42	38.29 3.59 -2.10	37.06 3.61 0.00	37.93 3.57 -0.32	39.75 4.00 -0.01	40.57 4.08 -0.02	44.74 4.67 -0.15	45.55 4.73 -0.01	47.99 5.12 -1.55	47.45 5.23 0.00	55.07 6.21 0.00	42.20 4.15 0.00	37.86 3.18 -4.08	28.05 2.26 -1.52	25.42 1.83 -1.26
ASTORIA_EAST_ENERGY_CC1 323581	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.06 1.71 -4.46	27.14 2.49 -0.01	34.67 2.68 -6.41	35.94 3.03 -5.61	38.10 3.19 -5.38	40.50 3.62 -4.28	39.71 3.68 -2.59	42.10 3.74 -4.32	43.91 3.97 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.66 4.79 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.00 2.50 -1.17
ASTORIA_EAST_ENERGY_CC2 323582	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	21.98 1.33 -6.84	23.06 1.71 -4.46	27.14 2.49 -0.01	34.67 2.68 -6.41	35.94 3.03 -5.61	38.10 3.19 -5.38	40.50 3.62 -4.28	39.71 3.68 -2.59	42.10 3.74 -4.32	43.91 3.97 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.66 4.79 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.00 2.50 -1.17
ASTORIA_GT2_I 24094	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17



ASTORIA_GT2_2 24095	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT2_3 24096	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT2_4 24097	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT3_1 24098	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT3_2 24099	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT3_3 24100	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT3_4 24101	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT4_1 24102	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT4_2 24103	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT4_3 24104	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT4_4 24105	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT_1 23523	25.01 1.64 -6.51	23.88 1.47 -7.43	21.58 1.26 -7.32	21.39 1.16 -8.14	22.00 1.34 -6.84	23.08 1.72 -4.46	27.14 2.49 -0.01	34.69 2.71 -6.41	35.94 3.03 -5.61	38.13 3.22 -5.38	40.53 3.65 -4.28	39.74 3.71 -2.59	42.10 3.74 -4.32	43.95 4.00 -4.21	44.17 4.16 -3.55	45.00 4.43 -0.65	45.68 4.45 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.71 4.84 0.00	42.39 4.34 0.00	38.66 3.55 -4.52	29.89 2.84 -2.77	26.02 2.52 -1.17
ASTORIA_GT_10 24110	25.01 1.64 -6.51	23.82 1.41 -7.43	21.50 1.18 -7.32	21.32 1.09 -8.14	21.90 1.24 -6.84	22.98 1.62 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.51 3.59 -4.32	39.80 3.68 -2.68	42.18 3.71 -4.43	44.05 3.97 -4.35	44.25 4.12 -3.67	45.10 4.51 -0.66	45.74 4.49 -0.45	47.38 4.63 -1.43	46.78 4.56 0.00	53.71 4.84 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.00 2.50 -1.17
ASTORIA_GT_11 24225	25.01 1.64 -6.51	23.82 1.41 -7.43	21.50 1.18 -7.32	21.32 1.09 -8.14	21.90 1.24 -6.84	22.98 1.62 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.51 3.59 -4.32	39.80 3.68 -2.68	42.18 3.71 -4.43	44.05 3.97 -4.35	44.25 4.12 -3.67	45.10 4.51 -0.66	45.74 4.49 -0.45	47.38 4.63 -1.43	46.78 4.56 0.00	53.71 4.84 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.00 2.50 -1.17
ASTORIA_GT_12 24226	25.01 1.64 -6.51	23.82 1.41 -7.43	21.50 1.18 -7.32	21.32 1.09 -8.14	21.90 1.24 -6.84	22.98 1.62 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.51 3.59 -4.32	39.80 3.68 -2.68	42.18 3.71 -4.43	44.05 3.97 -4.35	44.25 4.12 -3.67	45.10 4.51 -0.66	45.74 4.49 -0.45	47.38 4.63 -1.43	46.78 4.56 0.00	53.71 4.84 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.00 2.50 -1.17



ASTORIA_GT_13 24227	25.01	23.82	21.50	21.32	21.90	22.98	27.19	34.72	36.01	38.14	40.51	39.80	42.18	44.05	44.25	45.10	45.74	47.38	46.78	53.71	42.27	38.65	29.92	26.00
	1.64	1.41	1.18	1.09	1.24	1.62	2.54	2.74	3.00	3.19	3.59	3.68	3.71	3.97	4.12	4.51	4.49	4.63	4.56	4.84	4.22	3.52	2.81	2.50
	-6.51	-7.43	-7.32	-8.14	-6.84	-4.46	-0.01	-6.41	-5.71	-5.42	-4.32	-2.68	-4.43	-4.35	-3.67	-0.66	-0.45	-1.43	0.00	0.00	0.00	-4.54	-2.82	-1.17
ASTORIA_GT_5 24106	25.01	23.88	21.58	21.39	22.00	23.08	27.14	34.69	35.94	38.13	40.53	39.74	42.10	43.95	44.17	45.00	45.68	47.42	46.94	53.71	42.39	38.66	29.89	26.02
	1.64	1.47	1.26	1.16	1.34	1.72	2.49	2.71	3.03	3.22	3.65	3.71	3.74	4.00	4.16	4.43	4.45	4.67	4.73	4.84	4.34	3.55	2.84	2.52
	-6.51	-7.43	-7.32	-8.14	-6.84	-4.46	-0.01	-6.41	-5.61	-5.38	-4.28	-2.59	-4.32	-4.21	-3.55	-0.65	-0.43	-1.43	0.00	0.00	0.00	-4.52	-2.77	-1.17
ASTORIA_GT_7 24107	25.01	23.88	21.58	21.39	22.00	23.08	27.14	34.69	35.94	38.13	40.53	39.74	42.10	43.95	44.17	45.00	45.68	47.42	46.94	53.71	42.39	38.66	29.89	26.02
	1.64	1.47	1.26	1.16	1.34	1.72	2.49	2.71	3.03	3.22	3.65	3.71	3.74	4.00	4.16	4.43	4.45	4.67	4.73	4.84	4.34	3.55	2.84	2.52
	-6.51	-7.43	-7.32	-8.14	-6.84	-4.46	-0.01	-6.41	-5.61	-5.38	-4.28	-2.59	-4.32	-4.21	-3.55	-0.65	-0.43	-1.43	0.00	0.00	0.00	-4.52	-2.77	-1.17
ASTORIA_GT_8 24108	25.01	23.88	21.58	21.39	22.00	23.08	27.14	34.69	35.94	38.13	40.53	39.74	42.10	43.95	44.17	45.00	45.68	47.42	46.94	53.71	42.39	38.66	29.89	26.02
	1.64	1.47	1.26	1.16	1.34	1.72	2.49	2.71	3.03	3.22	3.65	3.71	3.74	4.00	4.16	4.43	4.45	4.67	4.73	4.84	4.34	3.55	2.84	2.52
	-6.51	-7.43	-7.32	-8.14	-6.84	-4.46	-0.01	-6.41	-5.61	-5.38	-4.28	-2.59	-4.32	-4.21	-3.55	-0.65	-0.43	-1.43	0.00	0.00	0.00	-4.52	-2.77	-1.17
ASTORIA___2 24149	25.01	23.88	21.58	21.39	22.00	23.08	27.14	34.69	35.94	38.13	40.53	39.74	42.10	43.95	44.17	45.00	45.68	47.42	46.94	53.71	42.39	38.66	29.89	26.02
	1.64	1.47	1.26	1.16	1.34	1.72	2.49	2.71	3.03	3.22	3.65	3.71	3.74	4.00	4.16	4.43	4.45	4.67	4.73	4.84	4.34	3.55	2.84	2.52
	-6.51	-7.43	-7.32	-8.14	-6.84	-4.46	-0.01	-6.41	-5.61	-5.38	-4.28	-2.59	-4.32	-4.21	-3.55	-0.65	-0.43	-1.43	0.00	0.00	0.00	-4.52	-2.77	-1.17
ASTORIA___3 23516	25.01	23.82	21.50	21.32	21.90	22.98	27.19	34.72	36.01	38.14	40.51	39.80	42.18	44.05	44.25	45.10	45.74	47.38	46.78	53.71	42.27	38.65	29.92	26.00
	1.64	1.41	1.18	1.09	1.24	1.62	2.54	2.74	3.00	3.19	3.59	3.68	3.71	3.97	4.12	4.51	4.49	4.63	4.56	4.84	4.22	3.52	2.81	2.50
	-6.51	-7.43	-7.32	-8.14	-6.84	-4.46	-0.01	-6.41	-5.71	-5.42	-4.32	-2.68	-4.43	-4.35	-3.67	-0.66	-0.45	-1.43	0.00	0.00	0.00	-4.54	-2.82	-1.17
ASTORIA___4 23517	25.01	23.88	21.58	21.39	22.00	23.08	27.14	34.69	35.94	38.13	40.53	39.74	42.10	43.95	44.17	45.00	45.68	47.42	46.94	53.71	42.39	38.66	29.89	26.02
	1.64	1.47	1.26	1.16	1.34	1.72	2.49	2.71	3.03	3.22	3.65	3.71	3.74	4.00	4.16	4.43	4.45	4.67	4.73	4.84	4.34	3.55	2.84	2.52
	-6.51	-7.43	-7.32	-8.14	-6.84	-4.46	-0.01	-6.41	-5.61	-5.38	-4.28	-2.59	-4.32	-4.21	-3.55	-0.65	-0.43	-1.43	0.00	0.00	0.00	-4.52	-2.77	-1.17
ASTORIA___5 23518	25.01	23.82	21.50	21.32	21.90	22.98	27.19	34.72	36.01	38.14	40.51	39.80	42.18	44.05	44.25	45.10	45.74	47.38	46.78	53.71	42.27	38.65	29.92	26.00
	1.64	1.41	1.18	1.09	1.24	1.62	2.54	2.74	3.00	3.19	3.59	3.68	3.71	3.97	4.12	4.51	4.49	4.63	4.56	4.84	4.22	3.52	2.81	2.50
	-6.51	-7.43	-7.32	-8.14	-6.84	-4.46	-0.01	-6.41	-5.71	-5.42	-4.32	-2.68	-4.43	-4.35	-3.67	-0.66	-0.45	-1.43	0.00	0.00	0.00	-4.54	-2.82	-1.17
AST_ENERGY_2_CC3 323677	24.90	23.71	21.40	21.22	21.79	22.87	27.07	34.56	35.81	38.02	40.44	39.65	42.01	43.81	44.03	45.01	45.73	47.38	46.74	53.85	42.08	38.52	29.75	25.86
	1.53	1.30	1.09	1.00	1.15	1.52	2.42	2.58	2.89	3.10	3.55	3.61	3.64	3.86	4.01	4.43	4.49	4.63	4.52	4.99	4.03	3.40	2.69	2.37
	-6.51	-7.42	-7.32	-8.13	-6.83	-4.45	-0.01	-6.41	-5.62	-5.38	-4.28	-2.60	-4.33	-4.21	-3.56	-0.66	-0.43	-1.43	0.00	0.00	0.00	-4.53	-2.78	-1.16
AST_ENERGY_2_CC4 323678	24.90	23.71	21.40	21.22	21.79	22.87	27.07	34.56	35.81	38.02	40.44	39.65	42.01	43.81	44.03	45.01	45.73	47.38	46.74	53.85	42.08	38.52	29.75	25.86
	1.53	1.30	1.09	1.00	1.15	1.52	2.42	2.58	2.89	3.10	3.55	3.61	3.64	3.86	4.01	4.43	4.49	4.63	4.52	4.99	4.03	3.40	2.69	2.37
	-6.51	-7.42	-7.32	-8.13	-6.83	-4.45	-0.01	-6.41	-5.62	-5.38	-4.28	-2.60	-4.33	-4.21	-3.56	-0.66	-0.43	-1.43	0.00	0.00	0.00	-4.53	-2.78	-1.16
ATHENS_STG_1 23668	25.86	25.01	22.76	22.82	23.02	23.35	26.12	35.07	32.42	36.44	37.70	35.48	36.85	37.95	38.78	42.76	43.37	45.74	44.84	51.75	40.33	37.45	27.59	25.18
	0.93	0.82	0.69	0.64	0.73	0.93	1.48	1.56	1.67	1.77	2.06	2.04	2.04	2.18	2.26	2.48	2.53	2.65	2.62	2.88	2.28	1.96	1.58	1.41
	-8.07	-9.21	-9.08	-10.09	-8.48	-5.53	0.00	-7.94	-3.46	-5.14	-3.04	0.00	-0.77	-0.03	-0.05	-0.36	-0.03	-1.77	0.00	0.00	0.00	-4.90	-1.74	-1.44
ATHENS_STG_2 23670	25.86	25.01	22.76	22.82	23.02	23.35	26.12	35.07	32.42	36.44	37.70	35.48	36.85	37.95	38.78	42.76	43.37	45.74	44.84	51.75	40.33	37.45	27.59	25.18
	0.93	0.82	0.69	0.64	0.73	0.93	1.48	1.56	1.67	1.77	2.06	2.04	2.04	2.18	2.26	2.48	2.53	2.65	2.62	2.88	2.28	1.96	1.58	1.41
	-8.07	-9.21	-9.08	-10.09	-8.48	-5.53	0.00	-7.94	-3.46	-5.14	-3.04	0.00	-0.77	-0.03	-0.05	-0.36	-0.03	-1.77	0.00	0.00	0.00	-4.90	-1.74	-1.44
ATHENS_STG_3 23677	25.86	25.01	22.76	22.82	23.02	23.35	26.12	35.07	32.42	36.44	37.70	35.48	36.85	37.95	38.78	42.76	43.37	45.74	44.84	51.75	40.33	37.45	27.59	25.18
	0.93	0.82	0.69	0.64	0.73	0.93	1.48	1.56	1.67	1.77	2.06	2.04	2.04	2.18	2.26	2.48	2.53	2.65	2.62	2.88	2.28	1.96	1.58	1.41
	-8.07	-9.21	-9.08	-10.09	-8.48	-5.53	0.00	-7.94	-3.46	-5.14	-3.04	0.00	-0.77	-0.03	-0.05	-0.36	-0.03	-1.77	0.00	0.00	0.00	-4.90	-1.74	-1.44
AUBURN___LFGE 323710	17.41	15.58	13.47	12.59	14.33	17.36	24.93	26.19	27.69	30.03	32.77	33.76	34.34	36.16	36.82	40.16	41.08	41.59	42.54	49.34	38.44	30.93	24.47	22.62
	0.22	0.23	0.10	0.10	0.17	0.24	0.39	0.43	0.41	0.50	0.46	0.57	0.65	0.71	0.66	0.64	0.65	0.58	0.72	0.98	0.72	0.40	0.24	0.31
	-0.33	-0.37	-0.37	-0.41	-0.35	-0.22	0.11	-0.19	0.02	0.00	0.29	0.25	0.34	0.29	0.30	0.40	0.37	0.31	0.40	0.50	0.33	0.07	0.05	0.03
BABYLON_RES_REC 323704	28.53	25.59	21.86	21.62	22.22	23.90	34.52	38.96	35.01	37.78	40.56	42.39	44.88	47.87	48.93	48.98	52.84	56.61	60.03	58.46	52.90	44.16	38.80	36.16
	2.07	1.83	1.53	1.39	1.56	2.06	3.20	3.38	3.71	3.99	4.27	4.28	4.22	4.50	4.67	5.15	5.27	5.37	5.15	5.81	4.83	4.07	3.47	3.08
	-9.60	-8.78	-7.33	-8.14	-6.84	-4.94	-6.67	-10.01	-4.00	-4.26	-3.69	-4.67	-6.62	-7.63	-7.80	-3.90	-6.77	-9.92	-12.67	-3.78	-10.02	-9.50	-11.05	-10.75



BARRETT_IC_1 23704	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	45.54 4.01 -8.93	64.75 4.08 -27.23	71.31 3.98 -33.29	84.39 4.25 -44.40	86.09 4.41 -45.22	71.98 4.87 -27.19	85.11 4.98 -39.32	97.44 5.08 -51.04	121.26 4.98 -74.06	76.61 5.71 -22.03	143.78 4.56 -101.17	69.97 3.82 -35.55	69.97 3.01 -42.68	78.78 2.68 -53.76
BARRETT_IC_10 23701	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	41.69 4.01 -5.08	48.14 4.08 -10.62	51.68 3.98 -13.66	57.33 4.25 -17.34	58.55 4.41 -17.68	54.84 4.87 -10.05	61.15 4.98 -15.36	67.18 5.08 -20.78	76.07 4.98 -28.88	63.18 5.71 -8.60	76.70 4.56 -34.08	50.80 3.82 -16.38	69.98 3.01 -42.69	78.79 2.68 -53.77
BARRETT_IC_11 23702	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	41.69 4.01 -5.08	48.14 4.08 -10.62	51.68 3.98 -13.66	57.33 4.25 -17.34	58.55 4.41 -17.68	54.84 4.87 -10.05	61.15 4.98 -15.36	67.18 5.08 -20.78	76.07 4.98 -28.88	63.18 5.71 -8.60	76.70 4.56 -34.08	50.80 3.82 -16.38	69.98 3.01 -42.69	78.79 2.68 -53.77
BARRETT_IC_12 23703	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	41.69 4.01 -5.08	48.14 4.08 -10.62	51.68 3.98 -13.66	57.33 4.25 -17.34	58.55 4.41 -17.68	54.84 4.87 -10.05	61.15 4.98 -15.36	67.18 5.08 -20.78	76.07 4.98 -28.88	63.18 5.71 -8.60	76.70 4.56 -34.08	50.80 3.82 -16.38	69.98 3.01 -42.69	78.79 2.68 -53.77
BARRETT_IC_2 23705	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	45.54 4.01 -8.93	64.75 4.08 -27.23	71.31 3.98 -33.29	84.39 4.25 -44.40	86.09 4.41 -45.22	71.98 4.87 -27.19	85.11 4.98 -39.32	97.44 5.08 -51.04	121.26 4.98 -74.06	76.61 5.71 -22.03	143.78 4.56 -101.17	69.97 3.82 -35.55	69.97 3.01 -42.68	78.78 2.68 -53.76
BARRETT_IC_3 23706	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	45.54 4.01 -8.93	64.75 4.08 -27.23	71.31 3.98 -33.29	84.39 4.25 -44.40	86.09 4.41 -45.22	71.98 4.87 -27.19	85.11 4.98 -39.32	97.44 5.08 -51.04	121.26 4.98 -74.06	76.61 5.71 -22.03	143.78 4.56 -101.17	69.97 3.82 -35.55	69.97 3.01 -42.68	78.78 2.68 -53.76
BARRETT_IC_4 23707	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	45.54 4.01 -8.93	64.75 4.08 -27.23	71.31 3.98 -33.29	84.39 4.25 -44.40	86.09 4.41 -45.22	71.98 4.87 -27.19	85.11 4.98 -39.32	97.44 5.08 -51.04	121.26 4.98 -74.06	76.61 5.71 -22.03	143.78 4.56 -101.17	69.97 3.82 -35.55	69.97 3.01 -42.68	78.78 2.68 -53.76
BARRETT_IC_5 23708	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	45.54 4.01 -8.93	64.75 4.08 -27.23	71.31 3.98 -33.29	84.39 4.25 -44.40	86.09 4.41 -45.22	71.98 4.87 -27.19	85.11 4.98 -39.32	97.44 5.08 -51.04	121.26 4.98 -74.06	76.61 5.71 -22.03	143.78 4.56 -101.17	69.97 3.82 -35.55	69.97 3.01 -42.68	78.78 2.68 -53.76
BARRETT_IC_6 23709	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	45.54 4.01 -8.93	64.75 4.08 -27.23	71.31 3.98 -33.29	84.39 4.25 -44.40	86.09 4.41 -45.22	71.98 4.87 -27.19	85.11 4.98 -39.32	97.44 5.08 -51.04	121.26 4.98 -74.06	76.61 5.71 -22.03	143.78 4.56 -101.17	69.97 3.82 -35.55	69.97 3.01 -42.68	78.78 2.68 -53.76
BARRETT_IC_7 23710	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	45.54 4.01 -8.93	64.75 4.08 -27.23	71.31 3.98 -33.29	84.39 4.25 -44.40	86.09 4.41 -45.22	71.98 4.87 -27.19	85.11 4.98 -39.32	97.44 5.08 -51.04	121.26 4.98 -74.06	76.61 5.71 -22.03	143.78 4.56 -101.17	69.97 3.82 -35.55	69.97 3.01 -42.68	78.78 2.68 -53.76
BARRETT_IC_8 23711	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	45.54 4.01 -8.93	64.75 4.08 -27.23	71.31 3.98 -33.29	84.39 4.25 -44.40	86.09 4.41 -45.22	71.98 4.87 -27.19	85.11 4.98 -39.32	97.44 5.08 -51.04	121.26 4.98 -74.06	76.61 5.71 -22.03	143.78 4.56 -101.17	69.97 3.82 -35.55	69.97 3.01 -42.68	78.78 2.68 -53.76
BARRETT_IC_9 23700	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	41.69 4.01 -5.08	48.14 4.08 -10.62	51.68 3.98 -13.66	57.33 4.25 -17.34	58.55 4.41 -17.68	54.84 4.87 -10.05	61.15 4.98 -15.36	67.18 5.08 -20.78	76.07 4.98 -28.88	63.18 5.71 -8.60	76.70 4.56 -34.08	50.80 3.82 -16.38	69.98 3.01 -42.69	78.79 2.68 -53.77
BARRETT___1 23545	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	45.54 4.01 -8.93	64.75 4.08 -27.23	71.31 3.98 -33.29	84.39 4.25 -44.40	86.09 4.41 -45.22	71.98 4.87 -27.19	85.11 4.98 -39.32	97.44 5.08 -51.04	121.26 4.98 -74.06	76.61 5.71 -22.03	143.78 4.56 -101.17	69.97 3.82 -35.55	69.97 3.01 -42.68	78.78 2.68 -53.76
BARRETT___2 23546	42.30 1.79 -23.65	31.45 1.56 -14.91	21.68 1.35 -7.34	21.48 1.25 -8.15	22.06 1.39 -6.85	25.15 1.81 -6.45	34.76 2.81 -7.31	38.85 2.94 -10.34	34.69 3.27 -4.12	37.28 3.48 -4.27	41.69 4.01 -5.08	48.14 4.08 -10.62	51.68 3.98 -13.66	57.33 4.25 -17.34	58.55 4.41 -17.68	54.84 4.87 -10.05	61.15 4.98 -15.36	67.18 5.08 -20.78	76.07 4.98 -28.88	63.18 5.71 -8.60	76.70 4.56 -34.08	50.80 3.82 -16.38	69.98 3.01 -42.69	78.79 2.68 -53.77
BAYONEEC___CTG1 323682	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.23 1.02 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	44.97 4.39 -0.66	45.73 4.49 -0.43	47.34 4.59 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16



BAYONEEC___CTG10 323750	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.23 1.02 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	44.97 4.39 -0.66	45.73 4.49 -0.43	47.34 4.59 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
BAYONEEC___CTG2 323683	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.23 1.02 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	44.97 4.39 -0.66	45.73 4.49 -0.43	47.34 4.59 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
BAYONEEC___CTG3 323684	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.23 1.02 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	44.97 4.39 -0.66	45.73 4.49 -0.43	47.34 4.59 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
BAYONEEC___CTG4 323685	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.23 1.02 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	44.97 4.39 -0.66	45.73 4.49 -0.43	47.34 4.59 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
BAYONEEC___CTG5 323686	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.23 1.02 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	44.97 4.39 -0.66	45.73 4.49 -0.43	47.34 4.59 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
BAYONEEC___CTG6 323687	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.23 1.02 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	44.97 4.39 -0.66	45.73 4.49 -0.43	47.34 4.59 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
BAYONEEC___CTG7 323688	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.23 1.02 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	44.97 4.39 -0.66	45.73 4.49 -0.43	47.34 4.59 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
BAYONEEC___CTG8 323689	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.23 1.02 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	44.97 4.39 -0.66	45.73 4.49 -0.43	47.34 4.59 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
BAYONEEC___CTG9 323749	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.23 1.02 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	44.97 4.39 -0.66	45.73 4.49 -0.43	47.34 4.59 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
BEACON___LESR 323632	26.44 0.86 -8.72	25.76 0.82 -9.95	23.51 0.70 -9.81	23.64 0.65 -10.90	23.75 0.77 -9.16	23.80 0.93 -5.97	26.10 1.45 0.00	35.71 1.56 -8.58	32.79 1.75 -3.74	36.93 1.92 -5.48	37.52 2.15 -2.77	35.52 2.07 0.00	36.59 2.04 -0.51	37.83 2.07 -0.02	38.65 2.15 -0.03	42.60 2.44 -0.24	43.32 2.49 -0.02	45.80 2.56 -1.91	44.96 2.74 0.00	51.95 3.08 0.00	40.45 2.40 0.00	37.60 1.90 0.00	27.56 1.41 -5.11	25.12 1.23 -1.88
BEAVER RIVER___HYD 24048	16.89 0.03 0.00	14.97 -0.01 0.00	12.89 -0.10 0.00	12.02 -0.07 0.00	13.73 -0.08 0.00	17.05 0.15 0.00	22.96 0.27 1.96	23.45 0.23 2.36	24.63 0.16 2.83	26.40 0.15 3.28	28.50 0.03 4.13	29.20 0.13 4.38	29.62 0.10 4.52	30.79 -0.04 4.92	31.31 -0.04 5.11	33.72 0.00 6.20	34.49 0.08 6.40	34.82 0.08 6.58	35.61 0.25 6.86	40.98 0.78 8.66	32.63 0.27 5.69	27.28 0.24 3.56	22.56 0.29 2.01	20.97 0.11 1.47
BEEBEE_GT_13 23619	16.97 -0.24 -0.35	15.27 -0.10 -0.40	13.11 -0.27 -0.39	12.23 -0.29 -0.43	13.97 -0.21 -0.36	16.86 -0.27 -0.24	24.16 -0.40 0.09	25.60 -0.21 -0.23	26.99 -0.33 -0.02	29.14 -0.44 -0.05	31.94 -0.42 0.24	32.84 -0.40 0.20	33.72 -0.03 0.29	35.26 -0.25 0.23	36.08 -0.15 0.24	39.24 -0.36 0.32	40.10 -0.41 0.30	40.31 -0.79 0.23	41.40 -0.50 0.32	48.18 -0.29 0.40	37.56 -0.23 0.26	30.09 -0.49 0.02	23.70 -0.56 0.02	22.17 -0.16 0.01
BETHLEHEM___GRP 23843	26.20 0.57 -8.77	25.62 0.63 -10.01	23.39 0.53 -9.86	23.54 0.50 -10.96	23.60 0.58 -9.21	23.59 0.69 -6.00	25.61 0.96 0.00	35.22 1.02 -8.62	32.20 1.15 -3.76	36.31 1.27 -5.51	36.82 1.43 -2.79	34.78 1.34 0.00	35.84 1.29 -0.51	37.08 1.32 -0.02	37.88 1.39 -0.03	41.76 1.60 -0.24	42.46 1.63 -0.02	44.94 1.69 -1.92	43.95 1.73 0.00	50.82 1.96 0.00	39.57 1.52 0.00	36.99 1.25 -5.14	27.11 0.95 -1.89	24.70 0.80 -1.56
BETHLEHEM___GS1 323560	26.20 0.57 -8.77	25.62 0.63 -10.01	23.39 0.53 -9.86	23.54 0.50 -10.96	23.60 0.58 -9.21	23.59 0.69 -6.00	25.61 0.96 0.00	35.22 1.02 -8.62	32.20 1.15 -3.76	36.31 1.27 -5.51	36.82 1.43 -2.79	34.78 1.34 0.00	35.84 1.29 -0.51	37.08 1.32 -0.02	37.88 1.39 -0.03	41.76 1.60 -0.24	42.46 1.63 -0.02	44.94 1.69 -1.92	43.95 1.73 0.00	50.82 1.96 0.00	39.57 1.52 0.00	36.99 1.25 -5.14	27.11 0.95 -1.89	24.70 0.80 -1.56
BETHLEHEM___GS2 323561	26.20 0.57 -8.77	25.62 0.63 -10.01	23.39 0.53 -9.86	23.54 0.50 -10.96	23.60 0.58 -9.21	23.59 0.69 -6.00	25.61 0.96 0.00	35.22 1.02 -8.62	32.20 1.15 -3.76	36.31 1.27 -5.51	36.82 1.43 -2.79	34.78 1.34 0.00	35.84 1.29 -0.51	37.08 1.32 -0.02	37.88 1.39 -0.03	41.76 1.60 -0.24	42.46 1.63 -0.02	44.94 1.69 -1.92	43.95 1.73 0.00	50.82 1.96 0.00	39.57 1.52 0.00	36.99 1.25 -5.14	27.11 0.95 -1.89	24.70 0.80 -1.56



BETHLEHEM___GS3 323562	26.20 0.57 -8.77	25.62 0.63 -10.01	23.39 0.53 -9.86	23.54 0.50 -10.96	23.60 0.58 -9.21	23.59 0.69 -6.00	25.61 0.96 0.00	35.22 1.02 -8.62	32.20 1.15 -3.76	36.31 1.27 -5.51	36.82 1.43 -2.79	34.78 1.34 0.00	35.84 1.29 -0.51	37.08 1.32 -0.02	37.88 1.39 -0.03	41.76 1.60 -0.24	42.46 1.63 -0.02	44.94 1.69 -1.92	43.95 1.73 0.00	50.82 1.96 0.00	39.57 1.52 0.00	36.99 1.25 -5.14	27.11 0.95 -1.89	24.70 0.80 -1.56
BETHLEHEM___STEEL 23779	17.20 -0.12 -0.45	15.60 0.11 -0.52	13.31 -0.19 -0.51	12.45 -0.21 -0.57	14.17 -0.12 -0.48	17.05 -0.15 -0.31	24.34 -0.22 0.09	25.99 0.08 -0.34	27.34 -0.03 -0.07	29.76 0.12 -0.11	32.72 0.36 0.25	33.55 0.30 0.19	34.35 0.61 0.30	35.98 0.46 0.22	36.81 0.58 0.23	39.92 0.32 0.32	40.85 0.32 0.29	40.84 -0.29 0.19	41.91 0.00 0.30	48.68 0.20 0.38	38.03 0.23 0.25	30.75 0.12 -0.03	23.90 -0.39 -0.01	22.53 0.18 -0.02
BETHPAGE_CC_5 323564	28.68 2.01 -9.81	25.60 1.75 -8.87	21.81 1.48 -7.33	21.59 1.35 -8.15	22.18 1.52 -6.84	23.85 1.99 -4.96	34.04 2.98 -6.42	38.54 3.09 -9.88	34.66 3.41 -3.95	37.49 3.69 -4.26	40.65 4.21 -3.84	43.03 4.28 -5.30	45.60 4.19 -7.37	48.91 4.50 -8.67	50.03 4.71 -8.86	49.64 5.15 -4.56	53.68 5.18 -7.69	57.73 5.33 -11.08	61.85 5.23 -14.40	59.12 5.96 -4.29	55.40 4.76 -12.60	44.87 4.04 -10.23	39.13 3.23 -11.62	36.59 2.86 -11.39
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.32 0.00 -0.46	15.70 0.19 -0.52	13.40 -0.12 -0.52	12.53 -0.13 -0.57	14.26 -0.04 -0.48	17.18 -0.03 -0.31	24.51 -0.05 0.09	26.20 0.28 -0.35	27.56 0.19 -0.07	30.00 0.36 -0.12	32.97 0.62 0.25	33.82 0.57 0.19	34.62 0.88 0.30	36.27 0.75 0.22	37.10 0.87 0.23	40.24 0.64 0.32	41.17 0.65 0.29	41.17 0.04 0.19	42.21 0.30 0.30	49.07 0.59 0.38	38.33 0.53 0.25	31.00 0.37 -0.04	24.09 -0.20 -0.01	22.71 0.36 -0.02
BINGHAMTON___COGEN 23790	17.98 0.30 -0.81	16.22 0.32 -0.93	14.09 0.18 -0.91	13.26 0.16 -1.01	14.89 0.22 -0.85	17.77 0.32 -0.56	25.11 0.54 0.08	26.92 0.64 -0.71	28.17 0.63 -0.24	30.55 0.68 -0.33	33.20 0.72 0.11	34.28 0.84 0.00	34.70 0.85 0.18	36.66 0.93 0.01	37.36 0.91 0.01	40.71 0.88 0.09	41.70 0.90 0.01	42.28 0.78 -0.18	43.06 0.84 0.00	49.99 1.12 0.00	38.96 0.91 0.00	31.58 0.64 -0.34	24.89 0.44 -0.17	22.99 0.51 -0.14
BLACK RIVER___HYD 24047	17.05 0.19 0.00	15.12 0.13 0.00	12.98 -0.01 0.00	12.10 0.01 0.00	13.84 0.03 0.00	17.27 0.37 0.00	23.81 0.54 1.38	24.46 0.54 1.66	25.80 0.49 1.99	27.76 0.53 2.31	30.09 0.39 2.90	30.94 0.57 3.08	31.44 0.58 3.17	32.82 0.54 3.45	33.38 0.51 3.59	36.20 0.64 4.36	37.05 0.74 4.49	37.44 0.74 4.62	38.33 0.93 4.82	44.39 1.61 6.08	34.86 0.80 3.99	28.65 0.55 2.50	23.43 0.56 1.41	21.66 0.36 1.04
BLISS_WT_PWR 323608	18.04 0.68 -0.51	16.35 0.79 -0.58	13.95 0.38 -0.57	13.06 0.34 -0.64	14.85 0.50 -0.53	17.97 0.73 -0.35	25.74 1.18 0.09	27.48 1.51 -0.40	28.87 1.47 -0.09	31.33 1.65 -0.15	34.27 1.92 0.25	35.12 1.87 0.19	35.80 2.08 0.31	37.56 2.04 0.22	38.42 2.19 0.23	41.63 2.03 0.32	42.56 2.04 0.28	42.55 1.41 0.17	43.52 1.60 0.30	50.54 2.05 0.38	39.63 1.83 0.25	32.25 1.59 -0.06	25.12 0.83 -0.02	23.63 1.27 -0.03
BLUE_CIRC_CHEM_DRP 24182	26.27 0.76 -8.65	25.58 0.73 -9.87	23.35 0.62 -9.73	23.48 0.58 -10.81	23.58 0.68 -9.08	23.63 0.81 -5.92	25.88 1.23 0.00	35.38 1.30 -8.51	32.42 1.42 -3.71	36.51 1.53 -5.44	37.12 1.76 -2.76	34.88 1.44 0.00	35.95 1.40 -0.51	37.22 1.47 -0.02	38.03 1.53 -0.03	41.88 1.72 -0.24	42.58 1.75 -0.02	45.03 1.82 -1.90	44.07 1.86 0.00	50.92 2.05 0.00	39.68 1.64 0.00	37.01 1.34 -5.07	27.18 1.04 -1.86	24.79 0.92 -1.54
BOC_GAS_DRP 24189	26.38 0.72 -8.79	25.70 0.69 -10.03	23.47 0.59 -9.88	23.62 0.54 -10.99	23.67 0.62 -9.23	23.67 0.76 -6.02	25.80 1.16 0.00	35.45 1.23 -8.65	32.40 1.34 -3.77	36.51 1.45 -5.53	37.05 1.63 -2.82	34.98 1.54 0.00	36.06 1.50 -0.53	37.33 1.57 -0.02	38.14 1.64 -0.04	42.01 1.84 -0.25	42.71 1.88 -0.02	45.19 1.94 -1.93	44.20 1.98 0.00	51.01 2.15 0.00	39.76 1.71 0.00	37.19 1.44 -5.16	27.31 1.14 -1.89	24.91 1.01 -1.56
BORALEX_4TH_BRANCH 23824	26.97 1.27 -8.84	26.18 1.11 -10.09	23.89 0.95 -9.94	24.02 0.88 -11.05	24.12 1.02 -9.29	24.20 1.25 -6.06	26.59 2.02 0.08	36.30 2.12 -8.61	33.30 2.32 -3.68	37.51 2.54 -5.43	38.12 2.83 -2.68	36.15 2.88 0.17	37.26 2.86 -0.36	38.53 2.96 0.18	39.36 3.06 0.17	43.36 3.43 -0.01	44.13 3.55 0.23	46.64 3.64 -1.68	45.70 3.76 0.27	52.77 4.25 0.34	41.13 3.31 0.22	38.31 2.66 -5.05	28.16 2.06 -1.82	25.70 1.85 -1.52
BOWLINE___1 23526	23.85 1.13 -5.86	22.66 0.99 -6.69	20.42 0.83 -6.59	20.17 0.76 -7.32	20.84 0.87 -6.15	22.02 1.11 -4.01	26.42 1.78 0.00	33.26 1.92 -5.76	31.97 2.16 -2.51	35.04 2.31 -3.20	33.51 2.64 1.73	36.12 2.68 0.00	34.79 2.66 1.90	38.53 2.86 0.07	39.33 2.99 0.13	42.30 3.27 0.89	44.08 3.35 0.07	46.08 3.47 -1.28	45.55 3.33 0.00	52.63 3.76 0.00	41.05 3.01 0.00	35.29 2.54 -2.16	27.63 2.09 -1.26	25.21 1.83 -1.04
BOWLINE___2 23595	23.87 1.15 -5.86	22.67 1.00 -6.69	20.42 0.83 -6.59	20.19 0.77 -7.33	20.86 0.88 -6.16	22.02 1.11 -4.01	26.44 1.80 0.00	33.28 1.94 -5.76	32.02 2.21 -2.51	35.06 2.33 -3.20	33.54 2.67 1.73	36.19 2.74 0.00	34.86 2.72 1.90	38.60 2.93 0.07	39.40 3.06 0.13	42.38 3.35 0.89	44.12 3.39 0.07	46.12 3.51 -1.28	45.64 3.42 0.00	52.68 3.81 0.00	41.09 3.05 0.00	35.32 2.57 -2.16	27.63 2.09 -1.26	25.21 1.83 -1.04
BROOKHAVEN___DRP 24191	27.90 2.26 -8.78	25.42 2.02 -8.42	22.03 1.70 -7.33	21.77 1.54 -8.14	22.38 1.73 -6.84	24.03 2.28 -4.86	35.25 3.55 -7.05	39.56 3.76 -10.22	35.49 4.12 -4.07	38.22 4.43 -4.26	41.14 5.08 -3.45	42.19 5.12 -3.63	44.58 5.14 -5.40	47.12 5.43 -5.95	48.16 5.61 -6.09	48.98 6.23 -2.84	52.41 6.33 -5.28	55.76 6.40 -8.03	58.49 6.41 -9.85	59.09 7.28 -2.94	49.68 5.78 -5.85	43.79 4.89 -8.30	37.25 3.86 -9.11	34.01 3.44 -8.24
BROOKLYN_NAVY_YARD 23515	24.88 1.52 -6.51	23.69 1.29 -7.42	21.39 1.08 -7.32	21.21 0.99 -8.13	21.78 1.13 -6.83	22.85 1.50 -4.45	27.07 2.42 -0.01	34.56 2.58 -6.41	35.76 2.84 -5.62	37.99 3.07 -5.38	40.41 3.52 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	45.05 4.47 -0.66	45.77 4.53 -0.43	47.42 4.67 -1.43	46.78 4.56 0.00	53.95 5.08 0.00	42.16 4.11 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
BROOKLYN___ARMY_DRP 323595	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17



BROOME_2_LFGE 323671	17.98 0.30 -0.81	16.22 0.32 -0.93	14.09 0.18 -0.91	13.26 0.16 -1.01	14.89 0.22 -0.85	17.77 0.32 -0.56	25.11 0.54 0.08	26.92 0.64 -0.71	28.17 0.63 -0.24	30.55 0.68 -0.33	33.20 0.72 0.11	34.28 0.84 0.00	34.70 0.85 0.18	36.66 0.93 0.01	37.36 0.91 0.01	40.71 0.88 0.09	41.70 0.90 0.01	42.28 0.78 -0.18	43.06 0.84 0.00	49.99 1.12 0.00	38.96 0.91 0.00	31.58 0.64 -0.34	24.89 0.44 -0.17	22.99 0.51 -0.14
BROOME__LFGE 323600	17.98 0.30 -0.81	16.22 0.32 -0.93	14.09 0.18 -0.91	13.26 0.16 -1.01	14.89 0.22 -0.85	17.77 0.32 -0.56	25.11 0.54 0.08	26.92 0.64 -0.71	28.17 0.63 -0.24	30.55 0.68 -0.33	33.20 0.72 0.11	34.28 0.84 0.00	34.70 0.85 0.18	36.66 0.93 0.01	37.36 0.91 0.01	40.71 0.88 0.09	41.70 0.90 0.01	42.28 0.78 -0.18	43.06 0.84 0.00	49.99 1.12 0.00	38.96 0.91 0.00	31.58 0.64 -0.34	24.89 0.44 -0.17	22.99 0.51 -0.14
BURROWS__LYONSDAL 23803	17.13 0.27 0.00	15.19 0.21 0.00	13.10 0.10 0.00	12.20 0.11 0.00	13.94 0.12 0.00	17.27 0.37 0.00	24.19 0.59 1.04	24.93 0.61 1.25	26.42 0.63 1.51	28.44 0.65 1.75	31.02 0.62 2.20	31.85 0.73 2.33	32.38 0.75 2.40	33.84 0.71 2.61	34.47 0.73 2.72	37.42 0.80 3.30	38.27 0.86 3.40	38.69 0.87 3.50	39.58 1.01 3.65	45.73 1.46 4.60	35.90 0.88 3.02	29.35 0.64 1.89	23.79 0.58 1.07	21.98 0.42 0.78
CAITHNESS_CC_1 323624	27.79 2.16 -8.77	25.33 1.93 -8.42	21.95 1.62 -7.33	21.71 1.47 -8.14	22.30 1.64 -6.84	23.93 2.18 -4.86	35.08 3.38 -7.05	39.38 3.58 -10.22	35.30 3.93 -4.07	38.02 4.22 -4.26	40.84 4.79 -3.45	41.89 4.82 -3.63	44.23 4.80 -5.39	46.79 5.11 -5.94	47.79 5.25 -6.08	48.54 5.79 -2.83	51.95 5.88 -5.27	55.33 5.99 -8.02	58.01 5.95 -9.84	58.55 6.75 -2.94	49.27 5.40 -5.82	43.48 4.59 -8.30	37.05 3.67 -9.10	33.82 3.26 -8.23
CALPINE BETH_PAGE_GT4 24209	29.11 2.01 -10.24	25.79 1.75 -9.06	21.81 1.48 -7.33	21.59 1.35 -8.15	22.18 1.52 -6.84	23.88 1.98 -5.01	33.73 2.96 -6.12	38.38 3.09 -9.72	34.58 3.38 -3.90	37.46 3.66 -4.26	40.81 4.21 -4.00	43.73 4.28 -6.00	46.45 4.22 -8.20	50.05 4.50 -9.81	51.18 4.71 -10.01	50.36 5.15 -5.28	54.73 5.22 -8.69	59.00 5.33 -12.35	63.75 5.23 -16.30	59.68 5.96 -4.86	58.26 4.79 -15.41	45.67 4.04 -11.04	40.19 3.23 -12.68	37.90 2.86 -12.71
CALPINE_BETH_PAGE_GT_4 323586	29.11 2.01 -10.24	25.79 1.75 -9.06	21.81 1.48 -7.33	21.59 1.35 -8.15	22.18 1.52 -6.84	23.88 1.98 -5.01	33.73 2.96 -6.12	38.38 3.09 -9.72	34.58 3.38 -3.90	37.46 3.66 -4.26	40.81 4.21 -4.00	43.73 4.28 -6.00	46.45 4.22 -8.20	50.05 4.50 -9.81	51.18 4.71 -10.01	50.36 5.15 -5.28	54.73 5.22 -8.69	59.00 5.33 -12.35	63.75 5.23 -16.30	59.68 5.96 -4.86	58.26 4.79 -15.41	45.67 4.04 -11.04	40.19 3.23 -12.68	37.90 2.86 -12.71
CALPINE_BP_GT1 23823	29.11 2.01 -10.24	25.79 1.75 -9.06	21.81 1.48 -7.33	21.59 1.35 -8.15	22.18 1.52 -6.84	23.88 1.98 -5.01	33.73 2.96 -6.12	38.38 3.09 -9.72	34.58 3.38 -3.90	37.46 3.66 -4.26	40.81 4.21 -4.00	43.73 4.28 -6.00	46.45 4.22 -8.20	50.05 4.50 -9.81	51.18 4.71 -10.01	50.36 5.15 -5.28	54.73 5.22 -8.69	59.00 5.33 -12.35	63.75 5.23 -16.30	59.68 5.96 -4.86	58.26 4.79 -15.41	45.67 4.04 -11.04	40.19 3.23 -12.68	37.90 2.86 -12.71
CALSPAN__DRP 24200	17.20 -0.12 -0.45	15.60 0.11 -0.52	13.31 -0.19 -0.51	12.45 -0.21 -0.57	14.17 -0.12 -0.48	17.05 -0.15 -0.31	24.34 -0.22 0.09	25.99 0.08 -0.34	27.34 -0.03 -0.07	29.76 0.12 -0.11	32.72 0.36 0.25	33.55 0.30 0.19	34.35 0.61 0.30	35.98 0.46 0.22	36.81 0.58 0.23	39.92 0.32 0.32	40.85 0.32 0.29	40.84 -0.29 0.19	41.91 0.00 0.30	48.68 0.20 0.38	38.03 0.23 0.25	30.75 0.12 -0.03	23.90 -0.39 -0.01	22.53 0.18 -0.02
CANDIGU_WT_PWR 323617	17.65 0.22 -0.57	15.95 0.32 -0.65	13.72 0.08 -0.64	12.85 0.05 -0.72	14.57 0.15 -0.60	17.51 0.22 -0.39	24.95 0.39 0.08	26.62 0.59 -0.46	27.94 0.52 -0.12	30.34 0.62 -0.18	33.03 0.69 0.26	34.02 0.77 0.19	34.59 0.88 0.33	36.41 0.89 0.22	37.11 0.87 0.23	40.35 0.76 0.33	41.30 0.77 0.28	41.58 0.41 0.16	42.51 0.59 0.30	49.42 0.93 0.37	38.64 0.84 0.25	31.24 0.55 -0.09	24.48 0.17 -0.04	22.86 0.49 -0.04
CARR STREET_E_SYR 24060	17.09 0.03 -0.20	15.25 0.05 -0.23	13.21 -0.01 -0.22	12.32 -0.01 -0.25	14.04 0.01 -0.21	17.08 0.05 -0.14	24.51 0.02 0.17	25.60 0.03 0.00	27.06 -0.08 0.15	29.23 -0.15 0.15	32.07 -0.23 0.30	32.91 -0.17 0.37	33.52 -0.14 0.38	35.22 -0.11 0.41	35.89 -0.15 0.43	39.20 -0.20 0.52	40.03 -0.24 0.54	40.52 -0.29 0.51	41.39 -0.25 0.58	47.89 -0.24 0.73	37.38 -0.19 0.48	30.25 -0.15 0.19	24.08 -0.07 0.13	22.22 -0.02 0.09
CARTHAGE__PAPER 23857	16.98 0.12 0.00	15.04 0.06 0.00	12.94 -0.05 0.00	12.06 -0.02 0.00	13.79 -0.03 0.00	17.16 0.27 0.00	23.52 0.42 1.54	24.13 0.41 1.85	25.43 0.35 2.23	27.34 0.38 2.58	29.61 0.26 3.25	30.40 0.40 3.44	30.89 0.41 3.55	32.19 0.32 3.86	32.74 0.29 4.02	35.41 0.36 4.87	36.23 0.45 5.03	36.65 0.50 5.17	37.50 0.67 5.39	43.33 1.27 6.81	34.15 0.57 4.47	28.22 0.43 2.80	23.16 0.46 1.58	21.42 0.25 1.16
CE_DUNWOOD__DRP 24194	24.66 1.35 -6.45	23.51 1.17 -7.36	21.22 0.98 -7.25	21.04 0.89 -8.06	21.61 1.02 -6.77	22.63 1.32 -4.41	26.77 2.12 0.00	34.19 2.28 -6.34	32.63 2.57 -2.76	36.49 2.75 -4.21	39.01 3.16 -3.25	36.65 3.21 0.00	38.40 3.24 -1.12	39.24 3.47 -0.04	40.15 3.61 -0.07	44.40 3.95 -0.53	44.85 4.00 -0.04	46.87 4.13 -1.41	46.27 4.05 0.00	53.41 4.55 0.00	41.63 3.58 0.00	37.83 3.03 -4.20	28.07 2.40 -1.39	25.58 2.10 -1.15
CE_MILLWOOD__DRP 24193	24.49 1.28 -6.35	23.34 1.11 -7.25	21.06 0.92 -7.14	20.88 0.86 -7.94	21.45 0.97 -6.67	22.49 1.25 -4.35	26.67 2.02 0.00	33.99 2.17 -6.25	32.45 2.43 -2.72	36.29 2.63 -4.13	38.63 3.00 -3.03	36.49 3.04 0.00	38.10 3.06 -1.00	39.06 3.29 -0.04	39.96 3.43 -0.07	44.14 3.75 -0.47	44.64 3.80 -0.04	46.64 3.93 -1.39	46.06 3.84 0.00	53.17 4.30 0.00	41.48 3.43 0.00	37.58 2.91 -4.08	27.95 2.31 -1.37	25.48 2.01 -1.13
CE_NYC2_DRP 24202	25.01 1.64 -6.51	23.81 1.39 -7.43	21.50 1.18 -7.32	21.32 1.09 -8.14	21.88 1.23 -6.84	22.96 1.61 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.21 3.74 -4.43	44.05 3.97 -4.35	44.29 4.16 -3.67	45.10 4.51 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.82 4.60 0.00	53.80 4.93 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.00 2.50 -1.17
CE_NYC_DRP 24195	24.93 1.57 -6.51	23.75 1.35 -7.42	21.44 1.13 -7.32	21.26 1.04 -8.13	21.84 1.19 -6.83	22.90 1.55 -4.45	27.14 2.49 -0.01	34.64 2.66 -6.41	35.90 3.00 -5.59	38.13 3.22 -5.37	40.56 3.68 -4.27	39.76 3.74 -2.57	42.12 3.78 -4.30	43.95 4.04 -4.18	44.18 4.19 -3.53	45.17 4.59 -0.66	45.89 4.65 -0.43	47.55 4.79 -1.43	46.86 4.64 0.00	54.04 5.18 0.00	42.24 4.19 0.00	38.64 3.52 -4.52	29.81 2.77 -2.77	25.93 2.43 -1.16



CHAFFEE___LFGE 323603	17.35 0.02 -0.47	15.74 0.23 -0.54	13.41 -0.12 -0.53	12.54 -0.13 -0.59	14.27 -0.04 -0.49	17.20 -0.02 -0.32	24.56 0.00 0.09	26.27 0.33 -0.36	27.62 0.25 -0.08	30.10 0.44 -0.12	33.10 0.75 0.25	33.92 0.67 0.19	34.72 0.99 0.31	36.41 0.89 0.22	37.25 1.02 0.23	40.40 0.80 0.32	41.34 0.82 0.29	41.30 0.17 0.19	42.34 0.42 0.30	49.27 0.78 0.38	38.45 0.65 0.25	31.10 0.46 -0.04	24.10 -0.20 -0.01	22.73 0.38 -0.02
CHATEAUG_WT_PWR 323614	16.32 -0.54 0.00	14.35 -0.63 0.00	12.52 -0.48 0.00	11.62 -0.47 0.00	13.21 -0.61 0.00	16.20 -0.69 0.00	17.49 -0.81 6.35	17.20 -0.72 7.66	17.49 -0.60 9.21	18.36 -0.50 10.67	18.57 -0.49 13.54	18.59 -0.50 14.35	18.82 -0.41 14.81	19.02 -0.61 16.11	19.06 -0.66 16.75	18.68 -0.92 20.32	19.14 -0.78 20.89	19.14 -0.70 21.48	19.14 -0.68 22.40	19.91 -0.68 28.28	18.99 -0.50 18.57	18.47 -0.49 11.63	17.17 -0.56 6.55	16.97 -0.56 4.81
CHAT_HIGH_FALL_HYD 323578	16.25 -0.61 0.00	14.29 -0.69 0.00	12.46 -0.53 0.00	11.57 -0.52 0.00	13.15 -0.66 0.00	16.13 -0.76 0.00	17.53 -0.89 6.23	17.29 -0.77 7.51	17.58 -0.68 9.04	18.50 -0.56 10.47	18.77 -0.55 13.28	18.79 -0.57 14.08	19.03 -0.48 14.53	19.22 -0.71 15.80	19.30 -0.73 16.43	18.99 -1.00 19.93	19.45 -0.86 20.50	19.46 -0.79 21.08	19.48 -0.76 21.97	20.34 -0.78 27.74	19.26 -0.57 18.22	18.63 -0.55 11.41	17.22 -0.63 6.43	16.99 -0.63 4.72
CHAUTAUQUA___LFGE 323629	17.29 -0.03 -0.46	15.67 0.17 -0.53	13.35 -0.17 -0.52	12.47 -0.19 -0.58	14.19 -0.11 -0.49	17.14 -0.07 -0.32	24.51 -0.05 0.09	26.26 0.33 -0.35	27.67 0.30 -0.07	30.18 0.53 -0.12	33.24 0.88 0.25	34.02 0.77 0.19	34.85 1.12 0.30	36.48 0.97 0.22	37.32 1.09 0.23	40.48 0.88 0.32	41.34 0.82 0.29	41.26 0.12 0.19	42.42 0.51 0.30	49.32 0.83 0.38	38.56 0.76 0.25	31.22 0.58 -0.04	24.19 -0.10 -0.01	22.82 0.47 -0.02
CH_MIDHUDSON___DRP 24192	25.32 1.37 -7.10	24.29 1.21 -8.10	21.99 1.01 -7.98	21.90 0.94 -8.87	22.35 1.08 -7.46	23.09 1.33 -4.86	26.82 2.17 0.00	35.04 2.48 -6.98	33.04 2.70 -3.04	36.94 2.95 -4.45	38.17 3.39 -2.18	36.89 3.45 0.00	37.88 3.47 -0.37	39.50 3.75 -0.01	40.39 3.90 -0.02	44.41 4.31 -0.17	45.19 4.37 -0.01	47.46 4.59 -1.56	46.82 4.60 0.00	54.19 5.33 0.00	42.01 3.96 0.00	37.91 3.18 -4.13	28.23 2.43 -1.53	25.68 2.08 -1.26
CH_MISC_IPPS 23765	24.86 1.35 -6.65	23.75 1.18 -7.58	21.47 1.00 -7.47	21.31 0.92 -8.31	21.85 1.05 -6.98	22.75 1.30 -4.55	26.79 2.14 0.00	34.57 2.46 -6.54	32.82 2.68 -2.85	36.60 2.92 -4.14	37.77 3.33 -1.84	36.86 3.41 0.00	37.69 3.44 -0.22	39.50 3.75 -0.01	40.34 3.86 -0.01	44.30 4.27 -0.10	45.14 4.32 -0.01	47.32 4.55 -1.46	46.74 4.52 0.00	54.10 5.23 0.00	41.97 3.92 0.00	37.57 3.18 -3.79	28.14 2.43 -1.43	25.60 2.08 -1.18
CH_RES_BVR_FALLS 23983	16.29 -0.30 0.27	14.39 -0.29 0.30	12.48 -0.22 0.30	11.57 -0.18 0.33	13.34 -0.19 0.28	16.48 -0.24 0.18	23.60 -0.37 0.68	24.06 -0.43 1.08	25.71 -0.49 1.09	27.71 -0.53 1.29	30.64 -0.55 1.41	31.35 -0.57 1.53	31.94 -0.58 1.52	33.38 -0.64 1.71	34.03 -0.66 1.78	37.11 -0.68 2.14	37.93 -0.65 2.22	38.31 -0.66 2.34	39.16 -0.68 2.38	45.03 -0.83 3.01	35.43 -0.65 1.98	28.75 -0.49 1.35	23.16 -0.36 0.75	21.44 -0.33 0.56
CH_RES_NIAGARA 23895	16.55 -0.74 -0.43	15.03 -0.43 -0.49	12.85 -0.62 -0.48	12.02 -0.60 -0.54	13.68 -0.58 -0.45	16.39 -0.79 -0.29	23.28 -1.28 0.09	24.87 -1.02 -0.32	26.16 -1.20 -0.06	28.39 -1.24 -0.10	31.19 -1.17 0.24	31.98 -1.27 0.19	32.79 -0.95 0.30	34.30 -1.22 0.22	35.10 -1.13 0.23	38.08 -1.52 0.32	38.97 -1.55 0.29	38.97 -2.15 0.20	40.06 -1.86 0.30	46.48 -2.01 0.38	36.31 -1.48 0.25	29.36 -1.26 -0.02	22.90 -1.38 0.00	21.56 -0.78 -0.01
CH_RES_SYRACUSE 23985	17.21 0.10 -0.25	15.39 0.12 -0.29	13.32 0.04 -0.28	12.44 0.04 -0.32	14.16 0.08 -0.26	17.20 0.13 -0.17	24.66 0.15 0.14	25.66 0.00 -0.08	27.13 -0.08 0.09	29.36 -0.09 0.09	32.11 -0.16 0.33	33.03 -0.10 0.31	33.63 -0.03 0.38	35.39 0.00 0.35	36.02 -0.07 0.37	39.34 -0.12 0.47	40.19 -0.16 0.45	40.71 -0.21 0.41	41.61 -0.13 0.49	48.16 -0.10 0.61	37.57 -0.08 0.40	30.36 -0.09 0.15	24.21 0.02 0.09	22.37 0.09 0.06
CLINTON_WT_PWR 323605	16.32 -0.54 0.00	14.35 -0.63 0.00	12.52 -0.48 0.00	11.62 -0.47 0.00	13.21 -0.61 0.00	16.20 -0.69 0.00	17.49 -0.81 6.35	17.20 -0.72 7.66	17.49 -0.60 9.21	18.36 -0.50 10.67	18.57 -0.49 13.54	18.59 -0.50 14.35	18.82 -0.41 14.81	19.02 -0.61 16.11	19.06 -0.66 16.75	18.68 -0.92 20.32	19.14 -0.78 20.89	19.14 -0.70 21.48	19.14 -0.68 22.40	19.91 -0.68 28.28	18.99 -0.50 18.57	18.47 -0.49 11.63	17.17 -0.56 6.55	16.97 -0.56 4.81
CLINTON___LFGE 323618	16.41 -0.45 0.00	14.38 -0.60 0.00	12.54 -0.46 0.00	11.64 -0.45 0.00	13.23 -0.58 0.00	16.27 -0.62 0.00	17.69 -0.64 6.32	17.47 -0.49 7.62	17.78 -0.36 9.16	18.77 -0.15 10.62	19.03 -0.10 13.47	19.09 -0.07 14.28	19.33 0.03 14.74	19.53 -0.18 16.03	19.58 -0.22 16.67	19.18 -0.52 20.22	19.74 -0.28 20.79	19.78 -0.16 21.38	19.80 -0.13 22.29	20.63 -0.10 28.14	19.57 0.00 18.48	18.84 -0.18 11.58	17.34 -0.41 6.52	17.12 -0.43 4.79
COLONIE_LFGE___ 323577	26.85 1.03 -8.97	26.14 0.93 -10.23	23.86 0.78 -10.08	24.03 0.74 -11.21	24.10 0.87 -9.42	24.08 1.05 -6.14	26.24 1.68 0.08	36.08 1.79 -8.72	32.99 1.97 -3.72	37.18 2.15 -5.49	37.61 2.38 -2.63	35.67 2.41 0.19	36.76 2.42 -0.31	37.98 2.43 0.19	38.76 2.48 0.18	42.73 2.83 0.03	43.50 2.94 0.25	46.02 3.01 -1.69	45.13 3.21 0.29	52.17 3.67 0.36	40.63 2.82 0.24	37.95 2.26 -5.08	27.82 1.70 -1.85	25.37 1.50 -1.53
CORNELL___ 23752	17.84 0.42 -0.56	16.00 0.39 -0.63	13.87 0.25 -0.62	13.01 0.23 -0.69	14.70 0.30 -0.58	17.73 0.46 -0.38	25.33 0.79 0.10	26.87 0.87 -0.42	28.29 0.90 -0.09	30.68 1.00 -0.14	33.32 1.01 0.29	34.35 1.14 0.23	34.87 1.19 0.36	36.80 1.32 0.26	37.46 1.28 0.27	40.85 1.32 0.38	41.81 1.34 0.34	42.38 1.28 0.22	43.25 1.39 0.36	50.22 1.81 0.45	39.08 1.33 0.30	31.53 0.89 -0.05	24.92 0.63 -0.01	22.98 0.62 -0.02
COXSACKIE___GT 23611	25.48 1.30 -7.32	24.50 1.17 -8.35	22.23 1.00 -8.23	22.16 0.92 -9.15	22.58 1.08 -7.69	23.19 1.28 -5.01	26.74 2.09 0.00	35.31 2.53 -7.20	33.11 2.68 -3.14	37.08 2.95 -4.59	38.22 3.36 -2.26	36.72 3.28 0.00	37.69 3.27 -0.38	39.29 3.54 -0.01	40.13 3.65 -0.03	44.25 4.15 -0.18	45.03 4.20 -0.01	47.39 4.46 -1.60	46.78 4.56 0.00	54.24 5.38 0.00	41.82 3.77 0.00	37.83 2.97 -4.26	28.01 2.16 -1.58	25.45 1.81 -1.30
CPV_VALLEY___CC1 323721	22.01 0.79 -4.35	20.67 0.72 -4.97	18.50 0.61 -4.90	18.09 0.56 -5.44	19.02 0.64 -4.57	20.67 0.79 -2.98	25.98 1.33 0.00	31.31 1.46 -4.28	30.83 1.67 -1.87	33.77 1.77 -2.47	33.93 1.96 0.63	35.45 2.01 0.00	35.01 1.97 1.00	37.85 2.14 0.04	38.62 2.22 0.07	41.89 2.44 0.47	43.26 2.49 0.04	44.88 2.60 -0.95	44.71 2.49 0.00	51.70 2.83 0.00	40.29 2.24 0.00	34.30 1.87 -1.84	26.72 1.51 -0.94	24.43 1.32 -0.77



CPV_VALLEY___CC2 323722	22.01 0.79 -4.35	20.67 0.72 -4.97	18.50 0.61 -4.90	18.09 0.56 -5.44	19.02 0.64 -4.57	20.67 0.79 -2.98	25.98 1.33 0.00	31.31 1.46 -4.28	30.83 1.67 -1.87	33.77 1.77 -2.47	33.93 1.96 0.63	35.45 2.01 0.00	35.01 1.97 1.00	37.85 2.14 0.04	38.62 2.22 0.07	41.89 2.44 0.47	43.26 2.49 0.04	44.88 2.60 -0.95	44.71 2.49 0.00	51.70 2.83 0.00	40.29 2.24 0.00	34.30 1.87 -1.84	26.72 1.51 -0.94	24.43 1.32 -0.77
CRESCENT___HYD 24018	26.85 1.03 -8.97	26.14 0.93 -10.23	23.86 0.78 -10.08	24.03 0.74 -11.21	24.10 0.87 -9.42	24.08 1.05 -6.14	26.24 1.68 0.08	36.08 1.79 -8.72	32.99 1.97 -3.72	37.18 2.15 -5.49	37.61 2.38 -2.63	35.67 2.41 0.19	36.76 2.42 -0.31	37.98 2.43 0.19	38.76 2.48 0.18	42.73 2.83 0.03	43.50 2.94 0.25	46.02 3.01 -1.69	45.13 3.21 0.29	52.17 3.67 0.36	40.63 2.82 0.24	37.95 2.26 -5.08	27.82 1.70 -1.85	25.37 1.50 -1.53
CRUCIBLE_METL_DRP 24180	17.21 0.10 -0.25	15.39 0.12 -0.29	13.32 0.04 -0.28	12.44 0.04 -0.32	14.16 0.08 -0.26	17.20 0.13 -0.17	24.66 0.15 0.14	25.66 0.00 -0.08	27.13 -0.08 0.09	29.36 -0.09 0.09	32.11 -0.16 0.33	33.03 -0.10 0.31	33.63 -0.03 0.38	35.39 0.00 0.35	36.02 -0.07 0.37	39.34 -0.12 0.47	40.19 -0.16 0.45	40.71 -0.21 0.41	41.61 -0.13 0.49	48.16 -0.10 0.61	37.57 -0.08 0.40	30.36 -0.09 0.15	24.21 0.02 0.09	22.37 0.09 0.06
DANC___LFGE 323619	16.91 0.05 0.00	15.01 0.03 0.00	12.93 -0.06 0.00	12.04 -0.05 0.00	13.77 -0.04 0.00	17.05 0.15 0.00	23.95 0.17 0.87	24.68 0.15 1.05	26.10 0.05 1.26	28.13 0.06 1.46	30.70 -0.07 1.83	31.50 0.00 1.94	32.06 0.03 2.01	33.56 0.00 2.18	34.16 -0.04 2.27	37.17 0.00 2.75	38.01 0.04 2.84	38.44 0.04 2.92	39.34 0.17 3.04	45.56 0.54 3.84	35.68 0.15 2.52	29.05 0.03 1.58	23.53 0.15 0.89	21.77 0.09 0.65
DANSKAMMER___1 23586	24.86 1.35 -6.65	23.75 1.18 -7.58	21.47 1.00 -7.47	21.31 0.92 -8.31	21.85 1.05 -6.98	22.75 1.30 -4.55	26.79 2.14 0.00	34.57 2.46 -6.54	32.82 2.68 -2.85	36.60 2.92 -4.14	37.77 3.33 -1.84	36.86 3.41 0.00	37.69 3.44 -0.22	39.50 3.75 -0.01	40.34 3.86 -0.01	44.30 4.27 -0.10	45.14 4.32 -0.01	47.32 4.55 -1.46	46.74 4.52 0.00	54.10 5.23 0.00	41.97 3.92 0.00	37.57 3.18 -3.79	28.14 2.43 -1.43	25.60 2.08 -1.18
DANSKAMMER___2 23589	24.86 1.35 -6.65	23.75 1.18 -7.58	21.47 1.00 -7.47	21.31 0.92 -8.31	21.85 1.05 -6.98	22.75 1.30 -4.55	26.79 2.14 0.00	34.57 2.46 -6.54	32.82 2.68 -2.85	36.60 2.92 -4.14	37.77 3.33 -1.84	36.86 3.41 0.00	37.69 3.44 -0.22	39.50 3.75 -0.01	40.34 3.86 -0.01	44.30 4.27 -0.10	45.14 4.32 -0.01	47.32 4.55 -1.46	46.74 4.52 0.00	54.10 5.23 0.00	41.97 3.92 0.00	37.57 3.18 -3.79	28.14 2.43 -1.43	25.60 2.08 -1.18
DANSKAMMER___3 23590	24.86 1.35 -6.65	23.75 1.18 -7.58	21.47 1.00 -7.47	21.31 0.92 -8.31	21.85 1.05 -6.98	22.75 1.30 -4.55	26.79 2.14 0.00	34.57 2.46 -6.54	32.82 2.68 -2.85	36.60 2.92 -4.14	37.77 3.33 -1.84	36.86 3.41 0.00	37.69 3.44 -0.22	39.50 3.75 -0.01	40.34 3.86 -0.01	44.30 4.27 -0.10	45.14 4.32 -0.01	47.32 4.55 -1.46	46.74 4.52 0.00	54.10 5.23 0.00	41.97 3.92 0.00	37.57 3.18 -3.79	28.14 2.43 -1.43	25.60 2.08 -1.18
DANSKAMMER___4 23591	24.86 1.35 -6.65	23.75 1.18 -7.58	21.47 1.00 -7.47	21.31 0.92 -8.31	21.85 1.05 -6.98	22.75 1.30 -4.55	26.79 2.14 0.00	34.57 2.46 -6.54	32.82 2.68 -2.85	36.60 2.92 -4.14	37.77 3.33 -1.84	36.86 3.41 0.00	37.69 3.44 -0.22	39.50 3.75 -0.01	40.34 3.86 -0.01	44.30 4.27 -0.10	45.14 4.32 -0.01	47.32 4.55 -1.46	46.74 4.52 0.00	54.10 5.23 0.00	41.97 3.92 0.00	37.57 3.18 -3.79	28.14 2.43 -1.43	25.60 2.08 -1.18
DANSKAMMER___DIESEL 23592	24.86 1.35 -6.65	23.75 1.18 -7.58	21.47 1.00 -7.47	21.31 0.92 -8.31	21.85 1.05 -6.98	22.75 1.30 -4.55	26.79 2.14 0.00	34.57 2.46 -6.54	32.82 2.68 -2.85	36.60 2.92 -4.14	37.77 3.33 -1.84	36.86 3.41 0.00	37.69 3.44 -0.22	39.50 3.75 -0.01	40.34 3.86 -0.01	44.30 4.27 -0.10	45.14 4.32 -0.01	47.32 4.55 -1.46	46.74 4.52 0.00	54.10 5.23 0.00	41.97 3.92 0.00	37.57 3.18 -3.79	28.14 2.43 -1.43	25.60 2.08 -1.18
DASHVILLE___HYD 23610	24.67 1.11 -6.69	23.59 0.97 -7.64	21.34 0.82 -7.53	21.20 0.75 -8.37	21.70 0.86 -7.03	22.54 1.07 -4.58	26.42 1.78 0.00	34.18 2.02 -6.58	32.35 2.18 -2.87	36.10 2.39 -4.17	37.23 2.74 -1.88	36.25 2.81 0.00	37.07 2.79 -0.24	38.82 3.07 -0.01	39.65 3.17 -0.02	43.55 3.51 -0.11	44.37 3.55 -0.01	46.55 3.76 -1.47	45.89 3.67 0.00	53.07 4.20 0.00	41.21 3.16 0.00	37.06 2.63 -3.83	27.76 2.04 -1.44	25.27 1.74 -1.19
DELAWARE___LFGE 323621	18.32 0.46 -1.00	16.53 0.40 -1.15	14.42 0.30 -1.13	13.62 0.28 -1.25	15.20 0.33 -1.05	18.07 0.49 -0.69	25.48 0.84 0.00	27.46 0.89 -0.99	28.71 0.98 -0.43	31.16 1.06 -0.57	33.60 1.14 0.14	34.68 1.24 0.00	35.03 1.22 0.23	37.05 1.32 0.01	37.80 1.35 0.02	41.29 1.48 0.11	42.31 1.51 0.01	43.03 1.49 -0.22	43.73 1.52 0.00	50.72 1.86 0.00	39.42 1.37 0.00	32.06 1.04 -0.42	25.34 0.85 -0.22	23.25 0.74 -0.18
DOGLEVILLE___HYD 23807	17.17 0.47 0.16	15.22 0.42 0.18	13.15 0.34 0.18	12.24 0.35 0.20	14.06 0.41 0.17	17.36 0.57 0.11	25.29 0.86 0.22	26.08 0.92 0.42	27.95 1.04 0.38	30.22 1.15 0.46	33.35 1.24 0.49	34.26 1.30 0.49	34.86 1.33 0.50	36.55 1.36 0.55	37.28 1.39 0.57	40.71 1.48 0.69	41.57 1.47 0.71	42.00 1.45 0.76	42.97 1.52 0.76	49.76 1.86 0.96	38.83 1.41 0.63	31.21 1.10 0.48	24.94 0.92 0.26	22.95 0.80 0.19
DUNKIRK___1 23563	17.27 -0.05 -0.46	15.67 0.17 -0.53	13.35 -0.17 -0.52	12.47 -0.19 -0.58	14.19 -0.11 -0.48	17.14 -0.07 -0.32	24.49 -0.07 0.09	26.23 0.31 -0.35	27.65 0.27 -0.07	30.15 0.50 -0.12	33.17 0.82 0.25	33.99 0.73 0.19	34.79 1.06 0.30	36.44 0.93 0.22	37.29 1.06 0.23	40.40 0.80 0.32	41.30 0.77 0.29	41.26 0.12 0.19	42.38 0.47 0.30	49.26 0.78 0.38	38.48 0.69 0.25	31.15 0.52 -0.04	24.17 -0.12 -0.01	22.80 0.45 -0.02
DUNKIRK___2 23564	17.27 -0.05 -0.46	15.67 0.17 -0.53	13.35 -0.17 -0.52	12.47 -0.19 -0.58	14.19 -0.11 -0.48	17.14 -0.07 -0.32	24.49 -0.07 0.09	26.23 0.31 -0.35	27.65 0.27 -0.07	30.15 0.50 -0.12	33.17 0.82 0.25	33.99 0.73 0.19	34.79 1.06 0.30	36.44 0.93 0.22	37.29 1.06 0.23	40.40 0.80 0.32	41.30 0.77 0.29	41.26 0.12 0.19	42.38 0.47 0.30	49.26 0.78 0.38	38.48 0.69 0.25	31.15 0.52 -0.04	24.17 -0.12 -0.01	22.80 0.45 -0.02
DUNKIRK___3 23565	17.25 -0.07 -0.46	15.64 0.13 -0.52	13.33 -0.18 -0.51	12.46 -0.19 -0.57	14.18 -0.11 -0.48	17.11 -0.10 -0.31	24.44 -0.12 0.09	26.15 0.23 -0.34	27.53 0.16 -0.07	30.00 0.36 -0.11	33.01 0.65 0.25	33.82 0.57 0.19	34.62 0.88 0.30	36.27 0.75 0.22	37.10 0.87 0.23	40.20 0.60 0.32	41.09 0.57 0.29	41.05 -0.08 0.19	42.17 0.25 0.30	49.02 0.54 0.38	38.29 0.49 0.25	31.00 0.37 -0.04	24.07 -0.22 -0.01	22.69 0.34 -0.02



DUNKIRK___4 23566	17.25 -0.07 -0.46	15.64 0.13 -0.52	13.33 -0.18 -0.51	12.46 -0.19 -0.57	14.18 -0.11 -0.48	17.11 -0.10 -0.31	24.44 -0.12 0.09	26.15 0.23 -0.34	27.53 0.16 -0.07	30.00 0.36 -0.11	33.01 0.65 0.25	33.82 0.57 0.19	34.62 0.88 0.30	36.27 0.75 0.22	37.10 0.87 0.23	40.20 0.60 0.32	41.09 0.57 0.29	41.05 -0.08 0.19	42.17 0.25 0.30	49.02 0.54 0.38	38.29 0.49 0.25	31.00 0.37 -0.04	24.07 -0.22 -0.01	22.69 0.34 -0.02
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.77 1.40 -6.51	23.62 1.21 -7.43	21.33 1.01 -7.32	21.15 0.93 -8.14	21.71 1.06 -6.84	22.74 1.39 -4.46	26.89 2.24 0.00	34.35 2.38 -6.40	32.79 2.70 -2.79	36.71 2.92 -4.25	39.16 3.33 -3.24	36.86 3.41 0.00	38.55 3.40 -1.11	39.42 3.65 -0.04	40.33 3.79 -0.07	44.60 4.15 -0.52	45.09 4.24 -0.04	47.09 4.34 -1.43	46.44 4.22 0.00	53.61 4.74 0.00	41.82 3.77 0.00	38.03 3.21 -4.23	28.20 2.52 -1.40	25.68 2.19 -1.16
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.90 1.10 -5.95	22.74 0.97 -6.79	20.50 0.82 -6.69	20.27 0.75 -7.43	20.92 0.86 -6.25	22.03 1.07 -4.07	26.42 1.78 0.00	33.42 2.00 -5.85	32.06 2.21 -2.55	35.52 2.39 -3.59	36.11 2.70 -0.81	36.22 2.77 0.00	36.46 2.76 0.33	38.73 3.00 0.01	39.58 3.14 0.02	43.20 3.43 0.15	44.26 3.47 0.01	46.26 3.64 -1.30	45.80 3.59 0.00	52.97 4.11 0.00	41.17 3.12 0.00	36.27 2.57 -3.10	27.57 2.01 -1.28	25.14 1.74 -1.06
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.99 1.62 -6.51	23.84 1.42 -7.43	21.53 1.21 -7.32	21.34 1.11 -8.14	21.93 1.27 -6.84	23.03 1.67 -4.46	27.12 2.46 -0.01	34.64 2.66 -6.41	33.04 2.92 -2.82	36.85 3.07 -4.25	39.33 3.49 -3.24	37.26 3.54 -0.28	39.08 3.61 -1.44	40.06 3.83 -0.49	41.00 4.01 -0.53	44.93 4.35 -0.65	45.56 4.32 -0.43	47.38 4.63 -1.43	46.90 4.69 0.00	53.61 4.74 0.00	42.35 4.30 0.00	38.51 3.40 -4.52	28.84 2.72 -1.85	25.96 2.46 -1.17
EAST HAMPTON___GT 23717	28.83 3.19 -8.78	26.31 2.91 -8.42	22.74 2.42 -7.33	22.44 2.21 -8.14	23.13 2.47 -6.84	25.02 3.26 -4.86	36.75 5.05 -7.05	41.22 5.42 -10.22	37.26 5.90 -4.07	40.26 6.47 -4.26	43.74 7.69 -3.45	44.91 7.82 -3.64	47.51 8.07 -5.41	50.16 8.47 -5.96	51.38 8.82 -6.10	52.55 9.78 -2.84	56.01 9.92 -5.28	59.32 9.96 -8.04	62.09 10.01 -9.87	63.30 11.48 -2.95	52.89 8.98 -5.87	46.19 7.28 -8.31	38.96 5.56 -9.12	35.46 4.87 -8.25
EAST RIVER___6 23660	24.92 1.55 -6.51	23.72 1.32 -7.42	21.42 1.10 -7.32	21.23 1.02 -8.13	21.81 1.16 -6.83	22.87 1.52 -4.45	27.12 2.46 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.47 3.59 -4.28	39.65 3.61 -2.60	42.01 3.64 -4.33	43.85 3.90 -4.21	44.07 4.05 -3.56	45.01 4.43 -0.66	45.73 4.49 -0.43	47.38 4.63 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.04 3.99 0.00	38.52 3.40 -4.53	29.78 2.72 -2.78	25.91 2.41 -1.16
EAST RIVER___7 23524	24.92 1.55 -6.51	23.72 1.32 -7.42	21.42 1.10 -7.32	21.23 1.02 -8.13	21.81 1.16 -6.83	22.87 1.52 -4.45	27.12 2.46 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.47 3.59 -4.28	39.65 3.61 -2.60	42.01 3.64 -4.33	43.85 3.90 -4.21	44.07 4.05 -3.56	45.01 4.43 -0.66	45.73 4.49 -0.43	47.38 4.63 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.04 3.99 0.00	38.52 3.40 -4.53	29.78 2.72 -2.78	25.91 2.41 -1.16
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.66 1.35 -6.45	23.51 1.17 -7.36	21.22 0.98 -7.25	21.04 0.89 -8.06	21.61 1.02 -6.77	22.63 1.32 -4.41	26.77 2.12 0.00	34.19 2.28 -6.34	32.63 2.57 -2.76	36.49 2.75 -4.21	39.01 3.16 -3.25	36.65 3.21 0.00	38.40 3.24 -1.12	39.24 3.47 -0.04	40.15 3.61 -0.07	44.40 3.95 -0.53	44.85 4.00 -0.04	46.87 4.13 -1.41	46.27 4.05 0.00	53.41 4.55 0.00	41.63 3.58 0.00	37.83 3.03 -4.20	28.07 2.40 -1.39	25.58 2.10 -1.15
EAST_HAMPTON___DIESEL 23722	28.83 3.19 -8.78	26.31 2.91 -8.42	22.74 2.42 -7.33	22.44 2.21 -8.14	23.13 2.47 -6.84	25.02 3.26 -4.86	36.77 5.08 -7.05	41.22 5.42 -10.22	37.26 5.90 -4.07	40.26 6.47 -4.26	43.74 7.69 -3.45	44.91 7.82 -3.64	47.51 8.07 -5.41	50.16 8.47 -5.96	51.38 8.82 -6.10	52.55 9.78 -2.84	56.01 9.92 -5.28	59.32 9.96 -8.04	62.09 10.01 -9.87	63.30 11.48 -2.95	52.89 8.98 -5.87	46.19 7.28 -8.31	38.96 5.56 -9.12	35.46 4.87 -8.25
EAST_RIVER___1 323558	24.93 1.57 -6.51	23.75 1.35 -7.42	21.44 1.13 -7.32	21.26 1.04 -8.13	21.84 1.19 -6.83	22.90 1.55 -4.45	27.14 2.49 -0.01	34.64 2.66 -6.41	35.90 3.00 -5.59	38.13 3.22 -5.37	40.56 3.68 -4.27	39.76 3.74 -2.57	42.12 3.78 -4.30	43.95 4.04 -4.18	44.18 4.19 -3.53	45.17 4.59 -0.66	45.89 4.65 -0.43	47.55 4.79 -1.43	46.86 4.64 0.00	54.04 5.18 0.00	42.24 4.19 0.00	38.64 3.52 -4.52	29.81 2.77 -2.77	25.93 2.43 -1.16
EAST_RIVER___2 323559	24.92 1.55 -6.51	23.72 1.32 -7.42	21.42 1.10 -7.32	21.23 1.02 -8.13	21.81 1.16 -6.83	22.87 1.52 -4.45	27.12 2.46 -0.01	34.59 2.61 -6.41	35.81 2.89 -5.62	38.05 3.13 -5.38	40.47 3.59 -4.28	39.65 3.61 -2.60	42.01 3.64 -4.33	43.85 3.90 -4.21	44.07 4.05 -3.56	45.01 4.43 -0.66	45.73 4.49 -0.43	47.38 4.63 -1.43	46.69 4.47 0.00	53.80 4.93 0.00	42.04 3.99 0.00	38.52 3.40 -4.53	29.78 2.72 -2.78	25.91 2.41 -1.16
EAST___DELAWARE_HYD 23607	23.17 1.16 -5.14	21.88 1.03 -5.87	19.64 0.86 -5.78	19.31 0.80 -6.43	20.14 0.93 -5.40	21.58 1.16 -3.52	26.59 1.95 0.00	32.91 2.28 -5.06	32.01 2.51 -2.20	35.34 2.69 -3.12	36.43 3.03 -0.80	36.59 3.14 0.00	36.98 3.17 0.22	39.16 3.43 0.01	39.98 3.54 0.01	43.73 3.91 0.10	44.76 3.96 0.01	46.67 4.22 -1.13	46.44 4.22 0.00	53.80 4.93 0.00	41.59 3.54 0.00	36.16 2.85 -2.71	27.57 2.19 -1.11	25.08 1.83 -0.92
ELEC_TRO_TEK 24086	30.67 1.74 -12.07	26.35 1.51 -9.86	21.61 1.29 -7.33	21.41 1.17 -8.15	21.97 1.31 -6.85	23.80 1.72 -5.18	31.42 2.69 -4.09	37.03 2.84 -8.62	33.98 3.14 -3.54	37.19 3.39 -4.26	41.39 3.88 -4.91	47.34 3.98 -9.92	50.78 3.91 -12.83	56.11 4.18 -16.20	57.35 4.37 -16.52	54.08 4.83 -9.33	60.05 4.89 -14.35	65.82 5.00 -19.50	74.08 4.89 -26.97	62.51 5.62 -8.03	73.75 4.45 -31.25	49.89 3.73 -15.57	44.67 2.96 -17.43	43.22 2.61 -18.27
ELLENBURG_WT_PWR 323604	16.32 -0.54 0.00	14.35 -0.63 0.00	12.52 -0.48 0.00	11.62 -0.47 0.00	13.21 -0.61 0.00	16.20 -0.69 0.00	17.49 -0.81 6.35	17.20 -0.72 7.66	17.49 -0.60 9.21	18.36 -0.50 10.67	18.57 -0.49 13.54	18.59 -0.50 14.35	18.82 -0.41 14.81	19.02 -0.61 16.11	19.06 -0.66 16.75	18.68 -0.92 20.32	19.14 -0.78 20.89	19.14 -0.70 21.48	19.14 -0.68 22.40	19.91 -0.68 28.28	18.99 -0.50 18.57	18.47 -0.49 11.63	17.17 -0.56 6.55	16.97 -0.56 4.81
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.04 -0.27 -0.44	15.44 -0.04 -0.51	13.18 -0.31 -0.50	12.33 -0.31 -0.56	14.03 -0.25 -0.47	16.90 -0.30 -0.30	24.07 -0.49 0.09	25.70 -0.21 -0.33	27.06 -0.30 -0.07	29.43 -0.21 -0.11	32.36 0.00 0.24	33.18 -0.07 0.19	33.98 0.24 0.30	35.59 0.07 0.22	36.41 0.18 0.23	39.48 -0.12 0.32	40.40 -0.12 0.29	40.39 -0.12 0.19	41.45 -0.46 0.30	48.14 -0.34 0.38	37.61 -0.19 0.25	30.41 -0.21 -0.03	23.65 -0.63 -0.01	22.31 -0.04 -0.01



EMPIRE_CC_1 323656	26.47 0.96 -8.65	25.74 0.88 -9.87	23.47 0.74 -9.73	23.59 0.69 -10.81	23.70 0.80 -9.09	23.70 0.88 -5.92	26.08 1.43 0.00	35.54 1.46 -8.51	32.59 1.58 -3.71	36.73 1.74 -5.46	37.49 1.99 -2.90	35.42 1.97 0.00	36.54 1.90 -0.60	37.76 2.00 -0.02	38.58 2.08 -0.04	42.52 2.31 -0.28	43.20 2.37 -0.02	45.65 2.44 -1.90	44.71 2.49 0.00	51.65 2.78 0.00	40.26 2.21 0.00	37.55 1.84 -5.12	27.57 1.43 -1.86	25.17 1.29 -1.54
EMPIRE_CC_2 323658	26.47 0.96 -8.65	25.74 0.88 -9.87	23.47 0.74 -9.73	23.59 0.69 -10.81	23.70 0.80 -9.09	23.70 0.88 -5.92	26.08 1.43 0.00	35.54 1.46 -8.51	32.59 1.58 -3.71	36.73 1.74 -5.46	37.49 1.99 -2.90	35.42 1.97 0.00	36.54 1.90 -0.60	37.76 2.00 -0.02	38.58 2.08 -0.04	42.52 2.31 -0.28	43.20 2.37 -0.02	45.65 2.44 -1.90	44.71 2.49 0.00	51.65 2.78 0.00	40.26 2.21 0.00	37.55 1.84 -5.12	27.57 1.43 -1.86	25.17 1.29 -1.54
ERIE_WT_PWR 323693	17.21 -0.10 -0.45	15.62 0.12 -0.52	13.32 -0.18 -0.51	12.46 -0.19 -0.57	14.18 -0.11 -0.48	17.07 -0.14 -0.31	24.36 -0.20 0.09	26.02 0.10 -0.34	27.40 0.03 -0.07	29.79 0.15 -0.11	32.78 0.42 0.25	33.59 0.33 0.19	34.41 0.68 0.30	36.05 0.54 0.22	36.89 0.66 0.23	40.00 0.40 0.32	40.89 0.37 0.29	40.88 -0.25 0.19	41.96 0.04 0.30	48.78 0.29 0.38	38.10 0.30 0.25	30.82 0.18 -0.03	23.95 -0.34 -0.01	22.57 0.22 -0.02
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.82 0.40 -0.55	15.98 0.37 -0.63	13.85 0.23 -0.62	12.99 0.22 -0.69	14.68 0.29 -0.58	17.71 0.44 -0.38	25.28 0.74 0.10	26.81 0.82 -0.42	28.23 0.85 -0.09	30.59 0.92 -0.14	33.25 0.95 0.30	34.28 1.07 0.23	34.79 1.12 0.36	36.69 1.22 0.26	37.35 1.17 0.28	40.77 1.24 0.39	41.73 1.27 0.34	42.29 1.20 0.23	43.17 1.31 0.36	50.07 1.66 0.46	39.00 1.25 0.30	31.50 0.86 -0.05	24.90 0.61 -0.01	22.96 0.60 -0.02
E_CANADA_CAP_HY 24051	27.48 0.54 -10.08	26.92 0.43 -11.50	24.67 0.34 -11.34	25.03 0.34 -12.60	24.85 0.44 -10.59	24.47 0.68 -6.90	25.84 1.28 0.08	36.62 1.23 -9.82	32.89 1.39 -4.20	37.19 1.53 -6.12	36.66 1.56 -2.49	34.99 1.74 0.19	35.83 1.73 -0.06	37.22 1.68 0.20	37.94 1.68 0.20	41.77 2.00 0.15	42.62 2.08 0.26	45.36 2.11 -1.93	44.41 2.49 0.29	51.58 3.08 0.37	39.97 2.17 0.24	37.66 1.50 -5.56	27.57 1.21 -2.08	25.05 0.98 -1.73
E_CANADA_MHWK_HY 24050	17.17 0.47 0.16	15.22 0.42 0.18	13.15 0.34 0.18	12.24 0.35 0.20	14.06 0.41 0.17	17.36 0.57 0.11	25.29 0.86 0.22	26.08 0.92 0.42	27.95 1.04 0.38	30.22 1.15 0.46	33.35 1.24 0.49	34.26 1.30 0.49	34.86 1.33 0.50	36.55 1.36 0.55	37.28 1.39 0.57	40.71 1.48 0.69	41.57 1.47 0.71	42.00 1.45 0.76	42.97 1.52 0.76	49.76 1.86 0.96	38.83 1.41 0.63	31.21 1.10 0.48	24.94 0.92 0.26	22.95 0.80 0.19
E_FISHKILL___LBMP 23776	25.27 1.30 -7.11	24.22 1.12 -8.11	21.94 0.95 -8.00	21.85 0.87 -8.89	22.28 1.00 -7.47	23.03 1.27 -4.87	26.69 2.04 0.00	34.74 2.17 -6.99	32.77 2.43 -3.05	36.76 2.63 -4.60	38.81 3.00 -3.22	36.49 3.04 0.00	38.11 3.06 -1.01	39.02 3.25 -0.04	39.92 3.39 -0.07	44.11 3.71 -0.48	44.64 3.80 -0.04	46.76 3.88 -1.56	46.06 3.84 0.00	53.17 4.30 0.00	41.43 3.39 0.00	37.98 2.88 -4.50	28.09 2.28 -1.53	25.59 1.99 -1.27
FAR ROCKAWAY___4 23548	36.54 1.99 -17.69	29.03 1.74 -12.31	21.81 1.48 -7.33	21.58 1.34 -8.15	22.18 1.52 -6.85	24.63 1.96 -5.78	33.02 3.08 -5.30	38.08 3.25 -9.26	34.63 3.58 -3.76	37.67 3.87 -4.27	43.73 4.21 -6.92	56.34 4.32 -18.58	61.39 4.29 -23.07	70.65 4.61 -30.30	72.15 4.81 -30.87	63.53 5.35 -18.26	73.07 5.43 -26.84	82.13 5.54 -35.27	98.23 5.49 -50.52	70.15 6.26 -15.03	109.21 4.94 -66.22	60.26 4.10 -25.56	57.22 3.18 -29.76	60.59 2.77 -35.48
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.93 1.57 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.82 1.17 -6.83	22.89 1.54 -4.45	27.14 2.49 -0.01	34.64 2.66 -6.41	35.89 2.98 -5.62	38.11 3.19 -5.38	40.54 3.65 -4.28	39.75 3.71 -2.60	42.11 3.74 -4.33	43.95 4.00 -4.21	44.18 4.16 -3.56	45.13 4.55 -0.66	45.85 4.61 -0.43	47.50 4.75 -1.43	46.86 4.64 0.00	54.00 5.13 0.00	42.20 4.15 0.00	38.61 3.49 -4.53	29.82 2.77 -2.78	25.91 2.41 -1.16
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.93 1.57 -6.51	23.74 1.33 -7.42	21.44 1.13 -7.32	21.26 1.04 -8.13	21.82 1.17 -6.83	22.90 1.55 -4.45	27.14 2.49 -0.01	34.64 2.66 -6.41	35.89 2.98 -5.62	38.11 3.19 -5.38	40.54 3.65 -4.28	39.75 3.71 -2.60	42.11 3.74 -4.33	43.95 4.00 -4.21	44.14 4.12 -3.56	45.13 4.55 -0.66	45.85 4.61 -0.43	47.50 4.75 -1.43	46.82 4.60 0.00	54.00 5.13 0.00	42.20 4.15 0.00	38.61 3.49 -4.53	29.82 2.77 -2.78	25.91 2.41 -1.16
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.92 1.55 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.82 1.17 -6.83	22.89 1.54 -4.45	27.14 2.49 -0.01	34.64 2.66 -6.41	35.89 2.98 -5.62	38.11 3.19 -5.38	40.54 3.65 -4.28	39.75 3.71 -2.60	42.08 3.71 -4.33	43.92 3.97 -4.21	44.14 4.12 -3.56	45.09 4.51 -0.66	45.85 4.61 -0.43	47.46 4.71 -1.43	46.82 4.60 0.00	53.95 5.08 0.00	42.16 4.11 0.00	38.61 3.49 -4.53	29.80 2.74 -2.78	25.91 2.41 -1.16
FARRAGUT___LBMP 323566	24.90 1.53 -6.51	23.72 1.32 -7.42	21.42 1.10 -7.32	21.23 1.02 -8.13	21.81 1.16 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.84 2.92 -5.62	38.05 3.13 -5.38	40.47 3.59 -4.28	39.69 3.65 -2.60	42.04 3.68 -4.33	43.85 3.90 -4.21	44.07 4.05 -3.56	45.01 4.43 -0.66	45.77 4.53 -0.43	47.42 4.67 -1.43	46.74 4.52 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.55 3.43 -4.53	29.78 2.72 -2.78	25.88 2.39 -1.16
FENNER___WINDPWR 24204	17.43 0.42 -0.15	15.52 0.37 -0.17	13.39 0.23 -0.16	12.50 0.23 -0.18	14.26 0.29 -0.15	17.49 0.49 -0.10	25.11 0.76 0.30	26.18 0.82 0.22	27.80 0.87 0.37	30.07 0.94 0.41	32.95 0.95 0.60	33.84 1.07 0.67	34.47 1.12 0.69	36.20 1.22 0.75	36.85 1.17 0.78	40.25 1.28 0.95	41.14 1.31 0.98	41.63 1.28 0.97	42.52 1.35 1.05	49.30 1.76 1.32	38.40 1.22 0.87	30.99 0.86 0.46	24.68 0.68 0.28	22.74 0.60 0.20
FIBERTEK___ENERGY 23856	17.21 0.10 -0.25	15.39 0.12 -0.29	13.32 0.04 -0.28	12.44 0.04 -0.32	14.16 0.08 -0.26	17.20 0.13 -0.17	24.66 0.15 0.14	25.66 0.00 -0.08	27.13 -0.08 0.09	29.36 -0.09 0.09	32.11 -0.16 0.33	33.03 -0.10 0.31	33.63 -0.03 0.38	35.39 0.00 0.35	36.02 -0.07 0.37	39.34 -0.12 0.47	40.19 -0.16 0.45	40.71 -0.21 0.41	41.61 -0.13 0.49	48.16 -0.10 0.61	37.57 -0.08 0.40	30.36 -0.09 0.15	24.21 0.02 0.09	22.37 0.09 0.06
FITZPATRICK____ 23598	16.75 -0.25 -0.14	14.93 -0.21 -0.16	12.93 -0.22 -0.16	12.06 -0.21 -0.17	13.74 -0.22 -0.15	16.74 -0.25 -0.10	24.15 -0.49 0.00	25.17 -0.54 -0.14	26.76 -0.60 -0.06	28.97 -0.65 -0.09	31.88 -0.75 -0.03	32.71 -0.74 0.00	33.32 -0.72 0.00	34.99 -0.75 0.00	35.66 -0.80 0.00	39.04 -0.88 0.00	39.87 -0.94 0.00	40.40 -0.95 -0.03	41.25 -0.97 0.00	47.79 -1.08 0.00	37.21 -0.84 0.00	29.97 -0.70 -0.08	23.72 -0.58 -0.03	21.89 -0.47 -0.02



FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.98 1.40 -6.72	23.88 1.23 -7.67	21.60 1.04 -7.56	21.45 0.95 -8.40	21.97 1.09 -7.06	22.85 1.35 -4.60	26.87 2.22 0.00	34.72 2.53 -6.61	32.97 2.79 -2.88	36.78 3.04 -4.21	38.05 3.45 -2.00	36.99 3.54 0.00	37.91 3.57 -0.31	39.64 3.90 -0.01	40.49 4.01 -0.02	44.54 4.47 -0.14	45.31 4.49 -0.01	47.54 4.75 -1.47	46.94 4.73 0.00	54.34 5.47 0.00	42.12 4.07 0.00	37.79 3.31 -3.89	28.23 2.50 -1.45	25.68 2.14 -1.20
FORT ORANGE____ 23900	26.14 0.69 -8.59	25.47 0.69 -9.80	23.24 0.59 -9.66	23.36 0.54 -10.73	23.47 0.64 -9.02	23.53 0.76 -5.88	25.80 1.16 0.00	35.27 1.25 -8.44	32.37 1.39 -3.68	36.46 1.53 -5.40	37.05 1.73 -2.72	35.05 1.61 0.00	36.10 1.57 -0.50	37.36 1.61 -0.02	38.17 1.68 -0.03	42.07 1.92 -0.23	42.79 1.96 -0.02	45.23 2.02 -1.88	44.33 2.11 0.00	51.21 2.35 0.00	39.88 1.83 0.00	37.15 1.53 -5.03	27.29 1.17 -1.85	24.85 0.98 -1.53
FORT_DRUM_COGEN 23780	17.05 0.19 0.00	15.10 0.12 0.00	12.98 -0.01 0.00	12.10 0.01 0.00	13.84 0.03 0.00	17.25 0.36 0.00	23.74 0.52 1.42	24.38 0.51 1.71	25.71 0.46 2.05	27.66 0.50 2.38	30.00 0.39 2.99	30.81 0.53 3.17	31.31 0.54 3.27	32.68 0.50 3.56	33.23 0.47 3.70	36.03 0.60 4.49	36.87 0.69 4.63	37.26 0.70 4.76	38.14 0.89 4.97	44.16 1.56 6.27	34.69 0.76 4.12	28.54 0.52 2.58	23.36 0.53 1.45	21.60 0.34 1.07
FPL_FAR_ROCK_GT1 24212	36.54 1.99 -17.69	29.03 1.74 -12.31	21.81 1.48 -7.33	21.58 1.34 -8.15	22.18 1.52 -6.85	24.63 1.96 -5.78	33.02 3.08 -5.30	38.08 3.25 -9.26	34.63 3.58 -3.76	37.67 3.87 -4.27	43.73 4.21 -6.92	56.34 4.32 -18.58	61.39 4.29 -23.07	70.65 4.61 -30.30	72.15 4.81 -30.87	63.53 5.35 -18.26	73.07 5.43 -26.84	82.13 5.54 -35.27	98.23 5.49 -50.52	70.15 6.26 -15.03	109.21 4.94 -66.22	60.26 4.10 -25.56	57.22 3.18 -29.76	60.59 2.77 -35.48
FPL_FAR_ROCK_GT2 23815	36.54 1.99 -17.69	29.03 1.74 -12.31	21.81 1.48 -7.33	21.58 1.34 -8.15	22.18 1.52 -6.85	24.63 1.96 -5.78	33.02 3.08 -5.30	38.08 3.25 -9.26	34.63 3.58 -3.76	37.67 3.87 -4.27	43.73 4.21 -6.92	56.34 4.32 -18.58	61.39 4.29 -23.07	70.65 4.61 -30.30	72.15 4.81 -30.87	63.53 5.35 -18.26	73.07 5.43 -26.84	82.13 5.54 -35.27	98.23 5.49 -50.52	70.15 6.26 -15.03	109.21 4.94 -66.22	60.26 4.10 -25.56	57.22 3.18 -29.76	60.59 2.77 -35.48
FRANKLIN_FALL_HYD 24054	16.24 -0.62 0.00	14.25 -0.73 0.00	12.42 -0.57 0.00	11.53 -0.56 0.00	13.12 -0.69 0.00	16.13 -0.76 0.00	17.83 -0.86 5.95	17.63 -0.77 7.18	17.96 -0.71 8.63	18.91 -0.62 10.00	19.32 -0.62 12.66	19.39 -0.64 13.42	19.64 -0.55 13.85	19.78 -0.89 15.06	19.85 -0.95 15.66	19.64 -1.28 19.00	20.20 -1.06 19.55	20.22 -0.99 20.11	20.37 -0.89 20.96	21.57 -0.83 26.46	20.10 -0.57 17.38	19.16 -0.55 10.89	17.49 -0.65 6.13	17.16 -0.67 4.50
FREEPORT_EQUS_GT1 23764	30.76 1.92 -11.98	26.48 1.68 -9.82	21.74 1.42 -7.33	21.53 1.29 -8.15	22.11 1.45 -6.85	23.97 1.89 -5.19	33.36 2.93 -5.78	38.22 3.12 -9.53	34.55 3.41 -3.84	37.49 3.69 -4.26	41.51 4.27 -4.64	46.53 4.35 -8.74	49.66 4.19 -11.44	54.48 4.47 -14.27	55.69 4.67 -14.56	53.06 5.03 -8.11	58.56 5.10 -12.65	63.87 5.21 -17.35	71.12 5.15 -23.76	61.80 5.86 -7.07	69.33 4.79 -26.49	48.93 4.13 -14.20	44.24 3.25 -16.71	43.22 2.86 -18.03
FREEPORT___CT2 23818	30.76 1.92 -11.98	26.48 1.68 -9.82	21.74 1.42 -7.33	21.53 1.29 -8.15	22.11 1.45 -6.85	23.97 1.89 -5.19	33.36 2.93 -5.78	38.22 3.12 -9.53	34.55 3.41 -3.84	37.49 3.69 -4.26	41.51 4.27 -4.64	46.53 4.35 -8.74	49.66 4.19 -11.44	54.48 4.47 -14.27	55.69 4.67 -14.56	53.06 5.03 -8.11	58.56 5.10 -12.65	63.87 5.21 -17.35	71.12 5.15 -23.76	61.80 5.86 -7.07	69.33 4.79 -26.49	48.93 4.13 -14.20	44.24 3.25 -16.71	43.22 2.86 -18.03
FULTON COGEN____ 23766	17.04 0.00 -0.18	15.20 0.01 -0.20	13.16 -0.04 -0.20	12.27 -0.04 -0.22	13.99 -0.01 -0.19	17.03 0.02 -0.12	24.38 -0.07 0.19	25.42 -0.10 0.05	26.96 -0.14 0.20	29.18 -0.15 0.21	32.01 -0.23 0.36	32.85 -0.17 0.43	33.46 -0.14 0.44	35.15 -0.11 0.48	35.82 -0.15 0.50	39.12 -0.20 0.60	39.94 -0.24 0.62	40.47 -0.25 0.60	41.34 -0.21 0.67	47.88 -0.15 0.84	37.35 -0.15 0.55	30.14 -0.21 0.25	23.93 -0.20 0.16	22.14 -0.09 0.11
FULTON___LFGE 323630	28.18 1.60 -9.71	27.38 1.32 -11.08	25.06 1.14 -10.92	25.34 1.11 -12.14	25.40 1.38 -10.20	25.35 1.81 -6.65	27.71 3.16 0.09	38.45 3.43 -9.45	35.07 3.74 -4.03	39.63 4.19 -5.91	39.53 4.40 -2.53	37.96 4.72 0.20	38.87 4.70 -0.13	40.10 4.58 0.21	40.85 4.59 0.21	45.19 5.39 0.12	46.08 5.55 0.28	48.77 5.62 -1.83	48.41 6.50 0.31	56.35 7.87 0.39	43.65 5.86 0.26	40.22 4.22 -5.40	29.24 2.96 -2.00	26.52 2.52 -1.66
G.F.CEMENT___DRP 24184	27.16 1.32 -8.99	26.36 1.12 -10.26	24.08 0.98 -10.11	24.24 0.92 -11.24	24.35 1.09 -9.44	24.40 1.35 -6.15	26.80 2.24 0.08	36.72 2.40 -8.74	33.71 2.68 -3.73	37.99 2.95 -5.50	38.28 3.03 -2.64	36.43 3.18 0.19	37.54 3.20 -0.31	38.58 3.04 0.19	39.37 3.10 0.19	43.49 3.59 0.03	44.47 3.92 0.26	46.93 3.93 -1.69	46.39 4.47 0.30	53.67 5.18 0.37	41.76 3.96 0.25	38.78 3.09 -5.10	28.38 2.26 -1.85	25.86 1.99 -1.54
GARDENVILLE___LBMP 24039	17.13 -0.19 -0.45	15.54 0.05 -0.52	13.26 -0.25 -0.51	12.40 -0.25 -0.56	14.11 -0.18 -0.47	16.98 -0.22 -0.31	24.24 -0.32 0.09	25.89 -0.03 -0.34	27.23 -0.14 -0.07	29.61 -0.03 -0.11	32.59 0.23 0.25	33.38 0.13 0.19	34.18 0.44 0.30	35.80 0.28 0.22	36.63 0.40 0.23	39.76 0.16 0.32	40.64 0.12 0.29	40.64 -0.49 0.19	41.70 -0.21 0.30	48.48 0.00 0.38	37.87 0.08 0.25	30.63 0.00 -0.03	23.80 -0.49 -0.01	22.44 0.09 -0.02
GENERAL___MILLS 23808	17.20 -0.12 -0.45	15.60 0.11 -0.52	13.31 -0.19 -0.51	12.45 -0.21 -0.57	14.17 -0.12 -0.48	17.05 -0.15 -0.31	24.34 -0.22 0.09	25.99 0.08 -0.34	27.34 -0.03 -0.07	29.76 0.12 -0.11	32.72 0.36 0.25	33.55 0.30 0.19	34.35 0.61 0.30	35.98 0.46 0.22	36.81 0.58 0.23	39.92 0.32 0.32	40.85 0.32 0.29	40.84 -0.29 0.19	41.91 0.00 0.30	48.68 0.20 0.38	38.03 0.23 0.25	30.75 0.12 -0.03	23.90 -0.39 -0.01	22.53 0.18 -0.02
GE_PLASTICS___DRP 24183	26.28 0.76 -8.66	25.59 0.73 -9.88	23.34 0.61 -9.74	23.49 0.58 -10.82	23.57 0.66 -9.09	23.63 0.81 -5.93	25.88 1.23 0.00	35.39 1.30 -8.51	32.43 1.42 -3.71	36.51 1.53 -5.44	37.13 1.76 -2.76	34.85 1.40 0.00	35.95 1.40 -0.51	37.19 1.43 -0.02	37.99 1.50 -0.03	41.88 1.72 -0.24	42.58 1.75 -0.02	45.03 1.82 -1.90	44.07 1.86 0.00	50.92 2.05 0.00	39.65 1.60 0.00	37.02 1.34 -5.07	27.18 1.04 -1.86	24.77 0.89 -1.54
GILBOA___I 23756	26.14 0.84 -8.43	25.37 0.76 -9.62	23.12 0.64 -9.48	23.22 0.59 -10.54	23.35 0.68 -8.86	23.51 0.84 -5.77	26.00 1.35 0.00	35.27 1.41 -8.29	32.44 1.53 -3.61	36.53 1.65 -5.34	37.47 1.89 -2.98	35.32 1.87 0.00	36.55 1.84 -0.68	37.73 1.96 -0.02	38.55 2.04 -0.05	42.51 2.27 -0.32	43.16 2.32 -0.03	45.57 2.40 -1.85	44.58 2.36 0.00	51.41 2.54 0.00	40.14 2.09 0.00	37.41 1.77 -5.04	27.52 1.43 -1.82	25.11 1.27 -1.50



GILBOA___2 23757	26.14 0.84 -8.43	25.37 0.76 -9.62	23.12 0.64 -9.48	23.22 0.59 -10.54	23.35 0.68 -8.86	23.51 0.84 -5.77	26.00 1.35 0.00	35.27 1.41 -8.29	32.44 1.53 -3.61	36.53 1.65 -5.34	37.47 1.89 -2.98	35.32 1.87 0.00	36.55 1.84 -0.68	37.73 1.96 -0.02	38.55 2.04 -0.05	42.51 2.27 -0.32	43.16 2.32 -0.03	45.57 2.40 -1.85	44.58 2.36 0.00	51.41 2.54 0.00	40.14 2.09 0.00	37.41 1.77 -5.04	27.52 1.43 -1.82	25.11 1.27 -1.50
GILBOA___3 23758	26.14 0.84 -8.43	25.37 0.76 -9.62	23.12 0.64 -9.48	23.22 0.59 -10.54	23.35 0.68 -8.86	23.51 0.84 -5.77	26.00 1.35 0.00	35.27 1.41 -8.29	32.44 1.53 -3.61	36.53 1.65 -5.34	37.47 1.89 -2.98	35.32 1.87 0.00	36.55 1.84 -0.68	37.73 1.96 -0.02	38.55 2.04 -0.05	42.51 2.27 -0.32	43.16 2.32 -0.03	45.57 2.40 -1.85	44.58 2.36 0.00	51.41 2.54 0.00	40.14 2.09 0.00	37.41 1.77 -5.04	27.52 1.43 -1.82	25.11 1.27 -1.50
GILBOA___4 23759	26.14 0.84 -8.43	25.37 0.76 -9.62	23.12 0.64 -9.48	23.22 0.59 -10.54	23.35 0.68 -8.86	23.51 0.84 -5.77	26.00 1.35 0.00	35.27 1.41 -8.29	32.44 1.53 -3.61	36.53 1.65 -5.34	37.47 1.89 -2.98	35.32 1.87 0.00	36.55 1.84 -0.68	37.73 1.96 -0.02	38.55 2.04 -0.05	42.51 2.27 -0.32	43.16 2.32 -0.03	45.57 2.40 -1.85	44.58 2.36 0.00	51.41 2.54 0.00	40.14 2.09 0.00	37.41 1.77 -5.04	27.52 1.43 -1.82	25.11 1.27 -1.50
GILBOA____ 23599	26.14 0.84 -8.43	25.37 0.76 -9.62	23.12 0.64 -9.48	23.22 0.59 -10.54	23.35 0.68 -8.86	23.51 0.84 -5.77	26.00 1.35 0.00	35.27 1.41 -8.29	32.44 1.53 -3.61	36.53 1.65 -5.34	37.47 1.89 -2.98	35.32 1.87 0.00	36.55 1.84 -0.68	37.73 1.96 -0.02	38.55 2.04 -0.05	42.51 2.27 -0.32	43.16 2.32 -0.03	45.57 2.40 -1.85	44.58 2.36 0.00	51.41 2.54 0.00	40.14 2.09 0.00	37.41 1.77 -5.04	27.52 1.43 -1.82	25.11 1.27 -1.50
GINNA____ 23603	16.15 -1.05 -0.34	14.53 -0.84 -0.38	12.49 -0.88 -0.38	11.67 -0.83 -0.42	13.31 -0.86 -0.35	16.08 -1.05 -0.23	23.03 -1.53 0.09	24.39 -1.41 -0.22	25.76 -1.55 -0.01	27.83 -1.74 -0.04	30.47 -1.89 0.24	31.33 -1.90 0.20	32.12 -1.63 0.29	33.61 -1.90 0.23	34.36 -1.86 0.24	37.40 -2.20 0.32	38.22 -2.28 0.30	38.49 -2.60 0.23	39.49 -2.40 0.32	45.92 -2.54 0.40	35.80 -1.98 0.26	28.71 -1.87 0.02	22.60 -1.65 0.02	21.05 -1.27 0.01
GLEN PARK____ 23778	17.10 0.24 0.00	15.16 0.18 0.00	13.01 0.01 0.00	12.12 0.04 0.00	13.87 0.06 0.00	17.32 0.42 0.00	23.94 0.64 1.35	24.59 0.64 1.62	25.95 0.60 1.95	27.93 0.65 2.26	30.28 0.52 2.84	31.14 0.70 3.01	31.68 0.75 3.11	33.07 0.71 3.38	33.64 0.69 3.51	36.50 0.84 4.26	37.35 0.94 4.40	37.71 0.91 4.52	38.64 1.14 4.71	44.77 1.86 5.95	35.09 0.95 3.91	28.82 0.67 2.45	23.55 0.66 1.38	21.75 0.42 1.01
GLENWOOD_IC_1_G5 23712	28.89 1.69 -10.35	25.56 1.47 -9.11	21.56 1.24 -7.33	21.36 1.12 -8.15	21.93 1.27 -6.85	23.55 1.66 -5.00	31.52 2.61 -4.26	37.07 2.79 -8.71	33.98 3.11 -3.57	37.16 3.37 -4.26	40.61 3.78 -4.23	44.31 3.88 -6.99	47.25 3.84 -9.36	51.30 4.14 -11.41	52.41 4.30 -11.65	50.97 4.75 -6.30	55.74 4.81 -10.11	60.38 4.91 -14.15	66.01 4.81 -18.98	59.94 5.42 -5.65	61.74 4.30 -19.40	46.38 3.61 -12.18	40.61 2.84 -13.49	37.91 2.57 -13.01
GLENWOOD_IC_2_G1 23688	26.79 1.57 -8.36	24.59 1.36 -8.25	21.47 1.14 -7.33	21.28 1.05 -8.15	21.85 1.19 -6.84	22.98 1.54 -4.55	27.28 2.44 -0.19	34.70 2.61 -6.51	33.02 2.89 -2.83	36.92 3.13 -4.26	39.96 3.59 -3.77	42.11 3.65 -5.02	44.71 3.64 -7.03	47.83 3.90 -8.20	48.89 4.05 -8.38	48.66 4.47 -4.26	52.61 4.53 -7.27	56.50 4.63 -10.55	60.39 4.56 -13.62	58.06 5.13 -4.06	53.55 4.07 -11.43	43.92 3.43 -9.90	36.68 2.72 -9.69	31.42 2.39 -6.69
GLENWOOD_IC_3_G1 23689	26.79 1.57 -8.36	24.59 1.36 -8.25	21.47 1.14 -7.33	21.28 1.05 -8.15	21.85 1.19 -6.84	22.98 1.54 -4.55	27.28 2.44 -0.19	34.70 2.61 -6.51	33.02 2.89 -2.83	36.92 3.13 -4.26	39.96 3.59 -3.77	42.11 3.65 -5.02	44.71 3.64 -7.03	47.83 3.90 -8.20	48.89 4.05 -8.38	48.66 4.47 -4.26	52.61 4.53 -7.27	56.50 4.63 -10.55	60.39 4.56 -13.62	58.06 5.13 -4.06	53.55 4.07 -11.43	43.92 3.43 -9.90	36.68 2.72 -9.69	31.42 2.39 -6.69
GLENWOOD___4 23550	28.89 1.69 -10.35	25.56 1.47 -9.11	21.56 1.24 -7.33	21.36 1.12 -8.15	21.93 1.27 -6.85	23.55 1.66 -5.00	31.52 2.61 -4.26	37.07 2.79 -8.71	33.98 3.11 -3.57	37.16 3.37 -4.26	40.64 3.81 -4.23	44.34 3.91 -6.99	47.28 3.88 -9.36	51.33 4.18 -11.41	52.45 4.34 -11.65	51.01 4.79 -6.30	55.78 4.85 -10.11	60.43 4.96 -14.15	66.05 4.85 -18.98	60.04 5.52 -5.65	61.82 4.37 -19.40	46.41 3.64 -12.18	40.63 2.86 -13.49	37.91 2.57 -13.01
GLENWOOD___5 23614	28.89 1.69 -10.35	25.56 1.47 -9.11	21.56 1.24 -7.33	21.36 1.12 -8.15	21.93 1.27 -6.85	23.55 1.66 -5.00	31.52 2.61 -4.26	37.07 2.79 -8.71	33.98 3.11 -3.57	37.16 3.37 -4.26	40.64 3.81 -4.23	44.34 3.91 -6.99	47.28 3.88 -9.36	51.33 4.18 -11.41	52.45 4.34 -11.65	51.01 4.79 -6.30	55.78 4.85 -10.11	60.43 4.96 -14.15	66.05 4.85 -18.98	60.04 5.52 -5.65	61.82 4.37 -19.40	46.41 3.64 -12.18	40.63 2.86 -13.49	37.91 2.57 -13.01
GLOBAL GREEN_PORT_GT1 23814	28.85 3.20 -8.78	26.31 2.91 -8.42	22.75 2.43 -7.33	22.44 2.21 -8.14	23.13 2.47 -6.84	25.02 3.26 -4.86	36.77 5.08 -7.05	41.22 5.42 -10.22	37.26 5.90 -4.07	40.23 6.44 -4.26	43.72 7.66 -3.45	44.88 7.79 -3.64	47.47 8.03 -5.41	50.13 8.43 -5.96	51.35 8.79 -6.10	52.55 9.78 -2.84	56.01 9.92 -5.28	59.32 9.96 -8.05	62.13 10.04 -9.87	63.30 11.48 -2.95	52.90 8.98 -5.87	46.22 7.31 -8.31	38.96 5.56 -9.12	35.46 4.87 -8.25
GLOBE___DSASP 323697	16.46 -0.83 -0.43	14.94 -0.52 -0.49	12.79 -0.69 -0.48	11.97 -0.65 -0.53	13.63 -0.64 -0.45	16.31 -0.88 -0.29	23.13 -1.43 0.09	24.71 -1.18 -0.32	25.99 -1.36 -0.06	28.21 -1.42 -0.10	30.99 -1.37 0.24	31.78 -1.47 0.19	32.55 -1.19 0.30	34.09 -1.43 0.22	34.88 -1.35 0.23	37.85 -1.76 0.32	38.69 -1.84 0.29	38.73 -2.40 0.20	39.80 -2.11 0.30	46.19 -2.30 0.38	36.09 -1.71 0.25	29.18 -1.44 -0.02	22.75 -1.53 0.00	21.43 -0.92 -0.01
GOETHSLN___LBMP 323567	24.83 1.47 -6.51	23.65 1.24 -7.42	21.35 1.04 -7.32	21.19 0.97 -8.13	21.74 1.09 -6.83	22.80 1.45 -4.45	27.00 2.34 -0.01	34.46 2.48 -6.41	35.70 2.79 -5.62	37.90 2.98 -5.38	40.28 3.39 -4.28	38.72 3.41 -1.86	37.01 3.44 0.46	37.05 3.68 2.37	37.05 3.83 3.24	37.14 4.19 6.97	37.09 4.24 7.96	37.81 4.38 7.89	37.03 4.26 9.44	40.84 4.69 12.71	41.85 3.80 0.00	38.26 3.24 -4.42	29.63 2.57 -2.78	25.73 2.23 -1.16
GOODYEAR_LAKE_HYD 323669	17.90 0.52 -0.51	16.02 0.45 -0.59	13.89 0.31 -0.58	13.03 0.30 -0.64	14.73 0.37 -0.54	17.84 0.59 -0.35	25.68 1.03 0.00	27.18 1.10 -0.51	28.72 1.20 -0.22	31.15 1.33 -0.29	33.89 1.37 0.09	34.95 1.51 0.00	35.44 1.53 0.13	37.34 1.61 0.00	38.10 1.64 0.01	41.66 1.80 0.06	42.64 1.84 0.00	43.29 1.86 -0.11	44.16 1.94 0.00	51.26 2.39 0.00	39.76 1.71 0.00	32.06 1.25 -0.21	25.41 1.02 -0.11	23.30 0.87 -0.09



GOUDEY___7 345031	17.99 0.32 -0.81	16.23 0.33 -0.92	14.10 0.20 -0.91	13.26 0.17 -1.01	14.91 0.25 -0.85	17.78 0.34 -0.55	25.14 0.57 0.08	26.94 0.66 -0.70	28.19 0.65 -0.24	30.57 0.71 -0.33	33.24 0.75 0.11	34.28 0.84 0.00	34.74 0.88 0.18	36.66 0.93 0.01	37.36 0.91 0.01	40.75 0.92 0.09	41.49 0.94 0.25	42.07 0.83 0.08	42.84 0.89 0.27	49.66 1.12 0.34	38.78 0.95 0.22	31.47 0.67 -0.20	24.83 0.46 -0.10	22.96 0.54 -0.09
GOUDEY___7 23579	18.00 0.34 -0.81	16.25 0.34 -0.92	14.10 0.20 -0.91	13.28 0.18 -1.01	14.91 0.25 -0.85	17.80 0.36 -0.55	25.16 0.59 0.08	26.94 0.66 -0.70	28.22 0.68 -0.24	30.60 0.74 -0.33	33.27 0.78 0.11	34.31 0.87 0.00	34.77 0.92 0.18	36.70 0.97 0.01	37.40 0.95 0.01	40.79 0.96 0.09	41.53 0.98 0.25	42.11 0.87 0.08	42.84 0.89 0.27	49.70 1.17 0.34	38.78 0.95 0.22	31.50 0.70 -0.20	24.83 0.46 -0.10	22.96 0.54 -0.09
GOUDEY___8 23580	17.99 0.32 -0.81	16.23 0.33 -0.92	14.10 0.20 -0.91	13.26 0.17 -1.01	14.91 0.25 -0.85	17.78 0.34 -0.55	25.14 0.57 0.08	26.94 0.66 -0.70	28.19 0.65 -0.24	30.57 0.71 -0.33	33.24 0.75 0.11	34.28 0.84 0.00	34.74 0.88 0.18	36.66 0.93 0.01	37.36 0.91 0.01	40.75 0.92 0.09	41.49 0.94 0.25	42.07 0.83 0.08	42.84 0.89 0.27	49.66 1.12 0.34	38.78 0.95 0.22	31.47 0.67 -0.20	24.83 0.46 -0.10	22.96 0.54 -0.09
GOWANUS_GT1_1 24077	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT1_2 24078	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT1_3 24079	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT1_4 24080	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT1_5 24084	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT1_6 24111	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT1_7 24112	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT1_8 24113	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT2_1 24114	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT2_2 24115	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT2_3 24116	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT2_4 24117	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17



GOWANUS_GT2_5 24118	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT2_6 24119	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT2_7 24120	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT2_8 24121	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT3_1 24122	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT3_2 24123	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT3_3 24124	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT3_4 24125	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT3_5 24126	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT3_6 24127	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT3_7 24128	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT3_8 24129	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT4_1 24130	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT4_2 24131	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT4_3 24132	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17



GOWANUS_GT4_4 24133	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT4_5 24134	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT4_6 24135	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT4_7 24136	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GOWANUS_GT4_8 24137	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GREENIDGE___3 23582	17.62 0.25 -0.51	15.86 0.30 -0.58	13.67 0.10 -0.57	12.81 0.09 -0.64	14.54 0.19 -0.54	17.53 0.29 -0.35	25.12 0.57 0.09	26.71 0.74 -0.39	28.07 0.68 -0.09	30.44 0.77 -0.14	33.12 0.78 0.26	34.14 0.90 0.21	34.77 1.06 0.33	36.61 1.11 0.23	37.27 1.06 0.25	40.58 1.00 0.34	41.53 1.02 0.30	41.91 0.78 0.20	42.91 1.01 0.32	49.88 1.42 0.41	38.89 1.10 0.27	31.29 0.64 -0.05	24.61 0.31 -0.02	22.85 0.49 -0.02
GREENIDGE___4 23583	17.62 0.25 -0.51	15.86 0.30 -0.58	13.67 0.10 -0.57	12.81 0.09 -0.64	14.54 0.19 -0.54	17.53 0.29 -0.35	25.12 0.57 0.09	26.71 0.74 -0.39	28.07 0.68 -0.09	30.44 0.77 -0.14	33.12 0.78 0.26	34.14 0.90 0.21	34.77 1.06 0.33	36.61 1.11 0.23	37.27 1.06 0.25	40.58 1.00 0.34	41.53 1.02 0.30	41.91 0.78 0.20	42.91 1.01 0.32	49.88 1.42 0.41	38.89 1.10 0.27	31.29 0.64 -0.05	24.61 0.31 -0.02	22.85 0.49 -0.02
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
GROVEVILLE___HYD 323602	24.98 1.40 -6.72	23.88 1.23 -7.67	21.60 1.04 -7.56	21.45 0.95 -8.40	21.97 1.09 -7.06	22.85 1.35 -4.60	26.87 2.22 0.00	34.72 2.53 -6.61	32.97 2.79 -2.88	36.78 3.04 -4.21	38.05 3.45 -2.00	36.99 3.54 0.00	37.91 3.57 -0.31	39.64 3.90 -0.01	40.49 4.01 -0.02	44.54 4.47 -0.14	45.31 4.49 -0.01	47.54 4.75 -1.47	46.94 4.73 0.00	54.34 5.47 0.00	42.12 4.07 0.00	37.79 3.31 -3.89	28.23 2.50 -1.45	25.68 2.14 -1.20
HAMPSHIRE___PAPER_HYD 323593	16.51 -0.35 0.00	14.59 -0.39 0.00	12.62 -0.38 0.00	11.76 -0.33 0.00	13.41 -0.40 0.00	16.61 -0.29 0.00	20.78 -0.37 3.50	20.91 -0.46 4.20	21.59 -0.66 5.05	22.88 -0.80 5.86	24.29 -0.95 7.37	24.73 -0.90 7.81	25.03 -0.95 8.06	25.65 -1.32 8.76	25.96 -1.39 9.11	27.39 -1.48 11.06	28.01 -1.39 11.41	28.27 -1.32 11.73	28.85 -1.14 12.23	32.64 -0.78 15.44	27.15 -0.76 10.14	23.79 -0.46 6.35	20.38 -0.32 3.58	19.31 -0.40 2.63
HARDSCRABBLE_WT_PWR 323673	17.04 0.34 0.16	15.10 0.30 0.18	13.05 0.23 0.18	12.14 0.25 0.20	13.95 0.30 0.17	17.24 0.46 0.11	25.12 0.69 0.22	25.92 0.77 0.42	27.76 0.85 0.38	30.02 0.94 0.46	33.12 1.01 0.49	34.06 1.10 0.49	34.66 1.12 0.50	36.34 1.14 0.55	37.06 1.17 0.57	40.47 1.24 0.69	41.32 1.22 0.71	41.71 1.16 0.76	42.72 1.27 0.76	49.47 1.56 0.96	38.56 1.14 0.63	31.03 0.92 0.48	24.77 0.75 0.26	22.77 0.62 0.19
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.30 1.11 -5.32	22.04 0.99 -6.08	19.82 0.83 -5.99	19.50 0.76 -6.66	20.28 0.87 -5.59	21.64 1.10 -3.65	26.44 1.80 0.00	32.81 2.00 -5.24	31.82 2.24 -2.28	34.91 2.39 -2.98	34.35 2.74 0.99	36.25 2.81 0.00	35.46 2.79 1.36	38.73 3.04 0.05	39.54 3.17 0.09	42.75 3.47 0.64	44.31 3.55 0.05	46.16 3.68 -1.17	45.80 3.59 0.00	52.97 4.11 0.00	41.21 3.16 0.00	35.36 2.60 -2.17	27.49 2.06 -1.15	25.07 1.79 -0.95
HARZA MOOSE___RIVER 24016	17.13 0.27 0.00	15.19 0.21 0.00	13.10 0.10 0.00	12.20 0.11 0.00	13.94 0.12 0.00	17.27 0.37 0.00	24.19 0.59 1.04	24.93 0.61 1.25	26.42 0.63 1.51	28.44 0.65 1.75	31.02 0.62 2.20	31.85 0.73 2.33	32.38 0.75 2.40	33.84 0.71 2.61	34.47 0.73 2.72	37.42 0.80 3.30	38.27 0.86 3.40	38.69 0.87 3.50	39.58 1.01 3.65	45.73 1.46 4.60	35.90 0.88 3.02	29.35 0.64 1.89	23.79 0.58 1.07	21.98 0.42 0.78
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.01 1.64 -6.51	23.82 1.41 -7.43	21.52 1.19 -7.32	21.33 1.10 -8.14	21.90 1.24 -6.84	22.98 1.62 -4.46	27.19 2.54 -0.01	34.74 2.76 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.54 3.62 -4.32	39.80 3.68 -2.68	42.21 3.74 -4.43	44.05 3.97 -4.35	44.29 4.16 -3.67	45.10 4.51 -0.66	45.74 4.49 -0.45	47.42 4.67 -1.43	46.82 4.60 0.00	53.75 4.89 0.00	42.31 4.26 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.02 2.52 -1.17
HEMPSTEAD____ 23647	29.60 1.77 -10.97	25.90 1.54 -9.38	21.62 1.30 -7.33	21.42 1.19 -8.15	21.99 1.33 -6.85	23.71 1.74 -5.07	32.54 2.71 -5.18	37.64 2.86 -9.21	34.22 3.19 -3.73	37.22 3.42 -4.26	40.86 3.94 -4.31	44.84 4.05 -7.35	47.81 3.98 -9.79	52.00 4.25 -12.01	53.16 4.45 -12.25	51.47 4.87 -6.67	56.38 4.94 -10.64	61.17 5.04 -14.81	67.13 4.94 -19.97	60.43 5.62 -5.95	63.40 4.49 -20.87	46.99 3.79 -12.60	41.87 2.99 -14.61	39.93 2.66 -14.94



HICKLING___1 23621	17.96 0.46 -0.64	16.21 0.49 -0.73	13.98 0.26 -0.72	13.12 0.23 -0.80	14.83 0.35 -0.67	17.81 0.47 -0.44	25.40 0.84 0.08	27.13 1.02 -0.53	28.46 1.01 -0.15	30.85 1.09 -0.22	33.54 1.21 0.27	34.59 1.34 0.19	35.13 1.43 0.34	37.02 1.50 0.22	37.69 1.46 0.23	40.98 1.40 0.34	41.92 1.39 0.28	42.33 1.16 0.14	43.23 1.31 0.30	50.20 1.71 0.37	39.29 1.48 0.24	31.69 0.98 -0.12	24.91 0.58 -0.05	23.19 0.80 -0.05
HICKLING___2 23622	17.96 0.46 -0.64	16.21 0.49 -0.73	13.98 0.26 -0.72	13.12 0.23 -0.80	14.83 0.35 -0.67	17.81 0.47 -0.44	25.40 0.84 0.08	27.13 1.02 -0.53	28.46 1.01 -0.15	30.85 1.09 -0.22	33.54 1.21 0.27	34.59 1.34 0.19	35.13 1.43 0.34	37.02 1.50 0.22	37.69 1.46 0.23	40.98 1.40 0.34	41.92 1.39 0.28	42.33 1.16 0.14	43.23 1.31 0.30	50.20 1.71 0.37	39.29 1.48 0.24	31.69 0.98 -0.12	24.91 0.58 -0.05	23.19 0.80 -0.05
HIGH FALLS___HY 23754	24.29 1.15 -6.28	23.15 1.00 -7.17	20.90 0.84 -7.06	20.72 0.79 -7.85	21.32 0.91 -6.60	22.36 1.16 -4.30	26.59 1.95 0.00	34.00 2.25 -6.18	32.45 2.46 -2.69	36.08 2.66 -3.89	37.18 3.00 -1.58	36.59 3.14 0.00	37.27 3.13 -0.11	39.14 3.40 0.00	39.94 3.47 -0.01	43.81 3.83 -0.05	44.69 3.88 0.00	46.75 4.05 -1.38	46.27 4.05 0.00	53.56 4.69 0.00	41.55 3.50 0.00	36.94 2.81 -3.53	27.79 2.16 -1.35	25.29 1.83 -1.12
HILLBURN___GT 23639	23.58 1.18 -5.54	22.33 1.03 -6.32	20.10 0.87 -6.23	19.81 0.80 -6.92	20.54 0.91 -5.82	21.85 1.16 -3.79	26.52 1.87 0.00	33.07 2.05 -5.45	31.97 2.29 -2.37	35.08 2.45 -3.10	34.31 2.80 1.10	36.32 2.88 0.00	35.43 2.86 1.46	38.76 3.07 0.05	39.57 3.21 0.10	42.75 3.51 0.69	44.34 3.59 0.06	46.26 3.72 -1.21	45.80 3.59 0.00	52.92 4.05 0.00	41.28 3.23 0.00	35.52 2.69 -2.23	27.63 2.16 -1.19	25.20 1.88 -0.99
HISHELDN_WT_PWR 323625	17.22 -0.12 -0.48	15.60 0.08 -0.55	13.34 -0.19 -0.54	12.48 -0.21 -0.60	14.19 -0.12 -0.50	17.07 -0.15 -0.33	24.34 -0.22 0.09	25.97 0.03 -0.37	27.30 -0.08 -0.08	29.66 0.00 -0.13	32.48 0.13 0.25	33.35 0.10 0.19	34.07 0.34 0.31	35.73 0.22 0.22	36.52 0.29 0.23	39.64 0.04 0.32	40.60 0.08 0.29	40.68 -0.45 0.18	41.71 -0.21 0.30	48.49 0.00 0.38	37.88 0.08 0.25	30.61 -0.03 -0.05	23.88 -0.41 -0.02	22.47 0.11 -0.02
HOLTSVILLE_IC_1 23690	27.77 2.14 -8.77	25.30 1.90 -8.42	21.92 1.60 -7.33	21.68 1.45 -8.14	22.29 1.63 -6.84	23.92 2.16 -4.86	35.03 3.33 -7.06	39.33 3.53 -10.22	35.24 3.87 -4.07	37.96 4.17 -4.26	40.74 4.70 -3.45	41.78 4.72 -3.62	44.12 4.70 -5.38	46.67 5.00 -5.93	47.63 5.10 -6.07	48.41 5.67 -2.82	51.82 5.76 -5.26	55.20 5.87 -8.01	57.87 5.83 -9.82	58.39 6.59 -2.93	49.13 5.29 -5.79	43.41 4.53 -8.29	36.99 3.62 -9.09	33.79 3.24 -8.22
HOLTSVILLE_IC_10 23699	27.92 2.24 -8.82	25.41 1.99 -8.44	22.00 1.68 -7.33	21.75 1.52 -8.14	22.36 1.70 -6.84	24.02 2.26 -4.86	35.20 3.52 -7.03	39.52 3.73 -10.21	35.45 4.09 -4.06	38.20 4.40 -4.26	41.09 5.02 -3.47	42.19 5.05 -3.70	44.59 5.07 -5.48	47.15 5.36 -6.06	48.16 5.51 -6.20	48.89 6.07 -2.90	52.34 6.16 -5.37	55.72 6.24 -8.15	58.46 6.21 -10.03	58.90 7.04 -2.99	49.79 5.63 -6.11	43.81 4.83 -8.38	37.32 3.83 -9.21	34.12 3.42 -8.36
HOLTSVILLE_IC_2 23691	27.77 2.14 -8.77	25.30 1.90 -8.42	21.92 1.60 -7.33	21.68 1.45 -8.14	22.29 1.63 -6.84	23.92 2.16 -4.86	35.03 3.33 -7.06	39.33 3.53 -10.22	35.24 3.87 -4.07	37.96 4.17 -4.26	40.74 4.70 -3.45	41.78 4.72 -3.62	44.12 4.70 -5.38	46.67 5.00 -5.93	47.63 5.10 -6.07	48.41 5.67 -2.82	51.82 5.76 -5.26	55.20 5.87 -8.01	57.87 5.83 -9.82	58.39 6.59 -2.93	49.13 5.29 -5.79	43.41 4.53 -8.29	36.99 3.62 -9.09	33.79 3.24 -8.22
HOLTSVILLE_IC_3 23692	27.77 2.14 -8.77	25.30 1.90 -8.42	21.92 1.60 -7.33	21.68 1.45 -8.14	22.29 1.63 -6.84	23.92 2.16 -4.86	35.03 3.33 -7.06	39.33 3.53 -10.22	35.24 3.87 -4.07	37.96 4.17 -4.26	40.74 4.70 -3.45	41.78 4.72 -3.62	44.12 4.70 -5.38	46.67 5.00 -5.93	47.63 5.10 -6.07	48.41 5.67 -2.82	51.82 5.76 -5.26	55.20 5.87 -8.01	57.87 5.83 -9.82	58.39 6.59 -2.93	49.13 5.29 -5.79	43.41 4.53 -8.29	36.99 3.62 -9.09	33.79 3.24 -8.22
HOLTSVILLE_IC_4 23693	27.77 2.14 -8.77	25.30 1.90 -8.42	21.92 1.60 -7.33	21.68 1.45 -8.14	22.29 1.63 -6.84	23.92 2.16 -4.86	35.03 3.33 -7.06	39.33 3.53 -10.22	35.24 3.87 -4.07	37.96 4.17 -4.26	40.74 4.70 -3.45	41.78 4.72 -3.62	44.12 4.70 -5.38	46.67 5.00 -5.93	47.63 5.10 -6.07	48.41 5.67 -2.82	51.82 5.76 -5.26	55.20 5.87 -8.01	57.87 5.83 -9.82	58.39 6.59 -2.93	49.13 5.29 -5.79	43.41 4.53 -8.29	36.99 3.62 -9.09	33.79 3.24 -8.22
HOLTSVILLE_IC_5 23694	27.77 2.14 -8.77	25.30 1.90 -8.42	21.92 1.60 -7.33	21.68 1.45 -8.14	22.29 1.63 -6.84	23.92 2.16 -4.86	35.03 3.33 -7.06	39.33 3.53 -10.22	35.24 3.87 -4.07	37.96 4.17 -4.26	40.74 4.70 -3.45	41.78 4.72 -3.62	44.12 4.70 -5.38	46.67 5.00 -5.93	47.63 5.10 -6.07	48.41 5.67 -2.82	51.82 5.76 -5.26	55.20 5.87 -8.01	57.87 5.83 -9.82	58.39 6.59 -2.93	49.13 5.29 -5.79	43.41 4.53 -8.29	36.99 3.62 -9.09	33.79 3.24 -8.22
HOLTSVILLE_IC_6 23695	27.92 2.24 -8.82	25.41 1.99 -8.44	22.00 1.68 -7.33	21.75 1.52 -8.14	22.36 1.70 -6.84	24.02 2.26 -4.86	35.20 3.52 -7.03	39.52 3.73 -10.21	35.45 4.09 -4.06	38.20 4.40 -4.26	41.09 5.02 -3.47	42.19 5.05 -3.70	44.59 5.07 -5.48	47.15 5.36 -6.06	48.16 5.51 -6.20	48.89 6.07 -2.90	52.34 6.16 -5.37	55.72 6.24 -8.15	58.46 6.21 -10.03	58.90 7.04 -2.99	49.79 5.63 -6.11	43.81 4.83 -8.38	37.32 3.83 -9.21	34.12 3.42 -8.36
HOLTSVILLE_IC_7 23696	27.92 2.24 -8.82	25.41 1.99 -8.44	22.00 1.68 -7.33	21.75 1.52 -8.14	22.36 1.70 -6.84	24.02 2.26 -4.86	35.20 3.52 -7.03	39.52 3.73 -10.21	35.45 4.09 -4.06	38.20 4.40 -4.26	41.09 5.02 -3.47	42.19 5.05 -3.70	44.59 5.07 -5.48	47.15 5.36 -6.06	48.16 5.51 -6.20	48.89 6.07 -2.90	52.34 6.16 -5.37	55.72 6.24 -8.15	58.46 6.21 -10.03	58.90 7.04 -2.99	49.79 5.63 -6.11	43.81 4.83 -8.38	37.32 3.83 -9.21	34.12 3.42 -8.36
HOLTSVILLE_IC_8 23697	27.92 2.24 -8.82	25.41 1.99 -8.44	22.00 1.68 -7.33	21.75 1.52 -8.14	22.36 1.70 -6.84	24.02 2.26 -4.86	35.20 3.52 -7.03	39.52 3.73 -10.21	35.45 4.09 -4.06	38.20 4.40 -4.26	41.09 5.02 -3.47	42.19 5.05 -3.70	44.59 5.07 -5.48	47.15 5.36 -6.06	48.16 5.51 -6.20	48.89 6.07 -2.90	52.34 6.16 -5.37	55.72 6.24 -8.15	58.46 6.21 -10.03	58.90 7.04 -2.99	49.79 5.63 -6.11	43.81 4.83 -8.38	37.32 3.83 -9.21	34.12 3.42 -8.36
HOLTSVILLE_IC_9 23698	27.92 2.24 -8.82	25.41 1.99 -8.44	22.00 1.68 -7.33	21.75 1.52 -8.14	22.36 1.70 -6.84	24.02 2.26 -4.86	35.20 3.52 -7.03	39.52 3.73 -10.21	35.45 4.09 -4.06	38.20 4.40 -4.26	41.09 5.02 -3.47	42.19 5.05 -3.70	44.59 5.07 -5.48	47.15 5.36 -6.06	48.16 5.51 -6.20	48.89 6.07 -2.90	52.34 6.16 -5.37	55.72 6.24 -8.15	58.46 6.21 -10.03	58.90 7.04 -2.99	49.79 5.63 -6.11	43.81 4.83 -8.38	37.32 3.83 -9.21	34.12 3.42 -8.36



HOWARD_WT_PWR 323690	17.78 0.37 -0.55	16.04 0.43 -0.62	13.75 0.14 -0.61	12.89 0.12 -0.68	14.62 0.23 -0.57	17.62 0.36 -0.37	25.22 0.67 0.09	26.92 0.92 -0.43	28.28 0.87 -0.11	30.73 1.03 -0.16	33.45 1.11 0.26	34.45 1.20 0.20	35.00 1.29 0.33	36.91 1.39 0.22	37.54 1.31 0.24	40.86 1.28 0.33	41.86 1.34 0.29	42.10 0.95 0.17	43.09 1.18 0.31	50.14 1.66 0.39	39.20 1.41 0.25	31.59 0.92 -0.07	24.72 0.41 -0.03	23.10 0.74 -0.03
HQ_GEN_CEDARS 23644	16.07 -0.79 0.00	14.16 -0.82 0.00	12.36 -0.64 0.00	11.51 -0.58 0.00	13.09 -0.72 0.00	16.05 -0.84 0.00	17.45 -1.16 6.04	17.05 -1.28 7.25	17.16 -1.42 8.71	17.90 -1.54 10.10	18.26 -1.66 12.68	18.26 -1.74 13.44	18.26 -1.91 13.87	18.04 -2.61 15.09	18.08 -2.70 15.69	17.90 -2.99 19.03	18.26 -2.90 19.65	18.26 -2.85 20.21	18.32 -2.83 21.07	19.23 -3.03 26.60	18.26 -2.32 17.47	18.25 -1.41 10.94	17.05 -1.07 6.16	16.78 -1.03 4.53
HQ_GEN_CEDARS_PROXY 323590	16.07 -0.79 0.00	14.16 -0.82 0.00	12.36 -0.64 0.00	11.51 -0.58 0.00	13.09 -0.72 0.00	16.05 -0.84 0.00	17.45 -1.16 6.04	17.05 -1.28 7.25	17.16 -1.42 8.71	17.90 -1.54 10.10	18.26 -1.66 12.68	18.26 -1.74 13.44	18.26 -1.91 13.87	18.04 -2.61 15.09	18.08 -2.70 15.69	17.90 -2.99 19.03	18.26 -2.90 19.65	18.26 -2.85 20.21	18.32 -2.83 21.07	19.23 -3.03 26.60	18.26 -2.32 17.47	18.25 -1.41 10.94	17.05 -1.07 6.16	16.78 -1.03 4.53
HQ_GEN_IMPORT 323601	16.27 -0.59 0.00	14.41 -0.57 0.00	12.58 -0.42 0.00	11.70 -0.39 0.00	13.33 -0.48 0.00	16.27 -0.62 0.00	16.83 -0.91 6.90	16.27 -0.97 8.33	16.27 -1.01 10.02	16.83 -1.09 11.61	16.65 -1.21 14.75	16.57 -1.24 15.64	16.64 -1.26 16.13	16.83 -1.36 17.55	16.83 -1.39 18.25	16.27 -1.52 22.14	16.51 -1.55 22.74	16.40 -1.53 23.39	16.27 -1.56 24.39	16.27 -1.81 30.79	16.43 -1.41 20.22	16.83 -1.10 12.67	16.27 -0.87 7.13	16.27 -0.83 5.24
HQ_GEN_WHEEL 23651	16.27 -0.59 0.00	14.41 -0.57 0.00	12.58 -0.42 0.00	11.70 -0.39 0.00	13.33 -0.48 0.00	16.27 -0.62 0.00	16.83 -0.91 6.90	16.27 -0.97 8.33	16.27 -1.01 10.02	16.83 -1.09 11.61	16.65 -1.21 14.75	16.57 -1.24 15.64	16.64 -1.26 16.13	16.83 -1.36 17.55	16.83 -1.39 18.25	16.27 -1.52 22.14	16.51 -1.55 22.74	16.40 -1.53 23.39	16.27 -1.56 24.39	16.27 -1.81 30.79	16.43 -1.41 20.22	16.83 -1.10 12.67	16.27 -0.87 7.13	16.27 -0.83 5.24
HUDSON_AVE_GT_3 23810	24.93 1.57 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.82 1.17 -6.83	22.89 1.54 -4.45	27.14 2.49 -0.01	34.64 2.66 -6.41	35.89 2.98 -5.62	38.11 3.19 -5.38	40.54 3.65 -4.28	39.75 3.71 -2.60	42.11 3.74 -4.33	43.92 3.97 -4.21	44.14 4.12 -3.56	45.13 4.55 -0.66	45.85 4.61 -0.43	47.50 4.75 -1.43	46.86 4.64 0.00	54.00 5.13 0.00	42.20 4.15 0.00	38.61 3.49 -4.53	29.82 2.77 -2.78	25.91 2.41 -1.16
HUDSON_AVE_GT_4 23540	24.93 1.57 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.82 1.17 -6.83	22.89 1.54 -4.45	27.14 2.49 -0.01	34.64 2.66 -6.41	35.89 2.98 -5.62	38.11 3.19 -5.38	40.54 3.65 -4.28	39.75 3.71 -2.60	42.11 3.74 -4.33	43.92 3.97 -4.21	44.14 4.12 -3.56	45.13 4.55 -0.66	45.85 4.61 -0.43	47.50 4.75 -1.43	46.86 4.64 0.00	54.00 5.13 0.00	42.20 4.15 0.00	38.61 3.49 -4.53	29.82 2.77 -2.78	25.91 2.41 -1.16
HUDSON_AVE_GT_5 23657	24.93 1.57 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.82 1.17 -6.83	22.89 1.54 -4.45	27.14 2.49 -0.01	34.64 2.66 -6.41	35.89 2.98 -5.62	38.11 3.19 -5.38	40.54 3.65 -4.28	39.75 3.71 -2.60	42.11 3.74 -4.33	43.92 3.97 -4.21	44.14 4.12 -3.56	45.13 4.55 -0.66	45.85 4.61 -0.43	47.50 4.75 -1.43	46.86 4.64 0.00	54.00 5.13 0.00	42.20 4.15 0.00	38.61 3.49 -4.53	29.82 2.77 -2.78	25.91 2.41 -1.16
HUDSON_AVE_10 24168	24.88 1.52 -6.51	23.69 1.29 -7.42	21.39 1.08 -7.32	21.21 0.99 -8.13	21.78 1.13 -6.83	22.85 1.50 -4.45	27.07 2.42 -0.01	34.56 2.58 -6.41	35.76 2.84 -5.62	37.99 3.07 -5.38	40.41 3.52 -4.28	39.65 3.61 -2.60	41.97 3.61 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	45.05 4.47 -0.66	45.77 4.53 -0.43	47.42 4.67 -1.43	46.78 4.56 0.00	53.95 5.08 0.00	42.16 4.11 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
HUNTER_MOUNT___DRP 323613	25.48 1.30 -7.32	24.50 1.17 -8.35	22.23 1.00 -8.23	22.16 0.92 -9.15	22.58 1.08 -7.69	23.19 1.28 -5.01	26.74 2.09 0.00	35.31 2.53 -7.20	33.11 2.68 -3.14	37.08 2.95 -4.59	38.22 3.36 -2.26	36.72 3.28 0.00	37.69 3.27 -0.38	39.29 3.54 -0.01	40.13 3.65 -0.03	44.25 4.15 -0.18	45.03 4.20 -0.01	47.39 4.46 -1.60	46.78 4.56 0.00	54.24 5.38 0.00	41.82 3.77 0.00	37.83 2.97 -4.26	28.01 2.16 -1.58	25.45 1.81 -1.30
HUNTINGTON_RES_REC 323705	27.75 2.07 -8.82	25.23 1.81 -8.44	21.84 1.52 -7.33	21.62 1.39 -8.14	22.20 1.55 -6.84	23.82 2.06 -4.86	34.86 3.20 -7.01	39.22 3.45 -10.20	35.10 3.74 -4.06	37.81 4.02 -4.26	40.70 4.63 -3.47	41.83 4.68 -3.70	44.18 4.66 -5.48	46.77 4.97 -6.06	47.81 5.14 -6.20	48.50 5.67 -2.91	51.98 5.79 -5.38	55.39 5.91 -8.16	58.13 5.87 -10.05	58.51 6.64 -3.00	49.47 5.29 -6.13	43.45 4.47 -8.39	37.04 3.54 -9.21	33.82 3.13 -8.36
HUNTLEY___63 23557	17.04 -0.25 -0.43	15.47 0.00 -0.49	13.20 -0.29 -0.49	12.33 -0.30 -0.54	14.03 -0.23 -0.45	16.89 -0.30 -0.30	24.04 -0.52 0.09	25.72 -0.18 -0.32	27.06 -0.30 -0.06	29.46 -0.18 -0.10	32.42 0.07 0.24	33.22 -0.03 0.19	34.08 0.34 0.30	35.55 0.04 0.22	36.41 0.18 0.23	39.48 -0.12 0.32	40.36 -0.16 0.29	40.30 -0.83 0.20	41.45 -0.46 0.30	48.14 -0.34 0.38	37.53 -0.26 0.25	30.47 -0.15 -0.02	23.65 -0.63 0.00	22.30 -0.04 -0.01
HUNTLEY___64 23558	17.04 -0.25 -0.43	15.47 0.00 -0.49	13.20 -0.29 -0.49	12.33 -0.30 -0.54	14.03 -0.23 -0.45	16.89 -0.30 -0.30	24.04 -0.52 0.09	25.72 -0.18 -0.32	27.06 -0.30 -0.06	29.46 -0.18 -0.10	32.42 0.07 0.24	33.22 -0.03 0.19	34.08 0.34 0.30	35.55 0.04 0.22	36.41 0.18 0.23	39.48 -0.12 0.32	40.36 -0.16 0.29	40.30 -0.83 0.20	41.45 -0.46 0.30	48.14 -0.34 0.38	37.53 -0.26 0.25	30.47 -0.15 -0.02	23.65 -0.63 0.00	22.30 -0.04 -0.01
HUNTLEY___65 23559	17.04 -0.25 -0.43	15.47 0.00 -0.49	13.20 -0.29 -0.49	12.33 -0.30 -0.54	14.03 -0.23 -0.45	16.89 -0.30 -0.30	24.04 -0.52 0.09	25.72 -0.18 -0.32	27.06 -0.30 -0.06	29.46 -0.18 -0.10	32.42 0.07 0.24	33.22 -0.03 0.19	34.08 0.34 0.30	35.55 0.04 0.22	36.41 0.18 0.23	39.48 -0.12 0.32	40.36 -0.16 0.29	40.30 -0.83 0.20	41.45 -0.46 0.30	48.14 -0.34 0.38	37.53 -0.26 0.25	30.47 -0.15 -0.02	23.65 -0.63 0.00	22.30 -0.04 -0.01
HUNTLEY___66 23560	17.04 -0.25 -0.43	15.47 0.00 -0.49	13.20 -0.29 -0.49	12.33 -0.30 -0.54	14.03 -0.23 -0.45	16.89 -0.30 -0.30	24.04 -0.52 0.09	25.72 -0.18 -0.32	27.06 -0.30 -0.06	29.46 -0.18 -0.10	32.42 0.07 0.24	33.22 -0.03 0.19	34.08 0.34 0.30	35.55 0.04 0.22	36.41 0.18 0.23	39.48 -0.12 0.32	40.36 -0.16 0.29	40.30 -0.83 0.20	41.45 -0.46 0.30	48.14 -0.34 0.38	37.53 -0.26 0.25	30.47 -0.15 -0.02	23.65 -0.63 0.00	22.30 -0.04 -0.01



HUNTLEY___67 23561	16.88 -0.42 -0.44	15.30 -0.18 -0.50	13.07 -0.42 -0.49	12.22 -0.41 -0.55	13.92 -0.36 -0.46	16.72 -0.47 -0.30	23.82 -0.74 0.09	25.44 -0.46 -0.33	26.76 -0.60 -0.06	29.07 -0.56 -0.10	31.97 -0.39 0.24	32.78 -0.47 0.19	33.57 -0.17 0.30	35.16 -0.36 0.22	35.98 -0.25 0.23	39.00 -0.60 0.32	39.91 -0.61 0.29	39.93 -1.20 0.19	40.98 -0.93 0.30	47.61 -0.88 0.38	37.19 -0.61 0.25	30.07 -0.55 -0.03	23.41 -0.87 -0.01	22.06 -0.29 -0.01
HUNTLEY___68 23562	16.88 -0.42 -0.44	15.30 -0.18 -0.50	13.07 -0.42 -0.49	12.22 -0.41 -0.55	13.92 -0.36 -0.46	16.72 -0.47 -0.30	23.82 -0.74 0.09	25.44 -0.46 -0.33	26.76 -0.60 -0.06	29.07 -0.56 -0.10	31.97 -0.39 0.24	32.78 -0.47 0.19	33.57 -0.17 0.30	35.16 -0.36 0.22	35.98 -0.25 0.23	39.00 -0.60 0.32	39.91 -0.61 0.29	39.93 -1.20 0.19	40.98 -0.93 0.30	47.61 -0.88 0.38	37.19 -0.61 0.25	30.07 -0.55 -0.03	23.41 -0.87 -0.01	22.06 -0.29 -0.01
HYLAND___LFG 323620	17.73 0.40 -0.46	15.96 0.45 -0.53	13.68 0.17 -0.52	12.79 0.12 -0.58	14.60 0.30 -0.49	17.62 0.40 -0.32	24.56 0.00 0.09	26.13 0.20 -0.35	27.45 0.08 -0.07	29.65 0.00 -0.11	32.22 -0.13 0.25	33.18 -0.07 0.20	34.10 0.38 0.31	35.69 0.18 0.22	36.45 0.22 0.24	39.67 0.08 0.33	40.60 0.08 0.29	40.75 -0.37 0.19	41.95 0.04 0.31	48.97 0.49 0.39	38.17 0.38 0.26	30.48 -0.15 -0.04	23.97 -0.32 -0.01	22.42 0.07 -0.02
INDECK___CORINTH 23802	26.95 1.06 -9.02	26.17 0.90 -10.30	23.92 0.78 -10.15	24.11 0.75 -11.28	24.19 0.90 -9.48	24.19 1.11 -6.18	26.46 1.90 0.09	36.42 2.07 -8.77	33.33 2.29 -3.74	37.59 2.54 -5.52	37.78 2.54 -2.63	35.93 2.68 0.19	37.02 2.69 -0.30	37.97 2.43 0.20	38.75 2.48 0.19	42.79 2.91 0.04	43.85 3.30 0.26	46.36 3.35 -1.69	45.84 3.93 0.30	53.03 4.55 0.38	41.26 3.46 0.25	38.37 2.66 -5.11	28.05 1.92 -1.85	25.55 1.68 -1.54
INDECK___ILION 23567	16.99 0.29 0.16	15.05 0.25 0.18	13.02 0.21 0.18	12.09 0.21 0.20	13.89 0.25 0.17	17.12 0.34 0.11	24.95 0.52 0.22	25.69 0.54 0.42	27.52 0.60 0.38	29.72 0.65 0.46	32.82 0.72 0.49	33.73 0.77 0.49	34.32 0.78 0.50	35.98 0.79 0.55	36.70 0.80 0.57	40.11 0.88 0.69	41.00 0.90 0.71	41.43 0.87 0.76	42.38 0.93 0.76	49.03 1.12 0.96	38.26 0.84 0.63	30.76 0.64 0.48	24.55 0.53 0.26	22.61 0.47 0.19
INDECK___OLEAN 23982	17.76 0.39 -0.51	16.09 0.52 -0.58	13.75 0.18 -0.57	12.88 0.16 -0.64	14.63 0.28 -0.53	17.63 0.39 -0.35	25.23 0.67 0.09	26.89 0.92 -0.40	28.24 0.85 -0.09	30.62 0.94 -0.15	33.30 0.95 0.25	34.19 0.94 0.19	34.78 1.06 0.31	36.48 0.97 0.22	37.32 1.09 0.23	40.47 0.88 0.32	41.38 0.86 0.28	41.44 0.29 0.18	42.34 0.42 0.30	49.22 0.73 0.38	38.68 0.88 0.25	31.61 0.95 -0.06	24.71 0.41 -0.02	23.21 0.85 -0.03
INDECK___OSWEGO 23783	16.91 -0.12 -0.17	15.09 -0.09 -0.20	13.07 -0.12 -0.19	12.18 -0.12 -0.21	13.88 -0.11 -0.18	16.91 -0.10 -0.12	23.96 -0.44 0.25	24.93 -0.51 0.13	26.41 -0.60 0.28	28.60 -0.62 0.31	31.37 -0.75 0.48	32.16 -0.74 0.55	32.75 -0.72 0.57	34.40 -0.71 0.62	35.05 -0.77 0.64	38.26 -0.88 0.78	39.10 -0.90 0.81	39.58 -0.95 0.79	40.42 -0.93 0.86	46.80 -0.98 1.09	36.53 -0.80 0.72	29.54 -0.70 0.35	23.53 -0.53 0.22	21.91 -0.27 0.16
INDECK___YERKES 23781	17.06 -0.24 -0.43	15.49 0.01 -0.49	13.21 -0.27 -0.49	12.35 -0.28 -0.54	14.06 -0.21 -0.45	16.90 -0.29 -0.30	24.07 -0.49 0.09	25.74 -0.15 -0.32	27.11 -0.25 -0.06	29.49 -0.15 -0.10	32.49 0.13 0.24	33.28 0.03 0.19	34.15 0.41 0.30	35.59 0.07 0.22	36.45 0.22 0.23	39.52 -0.08 0.32	40.40 -0.12 0.29	40.34 -0.79 0.20	41.49 -0.42 0.30	48.19 -0.29 0.38	37.57 -0.23 0.25	30.50 -0.12 -0.02	23.67 -0.61 0.00	22.35 0.00 -0.01
INDIAN POINT_GT_1 24139	24.34 1.21 -6.27	23.19 1.06 -7.15	20.93 0.88 -7.05	20.73 0.81 -7.83	21.32 0.93 -6.58	22.37 1.18 -4.29	26.59 1.95 0.00	33.81 2.07 -6.16	32.33 2.35 -2.68	36.04 2.51 -4.00	37.95 2.90 -2.45	36.39 2.94 0.00	37.65 2.96 -0.65	38.94 3.18 -0.02	39.82 3.32 -0.04	43.86 3.63 -0.31	44.51 3.67 -0.02	46.49 3.80 -1.37	45.93 3.72 0.00	53.07 4.20 0.00	41.36 3.31 0.00	37.21 2.78 -3.83	27.86 2.23 -1.35	25.37 1.92 -1.11
INDIAN POINT_GT_2 23659	24.34 1.21 -6.27	23.19 1.06 -7.15	20.93 0.88 -7.05	20.73 0.81 -7.83	21.32 0.93 -6.58	22.37 1.18 -4.29	26.59 1.95 0.00	33.81 2.07 -6.16	32.33 2.35 -2.68	36.04 2.51 -4.00	37.95 2.90 -2.45	36.39 2.94 0.00	37.65 2.96 -0.65	38.94 3.18 -0.02	39.82 3.32 -0.04	43.86 3.63 -0.31	44.51 3.67 -0.02	46.49 3.80 -1.37	45.93 3.72 0.00	53.07 4.20 0.00	41.36 3.31 0.00	37.21 2.78 -3.83	27.86 2.23 -1.35	25.37 1.92 -1.11
INDIAN POINT_GT_3 24019	24.34 1.21 -6.27	23.19 1.06 -7.15	20.93 0.88 -7.05	20.73 0.81 -7.83	21.32 0.93 -6.58	22.37 1.18 -4.29	26.59 1.95 0.00	33.81 2.07 -6.16	32.33 2.35 -2.68	36.04 2.51 -4.00	37.95 2.90 -2.45	36.39 2.94 0.00	37.65 2.96 -0.65	38.94 3.18 -0.02	39.82 3.32 -0.04	43.86 3.63 -0.31	44.51 3.67 -0.02	46.49 3.80 -1.37	45.93 3.72 0.00	53.07 4.20 0.00	41.36 3.31 0.00	37.21 2.78 -3.83	27.86 2.23 -1.35	25.37 1.92 -1.11
INDIAN POINT___2 23530	24.01 1.15 -6.00	22.83 1.00 -6.85	20.58 0.83 -6.75	20.36 0.77 -7.50	20.99 0.87 -6.30	22.14 1.13 -4.11	26.50 1.85 0.00	33.45 1.97 -5.90	32.11 2.24 -2.57	35.53 2.39 -3.60	35.98 2.74 -0.64	36.22 2.77 0.00	36.39 2.79 0.44	38.72 3.00 0.02	39.53 3.10 0.03	43.15 3.43 0.21	44.26 3.47 0.02	46.23 3.59 -1.32	45.68 3.46 0.00	52.78 3.91 0.00	41.17 3.12 0.00	36.29 2.63 -3.07	27.68 2.11 -1.29	25.24 1.83 -1.07
INDIAN POINT___3 23531	24.29 1.16 -6.27	23.14 1.00 -7.16	20.89 0.84 -7.05	20.70 0.77 -7.84	21.29 0.88 -6.59	22.32 1.13 -4.29	26.50 1.85 0.00	33.71 1.97 -6.17	32.23 2.24 -2.69	35.16 2.39 -3.24	32.14 2.74 3.20	36.25 2.81 0.00	33.95 2.79 2.88	38.64 3.00 0.10	39.41 3.14 0.19	42.00 3.43 1.35	44.17 3.47 0.11	46.29 3.59 -1.37	45.72 3.50 0.00	52.78 3.91 0.00	41.17 3.12 0.00	35.05 2.63 -1.83	27.74 2.11 -1.35	25.30 1.85 -1.12
IP CORINTH___1 23988	27.05 1.16 -9.02	26.26 0.99 -10.30	24.00 0.86 -10.15	24.19 0.82 -11.28	24.27 0.98 -9.48	24.29 1.22 -6.18	26.61 2.04 0.09	36.54 2.20 -8.77	33.50 2.46 -3.74	37.77 2.72 -5.52	37.97 2.74 -2.63	36.09 2.84 0.19	37.22 2.89 -0.30	38.18 2.64 0.20	38.97 2.70 0.19	43.04 3.15 0.04	44.10 3.55 0.26	46.56 3.55 -1.69	46.06 4.14 0.30	53.33 4.84 0.38	41.49 3.69 0.25	38.55 2.85 -5.11	28.19 2.06 -1.85	25.68 1.81 -1.54
IP___TICONDEROGA 23804	27.79 2.19 -8.74	26.87 1.92 -9.97	24.45 1.62 -9.82	24.53 1.52 -10.92	24.76 1.77 -9.18	25.06 2.18 -5.98	28.12 3.48 0.00	37.87 3.71 -8.59	35.08 4.04 -3.74	39.44 4.40 -5.51	40.35 4.86 -2.89	38.46 5.02 0.00	39.69 5.07 -0.58	40.94 5.18 -0.02	41.79 5.29 -0.04	46.10 5.91 -0.27	46.95 6.12 -0.02	49.48 6.24 -1.92	48.72 6.50 0.00	56.39 7.52 0.00	43.91 5.86 0.00	40.40 4.65 -5.15	29.73 3.57 -1.88	27.08 3.19 -1.55



ISLIP_RES_REC 323679	28.05 2.34 -8.85	25.51 2.08 -8.45	22.07 1.74 -7.33	21.81 1.58 -8.14	22.43 1.77 -6.84	24.11 2.35 -4.87	35.33 3.67 -7.01	39.68 3.91 -10.20	35.64 4.29 -4.06	38.40 4.61 -4.26	41.40 5.32 -3.48	42.54 5.35 -3.75	44.95 5.38 -5.54	47.59 5.72 -6.14	48.62 5.87 -6.28	49.35 6.47 -2.96	52.83 6.57 -5.45	56.23 6.65 -8.25	59.02 6.63 -10.18	59.43 7.52 -3.04	50.38 6.01 -6.32	44.12 5.08 -8.44	37.60 4.03 -9.29	34.35 3.55 -8.46
JARVIS____ 23743	16.83 0.13 0.16	14.92 0.12 0.18	12.91 0.09 0.18	11.97 0.09 0.20	13.76 0.11 0.17	16.94 0.15 0.11	24.65 0.22 0.22	25.39 0.23 0.42	27.16 0.25 0.38	29.37 0.30 0.46	32.40 0.29 0.49	33.29 0.33 0.49	33.88 0.34 0.50	35.55 0.36 0.55	36.22 0.33 0.57	39.59 0.36 0.69	40.47 0.37 0.71	40.93 0.37 0.76	41.88 0.42 0.76	48.39 0.49 0.96	37.76 0.34 0.63	30.39 0.27 0.48	24.24 0.22 0.26	22.34 0.20 0.19
JENNISON____1 23625	18.51 0.81 -0.84	16.67 0.73 -0.96	14.42 0.48 -0.95	13.60 0.46 -1.05	15.26 0.57 -0.88	18.40 0.93 -0.58	26.15 1.50 0.00	28.04 1.64 -0.83	29.41 1.75 -0.36	31.90 1.89 -0.48	34.44 1.96 0.12	35.62 2.17 0.00	36.09 2.25 0.19	38.13 2.39 0.01	38.86 2.41 0.01	42.43 2.59 0.09	43.45 2.65 0.01	44.07 2.56 -0.18	44.92 2.70 0.00	52.29 3.42 0.00	40.45 2.40 0.00	32.70 1.74 -0.36	25.87 1.41 -0.18	23.71 1.23 -0.15
JENNISON____2 23626	18.51 0.81 -0.84	16.67 0.73 -0.96	14.42 0.48 -0.95	13.60 0.46 -1.05	15.26 0.57 -0.88	18.40 0.93 -0.58	26.15 1.50 0.00	28.04 1.64 -0.83	29.41 1.75 -0.36	31.90 1.89 -0.48	34.44 1.96 0.12	35.62 2.17 0.00	36.09 2.25 0.19	38.13 2.39 0.01	38.86 2.41 0.01	42.43 2.59 0.09	43.45 2.65 0.01	44.07 2.56 -0.18	44.92 2.70 0.00	52.29 3.42 0.00	40.45 2.40 0.00	32.70 1.74 -0.36	25.87 1.41 -0.18	23.71 1.23 -0.15
JERICHO_RISE_WT_PWR 323719	16.24 -0.62 0.00	14.29 -0.69 0.00	12.46 -0.53 0.00	11.57 -0.52 0.00	13.15 -0.66 0.00	16.12 -0.78 0.00	17.48 -0.94 6.23	17.24 -0.82 7.51	17.53 -0.74 9.03	18.44 -0.62 10.47	18.67 -0.65 13.28	18.73 -0.64 14.07	18.94 -0.58 14.52	19.15 -0.79 15.80	19.20 -0.84 16.43	18.92 -1.08 19.93	19.38 -0.94 20.49	19.34 -0.91 21.07	19.36 -0.89 21.97	20.20 -0.93 27.73	19.19 -0.65 18.21	18.54 -0.64 11.41	17.17 -0.68 6.43	16.97 -0.65 4.72
KEDC_PORT_JEFF_GT2 24210	27.88 2.23 -8.80	25.39 1.98 -8.43	21.99 1.66 -7.33	21.74 1.51 -8.14	22.34 1.68 -6.84	23.99 2.23 -4.86	35.16 3.48 -7.03	39.47 3.68 -10.21	35.40 4.04 -4.06	38.14 4.34 -4.26	40.98 4.92 -3.46	42.06 4.95 -3.67	44.41 4.93 -5.44	47.00 5.26 -6.01	47.89 5.29 -6.15	48.67 5.87 -2.87	52.09 5.96 -5.33	55.45 6.03 -8.10	58.16 5.99 -9.95	58.63 6.79 -2.97	49.48 5.44 -5.99	43.75 4.80 -8.35	37.28 3.83 -9.17	34.06 3.42 -8.30
KEDC_PORT_JEFF_GT3 24211	27.88 2.23 -8.80	25.39 1.98 -8.43	21.99 1.66 -7.33	21.74 1.51 -8.14	22.34 1.68 -6.84	23.99 2.23 -4.86	35.16 3.48 -7.03	39.47 3.68 -10.21	35.40 4.04 -4.06	38.14 4.34 -4.26	40.98 4.92 -3.46	42.06 4.95 -3.67	44.41 4.93 -5.44	47.00 5.26 -6.01	47.89 5.29 -6.15	48.67 5.87 -2.87	52.09 5.96 -5.33	55.45 6.03 -8.10	58.16 5.99 -9.95	58.63 6.79 -2.97	49.48 5.44 -5.99	43.75 4.80 -8.35	37.28 3.83 -9.17	34.06 3.42 -8.30
KEDC_GLWD_GT4 24219	28.89 1.69 -10.35	25.56 1.47 -9.11	21.56 1.24 -7.33	21.36 1.12 -8.15	21.93 1.27 -6.85	23.55 1.66 -5.00	31.52 2.61 -4.26	37.07 2.79 -8.71	33.98 3.11 -3.57	37.16 3.37 -4.26	40.61 3.78 -4.23	44.31 3.88 -6.99	47.25 3.84 -9.36	51.30 4.14 -11.41	52.41 4.30 -11.65	50.97 4.75 -6.30	55.74 4.81 -10.11	60.38 4.91 -14.15	66.01 4.81 -18.98	59.94 5.42 -5.65	61.74 4.30 -19.40	46.38 3.61 -12.18	40.61 2.84 -13.49	37.91 2.57 -13.01
KEDC_GLWD_GT5 24220	28.89 1.69 -10.35	25.56 1.47 -9.11	21.56 1.24 -7.33	21.36 1.12 -8.15	21.93 1.27 -6.85	23.55 1.66 -5.00	31.52 2.61 -4.26	37.07 2.79 -8.71	33.98 3.11 -3.57	37.16 3.37 -4.26	40.61 3.78 -4.23	44.31 3.88 -6.99	47.25 3.84 -9.36	51.30 4.14 -11.41	52.41 4.30 -11.65	50.97 4.75 -6.30	55.74 4.81 -10.11	60.38 4.91 -14.15	66.01 4.81 -18.98	59.94 5.42 -5.65	61.74 4.30 -19.40	46.38 3.61 -12.18	40.61 2.84 -13.49	37.91 2.57 -13.01
KENSICO____ 23655	24.66 1.35 -6.45	23.51 1.17 -7.36	21.22 0.98 -7.25	21.04 0.89 -8.06	21.61 1.02 -6.77	22.63 1.32 -4.41	26.77 2.12 0.00	34.19 2.28 -6.34	32.63 2.57 -2.76	36.49 2.75 -4.21	39.01 3.16 -3.25	36.65 3.21 0.00	38.40 3.24 -1.12	39.24 3.47 -0.04	40.15 3.61 -0.07	44.40 3.95 -0.53	44.85 4.00 -0.04	46.87 4.13 -1.41	46.27 4.05 0.00	53.41 4.55 0.00	41.63 3.58 0.00	37.83 3.03 -4.20	28.07 2.40 -1.39	25.58 2.10 -1.15
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.69 1.18 -5.65	22.46 1.03 -6.45	20.22 0.87 -6.36	19.96 0.81 -7.06	20.70 0.95 -5.94	21.98 1.22 -3.87	26.67 2.02 0.00	33.46 2.33 -5.56	32.29 2.57 -2.42	35.77 2.78 -3.46	36.84 3.13 -1.11	36.69 3.24 0.00	37.17 3.24 0.10	39.24 3.50 0.00	40.03 3.58 0.01	43.83 3.95 0.05	44.81 4.00 0.00	46.69 4.13 -1.24	46.44 4.22 0.00	53.71 4.84 0.00	41.67 3.62 0.00	36.57 2.91 -3.07	27.70 2.21 -1.22	25.19 1.85 -1.01
KIAC_JFK_GT1 23816	24.87 1.50 -6.51	23.65 1.24 -7.42	21.38 1.07 -7.32	21.19 0.97 -8.13	21.73 1.08 -6.83	22.84 1.49 -4.45	27.04 2.39 -0.01	34.49 2.51 -6.41	35.54 2.62 -5.62	37.78 2.86 -5.38	40.21 3.33 -4.28	39.45 3.41 -2.60	41.77 3.40 -4.33	43.60 3.65 -4.21	43.81 3.79 -3.56	44.93 4.35 -0.66	45.65 4.41 -0.43	47.38 4.63 -1.43	46.74 4.52 0.00	53.85 4.99 0.00	42.12 4.07 0.00	38.36 3.24 -4.53	29.68 2.62 -2.78	25.84 2.34 -1.16
KIAC_JFK_GT2 23817	24.87 1.50 -6.51	23.65 1.24 -7.42	21.38 1.07 -7.32	21.19 0.97 -8.13	21.73 1.08 -6.83	22.84 1.49 -4.45	27.04 2.39 -0.01	34.49 2.51 -6.41	35.54 2.62 -5.62	37.78 2.86 -5.38	40.21 3.33 -4.28	39.45 3.41 -2.60	41.77 3.40 -4.33	43.60 3.65 -4.21	43.81 3.79 -3.56	44.93 4.35 -0.66	45.65 4.41 -0.43	47.38 4.63 -1.43	46.74 4.52 0.00	53.85 4.99 0.00	42.12 4.07 0.00	38.36 3.24 -4.53	29.68 2.62 -2.78	25.84 2.34 -1.16
KINTIGH____ 23543	16.67 -0.57 -0.38	15.06 -0.36 -0.44	12.92 -0.51 -0.43	12.07 -0.50 -0.48	13.76 -0.46 -0.40	16.53 -0.62 -0.26	23.60 -0.96 0.09	25.08 -0.77 -0.27	26.41 -0.93 -0.04	28.60 -1.00 -0.07	31.39 -0.98 0.24	32.25 -1.00 0.20	33.00 -0.75 0.29	34.55 -0.96 0.22	35.35 -0.88 0.23	38.41 -1.20 0.32	39.25 -1.27 0.29	39.41 -1.70 0.21	40.43 -1.48 0.31	46.96 -1.52 0.39	36.69 -1.10 0.25	29.56 -1.04 0.00	23.18 -1.09 0.01	21.74 -0.60 0.00
LEDERLE____ 23769	23.82 1.25 -5.71	22.59 1.09 -6.52	20.34 0.92 -6.42	20.07 0.85 -7.14	20.78 0.97 -6.00	22.04 1.23 -3.91	26.62 1.97 0.00	33.34 2.15 -5.62	32.15 2.40 -2.45	35.26 2.57 -3.16	34.15 2.94 1.38	36.46 3.01 0.00	35.37 3.00 1.66	38.90 3.22 0.06	39.70 3.35 0.11	42.85 3.71 0.78	44.50 3.75 0.06	46.46 3.88 -1.25	46.02 3.80 0.00	53.12 4.25 0.00	41.43 3.39 0.00	35.62 2.81 -2.21	27.79 2.28 -1.23	25.34 1.99 -1.02



LINDEN COGEN____ 23786	24.82 1.45 -6.51	23.63 1.23 -7.42	21.35 1.04 -7.32	21.17 0.95 -8.13	21.74 1.09 -6.83	22.78 1.44 -4.45	26.97 2.32 -0.01	34.44 2.46 -6.41	35.70 2.79 -5.62	37.87 2.95 -5.38	40.28 3.39 -4.28	38.72 3.41 -1.86	36.98 3.40 0.46	37.01 3.65 2.37	37.01 3.79 3.24	37.11 4.15 6.97	37.09 4.24 7.96	37.77 4.34 7.89	36.99 4.22 9.44	40.80 4.64 12.71	41.85 3.80 0.00	38.26 3.24 -4.42	29.63 2.57 -2.78	25.73 2.23 -1.16
LIPA_MISC_IPP 23656	27.90 2.26 -8.78	25.42 2.02 -8.42	22.03 1.70 -7.33	21.77 1.54 -8.14	22.38 1.73 -6.84	24.03 2.28 -4.86	35.25 3.55 -7.05	39.56 3.76 -10.22	35.49 4.12 -4.07	38.22 4.43 -4.26	41.14 5.08 -3.45	42.19 5.12 -3.63	44.58 5.14 -5.40	47.12 5.43 -5.95	48.16 5.61 -6.09	48.98 6.23 -2.84	52.41 6.33 -5.28	55.76 6.40 -8.03	58.49 6.41 -9.85	59.09 7.28 -2.94	49.68 5.78 -5.85	43.79 4.89 -8.30	37.25 3.86 -9.11	34.01 3.44 -8.24
LISF__SOLAR 323691	27.94 2.29 -8.78	25.46 2.05 -8.42	22.05 1.73 -7.33	21.80 1.57 -8.14	22.41 1.75 -6.84	24.09 2.33 -4.86	35.29 3.60 -7.05	39.60 3.81 -10.22	35.54 4.18 -4.07	38.31 4.52 -4.26	41.24 5.18 -3.45	42.30 5.22 -3.64	44.72 5.28 -5.41	47.28 5.57 -5.97	48.33 5.76 -6.11	49.16 6.39 -2.85	52.59 6.49 -5.29	55.95 6.57 -8.06	58.69 6.58 -9.89	59.24 7.42 -2.95	49.87 5.93 -5.89	43.90 4.99 -8.32	37.34 3.93 -9.13	34.10 3.51 -8.26
LITTLE FALLS____HYD 24013	17.17 0.47 0.16	15.22 0.42 0.18	13.15 0.34 0.18	12.24 0.35 0.20	14.06 0.41 0.17	17.36 0.57 0.11	25.29 0.86 0.22	26.08 0.92 0.42	27.95 1.04 0.38	30.22 1.15 0.46	33.35 1.24 0.49	34.26 1.30 0.49	34.86 1.33 0.50	36.55 1.36 0.55	37.28 1.39 0.57	40.71 1.48 0.69	41.57 1.47 0.71	42.00 1.45 0.76	42.97 1.52 0.76	49.76 1.86 0.96	38.83 1.41 0.63	31.21 1.10 0.48	24.94 0.92 0.26	22.95 0.80 0.19
LI_NEWBRDGE____DRP 323616	27.01 1.79 -8.37	24.78 1.56 -8.24	21.64 1.31 -7.33	21.43 1.20 -8.14	22.00 1.34 -6.84	23.49 1.77 -4.82	34.68 2.74 -7.30	38.81 2.89 -10.34	34.60 3.19 -4.11	37.22 3.42 -4.26	39.81 3.91 -3.29	40.38 3.98 -2.96	42.56 3.91 -4.61	44.77 4.18 -4.86	45.81 4.37 -4.97	46.90 4.83 -2.15	50.01 4.89 -4.31	53.13 5.00 -6.81	55.14 4.89 -8.03	56.88 5.62 -2.40	45.67 4.49 -3.14	41.89 3.76 -7.53	35.40 3.01 -8.11	32.00 2.68 -6.98
LONG_LAKE_PHOENIX 24014	17.04 0.00 -0.18	15.20 0.01 -0.20	13.16 -0.04 -0.20	12.27 -0.04 -0.22	13.99 -0.01 -0.19	17.03 0.02 -0.12	24.38 -0.07 0.19	25.42 -0.10 0.05	26.96 -0.14 0.20	29.18 -0.15 0.21	32.01 -0.23 0.36	32.85 -0.17 0.43	33.46 -0.14 0.44	35.15 -0.11 0.48	35.82 -0.15 0.50	39.12 -0.20 0.60	39.94 -0.24 0.62	40.47 -0.25 0.60	41.34 -0.21 0.67	47.88 -0.15 0.84	37.35 -0.15 0.55	30.14 -0.21 0.25	23.93 -0.20 0.16	22.14 -0.09 0.11
LOVETT____3 23632	23.81 1.16 -5.79	22.61 1.02 -6.61	20.35 0.84 -6.51	20.11 0.79 -7.24	20.78 0.88 -6.08	21.99 1.13 -3.96	26.47 1.82 0.00	33.24 1.97 -5.69	31.99 2.21 -2.48	35.08 2.36 -3.18	33.74 2.70 1.57	36.19 2.74 0.00	34.97 2.72 1.79	38.61 2.93 0.06	39.41 3.06 0.12	42.43 3.35 0.84	44.17 3.43 0.07	46.14 3.55 -1.27	45.64 3.42 0.00	52.73 3.86 0.00	41.13 3.08 0.00	35.38 2.60 -2.18	27.63 2.11 -1.25	25.22 1.85 -1.03
LOVETT____4 23642	23.81 1.16 -5.79	22.61 1.02 -6.61	20.35 0.84 -6.51	20.11 0.79 -7.24	20.78 0.88 -6.08	21.99 1.13 -3.96	26.47 1.82 0.00	33.24 1.97 -5.69	31.99 2.21 -2.48	35.08 2.36 -3.18	33.74 2.70 1.57	36.19 2.74 0.00	34.97 2.72 1.79	38.61 2.93 0.06	39.41 3.06 0.12	42.43 3.35 0.84	44.17 3.43 0.07	46.14 3.55 -1.27	45.64 3.42 0.00	52.73 3.86 0.00	41.13 3.08 0.00	35.38 2.60 -2.18	27.63 2.11 -1.25	25.22 1.85 -1.03
LOVETT____5 23593	23.81 1.16 -5.79	22.61 1.02 -6.61	20.35 0.84 -6.51	20.11 0.79 -7.24	20.78 0.88 -6.08	21.99 1.13 -3.96	26.47 1.82 0.00	33.24 1.97 -5.69	31.99 2.21 -2.48	35.08 2.36 -3.18	33.74 2.70 1.57	36.19 2.74 0.00	34.97 2.72 1.79	38.61 2.93 0.06	39.41 3.06 0.12	42.43 3.35 0.84	44.17 3.43 0.07	46.14 3.55 -1.27	45.64 3.42 0.00	52.73 3.86 0.00	41.13 3.08 0.00	35.38 2.60 -2.18	27.63 2.11 -1.25	25.22 1.85 -1.03
LOWER RAQUET____HYD 24057	16.03 -0.83 0.00	14.11 -0.87 0.00	12.29 -0.70 0.00	11.45 -0.64 0.00	13.03 -0.79 0.00	16.05 -0.84 0.00	18.38 -1.13 5.14	18.10 -1.30 6.17	18.24 -1.64 7.42	19.01 -1.92 8.60	19.63 -2.15 10.82	19.80 -2.17 11.47	19.92 -2.28 11.83	19.93 -2.93 12.87	20.05 -3.03 13.38	20.33 -3.35 16.24	20.83 -3.22 16.75	21.03 -3.06 17.23	21.38 -2.87 17.96	23.50 -2.69 22.68	21.14 -2.02 14.89	19.92 -1.35 9.33	18.00 -1.02 5.25	17.43 -1.05 3.86
LOWER____HUDSON 24059	26.85 1.03 -8.97	26.14 0.93 -10.23	23.86 0.78 -10.08	24.03 0.74 -11.21	24.10 0.87 -9.42	24.08 1.05 -6.14	26.24 1.68 0.08	36.08 1.79 -8.72	32.99 1.97 -3.72	37.18 2.15 -5.49	37.61 2.38 -2.63	35.67 2.41 0.19	36.76 2.42 -0.31	37.98 2.43 0.19	38.76 2.48 0.18	42.73 2.83 0.03	43.50 2.94 0.25	46.02 3.01 -1.69	45.13 3.21 0.29	52.17 3.67 0.36	40.63 2.82 0.24	37.95 2.26 -5.08	27.82 1.70 -1.85	25.37 1.50 -1.53
LWR____OSWEGATCHIE_HYD 23850	16.51 -0.35 0.00	14.59 -0.39 0.00	12.62 -0.38 0.00	11.76 -0.33 0.00	13.41 -0.40 0.00	16.61 -0.29 0.00	20.78 -0.37 3.50	20.91 -0.46 4.20	21.59 -0.66 5.05	22.88 -0.80 5.86	24.29 -0.95 7.37	24.73 -0.90 7.81	25.03 -0.95 8.06	25.65 -1.32 8.76	25.96 -1.39 9.11	27.39 -1.48 11.06	28.01 -1.39 11.41	28.27 -1.32 11.73	28.85 -1.14 12.23	32.64 -0.78 15.44	27.15 -0.76 10.14	23.79 -0.46 6.35	20.38 -0.32 3.58	19.31 -0.40 2.63
LYONS_FALL_HYD 23570	17.13 0.27 0.00	15.19 0.21 0.00	13.10 0.10 0.00	12.20 0.11 0.00	13.94 0.12 0.00	17.27 0.37 0.00	24.19 0.59 1.04	24.93 0.61 1.25	26.42 0.63 1.51	28.44 0.65 1.75	31.02 0.62 2.20	31.85 0.73 2.33	32.38 0.75 2.40	33.84 0.71 2.61	34.47 0.73 2.72	37.42 0.80 3.30	38.27 0.86 3.40	38.69 0.87 3.50	39.58 1.01 3.65	45.73 1.46 4.60	35.90 0.88 3.02	29.35 0.64 1.89	23.79 0.58 1.07	21.98 0.42 0.78
MADISON____COUNTY_LFGE 323628	17.30 0.44 0.00	15.37 0.39 0.00	13.24 0.25 0.00	12.33 0.24 0.00	14.12 0.30 0.00	17.42 0.52 0.00	25.11 0.81 0.35	26.02 0.87 0.42	27.72 0.93 0.51	29.95 1.00 0.59	32.88 1.01 0.74	33.80 1.14 0.78	34.42 1.19 0.81	36.14 1.28 0.88	36.79 1.24 0.91	40.17 1.36 1.11	41.05 1.39 1.14	41.51 1.36 1.18	42.47 1.48 1.23	49.22 1.90 1.55	38.29 1.25 1.02	30.88 0.92 0.64	24.67 0.75 0.36	22.70 0.62 0.26
MAPLE RIDGE_WT_1 323574	16.30 -0.27 0.29	14.39 -0.25 0.33	12.48 -0.19 0.33	11.58 -0.14 0.36	13.36 -0.15 0.30	16.53 -0.17 0.20	23.79 -0.27 0.58	24.23 -0.36 0.99	25.89 -0.44 0.97	27.91 -0.47 1.15	30.90 -0.49 1.21	31.66 -0.47 1.32	32.26 -0.48 1.30	33.72 -0.54 1.48	34.38 -0.55 1.54	37.52 -0.56 1.84	38.36 -0.53 1.92	38.74 -0.54 2.04	39.61 -0.55 2.06	45.58 -0.68 2.60	35.81 -0.53 1.71	29.00 -0.40 1.20	23.32 -0.29 0.67	21.60 -0.25 0.49



MAPLE RIDGE_WT_2 323611	16.30 -0.27 0.29	14.39 -0.25 0.33	12.48 -0.19 0.33	11.58 -0.14 0.36	13.36 -0.15 0.30	16.53 -0.17 0.20	23.79 -0.27 0.58	24.23 -0.36 0.99	25.89 -0.44 0.97	27.91 -0.47 1.15	30.90 -0.49 1.21	31.66 -0.47 1.32	32.26 -0.48 1.30	33.72 -0.54 1.48	34.38 -0.55 1.54	37.52 -0.56 1.84	38.36 -0.53 1.92	38.74 -0.54 2.04	39.61 -0.55 2.06	45.58 -0.68 2.60	35.81 -0.53 1.71	29.00 -0.40 1.20	23.32 -0.29 0.67	21.60 -0.25 0.49
MARBLE_RIVER_WT_PWR 323696	16.30 -0.56 0.00	14.34 -0.64 0.00	12.50 -0.49 0.00	11.59 -0.50 0.00	13.18 -0.64 0.00	16.17 -0.73 0.00	17.44 -0.86 6.35	17.18 -0.74 7.66	17.47 -0.63 9.21	18.36 -0.50 10.67	18.57 -0.49 13.54	18.59 -0.50 14.35	18.78 -0.44 14.81	18.98 -0.64 16.11	19.02 -0.69 16.75	18.68 -0.92 20.32	19.14 -0.78 20.89	19.14 -0.70 21.48	19.14 -0.68 22.40	19.86 -0.73 28.28	18.99 -0.50 18.57	18.47 -0.49 11.63	17.17 -0.56 6.55	16.97 -0.56 4.81
MARSH_HILL_WT_PWR 323713	17.77 0.37 -0.54	16.04 0.45 -0.62	13.76 0.16 -0.61	12.89 0.13 -0.67	14.63 0.25 -0.57	17.64 0.37 -0.37	25.25 0.69 0.09	26.92 0.92 -0.43	28.30 0.90 -0.11	30.75 1.06 -0.16	33.45 1.11 0.26	34.45 1.20 0.19	35.04 1.33 0.32	36.91 1.39 0.22	37.58 1.35 0.24	40.90 1.32 0.33	41.86 1.34 0.29	42.10 0.95 0.17	43.14 1.23 0.30	50.14 1.66 0.39	39.21 1.41 0.25	31.58 0.92 -0.07	24.72 0.41 -0.03	23.10 0.74 -0.03
MG INDUSTRY___DRP 24185	26.27 0.76 -8.65	25.58 0.73 -9.87	23.35 0.62 -9.73	23.48 0.58 -10.81	23.58 0.68 -9.08	23.63 0.81 -5.92	25.88 1.23 0.00	35.38 1.30 -8.51	32.42 1.42 -3.71	36.51 1.53 -5.44	37.12 1.76 -2.76	34.88 1.44 0.00	35.95 1.40 -0.51	37.22 1.47 -0.02	38.03 1.53 -0.03	41.88 1.72 -0.24	42.58 1.75 -0.02	45.03 1.82 -1.90	44.07 1.86 0.00	50.92 2.05 0.00	39.68 1.64 0.00	37.01 1.34 -5.07	27.18 1.04 -1.86	24.79 0.92 -1.54
MID___OSWEGATCHIE_HYD 23849	16.51 -0.35 0.00	14.59 -0.39 0.00	12.62 -0.38 0.00	11.76 -0.33 0.00	13.41 -0.40 0.00	16.61 -0.29 0.00	20.78 -0.37 3.50	20.91 -0.46 4.20	21.59 -0.66 5.05	22.88 -0.80 5.86	24.29 -0.95 7.37	24.73 -0.90 7.81	25.03 -0.95 8.06	25.65 -1.32 8.76	25.96 -1.39 9.11	27.39 -1.48 11.06	28.01 -1.39 11.41	28.27 -1.32 11.73	28.85 -1.14 12.23	32.64 -0.78 15.44	27.15 -0.76 10.14	23.79 -0.46 6.35	20.38 -0.32 3.58	19.31 -0.40 2.63
MID___RAQUETTE_HYD 23851	16.03 -0.83 0.00	14.11 -0.87 0.00	12.29 -0.70 0.00	11.45 -0.64 0.00	13.03 -0.79 0.00	16.05 -0.84 0.00	18.38 -1.13 5.14	18.10 -1.30 6.17	18.24 -1.64 7.42	19.01 -1.92 8.60	19.63 -2.15 10.82	19.80 -2.17 11.47	19.92 -2.28 11.83	19.93 -2.93 12.87	20.05 -3.03 13.38	20.33 -3.35 16.24	20.83 -3.22 16.75	21.03 -3.06 17.23	21.38 -2.87 17.96	23.50 -2.69 22.68	21.14 -2.02 14.89	19.92 -1.35 9.33	18.00 -1.02 5.25	17.43 -1.05 3.86
MILLIKEN___1 23584	17.77 0.40 -0.50	15.93 0.37 -0.57	13.81 0.25 -0.56	12.93 0.22 -0.63	14.64 0.30 -0.53	17.68 0.44 -0.34	25.28 0.74 0.11	26.76 0.82 -0.36	28.18 0.82 -0.06	30.56 0.92 -0.11	33.22 0.91 0.29	34.24 1.04 0.24	34.77 1.09 0.36	36.68 1.22 0.27	37.31 1.13 0.28	40.73 1.20 0.39	41.68 1.22 0.35	42.23 1.16 0.25	43.16 1.31 0.37	50.06 1.66 0.47	38.96 1.22 0.31	31.44 0.83 -0.02	24.86 0.58 0.00	22.92 0.58 -0.01
MILLIKEN___2 23585	17.77 0.40 -0.50	15.93 0.37 -0.57	13.81 0.25 -0.56	12.93 0.22 -0.63	14.64 0.30 -0.53	17.68 0.44 -0.34	25.28 0.74 0.11	26.76 0.82 -0.36	28.18 0.82 -0.06	30.56 0.92 -0.11	33.22 0.91 0.29	34.24 1.04 0.24	34.77 1.09 0.36	36.68 1.22 0.27	37.31 1.13 0.28	40.73 1.20 0.39	41.68 1.22 0.35	42.23 1.16 0.25	43.16 1.31 0.37	50.06 1.66 0.47	38.96 1.22 0.31	31.44 0.83 -0.02	24.86 0.58 0.00	22.92 0.58 -0.01
MILLIKEN___DIESEL 23629	17.77 0.40 -0.50	15.93 0.37 -0.57	13.81 0.25 -0.56	12.93 0.22 -0.63	14.64 0.30 -0.53	17.68 0.44 -0.34	25.28 0.74 0.11	26.76 0.82 -0.36	28.18 0.82 -0.06	30.56 0.92 -0.11	33.22 0.91 0.29	34.24 1.04 0.24	34.77 1.09 0.36	36.68 1.22 0.27	37.31 1.13 0.28	40.73 1.20 0.39	41.68 1.22 0.35	42.23 1.16 0.25	43.16 1.31 0.37	50.06 1.66 0.47	38.96 1.22 0.31	31.44 0.83 -0.02	24.86 0.58 0.00	22.92 0.58 -0.01
MILLSEAT___LFGE 323607	17.09 -0.19 -0.41	15.47 0.01 -0.47	13.21 -0.25 -0.46	12.34 -0.27 -0.51	14.09 -0.15 -0.43	16.94 -0.24 -0.28	24.21 -0.35 0.09	25.90 0.03 -0.30	27.24 -0.11 -0.05	29.47 -0.15 -0.09	32.36 0.00 0.24	33.21 -0.03 0.20	34.18 0.44 0.30	35.66 0.14 0.22	36.59 0.36 0.24	39.68 0.08 0.32	40.56 0.04 0.29	40.58 -0.54 0.20	41.78 -0.13 0.31	48.67 0.20 0.39	37.83 0.04 0.26	30.40 -0.21 -0.01	23.74 -0.53 0.00	22.37 0.02 -0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.49 1.28 -6.35	23.34 1.11 -7.25	21.06 0.92 -7.14	20.88 0.86 -7.94	21.45 0.97 -6.67	22.49 1.25 -4.35	26.67 2.02 0.00	33.99 2.17 -6.25	32.45 2.43 -2.72	36.29 2.63 -4.13	38.63 3.00 -3.03	36.49 3.04 0.00	38.10 3.06 -1.00	39.06 3.29 -0.04	39.96 3.43 -0.07	44.14 3.75 -0.47	44.64 3.80 -0.04	46.64 3.93 -1.39	46.06 3.84 0.00	53.17 4.30 0.00	41.48 3.43 0.00	37.58 2.91 -4.08	27.95 2.31 -1.37	25.48 2.01 -1.13
MODEL_CITY_ENERGY 24167	16.61 -0.67 -0.42	15.07 -0.39 -0.48	12.89 -0.58 -0.47	12.05 -0.57 -0.53	13.73 -0.52 -0.44	16.46 -0.73 -0.29	23.38 -1.18 0.09	24.99 -0.90 -0.31	26.29 -1.07 -0.05	28.53 -1.09 -0.09	31.35 -1.01 0.24	32.15 -1.10 0.20	32.96 -0.78 0.30	34.48 -1.04 0.22	35.35 -0.88 0.23	38.32 -1.28 0.32	39.17 -1.35 0.29	39.22 -1.90 0.20	40.31 -1.60 0.31	46.82 -1.66 0.39	36.50 -1.29 0.25	29.48 -1.13 -0.02	22.99 -1.29 0.00	21.68 -0.67 -0.01
MODERN_LFGE___ 323580	16.61 -0.67 -0.42	15.07 -0.39 -0.48	12.89 -0.58 -0.47	12.05 -0.57 -0.53	13.73 -0.52 -0.44	16.46 -0.73 -0.29	23.38 -1.18 0.09	24.99 -0.90 -0.31	26.29 -1.07 -0.05	28.53 -1.09 -0.09	31.35 -1.01 0.24	32.15 -1.10 0.20	32.96 -0.78 0.30	34.48 -1.04 0.22	35.35 -0.88 0.23	38.32 -1.28 0.32	39.17 -1.35 0.29	39.22 -1.90 0.20	40.31 -1.60 0.31	46.82 -1.66 0.39	36.50 -1.29 0.25	29.48 -1.13 -0.02	22.99 -1.29 0.00	21.68 -0.67 -0.01
MOHAWK_PAPER___DRP 24187	26.62 0.89 -8.87	25.94 0.84 -10.12	23.68 0.71 -9.97	23.85 0.68 -11.09	23.92 0.79 -9.32	23.91 0.95 -6.07	26.10 1.45 0.00	35.86 1.56 -8.72	32.82 1.72 -3.80	37.00 1.89 -5.57	37.51 2.12 -2.79	35.55 2.11 0.00	36.62 2.08 -0.50	37.86 2.11 -0.02	38.68 2.19 -0.03	42.63 2.48 -0.24	43.36 2.53 -0.02	45.87 2.60 -1.94	44.96 2.74 0.00	52.00 3.13 0.00	40.49 2.44 0.00	37.71 1.93 -5.18	27.64 1.46 -1.91	25.19 1.27 -1.58
MONGAUP___HYD 23641	23.03 1.21 -4.96	21.72 1.08 -5.66	19.49 0.92 -5.58	19.13 0.85 -6.20	20.00 0.98 -5.21	21.45 1.16 -3.39	26.37 1.72 0.00	32.55 2.10 -4.88	31.66 2.24 -2.12	34.77 2.45 -2.79	34.50 2.74 0.84	35.82 2.37 0.00	35.17 2.35 1.22	38.30 2.61 0.04	39.08 2.70 0.08	42.38 3.03 0.57	43.82 3.06 0.05	45.80 3.39 -1.09	45.55 3.33 0.00	52.82 3.96 0.00	40.79 2.74 0.00	35.24 2.60 -2.05	27.29 1.94 -1.07	25.03 1.81 -0.88



MONTAUK___DIESEL 23721	28.83 3.19 -8.78	26.31 2.91 -8.42	22.74 2.42 -7.33	22.44 2.21 -8.14	23.13 2.47 -6.84	25.02 3.26 -4.86	36.75 5.05 -7.05	41.22 5.42 -10.22	37.26 5.90 -4.07	40.26 6.47 -4.26	43.74 7.69 -3.45	44.91 7.82 -3.64	47.51 8.07 -5.41	50.16 8.47 -5.96	51.38 8.82 -6.10	52.55 9.78 -2.84	56.01 9.92 -5.28	59.32 9.96 -8.04	62.09 10.01 -9.87	63.30 11.48 -2.95	52.89 8.98 -5.87	46.19 7.28 -8.31	38.96 5.56 -9.12	35.46 4.87 -8.25
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.92 1.55 -6.51	23.72 1.32 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.81 1.16 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	36.00 2.92 -5.78	38.11 3.13 -5.45	40.53 3.59 -4.34	39.83 3.65 -2.74	42.23 3.68 -4.51	44.12 3.93 -4.45	44.30 4.08 -3.76	45.06 4.47 -0.67	45.79 4.53 -0.46	47.38 4.63 -1.43	46.78 4.56 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.57 3.43 -4.54	29.85 2.72 -2.86	25.88 2.39 -1.16
MUNSVILLE_WIND_PWR 323609	18.81 1.20 -0.75	16.90 1.06 -0.86	14.54 0.70 -0.85	13.70 0.68 -0.94	15.43 0.83 -0.79	18.84 1.44 -0.51	26.86 2.29 0.08	28.64 2.43 -0.64	30.10 2.59 -0.20	32.66 2.84 -0.29	35.19 2.87 0.28	36.50 3.24 0.19	37.01 3.34 0.36	39.06 3.54 0.21	39.81 3.58 0.23	43.45 3.87 0.34	44.53 4.00 0.28	45.14 3.93 0.11	46.11 4.18 0.29	53.78 5.28 0.37	41.35 3.54 0.24	33.36 2.60 -0.17	26.46 2.11 -0.08	24.19 1.79 -0.07
N SALMON___HYD 24042	16.24 -0.62 0.00	14.25 -0.73 0.00	12.42 -0.57 0.00	11.53 -0.56 0.00	13.12 -0.69 0.00	16.13 -0.76 0.00	17.83 -0.86 5.95	17.63 -0.77 7.18	17.96 -0.71 8.63	18.91 -0.62 10.00	19.32 -0.62 12.66	19.39 -0.64 13.42	19.64 -0.55 13.85	19.78 -0.89 15.06	19.85 -0.95 15.66	19.64 -1.28 19.00	20.20 -1.06 19.55	20.22 -0.99 20.11	20.37 -0.89 20.96	21.57 -0.83 26.46	20.10 -0.57 17.38	19.16 -0.55 10.89	17.49 -0.65 6.13	17.16 -0.67 4.50
N.E._GEN_SANDY PD 24062	32.46 1.25 -14.35	30.60 1.11 -14.51	26.90 0.94 -12.97	28.66 0.86 -15.71	30.39 1.00 -15.58	32.35 1.23 -14.22	37.73 1.95 -11.14	35.67 2.07 -8.03	33.06 2.26 -3.50	37.17 2.45 -5.19	38.40 2.77 -3.03	40.60 2.81 -4.35	43.50 2.82 -6.64	47.00 2.96 -8.30	46.65 3.06 -7.12	46.50 3.39 -3.19	49.50 3.47 -5.22	51.00 3.55 -6.12	52.63 3.68 -6.83	54.00 4.01 -1.08	48.70 3.20 -7.45	38.40 2.63 -5.17	34.00 2.09 -7.63	32.35 1.85 -8.16
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.80 1.18 -5.76	22.58 1.03 -6.57	20.34 0.87 -6.47	20.08 0.80 -7.19	20.77 0.91 -6.05	22.00 1.16 -3.94	26.52 1.87 0.00	33.25 2.02 -5.66	32.03 2.26 -2.47	35.13 2.42 -3.17	33.88 2.77 1.49	36.29 2.84 0.00	35.13 2.82 1.73	38.71 3.04 0.06	39.52 3.17 0.12	42.58 3.47 0.82	44.29 3.55 0.07	46.26 3.68 -1.26	45.76 3.55 0.00	52.87 4.01 0.00	41.25 3.20 0.00	35.45 2.66 -2.19	27.68 2.16 -1.24	25.26 1.90 -1.02
NARROWS_GT1_1 24228	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT1_2 24229	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT1_3 24230	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT1_4 24231	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT1_5 24232	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT1_6 24233	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT1_7 24234	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT1_8 24235	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT2_1 24236	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17



NARROWS_GT2_2 24237	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT2_3 24238	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT2_4 24239	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT2_5 24240	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT2_6 24241	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT2_7 24242	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NARROWS_GT2_8 24243	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.32 4.19 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.50 4.75 -1.43	46.90 4.69 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.71 3.58 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.48 1.30 -7.32	24.50 1.17 -8.35	22.23 1.00 -8.23	22.16 0.92 -9.15	22.58 1.08 -7.69	23.19 1.28 -5.01	26.74 2.09 0.00	35.31 2.53 -7.20	33.11 2.68 -3.14	37.08 2.95 -4.59	38.22 3.36 -2.26	36.72 3.28 0.00	37.69 3.27 -0.38	39.29 3.54 -0.01	40.13 3.65 -0.03	44.25 4.15 -0.18	45.03 4.20 -0.01	47.39 4.46 -1.60	46.78 4.56 0.00	54.24 5.38 0.00	41.82 3.77 0.00	37.83 2.97 -4.26	28.01 2.16 -1.58	25.45 1.81 -1.30
NEG CAPITAL___MECHNVIL 23645	27.11 1.20 -9.06	26.35 1.03 -10.33	24.08 0.90 -10.19	24.25 0.85 -11.32	24.34 1.01 -9.51	24.33 1.23 -6.20	26.58 2.02 0.09	36.55 2.17 -8.80	33.46 2.40 -3.76	37.73 2.66 -5.54	38.09 2.87 -2.61	36.19 2.94 0.20	37.27 2.96 -0.28	38.43 2.89 0.20	39.22 2.95 0.20	43.30 3.43 0.05	44.13 3.59 0.27	46.65 3.64 -1.69	45.92 4.01 0.31	53.17 4.69 0.39	41.37 3.58 0.25	38.50 2.78 -5.12	28.18 2.04 -1.86	25.67 1.79 -1.55
NEG CENTRAL_HIGH_ACRES 23767	16.64 -0.56 -0.33	14.96 -0.40 -0.38	12.86 -0.51 -0.38	12.02 -0.48 -0.42	13.71 -0.46 -0.35	16.57 -0.56 -0.23	23.76 -0.79 0.09	25.15 -0.64 -0.22	26.57 -0.74 -0.01	28.71 -0.86 -0.03	31.44 -0.91 0.24	32.33 -0.90 0.21	33.13 -0.61 0.29	34.68 -0.82 0.24	35.41 -0.80 0.25	38.55 -1.04 0.33	39.40 -1.10 0.31	39.67 -1.41 0.24	40.71 -1.18 0.33	47.33 -1.12 0.42	36.90 -0.87 0.27	29.59 -0.98 0.03	23.31 -0.95 0.02	21.72 -0.60 0.01
NEG CENTRAL___DRP 24199	17.26 0.05 -0.34	15.46 0.09 -0.39	13.36 -0.03 -0.39	12.49 -0.02 -0.43	14.22 0.04 -0.36	17.22 0.08 -0.24	24.74 0.20 0.11	26.07 0.28 -0.21	27.51 0.22 0.01	29.81 0.27 -0.02	32.56 0.23 0.27	33.54 0.33 0.24	34.15 0.44 0.33	35.93 0.46 0.27	36.58 0.40 0.28	39.86 0.32 0.38	40.78 0.32 0.35	41.20 0.17 0.28	42.18 0.34 0.37	48.93 0.54 0.47	38.16 0.42 0.31	30.70 0.15 0.05	24.24 0.00 0.04	22.45 0.13 0.02
NEG CENTRAL___INDECK 23768	17.63 0.30 -0.46	15.88 0.37 -0.53	13.62 0.10 -0.52	12.74 0.07 -0.58	14.52 0.22 -0.49	17.52 0.30 -0.32	24.36 -0.20 0.09	25.90 -0.03 -0.35	27.23 -0.14 -0.07	29.44 -0.21 -0.11	32.06 -0.29 0.25	33.01 -0.23 0.20	33.86 0.14 0.31	35.48 -0.04 0.22	36.23 0.00 0.24	39.40 -0.20 0.33	40.31 -0.20 0.29	40.46 -0.66 0.19	41.57 -0.34 0.31	48.48 0.00 0.39	37.83 0.04 0.26	30.27 -0.37 -0.04	23.80 -0.49 -0.01	22.26 -0.09 -0.02
NEG CENTRAL___SENECA 23627	17.38 0.13 -0.39	15.62 0.19 -0.44	13.46 0.03 -0.44	12.58 0.01 -0.48	14.32 0.10 -0.41	17.33 0.17 -0.27	24.94 0.39 0.10	26.38 0.54 -0.26	27.82 0.49 -0.03	30.12 0.53 -0.06	32.90 0.55 0.26	33.86 0.63 0.22	34.54 0.82 0.31	36.31 0.82 0.25	36.97 0.77 0.26	40.29 0.72 0.35	41.18 0.69 0.32	41.58 0.50 0.24	42.59 0.72 0.34	49.46 1.03 0.43	38.60 0.84 0.28	30.98 0.40 0.01	24.41 0.15 0.02	22.67 0.34 0.00
NEG CENTRAL___STATE_STREET 24147	17.41 0.22 -0.33	15.58 0.23 -0.37	13.47 0.10 -0.37	12.59 0.10 -0.41	14.33 0.17 -0.35	17.36 0.24 -0.22	24.93 0.39 0.11	26.19 0.43 -0.19	27.69 0.41 0.02	30.03 0.50 0.00	32.77 0.46 0.29	33.76 0.57 0.25	34.34 0.65 0.34	36.16 0.71 0.29	36.82 0.66 0.30	40.16 0.64 0.40	41.08 0.65 0.37	41.59 0.58 0.31	42.54 0.72 0.40	49.34 0.98 0.50	38.44 0.72 0.33	30.93 0.40 0.07	24.47 0.24 0.05	22.62 0.31 0.03
NEG MILLWOOD___DRP 24198	25.24 1.52 -6.86	24.14 1.33 -7.83	21.79 1.08 -7.71	21.66 1.00 -8.57	22.12 1.11 -7.20	23.01 1.42 -4.70	27.01 2.37 0.00	34.93 2.61 -6.75	33.19 2.95 -2.94	37.15 3.25 -4.37	38.92 3.72 -2.60	37.19 3.74 0.00	38.55 3.84 -0.66	39.90 4.14 -0.02	40.88 4.37 -0.04	45.02 4.79 -0.31	45.52 4.69 -0.03	47.95 5.12 -1.50	47.37 5.15 0.00	54.97 6.11 0.00	42.58 4.53 0.00	38.43 3.67 -4.17	28.47 2.72 -1.48	25.84 2.28 -1.22



NEG NORTH_FLCN_SEA 23793	16.46 -0.40 0.00	14.46 -0.52 0.00	12.59 -0.40 0.00	11.69 -0.40 0.00	13.29 -0.52 0.00	16.32 -0.57 0.00	17.72 -0.59 6.33	17.48 -0.46 7.64	17.81 -0.30 9.19	18.77 -0.12 10.65	19.03 -0.07 13.51	19.06 -0.07 14.32	19.29 0.03 14.78	19.48 -0.18 16.07	19.53 -0.22 16.71	19.21 -0.44 20.28	19.68 -0.28 20.84	19.68 -0.21 21.43	19.70 -0.17 22.35	20.56 -0.10 28.21	19.52 0.00 18.53	18.84 -0.15 11.61	17.40 -0.34 6.54	17.18 -0.36 4.80
NEG NORTH_KES_CHATEGAY 23792	16.25 -0.61 0.00	14.29 -0.69 0.00	12.46 -0.53 0.00	11.57 -0.52 0.00	13.15 -0.66 0.00	16.13 -0.76 0.00	17.53 -0.89 6.23	17.29 -0.77 7.51	17.58 -0.68 9.04	18.50 -0.56 10.47	18.77 -0.55 13.28	18.79 -0.57 14.08	19.03 -0.48 14.53	19.22 -0.71 15.80	19.30 -0.73 16.43	18.99 -1.00 19.93	19.45 -0.86 20.50	19.46 -0.79 21.08	19.48 -0.76 21.97	20.34 -0.78 27.74	19.26 -0.57 18.22	18.63 -0.55 11.41	17.22 -0.63 6.43	16.99 -0.63 4.72
NEG NORTH___ALICE_FALLS 23915	16.41 -0.45 0.00	14.38 -0.60 0.00	12.54 -0.46 0.00	11.64 -0.45 0.00	13.23 -0.58 0.00	16.27 -0.62 0.00	17.69 -0.64 6.32	17.47 -0.49 7.62	17.78 -0.36 9.16	18.77 -0.15 10.62	19.03 -0.10 13.47	19.09 -0.07 14.28	19.33 0.03 14.74	19.53 -0.18 16.03	19.58 -0.22 16.67	19.18 -0.52 20.22	19.74 -0.28 20.79	19.78 -0.16 21.38	19.80 -0.13 22.29	20.63 -0.10 28.14	19.57 0.00 18.48	18.84 -0.18 11.58	17.34 -0.41 6.52	17.12 -0.43 4.79
NEG NORTH___LWR_SARANAC 23913	16.41 -0.45 0.00	14.38 -0.60 0.00	12.54 -0.46 0.00	11.64 -0.45 0.00	13.23 -0.58 0.00	16.27 -0.62 0.00	17.69 -0.64 6.32	17.47 -0.49 7.62	17.78 -0.36 9.16	18.77 -0.15 10.62	19.03 -0.10 13.47	19.09 -0.07 14.28	19.33 0.03 14.74	19.53 -0.18 16.03	19.58 -0.22 16.67	19.18 -0.52 20.22	19.74 -0.28 20.79	19.78 -0.16 21.38	19.80 -0.13 22.29	20.63 -0.10 28.14	19.57 0.00 18.48	18.84 -0.18 11.58	17.34 -0.41 6.52	17.12 -0.43 4.79
NEG NORTH___PLATTSBURG 23628	16.41 -0.45 0.00	14.38 -0.60 0.00	12.54 -0.46 0.00	11.64 -0.45 0.00	13.23 -0.58 0.00	16.27 -0.62 0.00	17.69 -0.64 6.32	17.47 -0.49 7.62	17.78 -0.36 9.16	18.77 -0.15 10.62	19.03 -0.10 13.47	19.09 -0.07 14.28	19.33 0.03 14.74	19.53 -0.18 16.03	19.58 -0.22 16.67	19.18 -0.52 20.22	19.74 -0.28 20.79	19.78 -0.16 21.38	19.80 -0.13 22.29	20.63 -0.10 28.14	19.57 0.00 18.48	18.84 -0.18 11.58	17.34 -0.41 6.52	17.12 -0.43 4.79
NEG WEST_LEA_LOCKPORT 23791	16.77 -0.51 -0.42	15.22 -0.24 -0.48	13.00 -0.47 -0.47	12.15 -0.46 -0.52	13.85 -0.40 -0.44	16.63 -0.56 -0.29	23.79 -0.76 0.09	24.99 -0.90 -0.31	26.29 -1.07 -0.05	28.56 -1.06 -0.09	31.38 -0.98 0.24	32.18 -1.07 0.19	32.96 -0.78 0.30	34.48 -1.04 0.22	35.28 -0.95 0.23	38.29 -1.32 0.32	39.13 -1.39 0.29	39.18 -1.94 0.20	40.22 -1.69 0.30	46.73 -1.76 0.38	36.50 -1.29 0.25	29.52 -1.10 -0.02	23.01 -1.26 0.00	22.01 -0.33 -0.01
NEG WEST___LANCASTR 23811	17.48 0.13 -0.48	15.83 0.30 -0.55	13.52 -0.01 -0.54	12.66 -0.02 -0.60	14.39 0.07 -0.50	17.34 0.12 -0.33	24.76 0.20 0.09	26.43 0.48 -0.37	27.79 0.41 -0.08	30.16 0.50 -0.13	33.10 0.75 0.25	33.96 0.70 0.19	34.65 0.92 0.31	36.34 0.82 0.22	37.18 0.95 0.23	40.36 0.76 0.32	41.26 0.74 0.28	41.30 0.17 0.18	42.30 0.38 0.30	49.17 0.68 0.38	38.49 0.69 0.25	31.20 0.55 -0.05	24.32 0.02 -0.02	22.87 0.51 -0.02
NEG_PENN_ALLEGHNY 23528	18.03 0.35 -0.81	16.25 0.34 -0.93	14.12 0.21 -0.91	13.29 0.19 -1.01	14.93 0.26 -0.85	17.82 0.37 -0.56	25.21 0.64 0.08	27.02 0.74 -0.71	28.27 0.74 -0.24	30.69 0.83 -0.33	33.37 0.88 0.11	34.41 0.97 0.00	34.87 1.02 0.18	36.84 1.11 0.01	37.54 1.09 0.01	40.91 1.08 0.09	41.66 1.10 0.25	42.23 0.99 0.08	43.01 1.06 0.27	49.90 1.37 0.33	38.93 1.10 0.22	31.57 0.77 -0.21	24.88 0.51 -0.10	23.00 0.58 -0.09
NEG___GEN_MONROE 24207	17.19 -0.03 -0.36	15.51 0.12 -0.41	13.27 -0.13 -0.41	12.40 -0.14 -0.45	14.19 0.00 -0.38	17.14 0.00 -0.25	24.63 0.07 0.09	26.21 0.38 -0.25	27.60 0.27 -0.03	29.77 0.18 -0.05	32.65 0.29 0.24	33.54 0.30 0.20	34.56 0.82 0.29	36.01 0.50 0.23	36.88 0.66 0.24	40.04 0.44 0.32	40.92 0.41 0.30	41.02 -0.08 0.22	42.24 0.34 0.31	49.30 0.83 0.40	38.36 0.57 0.26	30.65 0.06 0.01	24.00 -0.27 0.01	22.53 0.20 0.00
NEPA___ENERGY 23901	17.30 -0.12 -0.56	15.67 0.05 -0.64	13.47 -0.16 -0.63	12.62 -0.17 -0.70	14.31 -0.10 -0.59	17.14 -0.14 -0.38	24.39 -0.17 0.08	26.03 0.00 -0.45	27.28 -0.14 -0.12	29.53 -0.18 -0.18	32.25 -0.10 0.25	33.19 -0.07 0.19	33.72 0.00 0.32	35.42 -0.11 0.21	36.20 -0.04 0.23	39.32 -0.28 0.32	40.20 -0.33 0.28	40.46 -0.70 0.16	41.29 -0.63 0.29	47.96 -0.54 0.37	37.66 -0.15 0.24	30.50 -0.18 -0.09	23.97 -0.34 -0.04	22.44 0.07 -0.04
NEVERSINK___HYD 23608	23.11 1.16 -5.08	21.81 1.03 -5.80	19.57 0.86 -5.72	19.24 0.80 -6.35	20.08 0.93 -5.34	21.54 1.16 -3.48	26.59 1.95 0.00	32.85 2.28 -5.00	31.99 2.51 -2.18	35.30 2.69 -3.08	36.40 3.03 -0.76	36.59 3.14 0.00	36.93 3.13 0.24	39.16 3.43 0.01	39.98 3.54 0.02	43.73 3.91 0.11	44.76 3.96 0.01	46.65 4.22 -1.11	46.48 4.26 0.00	53.80 4.93 0.00	41.59 3.54 0.00	36.12 2.85 -2.67	27.56 2.19 -1.09	25.07 1.83 -0.90
NEWTON___FALLS_HYD 23847	16.51 -0.35 0.00	14.59 -0.39 0.00	12.62 -0.38 0.00	11.76 -0.33 0.00	13.41 -0.40 0.00	16.61 -0.29 0.00	20.78 -0.37 3.50	20.91 -0.46 4.20	21.59 -0.66 5.05	22.88 -0.80 5.86	24.29 -0.95 7.37	24.73 -0.90 7.81	25.03 -0.95 8.06	25.65 -1.32 8.76	25.96 -1.39 9.11	27.39 -1.48 11.06	28.01 -1.39 11.41	28.27 -1.32 11.73	28.85 -1.14 12.23	32.64 -0.78 15.44	27.15 -0.76 10.14	23.79 -0.46 6.35	20.38 -0.32 3.58	19.31 -0.40 2.63
NIAGARA_115E_LBMP 323715	16.51 -0.78 -0.42	14.99 -0.48 -0.48	12.82 -0.65 -0.48	11.99 -0.63 -0.53	13.65 -0.61 -0.45	16.34 -0.84 -0.29	23.20 -1.36 0.09	24.81 -1.07 -0.31	26.07 -1.28 -0.06	28.30 -1.33 -0.09	31.09 -1.27 0.24	31.91 -1.34 0.19	32.68 -1.06 0.30	34.19 -1.32 0.22	35.03 -1.20 0.23	37.96 -1.64 0.32	38.85 -1.67 0.29	38.85 -2.27 0.20	39.93 -1.98 0.31	46.38 -2.10 0.39	36.24 -1.56 0.25	29.27 -1.35 -0.02	22.82 -1.46 0.00	21.52 -0.83 -0.01
NIAGARA_115W_LBMP 323714	16.46 -0.83 -0.43	14.94 -0.52 -0.49	12.79 -0.69 -0.48	11.97 -0.65 -0.53	13.63 -0.64 -0.45	16.31 -0.88 -0.29	23.13 -1.43 0.09	24.71 -1.18 -0.32	25.99 -1.36 -0.06	28.21 -1.42 -0.10	30.99 -1.37 0.24	31.78 -1.47 0.19	32.55 -1.19 0.30	34.09 -1.43 0.22	34.88 -1.35 0.23	37.85 -1.76 0.32	38.69 -1.84 0.29	38.73 -2.40 0.20	39.80 -2.11 0.30	46.19 -2.30 0.38	36.09 -1.71 0.25	29.18 -1.44 -0.02	22.75 -1.53 0.00	21.43 -0.92 -0.01
NIAGARA_230_LBMP 323716	16.59 -0.69 -0.42	15.04 -0.42 -0.48	12.87 -0.60 -0.47	12.05 -0.57 -0.53	13.72 -0.54 -0.44	16.44 -0.74 -0.29	23.40 -1.16 0.09	24.94 -0.95 -0.31	26.23 -1.12 -0.05	28.47 -1.15 -0.09	31.25 -1.11 0.24	32.08 -1.17 0.19	32.82 -0.92 0.30	34.37 -1.15 0.22	35.17 -1.06 0.23	38.17 -1.44 0.32	39.05 -1.47 0.29	39.10 -2.02 0.20	40.14 -1.77 0.30	46.63 -1.86 0.38	36.43 -1.37 0.25	29.42 -1.19 -0.02	22.99 -1.29 0.00	21.63 -0.72 -0.01



NIAGARA____ 23760	16.53 -0.76 -0.42	15.00 -0.46 -0.48	12.84 -0.64 -0.48	12.00 -0.62 -0.53	13.67 -0.59 -0.45	16.37 -0.81 -0.29	23.28 -1.28 0.09	24.84 -1.05 -0.31	26.13 -1.23 -0.06	28.36 -1.27 -0.09	31.12 -1.24 0.24	31.94 -1.30 0.19	32.72 -1.02 0.30	34.23 -1.29 0.22	35.03 -1.20 0.23	38.00 -1.60 0.32	38.89 -1.63 0.29	38.93 -2.19 0.20	39.97 -1.94 0.30	46.43 -2.05 0.38	36.27 -1.52 0.25	29.30 -1.31 -0.02	22.87 -1.41 0.00	21.54 -0.80 -0.01
NINE_MILE_1 23575	16.75 -0.25 -0.14	14.93 -0.21 -0.16	12.94 -0.22 -0.16	12.06 -0.21 -0.18	13.74 -0.22 -0.15	16.74 -0.25 -0.10	24.08 -0.49 0.08	25.18 -0.54 -0.14	26.76 -0.60 -0.06	28.97 -0.65 -0.09	31.89 -0.75 -0.03	32.71 -0.74 0.00	33.32 -0.72 0.00	34.99 -0.75 0.00	35.66 -0.80 0.00	39.01 -0.92 0.00	39.87 -0.94 0.00	40.36 -0.99 -0.03	41.25 -0.97 0.00	47.79 -1.08 0.00	37.21 -0.84 0.00	29.97 -0.70 -0.08	23.72 -0.58 -0.03	21.89 -0.47 -0.03
NINE_MILE_2 23744	16.75 -0.25 -0.14	14.93 -0.21 -0.16	12.94 -0.22 -0.16	12.06 -0.21 -0.18	13.74 -0.22 -0.15	16.74 -0.25 -0.10	24.08 -0.49 0.08	25.18 -0.54 -0.14	26.76 -0.60 -0.06	28.97 -0.65 -0.09	31.89 -0.75 -0.03	32.71 -0.74 0.00	33.32 -0.72 0.00	34.99 -0.75 0.00	35.66 -0.80 0.00	39.01 -0.92 0.00	39.87 -0.94 0.00	40.36 -0.99 -0.03	41.25 -0.97 0.00	47.79 -1.08 0.00	37.21 -0.84 0.00	29.97 -0.70 -0.08	23.72 -0.58 -0.03	21.89 -0.47 -0.03
NM_CAPITAL____DRP 24208	26.46 0.78 -8.82	25.81 0.76 -10.06	23.56 0.65 -9.92	23.72 0.60 -11.02	23.78 0.70 -9.26	23.78 0.84 -6.04	25.90 1.26 0.00	35.58 1.33 -8.67	32.55 1.47 -3.78	36.70 1.62 -5.54	37.25 1.86 -2.79	35.22 1.77 0.00	36.32 1.77 -0.51	37.54 1.79 -0.02	38.36 1.86 -0.03	42.28 2.11 -0.24	42.99 2.16 -0.02	45.48 2.23 -1.93	44.54 2.32 0.00	51.45 2.59 0.00	40.06 2.02 0.00	37.41 1.65 -5.16	27.44 1.26 -1.90	25.00 1.09 -1.57
NM_CENTRAL____DRP 24181	17.08 0.03 -0.19	15.25 0.06 -0.21	13.19 -0.01 -0.21	12.31 -0.01 -0.23	14.02 0.01 -0.20	17.09 0.07 -0.13	24.52 0.05 0.17	25.60 0.05 0.03	27.10 -0.03 0.17	29.30 -0.06 0.18	32.18 -0.10 0.33	33.02 -0.03 0.39	33.63 0.00 0.40	35.33 0.04 0.44	35.97 -0.04 0.46	39.29 -0.08 0.55	40.16 -0.08 0.57	40.61 -0.16 0.55	41.52 -0.08 0.61	48.05 -0.05 0.77	37.47 -0.08 0.51	30.29 -0.09 0.21	24.07 -0.07 0.14	22.24 0.00 0.10
NM_FRONTIER____DRP 24179	16.46 -0.83 -0.43	14.94 -0.52 -0.49	12.79 -0.69 -0.48	11.97 -0.65 -0.53	13.63 -0.64 -0.45	16.31 -0.88 -0.29	23.13 -1.43 0.09	24.71 -1.18 -0.32	25.99 -1.36 -0.06	28.21 -1.42 -0.10	30.99 -1.37 0.24	31.78 -1.47 0.19	32.55 -1.19 0.30	34.09 -1.43 0.22	34.88 -1.35 0.23	37.85 -1.76 0.32	38.69 -1.84 0.29	38.73 -2.40 0.20	39.80 -2.11 0.30	46.19 -2.30 0.38	36.09 -1.71 0.25	29.18 -1.44 -0.02	22.75 -1.53 0.00	21.43 -0.92 -0.01
NM_ST_REGIS____HYD 24053	16.07 -0.79 0.00	14.14 -0.84 0.00	12.32 -0.68 0.00	11.46 -0.63 0.00	13.04 -0.77 0.00	16.07 -0.83 0.00	18.28 -1.06 5.31	18.02 -1.18 6.38	18.21 -1.42 7.67	19.05 -1.60 8.89	19.64 -1.76 11.20	19.77 -1.81 11.87	19.92 -1.87 12.25	19.98 -2.43 13.32	20.09 -2.52 13.85	20.28 -2.83 16.81	20.78 -2.69 17.33	20.98 -2.52 17.82	21.23 -2.40 18.58	23.21 -2.20 23.46	20.97 -1.67 15.40	19.78 -1.16 9.65	17.92 -0.92 5.44	17.38 -0.96 3.99
NORTHPORT____1 23551	27.67 2.11 -8.70	25.21 1.84 -8.39	21.91 1.58 -7.33	21.67 1.44 -8.14	22.27 1.62 -6.84	23.87 2.13 -4.85	35.02 3.28 -7.10	39.25 3.43 -10.25	35.11 3.74 -4.07	37.75 3.96 -4.26	40.29 4.27 -3.42	41.33 4.38 -3.51	43.58 4.29 -5.25	46.02 4.54 -5.75	46.94 4.59 -5.88	47.66 5.03 -2.71	51.09 5.18 -5.10	54.50 5.37 -7.81	57.05 5.32 -9.52	57.72 6.01 -2.84	48.27 4.87 -5.35	42.83 4.07 -8.16	36.56 3.35 -8.93	33.38 3.04 -8.01
NORTHPORT____2 23552	27.67 2.11 -8.70	25.21 1.84 -8.39	21.91 1.58 -7.33	21.67 1.44 -8.14	22.27 1.62 -6.84	23.87 2.13 -4.85	35.02 3.28 -7.10	39.25 3.43 -10.25	35.11 3.74 -4.07	37.75 3.96 -4.26	40.29 4.27 -3.42	41.33 4.38 -3.51	43.58 4.29 -5.25	46.02 4.54 -5.75	46.94 4.59 -5.88	47.66 5.03 -2.71	51.09 5.18 -5.10	54.50 5.37 -7.81	57.05 5.32 -9.52	57.72 6.01 -2.84	48.27 4.87 -5.35	42.83 4.07 -8.16	36.56 3.35 -8.93	33.38 3.04 -8.01
NORTHPORT____3 23553	27.46 1.92 -8.68	25.04 1.68 -8.38	21.74 1.42 -7.33	21.51 1.28 -8.14	22.09 1.44 -6.84	23.64 1.89 -4.85	34.65 2.96 -7.05	38.98 3.20 -10.21	34.81 3.44 -4.07	37.52 3.72 -4.26	40.29 4.27 -3.42	41.29 4.35 -3.50	43.57 4.29 -5.24	46.08 4.61 -5.73	47.10 4.78 -5.87	47.89 5.27 -2.70	51.24 5.34 -5.08	54.61 5.50 -7.79	57.11 5.41 -9.49	57.86 6.16 -2.83	48.27 4.91 -5.31	42.85 4.10 -8.15	36.43 3.25 -8.90	33.17 2.88 -7.95
NORTHPORT____4 23650	27.46 1.92 -8.68	25.04 1.68 -8.38	21.74 1.42 -7.33	21.51 1.28 -8.14	22.09 1.44 -6.84	23.64 1.89 -4.85	34.65 2.96 -7.05	38.98 3.20 -10.21	34.81 3.44 -4.07	37.52 3.72 -4.26	40.29 4.27 -3.42	41.29 4.35 -3.50	43.57 4.29 -5.24	46.08 4.61 -5.73	47.10 4.78 -5.87	47.89 5.27 -2.70	51.24 5.34 -5.08	54.61 5.50 -7.79	57.11 5.41 -9.49	57.86 6.16 -2.83	48.27 4.91 -5.31	42.85 4.10 -8.15	36.43 3.25 -8.90	33.17 2.88 -7.95
NORTHPORT____IC 23718	27.67 2.11 -8.70	25.21 1.84 -8.39	21.91 1.58 -7.33	21.67 1.44 -8.14	22.27 1.62 -6.84	23.87 2.13 -4.85	35.02 3.28 -7.10	39.25 3.43 -10.25	35.11 3.74 -4.07	37.75 3.96 -4.26	40.29 4.27 -3.42	41.33 4.38 -3.51	43.58 4.29 -5.25	46.02 4.54 -5.75	46.94 4.59 -5.88	47.66 5.03 -2.71	51.09 5.18 -5.10	54.50 5.37 -7.81	57.05 5.32 -9.52	57.72 6.01 -2.84	48.27 4.87 -5.35	42.83 4.07 -8.16	36.56 3.35 -8.93	33.38 3.04 -8.01
NPX_GEN_1385_PROXY 323591	28.08 2.51 -8.70	25.45 2.08 -8.39	23.94 1.97 -8.97	24.65 1.80 -10.76	25.98 2.03 -10.13	29.75 2.63 -10.22	41.78 4.02 -13.12	43.35 4.19 -13.58	35.55 4.18 -4.07	38.20 4.40 -4.26	40.59 4.56 -3.42	42.07 5.12 -3.51	43.95 4.66 -5.25	46.45 4.97 -5.75	46.94 4.59 -5.88	47.42 4.79 -2.71	51.38 5.47 -5.10	55.12 5.99 -7.81	57.90 6.16 -9.52	58.60 6.89 -2.84	49.37 5.97 -5.35	42.95 4.19 -8.16	36.70 3.50 -8.93	33.65 3.31 -8.01
NPX_GEN_CSC 323557	27.95 2.31 -8.78	25.47 2.07 -8.42	22.07 1.74 -7.33	21.80 1.57 -8.14	22.43 1.77 -6.84	24.09 2.33 -4.86	35.32 3.62 -7.05	39.63 3.83 -10.22	35.57 4.20 -4.07	38.34 4.55 -4.26	41.27 5.21 -3.45	42.33 5.25 -3.63	44.74 5.31 -5.40	47.30 5.61 -5.95	48.35 5.80 -6.09	49.19 6.43 -2.84	52.61 6.53 -5.28	55.97 6.61 -8.03	58.70 6.63 -9.85	59.33 7.52 -2.94	49.87 5.97 -5.84	43.95 5.05 -8.30	37.35 3.96 -9.11	34.10 3.53 -8.24
NSINS_S_GLNS_FALLS 23858	27.16 1.30 -9.00	26.36 1.11 -10.27	24.08 0.96 -10.12	24.25 0.91 -11.25	24.35 1.08 -9.45	24.39 1.33 -6.16	26.78 2.22 0.08	36.73 2.40 -8.75	33.71 2.68 -3.73	38.00 2.95 -5.51	38.24 3.00 -2.64	36.40 3.14 0.19	37.51 3.17 -0.30	38.51 2.96 0.20	39.30 3.02 0.19	43.44 3.55 0.03	44.43 3.88 0.26	46.94 3.93 -1.69	46.39 4.47 0.30	53.72 5.23 0.38	41.80 3.99 0.25	38.79 3.09 -5.10	28.39 2.26 -1.85	25.86 1.99 -1.54



NUCOR_STEEL____DRP 24197	17.38 0.20 -0.31	15.53 0.19 -0.36	13.45 0.10 -0.35	12.57 0.09 -0.39	14.30 0.15 -0.33	17.31 0.20 -0.22	24.83 0.30 0.12	26.08 0.33 -0.17	27.57 0.30 0.03	29.87 0.36 0.02	32.64 0.33 0.29	33.59 0.40 0.26	34.17 0.48 0.34	35.98 0.54 0.29	36.63 0.47 0.31	39.96 0.44 0.40	40.88 0.45 0.38	41.37 0.37 0.32	42.32 0.51 0.41	49.04 0.68 0.51	38.25 0.53 0.34	30.83 0.31 0.08	24.42 0.19 0.05	22.57 0.27 0.03
NYISO_LBMP_REFERENCE 24008	16.86 0.00 0.00	14.98 0.00 0.00	13.00 0.00 0.00	12.09 0.00 0.00	13.81 0.00 0.00	16.89 0.00 0.00	24.65 0.00 0.00	25.57 0.00 0.00	27.30 0.00 0.00	29.53 0.00 0.00	32.60 0.00 0.00	33.44 0.00 0.00	34.04 0.00 0.00	35.74 0.00 0.00	36.46 0.00 0.00	39.92 0.00 0.00	40.81 0.00 0.00	41.32 0.00 0.00	42.22 0.00 0.00	48.87 0.00 0.00	38.05 0.00 0.00	30.60 0.00 0.00	24.28 0.00 0.00	22.34 0.00 0.00
NYPA_BRENTWD____GT 24164	27.95 2.21 -8.89	25.38 1.93 -8.47	21.96 1.64 -7.33	21.72 1.49 -8.14	22.33 1.67 -6.84	23.98 2.21 -4.87	35.08 3.45 -6.99	39.39 3.63 -10.19	35.34 3.99 -4.06	38.05 4.25 -4.26	40.89 4.79 -3.49	42.00 4.75 -3.81	44.37 4.73 -5.61	46.73 4.75 -6.23	47.73 4.89 -6.38	48.33 5.39 -3.02	51.84 5.51 -5.53	55.29 5.62 -8.36	58.12 5.57 -10.33	58.21 6.26 -3.08	49.63 5.02 -6.56	43.57 4.47 -8.51	37.32 3.67 -9.38	34.19 3.28 -8.57
NYPA_GOWANUS____GT5 24156	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.29 4.16 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.46 4.71 -1.43	46.86 4.64 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.68 3.55 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NYPA_GOWANUS____GT6 24157	25.03 1.65 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.87 1.22 -6.84	22.93 1.57 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.12 4.04 -4.35	44.29 4.16 -3.67	45.14 4.55 -0.66	45.82 4.57 -0.45	47.46 4.71 -1.43	46.86 4.64 0.00	53.90 5.03 0.00	42.31 4.26 0.00	38.68 3.55 -4.54	29.94 2.84 -2.82	26.05 2.55 -1.17
NYPA_HARLEM__RVR_GT1 24160	25.01 1.64 -6.51	23.86 1.45 -7.43	21.57 1.25 -7.32	21.38 1.15 -8.14	21.98 1.33 -6.84	23.06 1.71 -4.46	27.14 2.49 -0.01	34.67 2.68 -6.41	38.44 3.00 -8.14	37.05 3.16 -4.36	41.40 3.59 -5.21	37.18 3.68 -0.06	38.91 3.71 -1.17	39.81 3.93 -0.14	40.83 4.12 -0.25	44.97 4.39 -0.65	45.60 4.37 -0.43	47.38 4.63 -1.43	46.90 4.69 0.00	53.61 4.74 0.00	42.35 4.30 0.00	38.60 3.49 -4.52	30.70 2.81 -3.61	26.00 2.50 -1.17
NYPA_HARLEM__RVR_GT2 24161	25.01 1.64 -6.51	23.86 1.45 -7.43	21.57 1.25 -7.32	21.38 1.15 -8.14	21.98 1.33 -6.84	23.06 1.71 -4.46	27.14 2.49 -0.01	34.67 2.68 -6.41	38.44 3.00 -8.14	37.05 3.16 -4.36	41.40 3.59 -5.21	37.18 3.68 -0.06	38.91 3.71 -1.17	39.81 3.93 -0.14	40.83 4.12 -0.25	44.97 4.39 -0.65	45.60 4.37 -0.43	47.38 4.63 -1.43	46.90 4.69 0.00	53.61 4.74 0.00	42.35 4.30 0.00	38.60 3.49 -4.52	30.70 2.81 -3.61	26.00 2.50 -1.17
NYPA_KENT____GT 24152	25.01 1.64 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.89 1.23 -6.84	22.95 1.59 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.17 3.22 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.21 3.74 -4.43	44.09 4.00 -4.35	44.29 4.16 -3.67	45.10 4.51 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.82 4.60 0.00	53.85 4.99 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.03 2.52 -1.17
NYPA_POUCH1____GT 24155	24.99 1.62 -6.51	23.78 1.36 -7.43	21.46 1.14 -7.32	21.27 1.04 -8.14	21.84 1.19 -6.84	22.88 1.52 -4.46	27.12 2.46 -0.01	34.62 2.63 -6.41	35.94 2.89 -5.75	38.10 3.13 -5.44	40.46 3.52 -4.34	40.08 3.58 -3.06	44.42 3.68 -6.71	47.10 3.90 -7.47	47.39 4.05 -6.88	48.56 4.43 -4.21	49.61 4.45 -4.35	51.71 4.63 -5.77	51.16 4.56 -4.39	59.70 4.93 -5.90	42.24 4.19 0.00	38.67 3.49 -4.59	29.88 2.77 -2.84	26.00 2.50 -1.17
NYPA_VERNON____GT2 24162	25.01 1.64 -6.51	23.82 1.41 -7.43	21.50 1.18 -7.33	21.32 1.09 -8.14	21.90 1.24 -6.84	22.96 1.61 -4.46	27.22 2.56 -0.01	34.74 2.76 -6.41	36.04 3.03 -5.71	38.17 3.22 -5.42	40.57 3.65 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.09 4.00 -4.35	44.29 4.16 -3.67	45.14 4.55 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.82 4.60 0.00	53.80 4.93 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.00 2.50 -1.17
NYPA_VERNON____GT3 24163	25.01 1.64 -6.51	23.82 1.41 -7.43	21.50 1.18 -7.33	21.32 1.09 -8.14	21.90 1.24 -6.84	22.96 1.61 -4.46	27.22 2.56 -0.01	34.74 2.76 -6.41	36.04 3.03 -5.71	38.17 3.22 -5.42	40.57 3.65 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.09 4.00 -4.35	44.29 4.16 -3.67	45.14 4.55 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.82 4.60 0.00	53.80 4.93 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.00 2.50 -1.17
NYPA____ASTORIA_CC1 323568	25.01 1.64 -6.51	23.82 1.41 -7.43	21.50 1.18 -7.32	21.32 1.09 -8.14	21.90 1.24 -6.84	22.98 1.62 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.51 3.59 -4.32	39.80 3.68 -2.68	42.18 3.71 -4.43	44.05 3.97 -4.35	44.25 4.12 -3.67	45.10 4.51 -0.66	45.74 4.49 -0.45	47.38 4.63 -1.43	46.78 4.56 0.00	53.71 4.84 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.00 2.50 -1.17
NYPA____ASTORIA_CC2 323569	25.01 1.64 -6.51	23.82 1.41 -7.43	21.50 1.18 -7.32	21.32 1.09 -8.14	21.90 1.24 -6.84	22.98 1.62 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.51 3.59 -4.32	39.80 3.68 -2.68	42.18 3.71 -4.43	44.05 3.97 -4.35	44.25 4.12 -3.67	45.10 4.51 -0.66	45.74 4.49 -0.45	47.38 4.63 -1.43	46.78 4.56 0.00	53.71 4.84 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.00 2.50 -1.17
NYPA____HOLTSVILL 23794	27.77 2.14 -8.77	25.30 1.90 -8.42	21.92 1.60 -7.33	21.68 1.45 -8.14	22.27 1.62 -6.84	23.90 2.15 -4.86	35.03 3.33 -7.06	39.33 3.53 -10.22	35.24 3.87 -4.07	37.93 4.13 -4.26	40.74 4.70 -3.45	41.78 4.72 -3.62	44.12 4.70 -5.38	46.63 4.97 -5.93	47.63 5.10 -6.07	48.38 5.63 -2.82	51.78 5.71 -5.26	55.16 5.83 -8.01	57.82 5.78 -9.82	58.35 6.55 -2.93	49.10 5.25 -5.79	43.39 4.50 -8.29	36.96 3.59 -9.09	33.77 3.22 -8.22
NYPA____HELLGATE_GT1 24158	25.01 1.64 -6.51	23.86 1.45 -7.43	21.57 1.25 -7.32	21.38 1.15 -8.14	21.98 1.33 -6.84	23.06 1.71 -4.46	27.14 2.49 -0.01	34.67 2.68 -6.41	33.38 3.00 -3.08	39.09 3.16 -6.40	39.53 3.59 -3.34	37.62 3.68 -0.49	39.46 3.71 -1.71	40.51 3.93 -0.84	41.40 4.12 -0.82	45.00 4.43 -0.65	45.64 4.41 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.66 4.79 0.00	42.39 4.34 0.00	38.60 3.49 -4.52	29.02 2.81 -1.93	26.00 2.50 -1.17



NYPA_____HELLGATE_GT2 24159	25.01	23.86	21.57	21.38	21.98	23.06	27.14	34.67	33.38	39.09	39.53	37.62	39.46	40.51	41.40	45.00	45.64	47.42	46.94	53.66	42.39	38.60	29.02	26.00
	1.64	1.45	1.25	1.15	1.33	1.71	2.49	2.68	3.00	3.16	3.59	3.68	3.71	3.93	4.12	4.43	4.41	4.67	4.73	4.79	4.34	3.49	2.81	2.50
	-6.51	-7.43	-7.32	-8.14	-6.84	-4.46	-0.01	-6.41	-3.08	-6.40	-3.34	-0.49	-1.71	-0.84	-0.82	-0.65	-0.43	-1.43	0.00	0.00	0.00	-4.52	-1.93	-1.17
NYS_BARGE____HYD 23848	16.79	15.23	13.01	12.15	13.85	16.64	23.67	25.32	26.62	28.89	31.77	32.58	33.43	34.94	35.86	38.88	39.79	39.76	40.90	47.55	36.99	29.88	23.26	21.94
	-0.49	-0.22	-0.46	-0.46	-0.40	-0.54	-0.89	-0.56	-0.74	-0.74	-0.59	-0.67	-0.31	-0.57	-0.36	-0.72	-0.73	-1.36	-1.01	-0.93	-0.80	-0.73	-1.02	-0.40
	-0.42	-0.48	-0.47	-0.52	-0.44	-0.29	0.09	-0.30	-0.05	-0.09	0.24	0.20	0.30	0.22	0.24	0.32	0.29	0.20	0.31	0.39	0.25	-0.02	0.00	-0.01
O.H._GEN_BRUCE 24063	16.80	15.22	13.05	12.21	13.89	16.45	19.16	23.97	23.97	22.97	22.97	22.97	26.67	29.97	29.97	29.97	29.97	29.97	29.97	29.97	26.25	24.97	21.88	19.51
	-0.52	-0.29	-0.47	-0.46	-0.41	-0.56	-0.86	-0.67	-0.82	-0.89	-0.81	-0.87	-0.65	-0.86	-0.77	-1.12	-1.14	-1.65	-1.44	-1.46	-1.03	-0.89	-1.02	-0.49
	-0.46	-0.53	-0.52	-0.58	-0.49	-0.11	4.62	0.94	2.51	5.68	8.82	9.60	6.72	4.91	5.73	8.83	9.70	9.70	10.81	17.43	10.77	4.74	1.38	2.33
OAK ORCHARD____HYD 24046	16.92	15.23	13.09	12.21	13.94	16.81	24.09	25.53	26.91	29.05	31.84	32.74	33.61	35.15	35.97	39.12	39.98	40.18	41.27	48.03	37.44	30.03	23.63	22.11
	-0.29	-0.15	-0.30	-0.31	-0.23	-0.32	-0.47	-0.28	-0.41	-0.53	-0.52	-0.50	-0.14	-0.36	-0.25	-0.48	-0.53	-0.91	-0.63	-0.44	-0.34	-0.55	-0.63	-0.22
	-0.35	-0.40	-0.39	-0.43	-0.37	-0.24	0.09	-0.23	-0.02	-0.05	0.24	0.20	0.29	0.23	0.24	0.32	0.30	0.23	0.32	0.40	0.26	0.02	0.02	0.01
OCC_CHEM____DRP 24175	16.55	15.03	12.85	12.02	13.68	16.39	23.28	24.87	26.16	28.39	31.19	31.98	32.79	34.30	35.10	38.08	38.97	38.97	40.06	46.48	36.31	29.36	22.90	21.56
	-0.74	-0.43	-0.62	-0.60	-0.58	-0.79	-1.28	-1.02	-1.20	-1.24	-1.17	-1.27	-0.95	-1.22	-1.13	-1.52	-1.55	-2.15	-1.86	-2.01	-1.48	-1.26	-1.38	-0.78
	-0.43	-0.49	-0.48	-0.54	-0.45	-0.29	0.09	-0.32	-0.06	-0.10	0.24	0.19	0.30	0.22	0.23	0.32	0.29	0.20	0.30	0.38	0.25	-0.02	0.00	-0.01
OLIN_CORP_DRP 24177	16.55	15.03	12.85	12.02	13.68	16.39	23.28	24.87	26.16	28.39	31.19	31.98	32.79	34.30	35.10	38.08	38.97	38.97	40.06	46.48	36.31	29.36	22.90	21.56
	-0.74	-0.43	-0.62	-0.60	-0.58	-0.79	-1.28	-1.02	-1.20	-1.24	-1.17	-1.27	-0.95	-1.22	-1.13	-1.52	-1.55	-2.15	-1.86	-2.01	-1.48	-1.26	-1.38	-0.78
	-0.43	-0.49	-0.48	-0.54	-0.45	-0.29	0.09	-0.32	-0.06	-0.10	0.24	0.19	0.30	0.22	0.23	0.32	0.29	0.20	0.30	0.38	0.25	-0.02	0.00	-0.01
OLIN_CORP_DSASP 323712	16.55	15.03	12.85	12.02	13.68	16.39	23.28	24.87	26.16	28.39	31.19	31.98	32.79	34.30	35.10	38.08	38.97	38.97	40.06	46.48	36.31	29.36	22.90	21.56
	-0.74	-0.43	-0.62	-0.60	-0.58	-0.79	-1.28	-1.02	-1.20	-1.24	-1.17	-1.27	-0.95	-1.22	-1.13	-1.52	-1.55	-2.15	-1.86	-2.01	-1.48	-1.26	-1.38	-0.78
	-0.43	-0.49	-0.48	-0.54	-0.45	-0.29	0.09	-0.32	-0.06	-0.10	0.24	0.19	0.30	0.22	0.23	0.32	0.29	0.20	0.30	0.38	0.25	-0.02	0.00	-0.01
ONEIDA_HERK_LFGE 323681	17.22	15.26	13.16	12.26	14.02	17.35	24.56	25.36	26.95	29.07	31.75	32.62	33.21	34.77	35.39	38.56	39.43	39.84	40.74	47.12	36.87	29.99	24.17	22.27
	0.35	0.28	0.17	0.17	0.21	0.46	0.69	0.72	0.76	0.83	0.78	0.90	0.95	0.97	0.95	1.08	1.14	1.12	1.23	1.66	1.06	0.79	0.68	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.93	1.12	1.29	1.63	1.73	1.78	1.94	2.01	2.44	2.52	2.59	2.70	3.41	2.24	1.40	0.79	0.58
ONONDAGA_REF_OCCRA 23987	17.26	15.42	13.35	12.46	14.19	17.24	24.74	25.87	27.38	29.60	32.38	33.34	33.90	35.68	36.32	39.66	40.56	41.08	41.94	48.59	37.88	30.58	24.30	22.42
	0.15	0.15	0.07	0.06	0.11	0.17	0.25	0.23	0.19	0.18	0.13	0.24	0.27	0.32	0.26	0.24	0.25	0.21	0.25	0.39	0.27	0.15	0.12	0.16
	-0.25	-0.29	-0.28	-0.32	-0.26	-0.17	0.15	-0.07	0.11	0.11	0.35	0.34	0.41	0.38	0.40	0.50	0.49	0.45	0.53	0.67	0.44	0.17	0.10	0.07
ONONDAGA____COGEN 23986	17.21	15.39	13.32	12.44	14.16	17.20	24.66	25.66	27.13	29.36	32.11	33.03	33.63	35.39	36.02	39.34	40.19	40.71	41.61	48.16	37.57	30.36	24.21	22.37
	0.10	0.12	0.04	0.04	0.08	0.13	0.15	0.00	-0.08	-0.09	-0.16	-0.10	-0.03	0.00	-0.07	-0.12	-0.16	-0.21	-0.13	-0.10	-0.08	-0.09	0.02	0.09
	-0.25	-0.29	-0.28	-0.32	-0.26	-0.17	0.14	-0.08	0.09	0.09	0.33	0.31	0.38	0.35	0.37	0.47	0.45	0.41	0.49	0.61	0.40	0.15	0.09	0.06
ONTARIO____LFGE 23819	17.38	15.62	13.46	12.58	14.32	17.33	24.94	26.38	27.82	30.12	32.90	33.86	34.54	36.31	36.97	40.29	41.18	41.58	42.59	49.46	38.60	30.98	24.41	22.67
	0.13	0.19	0.03	0.01	0.10	0.17	0.39	0.54	0.49	0.53	0.55	0.63	0.82	0.82	0.77	0.72	0.69	0.50	0.72	1.03	0.84	0.40	0.15	0.34
	-0.39	-0.44	-0.44	-0.48	-0.41	-0.27	0.10	-0.26	-0.03	-0.06	0.26	0.22	0.31	0.25	0.26	0.35	0.32	0.24	0.34	0.43	0.28	0.01	0.02	0.00
ORANGEVILLE_WT_PWR 323706	17.30	15.66	13.41	12.55	14.26	17.15	24.46	26.08	27.41	29.79	32.58	33.45	34.17	35.87	36.63	39.80	40.77	40.85	41.87	48.68	38.03	30.74	23.98	22.54
	-0.05	0.12	-0.14	-0.16	-0.07	-0.08	-0.10	0.13	0.03	0.12	0.23	0.20	0.44	0.36	0.40	0.20	0.25	-0.29	-0.04	0.20	0.23	0.09	-0.32	0.18
	-0.49	-0.56	-0.55	-0.62	-0.52	-0.34	0.09	-0.38	-0.09	-0.14	0.25	0.19	0.31	0.22	0.23	0.33	0.29	0.18	0.30	0.38	0.25	-0.05	-0.02	-0.02
OSWEGATCHIE____HYD 24044	16.51	14.59	12.62	11.76	13.41	16.61	20.78	20.91	21.59	22.88	24.29	24.73	25.03	25.65	25.96	27.39	28.01	28.27	28.85	32.64	27.15	23.79	20.38	19.31
	-0.35	-0.39	-0.38	-0.33	-0.40	-0.29	-0.37	-0.46	-0.66	-0.80	-0.95	-0.90	-0.95	-1.32	-1.39	-1.48	-1.39	-1.32	-1.14	-0.78	-0.76	-0.46	-0.32	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	3.50	4.20	5.05	5.86	7.37	7.81	8.06	8.76	9.11	11.06	11.41	11.73	12.23	15.44	10.14	6.35	3.58	2.63
OSWEGO____5 23606	16.86	15.05	13.03	12.15	13.85	16.86	24.24	25.27	26.83	29.05	31.93	32.74	33.35	35.01	35.68	39.00	39.86	40.36	41.23	47.74	37.22	30.01	23.81	21.99
	-0.17	-0.12	-0.16	-0.14	-0.14	-0.15	-0.32	-0.36	-0.41	-0.44	-0.52	-0.50	-0.48	-0.50	-0.55	-0.64	-0.65	-0.70	-0.68	-0.73	-0.57	-0.52	-0.41	-0.31
	-0.17	-0.19	-0.19	-0.21	-0.18	-0.11	0.09	-0.06	0.06	0.05	0.15	0.20	0.21	0.22	0.23	0.28	0.29	0.26	0.31	0.39	0.26	0.07	0.05	0.04
OSWEGO____6 23613	16.86	15.05	13.03	12.15	13.85	16.86	24.24	25.27	26.83	29.05	31.93	32.74	33.35	35.01	35.68	39.00	39.86	40.36	41.23	47.74	37.22	30.01	23.81	21.99
	-0.17	-0.12	-0.16	-0.14	-0.14	-0.15	-0.32	-0.36	-0.41	-0.44	-0.52	-0.50	-0.48	-0.50	-0.55	-0.64	-0.65	-0.70	-0.68	-0.73	-0.57	-0.52	-0.41	-0.31
	-0.17	-0.19	-0.19	-0.21	-0.18	-0.11	0.09	-0.06	0.06	0.05	0.15	0.20	0.21	0.22	0.23	0.28	0.29	0.26	0.31	0.39	0.26	0.07	0.05	0.04



OUTOKUMPU-AB___DRP 24206	17.04 -0.25 -0.43	15.47 0.00 -0.49	13.20 -0.29 -0.49	12.33 -0.30 -0.54	14.03 -0.23 -0.45	16.89 -0.30 -0.30	24.04 -0.52 0.09	25.72 -0.18 -0.32	27.06 -0.30 -0.06	29.46 -0.18 -0.10	32.42 0.07 0.24	33.22 -0.03 0.19	34.08 0.34 0.30	35.55 0.04 0.22	36.41 0.18 0.23	39.48 -0.12 0.32	40.36 -0.16 0.29	40.30 -0.83 0.20	41.45 -0.46 0.30	48.14 -0.34 0.38	37.53 -0.26 0.25	30.47 -0.15 -0.02	23.65 -0.63 0.00	22.30 -0.04 -0.01
OXBOW____ 24026	16.82 -0.47 -0.43	15.28 -0.20 -0.49	13.05 -0.43 -0.48	12.19 -0.43 -0.54	13.89 -0.37 -0.45	16.67 -0.52 -0.29	23.72 -0.84 0.09	25.35 -0.54 -0.32	26.68 -0.68 -0.06	29.01 -0.62 -0.10	31.90 -0.46 0.24	32.71 -0.54 0.19	33.53 -0.20 0.30	35.05 -0.47 0.22	35.90 -0.33 0.23	38.92 -0.68 0.32	39.79 -0.73 0.29	39.76 -1.36 0.20	40.86 -1.05 0.30	47.45 -1.03 0.38	37.04 -0.76 0.25	30.01 -0.61 -0.02	23.33 -0.95 0.00	21.99 -0.36 -0.01
OXY_CHEM_DSASP 323612	16.55 -0.74 -0.43	15.03 -0.43 -0.49	12.85 -0.62 -0.48	12.02 -0.60 -0.54	13.68 -0.58 -0.45	16.39 -0.79 -0.29	23.28 -1.28 0.09	24.87 -1.02 -0.32	26.16 -1.20 -0.06	28.39 -1.24 -0.10	31.19 -1.17 0.24	31.98 -1.27 0.19	32.79 -0.95 0.30	34.30 -1.22 0.22	35.10 -1.13 0.23	38.08 -1.52 0.32	38.97 -1.55 0.29	38.97 -2.15 0.20	40.06 -1.86 0.30	46.48 -2.01 0.38	36.31 -1.48 0.25	29.36 -1.26 -0.02	22.90 -1.38 0.00	21.56 -0.78 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.55 -0.74 -0.43	15.03 -0.43 -0.49	12.85 -0.62 -0.48	12.02 -0.60 -0.54	13.68 -0.58 -0.45	16.39 -0.79 -0.29	23.28 -1.28 0.09	24.87 -1.02 -0.32	26.16 -1.20 -0.06	28.39 -1.24 -0.10	31.19 -1.17 0.24	31.98 -1.27 0.19	32.79 -0.95 0.30	34.30 -1.22 0.22	35.10 -1.13 0.23	38.08 -1.52 0.32	38.97 -1.55 0.29	38.97 -2.15 0.20	40.06 -1.86 0.30	46.48 -2.01 0.38	36.31 -1.48 0.25	29.36 -1.26 -0.02	22.90 -1.38 0.00	21.56 -0.78 -0.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.98 1.60 -6.51	23.82 1.41 -7.43	21.52 1.19 -7.32	21.34 1.11 -8.14	21.93 1.27 -6.84	23.01 1.66 -4.46	27.09 2.44 -0.01	34.64 2.66 -6.41	33.01 2.89 -2.82	36.83 3.04 -4.25	39.30 3.45 -3.24	37.23 3.51 -0.28	39.05 3.57 -1.44	40.02 3.79 -0.49	40.97 3.98 -0.53	44.89 4.31 -0.65	45.56 4.32 -0.43	47.34 4.59 -1.43	46.86 4.64 0.00	53.56 4.69 0.00	42.31 4.26 0.00	38.51 3.40 -4.52	28.82 2.69 -1.85	25.96 2.46 -1.17
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.99 1.62 -6.51	23.84 1.42 -7.43	21.53 1.21 -7.32	21.34 1.11 -8.14	21.93 1.27 -6.84	23.03 1.67 -4.46	27.12 2.46 -0.01	34.64 2.66 -6.41	33.04 2.92 -2.82	36.85 3.07 -4.25	39.36 3.52 -3.24	37.30 3.58 -0.28	39.12 3.64 -1.44	40.09 3.86 -0.49	41.04 4.05 -0.53	44.97 4.39 -0.65	45.60 4.37 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.66 4.79 0.00	42.39 4.34 0.00	38.54 3.43 -4.52	28.84 2.72 -1.85	25.98 2.48 -1.17
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.43 0.10 -0.47	15.80 0.28 -0.53	13.48 -0.04 -0.52	12.61 -0.06 -0.58	14.34 0.04 -0.49	17.30 0.08 -0.32	24.71 0.15 0.09	26.39 0.46 -0.35	27.76 0.38 -0.08	30.18 0.53 -0.12	33.17 0.82 0.25	34.02 0.77 0.19	34.79 1.06 0.30	36.48 0.97 0.22	37.32 1.09 0.23	40.48 0.88 0.32	41.38 0.86 0.29	41.38 0.25 0.19	42.42 0.51 0.30	49.27 0.78 0.38	38.56 0.76 0.25	31.19 0.55 -0.04	24.26 -0.02 -0.01	22.84 0.49 -0.02
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.24 1.52 -6.86	24.14 1.33 -7.83	21.79 1.08 -7.71	21.66 1.00 -8.57	22.12 1.11 -7.20	23.01 1.42 -4.70	27.01 2.37 0.00	34.93 2.61 -6.75	33.19 2.95 -2.94	37.15 3.25 -4.37	38.92 3.72 -2.60	37.19 3.74 0.00	38.55 3.84 -0.66	39.90 4.14 -0.02	40.88 4.37 -0.04	45.02 4.79 -0.31	45.52 4.69 -0.03	47.95 5.12 -1.50	47.37 5.15 0.00	54.97 6.11 0.00	42.58 4.53 0.00	38.43 3.67 -4.17	28.47 2.72 -1.48	25.84 2.28 -1.22
PEEKSKILL____ 23653	24.34 1.21 -6.27	23.19 1.06 -7.15	20.93 0.88 -7.05	20.73 0.81 -7.83	21.32 0.93 -6.58	22.37 1.18 -4.29	26.59 1.95 0.00	33.81 2.07 -6.16	32.33 2.35 -2.68	36.04 2.51 -4.00	37.95 2.90 -2.45	36.39 2.94 0.00	37.65 2.96 -0.65	38.94 3.18 -0.02	39.82 3.32 -0.04	43.86 3.63 -0.31	44.51 3.67 -0.02	46.49 3.80 -1.37	45.93 3.72 0.00	53.07 4.20 0.00	41.36 3.31 0.00	37.21 2.78 -3.83	27.86 2.23 -1.35	25.37 1.92 -1.11
PGE MADISON___WINDPWR 24146	18.81 1.20 -0.75	16.90 1.06 -0.86	14.54 0.70 -0.85	13.70 0.68 -0.94	15.43 0.83 -0.79	18.84 1.44 -0.51	26.86 2.29 0.08	28.64 2.43 -0.64	30.10 2.59 -0.20	32.66 2.84 -0.29	35.19 2.87 0.28	36.50 3.24 0.19	37.01 3.34 0.36	39.06 3.54 0.21	39.81 3.58 0.23	43.45 3.87 0.34	44.53 4.00 0.28	45.14 3.93 0.11	46.11 4.18 0.29	53.78 5.28 0.37	41.35 3.54 0.24	33.36 2.60 -0.17	26.46 2.11 -0.08	24.19 1.79 -0.07
PIERCEFIELD___HYD 23852	16.03 -0.83 0.00	14.11 -0.87 0.00	12.29 -0.70 0.00	11.45 -0.64 0.00	13.03 -0.79 0.00	16.05 -0.84 0.00	18.38 -1.13 5.14	18.10 -1.30 6.17	18.24 -1.64 7.42	19.01 -1.92 8.60	19.63 -2.15 10.82	19.80 -2.17 11.47	19.92 -2.28 11.83	19.93 -2.93 12.87	20.05 -3.03 13.38	20.33 -3.35 16.24	20.83 -3.22 16.75	21.03 -3.06 17.23	21.38 -2.87 17.96	23.50 -2.69 22.68	21.14 -2.02 14.89	19.92 -1.35 9.33	18.00 -1.02 5.25	17.43 -1.05 3.86
PINELAWN_CC_1 323563	28.53 2.07 -9.60	25.59 1.83 -8.78	21.86 1.53 -7.33	21.62 1.39 -8.14	22.22 1.56 -6.84	23.90 2.06 -4.94	34.52 3.20 -6.67	38.96 3.38 -10.01	35.01 3.71 -4.00	37.78 3.99 -4.26	40.56 4.27 -3.69	42.39 4.28 -4.67	44.88 4.22 -6.62	47.87 4.50 -7.63	48.93 4.67 -7.80	48.98 5.15 -3.90	52.84 5.27 -6.77	56.61 5.37 -9.92	60.03 5.15 -12.67	58.46 5.81 -3.78	52.90 4.83 -10.02	44.16 4.07 -9.50	38.80 3.47 -11.05	36.16 3.08 -10.75
PJM_GEN_HTP_PROXY 323702	24.87 1.50 -6.51	23.69 1.29 -7.42	21.39 1.08 -7.32	21.21 0.99 -8.13	21.78 1.13 -6.83	22.84 1.49 -4.45	27.04 2.39 -0.01	34.51 2.53 -6.41	35.69 2.87 -5.52	37.95 3.07 -5.35	40.37 3.52 -4.25	39.53 3.58 -2.51	41.86 3.61 -4.22	43.67 3.86 -4.07	43.88 3.98 -3.44	44.93 4.35 -0.66	45.68 4.45 -0.42	47.30 4.55 -1.43	46.65 4.43 0.00	53.80 4.93 0.00	42.04 3.99 0.00	38.48 3.37 -4.52	29.68 2.67 -2.73	25.84 2.34 -1.16
PJM_GEN_KEystone 24065	20.78 0.54 -3.38	19.36 0.52 -3.86	17.15 0.35 -3.80	16.63 0.31 -4.23	17.77 0.40 -3.55	19.72 0.51 -2.32	25.43 0.86 0.08	29.80 1.00 -3.23	29.89 1.06 -1.53	32.50 1.09 -1.88	33.52 1.34 0.42	34.76 1.37 0.06	34.46 1.40 0.97	36.77 1.43 0.40	37.50 1.53 0.49	40.37 1.56 1.10	41.54 1.59 0.86	42.58 1.45 0.19	42.70 1.44 0.95	49.27 1.66 1.26	39.29 1.48 0.24	33.17 1.23 -1.35	25.94 0.92 -0.74	23.83 0.96 -0.54
PJM_GEN_NEPTUNE_PROXY 323594	25.68 1.77 -7.05	24.20 1.54 -7.67	21.62 1.30 -7.33	21.42 1.19 -8.14	22.00 1.34 -6.84	23.34 1.76 -4.69	30.25 2.74 -2.87	36.40 2.86 -7.96	33.81 3.19 -3.32	37.22 3.42 -4.26	39.81 3.91 -3.29	40.38 3.98 -2.96	42.52 3.88 -4.61	44.77 4.18 -4.86	45.77 4.34 -4.97	46.86 4.79 -2.15	49.97 4.85 -4.31	53.09 4.96 -6.81	55.14 4.89 -8.03	56.83 5.57 -2.40	45.64 4.45 -3.14	41.86 3.73 -7.53	33.94 3.01 -6.66	27.95 2.66 -2.96



PJM_GEN_VFT_PROXY 323633	24.82 1.45 -6.51	23.63 1.23 -7.42	21.35 1.04 -7.32	21.17 0.95 -8.13	21.74 1.09 -6.83	22.78 1.44 -4.45	26.97 2.32 -0.01	34.44 2.46 -6.41	35.70 2.79 -5.62	37.87 2.95 -5.38	40.28 3.39 -4.28	38.72 3.41 -1.86	36.98 3.40 0.46	37.01 3.65 2.37	37.01 3.79 3.24	37.11 4.15 6.97	37.09 4.24 7.96	37.77 4.34 7.89	36.99 4.22 9.44	40.80 4.64 12.71	41.85 3.80 0.00	38.26 3.24 -4.42	29.63 2.57 -2.78	25.73 2.23 -1.16
PLEASANTVLY___LBMP 24000	25.34 1.28 -7.20	24.32 1.12 -8.22	22.03 0.94 -8.10	21.94 0.86 -9.00	22.36 0.98 -7.56	23.07 1.25 -4.93	26.67 2.02 0.00	34.80 2.15 -7.08	32.79 2.40 -3.08	36.76 2.57 -4.66	38.85 2.97 -3.29	36.42 2.98 0.00	38.08 3.00 -1.04	38.99 3.22 -0.04	39.85 3.32 -0.07	44.08 3.67 -0.49	44.56 3.71 -0.04	46.74 3.84 -1.58	45.97 3.76 0.00	53.12 4.25 0.00	41.40 3.35 0.00	37.98 2.81 -4.57	28.08 2.26 -1.55	25.58 1.97 -1.28
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.96 1.38 -6.72	23.85 1.20 -7.67	21.56 1.00 -7.56	21.42 0.93 -8.40	21.94 1.06 -7.06	22.85 1.35 -4.60	26.84 2.19 0.00	34.51 2.33 -6.61	32.80 2.62 -2.88	36.74 2.84 -4.37	39.09 3.26 -3.23	36.76 3.31 0.00	38.45 3.34 -1.08	39.35 3.57 -0.04	40.26 3.72 -0.07	44.50 4.07 -0.51	45.01 4.16 -0.04	47.09 4.30 -1.47	46.44 4.22 0.00	53.61 4.74 0.00	41.78 3.73 0.00	38.04 3.12 -4.32	28.17 2.45 -1.45	25.68 2.14 -1.20
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.36 1.38 -7.12	24.33 1.23 -8.12	22.03 1.03 -8.00	21.94 0.95 -8.90	22.38 1.09 -7.48	23.12 1.35 -4.87	26.87 2.22 0.00	35.11 2.53 -7.00	33.11 2.76 -3.05	37.05 3.04 -4.47	38.31 3.45 -2.26	36.95 3.51 0.00	37.99 3.54 -0.41	39.58 3.83 -0.01	40.46 3.98 -0.03	44.55 4.43 -0.19	45.27 4.45 -0.02	47.59 4.71 -1.56	46.94 4.73 0.00	54.34 5.47 0.00	42.08 4.03 0.00	38.00 3.24 -4.17	28.26 2.45 -1.53	25.70 2.10 -1.27
POLETTI____ 23519	24.90 1.53 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.22 1.00 -8.13	21.79 1.15 -6.83	22.87 1.52 -4.45	27.07 2.42 -0.01	34.56 2.58 -6.41	35.81 2.89 -5.62	38.02 3.10 -5.38	40.44 3.55 -4.28	39.65 3.61 -2.60	42.01 3.64 -4.33	43.81 3.86 -4.21	44.03 4.01 -3.56	45.01 4.43 -0.66	45.73 4.49 -0.43	47.38 4.63 -1.43	46.74 4.52 0.00	53.85 4.99 0.00	42.08 4.03 0.00	38.52 3.40 -4.53	29.75 2.69 -2.78	25.86 2.37 -1.16
PORT_JEFF_3 23555	27.80 2.16 -8.78	25.32 1.92 -8.42	21.95 1.62 -7.33	21.69 1.46 -8.14	22.30 1.64 -6.84	23.93 2.18 -4.86	35.07 3.38 -7.05	39.38 3.58 -10.22	35.30 3.93 -4.07	37.99 4.19 -4.26	40.78 4.73 -3.45	41.79 4.72 -3.63	44.13 4.70 -5.40	46.65 4.97 -5.95	47.62 5.07 -6.09	48.39 5.63 -2.84	51.80 5.71 -5.28	55.14 5.78 -8.03	57.81 5.74 -9.85	58.31 6.50 -2.94	49.15 5.25 -5.84	43.52 4.62 -8.30	37.10 3.71 -9.11	33.88 3.31 -8.24
PORT_JEFF_4 23616	27.80 2.16 -8.78	25.32 1.92 -8.42	21.95 1.62 -7.33	21.69 1.46 -8.14	22.30 1.64 -6.84	23.93 2.18 -4.86	35.07 3.38 -7.05	39.38 3.58 -10.22	35.30 3.93 -4.07	37.99 4.19 -4.26	40.78 4.73 -3.45	41.79 4.72 -3.63	44.13 4.70 -5.40	46.65 4.97 -5.95	47.62 5.07 -6.09	48.39 5.63 -2.84	51.80 5.71 -5.28	55.14 5.78 -8.03	57.81 5.74 -9.85	58.31 6.50 -2.94	49.15 5.25 -5.84	43.52 4.62 -8.30	37.10 3.71 -9.11	33.88 3.31 -8.24
PORT_JEFF_IC 23713	27.88 2.23 -8.80	25.39 1.98 -8.43	21.99 1.66 -7.33	21.74 1.51 -8.14	22.34 1.68 -6.84	23.99 2.23 -4.86	35.16 3.48 -7.03	39.47 3.68 -10.21	35.40 4.04 -4.06	38.14 4.34 -4.26	40.98 4.92 -3.46	42.06 4.95 -3.67	44.41 4.93 -5.44	47.00 5.26 -6.01	47.89 5.29 -6.15	48.67 5.87 -2.87	52.09 5.96 -5.33	55.45 6.03 -8.10	58.16 5.99 -9.95	58.63 6.79 -2.97	49.48 5.44 -5.99	43.75 4.80 -8.35	37.28 3.83 -9.17	34.06 3.42 -8.30
PPL PILGRIM_ST_GT1 24216	27.95 2.21 -8.89	25.38 1.93 -8.47	21.96 1.64 -7.33	21.72 1.49 -8.14	22.33 1.67 -6.84	23.98 2.21 -4.87	35.08 3.45 -6.99	39.39 3.63 -10.19	35.34 3.99 -4.06	38.05 4.25 -4.26	40.89 4.79 -3.49	42.00 4.75 -3.81	44.37 4.73 -5.61	46.73 4.75 -6.23	47.73 4.89 -6.38	48.33 5.39 -3.02	51.84 5.51 -5.53	55.29 5.62 -8.36	58.12 5.57 -10.33	58.21 6.26 -3.08	49.63 5.02 -6.56	43.57 4.47 -8.51	37.32 3.67 -9.38	34.19 3.28 -8.57
PPL PILGRIM_ST_GT2 24217	27.95 2.21 -8.89	25.38 1.93 -8.47	21.96 1.64 -7.33	21.72 1.49 -8.14	22.33 1.67 -6.84	23.98 2.21 -4.87	35.08 3.45 -6.99	39.39 3.63 -10.19	35.34 3.99 -4.06	38.05 4.25 -4.26	40.89 4.79 -3.49	42.00 4.75 -3.81	44.37 4.73 -5.61	46.73 4.75 -6.23	47.73 4.89 -6.38	48.33 5.39 -3.02	51.84 5.51 -5.53	55.29 5.62 -8.36	58.12 5.57 -10.33	58.21 6.26 -3.08	49.63 5.02 -6.56	43.57 4.47 -8.51	37.32 3.67 -9.38	34.19 3.28 -8.57
PPL_SHRM_GT3 24213	27.94 2.29 -8.79	25.46 2.05 -8.42	22.04 1.72 -7.33	21.79 1.56 -8.14	22.40 1.74 -6.84	24.07 2.31 -4.86	35.26 3.57 -7.04	39.60 3.81 -10.22	35.54 4.18 -4.07	38.28 4.49 -4.26	41.20 5.15 -3.45	42.28 5.18 -3.65	44.66 5.21 -5.42	47.25 5.54 -5.97	48.30 5.72 -6.11	49.12 6.35 -2.85	52.55 6.45 -5.30	55.91 6.53 -8.06	58.70 6.58 -9.90	59.24 7.42 -2.95	49.89 5.93 -5.91	43.91 4.99 -8.32	37.34 3.93 -9.14	34.09 3.48 -8.27
PPL_SHRM_GT4 24214	27.94 2.29 -8.79	25.46 2.05 -8.42	22.04 1.72 -7.33	21.79 1.56 -8.14	22.40 1.74 -6.84	24.07 2.31 -4.86	35.26 3.57 -7.04	39.60 3.81 -10.22	35.54 4.18 -4.07	38.28 4.49 -4.26	41.20 5.15 -3.45	42.28 5.18 -3.65	44.66 5.21 -5.42	47.25 5.54 -5.97	48.30 5.72 -6.11	49.12 6.35 -2.85	52.55 6.45 -5.30	55.91 6.53 -8.06	58.70 6.58 -9.90	59.24 7.42 -2.95	49.89 5.93 -5.91	43.91 4.99 -8.32	37.34 3.93 -9.14	34.09 3.48 -8.27
PROJECT___ORANGE 1 24174	17.11 0.05 -0.19	15.28 0.08 -0.22	13.21 0.00 -0.22	12.33 0.00 -0.24	14.05 0.03 -0.20	17.10 0.07 -0.13	24.55 0.07 0.17	25.64 0.08 0.01	27.14 0.00 0.16	29.37 0.00 0.16	32.23 -0.07 0.31	33.07 0.00 0.38	33.68 0.03 0.39	35.39 0.07 0.42	36.06 0.04 0.44	39.39 0.00 0.53	40.22 -0.04 0.55	40.72 -0.08 0.52	41.59 -0.04 0.59	48.12 0.00 0.74	37.56 0.00 0.49	30.34 -0.06 0.20	24.10 -0.05 0.13	22.27 0.02 0.09
PROJECT___ORANGE 2 24166	17.11 0.05 -0.19	15.28 0.08 -0.22	13.21 0.00 -0.22	12.33 0.00 -0.24	14.05 0.03 -0.20	17.10 0.07 -0.13	24.55 0.07 0.17	25.64 0.08 0.01	27.14 0.00 0.16	29.37 0.00 0.16	32.23 -0.07 0.31	33.07 0.00 0.38	33.68 0.03 0.39	35.39 0.07 0.42	36.06 0.04 0.44	39.39 0.00 0.53	40.22 -0.04 0.55	40.72 -0.08 0.52	41.59 -0.04 0.59	48.12 0.00 0.74	37.56 0.00 0.49	30.34 -0.06 0.20	24.10 -0.05 0.13	22.27 0.02 0.09
PYRITES___HYD 24023	16.12 -0.74 0.00	14.20 -0.78 0.00	12.36 -0.64 0.00	11.51 -0.58 0.00	13.09 -0.72 0.00	16.17 -0.73 0.00	18.43 -0.94 5.28	18.16 -1.07 6.34	18.37 -1.31 7.62	19.19 -1.51 8.83	19.80 -1.70 11.11	20.00 -1.67 11.78	20.11 -1.77 12.15	20.13 -2.39 13.22	20.24 -2.48 13.74	20.50 -2.75 16.67	21.03 -2.57 17.20	21.15 -2.48 17.69	21.45 -2.32 18.45	23.48 -2.10 23.29	21.05 -1.71 15.29	19.92 -1.10 9.58	18.06 -0.83 5.40	17.46 -0.92 3.96



RAMAPO____LBMP 323565	23.66 1.11 -5.68	22.44 0.97 -6.49	20.21 0.82 -6.39	19.94 0.75 -7.11	20.64 0.86 -5.97	21.88 1.10 -3.89	26.42 1.78 0.00	33.08 1.92 -5.59	31.89 2.16 -2.44	34.99 2.27 -3.18	34.13 2.61 1.08	36.12 2.68 0.00	35.22 2.66 1.47	38.55 2.86 0.05	39.36 2.99 0.10	42.51 3.27 0.69	44.06 3.30 0.06	45.99 3.43 -1.25	45.55 3.33 0.00	52.63 3.76 0.00	41.05 3.01 0.00	35.41 2.51 -2.30	27.54 2.04 -1.22	25.13 1.79 -1.01
RANKINE____ 23646	17.20 -0.12 -0.45	15.60 0.11 -0.52	13.31 -0.19 -0.51	12.45 -0.21 -0.57	14.17 -0.12 -0.48	17.05 -0.15 -0.31	24.34 -0.22 0.09	25.99 0.08 -0.34	27.34 -0.03 -0.07	29.76 0.12 -0.11	32.72 0.36 0.25	33.55 0.30 0.19	34.35 0.61 0.30	35.98 0.46 0.22	36.81 0.58 0.23	39.92 0.32 0.32	40.85 0.32 0.29	40.84 -0.29 0.19	41.91 0.00 0.30	48.68 0.20 0.38	38.03 0.23 0.25	30.75 0.12 -0.03	23.90 -0.39 -0.01	22.53 0.18 -0.02
RAVENSWOOD_GT2_1 24244	24.92 1.55 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.82 1.17 -6.83	22.87 1.52 -4.45	27.12 2.46 -0.01	34.62 2.63 -6.41	35.93 2.92 -5.71	38.12 3.16 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.21 4.08 -3.67	45.06 4.47 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.78 4.56 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.88 2.39 -1.16
RAVENSWOOD_GT2_2 24245	24.92 1.55 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.82 1.17 -6.83	22.87 1.52 -4.45	27.12 2.46 -0.01	34.62 2.63 -6.41	35.93 2.92 -5.71	38.12 3.16 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.21 4.08 -3.67	45.06 4.47 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.78 4.56 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.88 2.39 -1.16
RAVENSWOOD_GT2_3 24246	24.93 1.57 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.26 1.04 -8.13	21.82 1.17 -6.83	22.89 1.54 -4.45	27.12 2.46 -0.01	34.62 2.63 -6.41	35.96 2.95 -5.71	38.12 3.16 -5.42	40.54 3.62 -4.32	39.80 3.68 -2.68	42.18 3.71 -4.43	44.05 3.97 -4.35	44.25 4.12 -3.67	45.10 4.51 -0.66	45.82 4.57 -0.45	47.46 4.71 -1.43	46.82 4.60 0.00	53.95 5.08 0.00	42.16 4.11 0.00	38.59 3.46 -4.54	29.84 2.74 -2.82	25.91 2.41 -1.16
RAVENSWOOD_GT2_4 24247	24.93 1.57 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.26 1.04 -8.13	21.82 1.17 -6.83	22.89 1.54 -4.45	27.12 2.46 -0.01	34.62 2.63 -6.41	35.96 2.95 -5.71	38.12 3.16 -5.42	40.54 3.62 -4.32	39.80 3.68 -2.68	42.18 3.71 -4.43	44.05 3.97 -4.35	44.25 4.12 -3.67	45.10 4.51 -0.66	45.82 4.57 -0.45	47.46 4.71 -1.43	46.82 4.60 0.00	53.95 5.08 0.00	42.16 4.11 0.00	38.59 3.46 -4.54	29.84 2.74 -2.82	25.91 2.41 -1.16
RAVENSWOOD_GT3_1 24248	24.92 1.55 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.82 1.17 -6.83	22.89 1.54 -4.45	27.12 2.46 -0.01	34.62 2.63 -6.41	35.93 2.92 -5.71	38.12 3.16 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.21 4.08 -3.67	45.06 4.47 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.78 4.56 0.00	53.90 5.03 0.00	42.16 4.11 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.88 2.39 -1.16
RAVENSWOOD_GT3_2 24249	24.92 1.55 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.82 1.17 -6.83	22.89 1.54 -4.45	27.12 2.46 -0.01	34.62 2.63 -6.41	35.93 2.92 -5.71	38.12 3.16 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.21 4.08 -3.67	45.06 4.47 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.78 4.56 0.00	53.90 5.03 0.00	42.16 4.11 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.88 2.39 -1.16
RAVENSWOOD_GT3_3 24250	24.93 1.57 -6.51	23.75 1.35 -7.42	21.44 1.13 -7.32	21.26 1.04 -8.13	21.84 1.19 -6.83	22.90 1.55 -4.45	27.14 2.49 -0.01	34.64 2.66 -6.41	35.98 2.98 -5.71	38.14 3.19 -5.42	40.57 3.65 -4.32	39.83 3.71 -2.68	42.21 3.74 -4.43	44.09 4.00 -4.35	44.29 4.16 -3.67	45.14 4.55 -0.66	45.86 4.61 -0.45	47.46 4.71 -1.43	46.82 4.60 0.00	53.95 5.08 0.00	42.20 4.15 0.00	38.62 3.49 -4.54	29.87 2.77 -2.82	25.93 2.43 -1.16
RAVENSWOOD_GT3_4 24251	24.93 1.57 -6.51	23.75 1.35 -7.42	21.44 1.13 -7.32	21.26 1.04 -8.13	21.84 1.19 -6.83	22.90 1.55 -4.45	27.14 2.49 -0.01	34.64 2.66 -6.41	35.98 2.98 -5.71	38.14 3.19 -5.42	40.57 3.65 -4.32	39.83 3.71 -2.68	42.21 3.74 -4.43	44.09 4.00 -4.35	44.29 4.16 -3.67	45.14 4.55 -0.66	45.86 4.61 -0.45	47.46 4.71 -1.43	46.82 4.60 0.00	53.95 5.08 0.00	42.20 4.15 0.00	38.62 3.49 -4.54	29.87 2.77 -2.82	25.93 2.43 -1.16
RAVENSWOOD_GT_1 23729	25.01 1.64 -6.51	23.82 1.41 -7.43	21.50 1.18 -7.33	21.32 1.09 -8.14	21.90 1.24 -6.84	22.96 1.61 -4.46	27.22 2.56 -0.01	34.74 2.76 -6.41	36.04 3.03 -5.71	38.17 3.22 -5.42	40.57 3.65 -4.32	39.83 3.71 -2.68	42.25 3.78 -4.43	44.09 4.00 -4.35	44.29 4.16 -3.67	45.14 4.55 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.82 4.60 0.00	53.80 4.93 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.92 2.81 -2.82	26.00 2.50 -1.17
RAVENSWOOD_GT_10 24258	24.92 1.55 -6.50	23.72 1.32 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.81 1.16 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.62 2.63 -6.41	35.93 2.92 -5.71	38.12 3.16 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.21 4.08 -3.67	45.06 4.47 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.78 4.56 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.88 2.39 -1.16
RAVENSWOOD_GT_11 24259	24.92 1.55 -6.50	23.72 1.32 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.81 1.16 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.62 2.63 -6.41	35.93 2.92 -5.71	38.12 3.16 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.21 4.08 -3.67	45.06 4.47 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.78 4.56 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.88 2.39 -1.16
RAVENSWOOD_GT_4 24252	24.90 1.53 -6.50	23.72 1.32 -7.42	21.41 1.10 -7.31	21.23 1.02 -8.13	21.80 1.16 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.93 2.92 -5.71	38.08 3.13 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.18 4.05 -3.67	45.02 4.43 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.74 4.52 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.85 2.37 -1.15
RAVENSWOOD_GT_5 24254	24.90 1.53 -6.50	23.72 1.32 -7.42	21.41 1.10 -7.31	21.23 1.02 -8.13	21.80 1.16 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.93 2.92 -5.71	38.08 3.13 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.18 4.05 -3.67	45.02 4.43 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.74 4.52 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.85 2.37 -1.15



RAVENSWOOD_GT_6 24253	24.90 1.53 -6.50	23.72 1.32 -7.42	21.41 1.10 -7.31	21.23 1.02 -8.13	21.80 1.16 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.93 2.92 -5.71	38.08 3.13 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.18 4.05 -3.67	45.02 4.43 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.74 4.52 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.85 2.37 -1.15
RAVENSWOOD_GT_7 24255	24.90 1.53 -6.50	23.72 1.32 -7.42	21.41 1.10 -7.31	21.23 1.02 -8.13	21.80 1.16 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.59 2.61 -6.41	35.93 2.92 -5.71	38.08 3.13 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.18 4.05 -3.67	45.02 4.43 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.74 4.52 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.85 2.37 -1.15
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.92 1.55 -6.50	23.72 1.32 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.81 1.16 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.62 2.63 -6.41	35.93 2.92 -5.71	38.12 3.16 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.21 4.08 -3.67	45.06 4.47 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.78 4.56 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.88 2.39 -1.16
RAVENSWOOD_GT_9 24257	24.92 1.55 -6.50	23.72 1.32 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.81 1.16 -6.83	22.87 1.52 -4.45	27.09 2.44 -0.01	34.62 2.63 -6.41	35.93 2.92 -5.71	38.12 3.16 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.21 4.08 -3.67	45.06 4.47 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.78 4.56 0.00	53.90 5.03 0.00	42.12 4.07 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.88 2.39 -1.16
RAVENSWOOD___1 23533	24.99 1.62 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.88 1.23 -6.84	22.96 1.61 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.54 3.62 -4.32	39.83 3.71 -2.68	42.21 3.74 -4.43	44.05 3.97 -4.35	44.29 4.16 -3.67	45.10 4.51 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.82 4.60 0.00	53.80 4.93 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.89 2.79 -2.82	26.00 2.50 -1.17
RAVENSWOOD___2 23534	24.99 1.62 -6.51	23.81 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.88 1.23 -6.84	22.96 1.61 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.54 3.62 -4.32	39.80 3.68 -2.68	42.21 3.74 -4.43	44.05 3.97 -4.35	44.29 4.16 -3.67	45.10 4.51 -0.66	45.74 4.49 -0.45	47.42 4.67 -1.43	46.82 4.60 0.00	53.80 4.93 0.00	42.27 4.22 0.00	38.65 3.52 -4.54	29.89 2.79 -2.82	26.00 2.50 -1.17
RAVENSWOOD___3 23535	24.92 1.55 -6.51	23.74 1.33 -7.42	21.43 1.12 -7.32	21.25 1.03 -8.13	21.82 1.17 -6.83	22.89 1.54 -4.45	27.12 2.46 -0.01	34.62 2.63 -6.41	35.93 2.92 -5.71	38.12 3.16 -5.42	40.51 3.59 -4.32	39.77 3.65 -2.68	42.14 3.68 -4.43	44.01 3.93 -4.35	44.21 4.08 -3.67	45.06 4.47 -0.66	45.78 4.53 -0.45	47.42 4.67 -1.43	46.78 4.56 0.00	53.90 5.03 0.00	42.16 4.11 0.00	38.56 3.43 -4.54	29.82 2.72 -2.82	25.88 2.39 -1.16
RAVENSWOOD___4 23820	24.99 1.62 -6.51	23.80 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.88 1.23 -6.84	22.94 1.59 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.54 3.62 -4.32	39.80 3.68 -2.68	42.18 3.71 -4.43	44.05 3.97 -4.35	44.29 4.16 -3.67	45.10 4.51 -0.66	45.74 4.49 -0.45	47.42 4.67 -1.43	46.82 4.60 0.00	53.80 4.93 0.00	42.27 4.22 0.00	38.62 3.49 -4.54	29.89 2.79 -2.82	26.00 2.50 -1.16
RCPL_TRUST___DRP 24196	24.88 1.52 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.22 1.00 -8.13	21.79 1.15 -6.83	22.85 1.50 -4.45	27.07 2.42 -0.01	34.56 2.58 -6.41	35.71 2.89 -5.52	38.01 3.13 -5.35	40.44 3.59 -4.25	39.60 3.65 -2.51	41.93 3.68 -4.22	43.70 3.90 -4.07	43.95 4.05 -3.44	45.01 4.43 -0.66	45.76 4.53 -0.42	47.38 4.63 -1.43	46.74 4.52 0.00	53.90 5.03 0.00	42.08 4.03 0.00	38.51 3.40 -4.52	29.70 2.69 -2.73	25.86 2.37 -1.16
RENSSELAER___COGEN 23796	26.31 0.72 -8.72	25.65 0.72 -9.95	23.42 0.61 -9.81	23.56 0.57 -10.90	23.64 0.66 -9.16	23.66 0.79 -5.97	25.83 1.18 0.00	35.41 1.25 -8.58	32.43 1.39 -3.74	36.55 1.53 -5.48	37.10 1.73 -2.77	35.05 1.61 0.00	36.11 1.57 -0.51	37.37 1.61 -0.02	38.17 1.68 -0.03	42.08 1.92 -0.24	42.79 1.96 -0.02	45.26 2.02 -1.91	44.33 2.11 0.00	51.21 2.35 0.00	39.88 1.83 0.00	37.20 1.50 -5.11	27.30 1.14 -1.88	24.89 1.01 -1.55
REVERE_CPPR_DRP 24186	17.38 0.52 0.00	15.43 0.45 0.00	13.28 0.29 0.00	12.37 0.28 0.00	14.16 0.35 0.00	17.54 0.64 0.00	25.13 0.99 0.50	26.02 1.05 0.60	27.69 1.12 0.73	29.90 1.21 0.84	32.75 1.21 1.06	33.69 1.37 1.12	34.31 1.43 1.16	35.98 1.50 1.26	36.65 1.50 1.31	39.97 1.64 1.59	40.84 1.67 1.64	41.29 1.65 1.69	42.23 1.77 1.76	48.95 2.30 2.22	38.12 1.52 1.46	30.82 1.13 0.91	24.71 0.95 0.51	22.72 0.76 0.38
RIVERBAY___ 323610	24.99 1.62 -6.51	23.84 1.42 -7.43	21.53 1.21 -7.32	21.34 1.11 -8.14	21.93 1.27 -6.84	23.03 1.67 -4.46	27.12 2.46 -0.01	34.64 2.66 -6.41	33.04 2.92 -2.82	36.85 3.07 -4.25	39.36 3.52 -3.24	37.30 3.58 -0.28	39.12 3.64 -1.44	40.09 3.86 -0.49	41.04 4.05 -0.53	44.97 4.39 -0.65	45.60 4.37 -0.43	47.42 4.67 -1.43	46.94 4.73 0.00	53.66 4.79 0.00	42.39 4.34 0.00	38.54 3.43 -4.52	28.84 2.72 -1.85	25.98 2.48 -1.17
ROCHESTER_9_IC 23652	16.97 -0.24 -0.35	15.27 -0.10 -0.40	13.11 -0.27 -0.39	12.23 -0.29 -0.43	13.97 -0.21 -0.36	16.86 -0.27 -0.24	24.16 -0.40 0.09	25.60 -0.21 -0.23	26.99 -0.33 -0.02	29.14 -0.44 -0.05	31.94 -0.42 0.24	32.84 -0.40 0.20	33.72 -0.03 0.29	35.26 -0.25 0.23	36.08 -0.15 0.24	39.24 -0.36 0.32	40.10 -0.41 0.30	40.31 -0.79 0.23	41.40 -0.50 0.32	48.18 -0.29 0.40	37.56 -0.23 0.26	30.09 -0.49 0.02	23.70 -0.56 0.02	22.17 -0.16 0.01
ROSETON___1 23587	25.33 1.27 -7.21	24.31 1.11 -8.23	22.03 0.92 -8.11	21.96 0.86 -9.01	22.37 0.98 -7.57	23.08 1.25 -4.94	26.64 2.00 0.00	34.79 2.12 -7.09	32.76 2.37 -3.09	36.75 2.57 -4.65	38.71 2.94 -3.18	36.42 2.98 0.00	37.97 2.96 -0.97	38.95 3.18 -0.03	39.84 3.32 -0.06	44.01 3.63 -0.46	44.52 3.67 -0.04	46.70 3.80 -1.58	45.97 3.76 0.00	53.07 4.20 0.00	41.36 3.31 0.00	37.92 2.78 -4.54	28.06 2.23 -1.55	25.56 1.94 -1.28
ROSETON___2 23588	25.33 1.27 -7.21	24.31 1.11 -8.23	22.03 0.92 -8.11	21.96 0.86 -9.01	22.37 0.98 -7.57	23.08 1.25 -4.94	26.64 2.00 0.00	34.79 2.12 -7.09	32.76 2.37 -3.09	36.75 2.57 -4.65	38.71 2.94 -3.18	36.42 2.98 0.00	37.97 2.96 -0.97	38.95 3.18 -0.03	39.84 3.32 -0.06	44.01 3.63 -0.46	44.52 3.67 -0.04	46.70 3.80 -1.58	45.97 3.76 0.00	53.07 4.20 0.00	41.36 3.31 0.00	37.92 2.78 -4.54	28.06 2.23 -1.55	25.56 1.94 -1.28



RUSSELL___1 23602	17.06 -0.15 -0.35	15.33 -0.04 -0.40	13.17 -0.22 -0.39	12.29 -0.23 -0.43	14.04 -0.14 -0.36	16.95 -0.19 -0.24	24.31 -0.25 0.09	25.76 -0.05 -0.23	27.15 -0.16 -0.02	29.28 -0.30 -0.05	32.10 -0.26 0.24	33.01 -0.23 0.20	33.95 0.21 0.29	35.47 -0.04 0.23	36.30 0.07 0.24	39.48 -0.12 0.32	40.35 -0.16 0.30	40.56 -0.54 0.23	41.65 -0.25 0.32	48.52 0.05 0.40	37.83 0.04 0.26	30.27 -0.31 0.02	23.85 -0.41 0.02	22.29 -0.04 0.01
RUSSELL___2 23532	17.06 -0.15 -0.35	15.33 -0.04 -0.40	13.17 -0.22 -0.39	12.29 -0.23 -0.43	14.04 -0.14 -0.36	16.95 -0.19 -0.24	24.31 -0.25 0.09	25.76 -0.05 -0.23	27.15 -0.16 -0.02	29.28 -0.30 -0.05	32.10 -0.26 0.24	33.01 -0.23 0.20	33.95 0.21 0.29	35.47 -0.04 0.23	36.30 0.07 0.24	39.48 -0.12 0.32	40.35 -0.16 0.30	40.56 -0.54 0.23	41.65 -0.25 0.32	48.52 0.05 0.40	37.83 0.04 0.26	30.27 -0.31 0.02	23.85 -0.41 0.02	22.29 -0.04 0.01
RUSSELL___3 23549	17.06 -0.15 -0.35	15.33 -0.04 -0.40	13.17 -0.22 -0.39	12.29 -0.23 -0.43	14.04 -0.14 -0.36	16.95 -0.19 -0.24	24.31 -0.25 0.09	25.76 -0.05 -0.23	27.15 -0.16 -0.02	29.28 -0.30 -0.05	32.10 -0.26 0.24	33.01 -0.23 0.20	33.95 0.21 0.29	35.47 -0.04 0.23	36.30 0.07 0.24	39.48 -0.12 0.32	40.35 -0.16 0.30	40.56 -0.54 0.23	41.65 -0.25 0.32	48.52 0.05 0.40	37.83 0.04 0.26	30.27 -0.31 0.02	23.85 -0.41 0.02	22.29 -0.04 0.01
RUSSELL___4 23556	17.06 -0.15 -0.35	15.33 -0.04 -0.40	13.17 -0.22 -0.39	12.29 -0.23 -0.43	14.04 -0.14 -0.36	16.95 -0.19 -0.24	24.31 -0.25 0.09	25.76 -0.05 -0.23	27.15 -0.16 -0.02	29.28 -0.30 -0.05	32.10 -0.26 0.24	33.01 -0.23 0.20	33.95 0.21 0.29	35.47 -0.04 0.23	36.30 0.07 0.24	39.48 -0.12 0.32	40.35 -0.16 0.30	40.56 -0.54 0.23	41.65 -0.25 0.32	48.52 0.05 0.40	37.83 0.04 0.26	30.27 -0.31 0.02	23.85 -0.41 0.02	22.29 -0.04 0.01
RUSSELL___STATION 23914	17.06 -0.15 -0.35	15.33 -0.04 -0.40	13.17 -0.22 -0.39	12.29 -0.23 -0.43	14.04 -0.14 -0.36	16.95 -0.19 -0.24	24.31 -0.25 0.09	25.76 -0.05 -0.23	27.15 -0.16 -0.02	29.28 -0.30 -0.05	32.10 -0.26 0.24	33.01 -0.23 0.20	33.95 0.21 0.29	35.47 -0.04 0.23	36.30 0.07 0.24	39.48 -0.12 0.32	40.35 -0.16 0.30	40.56 -0.54 0.23	41.65 -0.25 0.32	48.52 0.05 0.40	37.83 0.04 0.26	30.27 -0.31 0.02	23.85 -0.41 0.02	22.29 -0.04 0.01
S SALMON___HYD 24043	17.00 0.00 -0.14	15.16 0.01 -0.16	13.09 -0.06 -0.16	12.22 -0.05 -0.18	13.92 -0.04 -0.15	17.08 0.08 -0.10	24.08 0.00 0.56	25.01 -0.03 0.54	26.41 -0.14 0.75	28.53 -0.15 0.85	31.19 -0.26 1.15	31.96 -0.23 1.25	32.54 -0.20 1.29	34.12 -0.21 1.41	34.74 -0.25 1.46	37.87 -0.28 1.78	38.69 -0.28 1.83	39.18 -0.29 1.85	40.04 -0.21 1.97	46.43 0.05 2.48	36.31 -0.11 1.63	29.47 -0.18 0.94	23.68 -0.05 0.54	21.92 -0.02 0.40
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.93 -0.37 -0.44	15.36 -0.12 -0.50	13.11 -0.38 -0.49	12.26 -0.37 -0.55	13.96 -0.32 -0.46	16.79 -0.41 -0.30	23.92 -0.64 0.09	25.54 -0.36 -0.33	26.87 -0.49 -0.06	29.22 -0.41 -0.10	32.13 -0.23 0.24	32.95 -0.30 0.19	33.74 0.00 0.30	35.34 -0.18 0.22	36.16 -0.07 0.23	39.20 -0.40 0.32	40.11 -0.41 0.29	40.09 -1.03 0.19	41.20 -0.72 0.30	47.85 -0.64 0.38	37.38 -0.42 0.25	30.20 -0.43 -0.03	23.50 -0.78 -0.01	22.15 -0.20 -0.01
SELKIRK___I 23801	26.27 0.76 -8.65	25.58 0.73 -9.87	23.35 0.62 -9.73	23.48 0.58 -10.81	23.58 0.68 -9.08	23.63 0.81 -5.92	25.88 1.23 0.00	35.38 1.30 -8.51	32.42 1.42 -3.71	36.51 1.53 -5.44	37.12 1.76 -2.76	34.88 1.44 0.00	35.95 1.40 -0.51	37.22 1.47 -0.02	38.03 1.53 -0.03	41.88 1.72 -0.24	42.58 1.75 -0.02	45.03 1.82 -1.90	44.07 1.86 0.00	50.92 2.05 0.00	39.68 1.64 0.00	37.01 1.34 -5.07	27.18 1.04 -1.86	24.79 0.92 -1.54
SELKIRK___II 23799	26.28 0.76 -8.66	25.59 0.73 -9.88	23.34 0.61 -9.74	23.49 0.58 -10.82	23.57 0.66 -9.09	23.63 0.81 -5.93	25.88 1.23 0.00	35.39 1.30 -8.51	32.43 1.42 -3.71	36.51 1.53 -5.44	37.13 1.76 -2.76	34.85 1.40 0.00	35.95 1.40 -0.51	37.19 1.43 -0.02	37.99 1.50 -0.03	41.88 1.72 -0.24	42.58 1.75 -0.02	45.03 1.82 -1.90	44.07 1.86 0.00	50.92 2.05 0.00	39.65 1.60 0.00	37.02 1.34 -5.07	27.18 1.04 -1.86	24.77 0.89 -1.54
SENECA OSWGO___HYD 24041	17.04 0.00 -0.18	15.20 0.01 -0.20	13.16 -0.04 -0.20	12.27 -0.04 -0.22	13.99 -0.01 -0.19	17.03 0.02 -0.12	24.38 -0.07 0.19	25.42 -0.10 0.05	26.96 -0.14 0.20	29.18 -0.15 0.21	32.01 -0.23 0.36	32.85 -0.17 0.43	33.46 -0.14 0.44	35.15 -0.11 0.48	35.82 -0.15 0.50	39.12 -0.20 0.60	39.94 -0.24 0.62	40.47 -0.25 0.60	41.34 -0.21 0.67	47.88 -0.15 0.84	37.35 -0.15 0.55	30.14 -0.21 0.25	23.93 -0.20 0.16	22.14 -0.09 0.11
SENECA___ENERGY 23797	17.06 -0.14 -0.34	15.29 -0.07 -0.38	13.21 -0.17 -0.38	12.35 -0.16 -0.42	14.04 -0.12 -0.35	17.02 -0.10 -0.23	24.44 -0.10 0.11	25.72 -0.05 -0.20	27.18 -0.11 0.01	29.42 -0.12 -0.01	32.16 -0.16 0.28	33.10 -0.10 0.25	33.71 0.00 0.33	35.42 -0.04 0.28	36.10 -0.07 0.29	39.34 -0.20 0.38	40.24 -0.20 0.36	40.65 -0.37 0.30	41.58 -0.25 0.39	48.28 -0.10 0.49	37.65 -0.08 0.32	30.29 -0.25 0.06	23.95 -0.29 0.04	22.18 -0.13 0.02
SHOEMAKER___GT 23640	22.68 0.86 -4.96	21.40 0.76 -5.66	19.21 0.64 -5.58	18.88 0.59 -6.20	19.70 0.68 -5.21	21.13 0.84 -3.39	26.05 1.40 0.00	32.01 1.56 -4.88	31.17 1.75 -2.12	34.18 1.86 -2.79	33.85 2.09 0.84	35.55 2.11 0.00	34.93 2.11 1.22	37.98 2.29 0.04	38.75 2.37 0.08	41.98 2.63 0.57	43.41 2.65 0.05	45.18 2.77 -1.09	44.92 2.70 0.00	52.00 3.13 0.00	40.45 2.40 0.00	34.63 1.99 -2.05	26.92 1.58 -1.07	24.58 1.36 -0.88
SHOREHAM_IC_1 23715	27.94 2.29 -8.79	25.46 2.05 -8.42	22.04 1.72 -7.33	21.79 1.56 -8.14	22.40 1.74 -6.84	24.07 2.31 -4.86	35.26 3.57 -7.04	39.60 3.81 -10.22	35.54 4.18 -4.07	38.28 4.49 -4.26	41.20 5.15 -3.45	42.28 5.18 -3.65	44.66 5.21 -5.42	47.25 5.54 -5.97	48.30 5.72 -6.11	49.12 6.35 -2.85	52.55 6.45 -5.30	55.91 6.53 -8.06	58.70 6.58 -9.90	59.24 7.42 -2.95	49.89 5.93 -5.91	43.91 4.99 -8.32	37.34 3.93 -9.14	34.09 3.48 -8.27
SHOREHAM_IC_2 23716	27.94 2.29 -8.79	25.46 2.05 -8.42	22.04 1.72 -7.33	21.79 1.56 -8.14	22.40 1.74 -6.84	24.07 2.31 -4.86	35.26 3.57 -7.04	39.60 3.81 -10.22	35.54 4.18 -4.07	38.28 4.49 -4.26	41.20 5.15 -3.45	42.28 5.18 -3.65	44.66 5.21 -5.42	47.25 5.54 -5.97	48.30 5.72 -6.11	49.12 6.35 -2.85	52.55 6.45 -5.30	55.91 6.53 -8.06	58.70 6.58 -9.90	59.24 7.42 -2.95	49.89 5.93 -5.91	43.91 4.99 -8.32	37.34 3.93 -9.14	34.09 3.48 -8.27
SISSONVILLE___ 23735	16.03 -0.83 0.00	14.11 -0.87 0.00	12.29 -0.70 0.00	11.45 -0.64 0.00	13.03 -0.79 0.00	16.05 -0.84 0.00	18.38 -1.13 5.14	18.10 -1.30 6.17	18.24 -1.64 7.42	19.01 -1.92 8.60	19.63 -2.15 10.82	19.80 -2.17 11.47	19.92 -2.28 11.83	19.93 -2.93 12.87	20.05 -3.03 13.38	20.33 -3.35 16.24	20.83 -3.22 16.75	21.03 -3.06 17.23	21.38 -2.87 17.96	23.50 -2.69 22.68	21.14 -2.02 14.89	19.92 -1.35 9.33	18.00 -1.02 5.25	17.43 -1.05 3.86



SITHE_IND_GS1 24169	16.75 -0.25 -0.14	14.94 -0.21 -0.16	12.94 -0.22 -0.16	12.06 -0.21 -0.18	13.76 -0.21 -0.15	16.74 -0.25 -0.10	24.05 -0.52 0.08	25.06 -0.56 -0.05	26.62 -0.63 0.05	28.82 -0.68 0.04	31.85 -0.78 -0.03	32.68 -0.77 0.00	33.29 -0.75 0.00	34.95 -0.79 0.00	35.63 -0.84 0.00	39.01 -0.92 0.00	39.83 -0.98 0.00	40.32 -1.03 -0.03	41.20 -1.01 0.00	47.74 -1.12 0.00	37.18 -0.87 0.00	29.94 -0.73 -0.08	23.70 -0.61 -0.03	21.87 -0.49 -0.03
SITHE_IND_GS2 24170	16.75 -0.25 -0.14	14.94 -0.21 -0.16	12.94 -0.22 -0.16	12.06 -0.21 -0.18	13.76 -0.21 -0.15	16.74 -0.25 -0.10	24.05 -0.52 0.08	25.06 -0.56 -0.05	26.62 -0.63 0.05	28.82 -0.68 0.04	31.85 -0.78 -0.03	32.68 -0.77 0.00	33.29 -0.75 0.00	34.95 -0.79 0.00	35.63 -0.84 0.00	39.01 -0.92 0.00	39.83 -0.98 0.00	40.32 -1.03 -0.03	41.20 -1.01 0.00	47.74 -1.12 0.00	37.18 -0.87 0.00	29.94 -0.73 -0.08	23.70 -0.61 -0.03	21.87 -0.49 -0.03
SITHE_IND_GS3 24171	16.75 -0.25 -0.14	14.94 -0.21 -0.16	12.94 -0.22 -0.16	12.06 -0.21 -0.18	13.76 -0.21 -0.15	16.74 -0.25 -0.10	24.05 -0.52 0.08	25.06 -0.56 -0.05	26.62 -0.63 0.05	28.82 -0.68 0.04	31.85 -0.78 -0.03	32.68 -0.77 0.00	33.29 -0.75 0.00	34.95 -0.79 0.00	35.63 -0.84 0.00	39.01 -0.92 0.00	39.83 -0.98 0.00	40.32 -1.03 -0.03	41.20 -1.01 0.00	47.74 -1.12 0.00	37.18 -0.87 0.00	29.94 -0.73 -0.08	23.70 -0.61 -0.03	21.87 -0.49 -0.03
SITHE_IND_GS4 24172	16.75 -0.25 -0.14	14.94 -0.21 -0.16	12.94 -0.22 -0.16	12.06 -0.21 -0.18	13.76 -0.21 -0.15	16.74 -0.25 -0.10	24.05 -0.52 0.08	25.06 -0.56 -0.05	26.62 -0.63 0.05	28.82 -0.68 0.04	31.85 -0.78 -0.03	32.68 -0.77 0.00	33.29 -0.75 0.00	34.95 -0.79 0.00	35.63 -0.84 0.00	39.01 -0.92 0.00	39.83 -0.98 0.00	40.32 -1.03 -0.03	41.20 -1.01 0.00	47.74 -1.12 0.00	37.18 -0.87 0.00	29.94 -0.73 -0.08	23.70 -0.61 -0.03	21.87 -0.49 -0.03
SITHE___BATAVIA 24024	17.22 -0.05 -0.41	15.58 0.13 -0.47	13.31 -0.14 -0.46	12.42 -0.18 -0.51	14.20 -0.04 -0.43	17.09 -0.08 -0.28	24.48 -0.07 0.09	26.15 0.28 -0.30	27.51 0.16 -0.05	29.74 0.12 -0.08	32.62 0.26 0.24	33.48 0.24 0.20	34.52 0.78 0.30	35.98 0.46 0.22	36.92 0.69 0.24	40.08 0.48 0.32	40.93 0.41 0.29	40.95 -0.16 0.21	42.21 0.30 0.31	49.21 0.73 0.39	38.25 0.46 0.26	30.67 0.06 -0.01	23.96 -0.32 0.00	22.57 0.22 -0.01
SITHE___INDEPEND 23800	16.75 -0.25 -0.14	14.94 -0.21 -0.16	12.94 -0.22 -0.16	12.06 -0.21 -0.18	13.76 -0.21 -0.15	16.74 -0.25 -0.10	24.05 -0.52 0.08	25.06 -0.56 -0.05	26.62 -0.63 0.05	28.82 -0.68 0.04	31.85 -0.78 -0.03	32.68 -0.77 0.00	33.29 -0.75 0.00	34.95 -0.79 0.00	35.63 -0.84 0.00	39.01 -0.92 0.00	39.83 -0.98 0.00	40.32 -1.03 -0.03	41.20 -1.01 0.00	47.74 -1.12 0.00	37.18 -0.87 0.00	29.94 -0.73 -0.08	23.70 -0.61 -0.03	21.87 -0.49 -0.03
SITHE___MASSENA 23902	16.05 -0.81 0.00	14.16 -0.82 0.00	12.36 -0.64 0.00	11.50 -0.59 0.00	13.09 -0.72 0.00	16.03 -0.86 0.00	17.25 -1.21 6.19	16.84 -1.30 7.43	16.97 -1.39 8.94	17.67 -1.51 10.36	18.00 -1.60 13.00	18.02 -1.64 13.79	18.08 -1.73 14.23	18.05 -2.22 15.47	18.08 -2.30 16.09	17.85 -2.56 19.52	18.21 -2.45 20.16	18.20 -2.40 20.73	18.20 -2.40 21.61	18.94 -2.64 27.28	18.12 -2.02 17.92	17.97 -1.41 11.22	16.86 -1.09 6.32	16.62 -1.07 4.64
SITHE___OGDNSBRG 24021	16.10 -0.76 0.00	14.17 -0.81 0.00	12.35 -0.65 0.00	11.50 -0.59 0.00	13.08 -0.73 0.00	16.12 -0.78 0.00	18.09 -1.01 5.55	17.79 -1.12 6.66	17.98 -1.31 8.01	18.77 -1.48 9.28	19.31 -1.63 11.67	19.44 -1.64 12.37	19.57 -1.70 12.76	19.53 -2.32 13.88	19.66 -2.37 14.43	19.78 -2.64 17.51	20.24 -2.49 18.08	20.38 -2.35 18.59	20.56 -2.28 19.38	22.20 -2.20 24.47	20.20 -1.79 16.07	19.34 -1.19 10.07	17.71 -0.90 5.67	17.21 -0.96 4.16
SITHE___STERLING 23777	17.30 0.44 0.00	15.37 0.39 0.00	13.24 0.25 0.00	12.33 0.24 0.00	14.12 0.30 0.00	17.42 0.52 0.00	25.11 0.81 0.35	26.02 0.87 0.42	27.72 0.93 0.51	29.95 1.00 0.59	32.88 1.01 0.74	33.80 1.14 0.78	34.42 1.19 0.81	36.14 1.28 0.88	36.79 1.24 0.91	40.17 1.36 1.11	41.05 1.39 1.14	41.51 1.36 1.18	42.47 1.48 1.23	49.22 1.90 1.55	38.29 1.25 1.02	30.88 0.92 0.64	24.67 0.75 0.36	22.70 0.62 0.26
SOUTH CAIRO___GT 23612	25.48 1.30 -7.32	24.50 1.17 -8.35	22.23 1.00 -8.23	22.16 0.92 -9.15	22.58 1.08 -7.69	23.19 1.28 -5.01	26.74 2.09 0.00	35.31 2.53 -7.20	33.11 2.68 -3.14	37.08 2.95 -4.59	38.22 3.36 -2.26	36.72 3.28 0.00	37.69 3.27 -0.38	39.29 3.54 -0.01	40.13 3.65 -0.03	44.25 4.15 -0.18	45.03 4.20 -0.01	47.39 4.46 -1.60	46.78 4.56 0.00	54.24 5.38 0.00	41.82 3.77 0.00	37.83 2.97 -4.26	28.01 2.16 -1.58	25.45 1.81 -1.30
SOUTH HAMPTN___IC 23720	28.51 2.87 -8.78	25.99 2.59 -8.42	22.49 2.17 -7.33	22.21 1.98 -8.14	22.87 2.21 -6.84	24.68 2.92 -4.86	36.23 4.53 -7.05	40.66 4.86 -10.22	36.66 5.30 -4.07	39.58 5.79 -4.26	42.90 6.85 -3.45	44.04 6.96 -3.64	46.56 7.12 -5.41	49.20 7.51 -5.96	50.36 7.80 -6.10	51.43 8.66 -2.84	54.87 8.78 -5.28	58.21 8.84 -8.04	60.95 8.87 -9.87	61.93 10.12 -2.95	51.83 7.92 -5.87	45.39 6.49 -8.31	38.37 4.98 -9.12	34.96 4.38 -8.25
SOUTHOLD___IC 23719	28.85 3.20 -8.78	26.31 2.91 -8.42	22.75 2.43 -7.33	22.44 2.21 -8.14	23.13 2.47 -6.84	25.02 3.26 -4.86	36.77 5.08 -7.05	41.22 5.42 -10.22	37.26 5.90 -4.07	40.23 6.44 -4.26	43.72 7.66 -3.45	44.88 7.79 -3.64	47.47 8.03 -5.41	50.13 8.43 -5.96	51.35 8.79 -6.10	52.55 9.78 -2.84	56.01 9.92 -5.28	59.32 9.96 -8.05	62.13 10.04 -9.87	63.30 11.48 -2.95	52.90 8.98 -5.87	46.22 7.31 -8.31	38.96 5.56 -9.12	35.46 4.87 -8.25
ST LAWRENCE____ 23600	16.00 -0.86 0.00	14.14 -0.84 0.00	12.36 -0.64 0.00	11.50 -0.59 0.00	13.09 -0.72 0.00	15.98 -0.91 0.00	16.93 -1.31 6.41	16.48 -1.41 7.69	16.55 -1.50 9.25	17.19 -1.62 10.71	17.19 -1.79 13.62	17.16 -1.84 14.44	17.26 -1.87 14.90	17.42 -2.11 16.21	17.46 -2.15 16.85	17.12 -2.36 20.45	17.41 -2.28 21.12	17.33 -2.27 21.72	17.25 -2.32 22.64	17.64 -2.64 28.59	17.22 -2.06 18.77	17.24 -1.59 11.76	16.39 -1.26 6.62	16.29 -1.18 4.87
STATION 5_MISC_HYD 23604	16.97 -0.24 -0.35	15.27 -0.10 -0.40	13.11 -0.27 -0.39	12.23 -0.29 -0.43	13.97 -0.21 -0.36	16.86 -0.27 -0.24	24.16 -0.40 0.09	25.60 -0.21 -0.23	26.99 -0.33 -0.02	29.14 -0.44 -0.05	31.94 -0.42 0.24	32.84 -0.40 0.20	33.72 -0.03 0.29	35.26 -0.25 0.23	36.08 -0.15 0.24	39.24 -0.36 0.32	40.10 -0.41 0.30	40.31 -0.79 0.23	41.40 -0.50 0.32	48.18 -0.29 0.40	37.56 -0.23 0.26	30.09 -0.49 0.02	23.70 -0.56 0.02	22.17 -0.16 0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.13 -0.07 -0.34	15.38 0.01 -0.39	13.23 -0.14 -0.38	12.35 -0.16 -0.42	14.10 -0.07 -0.36	17.06 -0.07 -0.23	24.50 -0.05 0.10	25.89 0.10 -0.22	27.30 0.00 -0.01	29.50 -0.06 -0.03	32.29 -0.07 0.25	33.19 -0.03 0.22	34.01 0.27 0.30	35.64 0.14 0.25	36.39 0.18 0.26	39.62 0.04 0.34	40.49 0.00 0.32	40.82 -0.25 0.25	41.88 0.00 0.34	48.73 0.29 0.43	37.96 0.19 0.28	30.44 -0.12 0.03	24.01 -0.24 0.03	22.35 0.02 0.01



STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.85 -0.35 -0.34	15.16 -0.21 -0.39	13.03 -0.35 -0.39	12.15 -0.36 -0.43	13.88 -0.29 -0.36	16.76 -0.37 -0.24	24.01 -0.54 0.09	25.45 -0.36 -0.23	26.82 -0.49 -0.02	28.99 -0.59 -0.04	31.74 -0.62 0.24	32.64 -0.60 0.20	33.51 -0.24 0.29	35.04 -0.47 0.23	35.86 -0.36 0.24	39.00 -0.60 0.32	39.86 -0.65 0.30	40.10 -0.99 0.23	41.14 -0.76 0.32	47.88 -0.58 0.40	37.33 -0.45 0.26	29.90 -0.67 0.02	23.55 -0.70 0.02	22.02 -0.31 0.01
STEEL___WIND 323596	17.21 -0.10 -0.45	15.62 0.12 -0.52	13.32 -0.18 -0.51	12.46 -0.19 -0.57	14.18 -0.11 -0.48	17.07 -0.14 -0.31	24.36 -0.20 0.09	26.02 0.10 -0.34	27.40 0.03 -0.07	29.79 0.15 -0.11	32.78 0.42 0.25	33.59 0.33 0.19	34.41 0.68 0.30	36.05 0.54 0.22	36.89 0.66 0.23	40.00 0.40 0.32	40.89 0.37 0.29	40.88 -0.25 0.19	41.96 0.04 0.30	48.78 0.29 0.38	38.10 0.30 0.25	30.82 0.18 -0.03	23.95 -0.34 -0.01	22.57 0.22 -0.02
STEBEN_REC_LFGE 323667	17.85 0.42 -0.56	16.10 0.48 -0.64	13.81 0.18 -0.63	12.95 0.16 -0.70	14.70 0.29 -0.59	17.70 0.42 -0.39	25.37 0.81 0.09	27.10 1.07 -0.45	28.45 1.04 -0.11	30.92 1.21 -0.17	33.61 1.27 0.26	34.65 1.40 0.20	35.24 1.53 0.33	37.12 1.61 0.23	37.76 1.53 0.24	41.10 1.52 0.34	42.07 1.55 0.29	42.30 1.16 0.17	43.35 1.44 0.31	50.43 1.96 0.39	39.39 1.60 0.26	31.75 1.07 -0.08	24.82 0.51 -0.03	23.20 0.83 -0.03
STONY___BROOK 24151	27.89 2.23 -8.81	25.39 1.98 -8.43	21.99 1.66 -7.33	21.73 1.50 -8.14	22.34 1.68 -6.84	23.99 2.23 -4.86	35.15 3.48 -7.03	39.49 3.71 -10.21	35.43 4.07 -4.06	38.16 4.37 -4.26	41.08 5.02 -3.46	42.18 5.05 -3.68	44.53 5.04 -5.46	47.12 5.36 -6.03	48.10 5.47 -6.17	48.84 6.03 -2.89	52.32 6.16 -5.34	55.68 6.24 -8.12	58.45 6.25 -9.98	58.89 7.04 -2.98	49.72 5.63 -6.04	43.82 4.87 -8.36	37.32 3.86 -9.18	34.08 3.42 -8.32
STURGEON_POOL_HYD 23609	24.71 1.18 -6.67	23.63 1.03 -7.61	21.37 0.87 -7.50	21.23 0.80 -8.34	21.75 0.93 -7.01	22.61 1.15 -4.57	26.54 1.90 0.00	34.26 2.12 -6.56	32.48 2.32 -2.86	36.20 2.51 -4.16	37.34 2.87 -1.87	36.39 2.94 0.00	37.23 2.96 -0.23	38.96 3.22 -0.01	39.80 3.32 -0.02	43.70 3.67 -0.11	44.53 3.71 -0.01	46.67 3.88 -1.46	46.06 3.84 0.00	53.21 4.35 0.00	41.36 3.31 0.00	37.17 2.75 -3.82	27.85 2.14 -1.44	25.38 1.85 -1.19
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.09 0.99 -5.23	21.83 0.88 -5.97	19.62 0.74 -5.88	19.30 0.68 -6.54	20.08 0.77 -5.50	21.46 0.98 -3.58	26.25 1.60 0.00	32.48 1.76 -5.15	31.53 1.99 -2.24	34.60 2.13 -2.94	34.07 2.41 0.94	35.92 2.47 0.00	35.17 2.45 1.32	38.34 2.64 0.05	39.14 2.77 0.09	42.33 3.03 0.62	43.82 3.06 0.05	45.69 3.23 -1.15	45.34 3.12 0.00	52.39 3.52 0.00	40.83 2.78 0.00	35.03 2.30 -2.14	27.25 1.84 -1.13	24.85 1.59 -0.93
SYNERGY___BIOGAS 323694	17.22 -0.05 -0.41	15.58 0.13 -0.47	13.31 -0.14 -0.46	12.42 -0.18 -0.51	14.20 -0.04 -0.43	17.09 -0.08 -0.28	24.48 -0.07 0.09	26.15 0.28 -0.30	27.51 0.16 -0.05	29.74 0.12 -0.08	32.62 0.26 0.24	33.48 0.24 0.20	34.52 0.78 0.30	35.98 0.46 0.22	36.92 0.69 0.24	40.08 0.48 0.32	40.93 0.41 0.29	40.95 -0.16 0.21	42.21 0.30 0.31	49.21 0.73 0.39	38.25 0.46 0.26	30.67 0.06 -0.01	23.96 -0.32 0.00	22.57 0.22 -0.01
SYRACUSE___ENERGY_ST1 323597	17.21 0.10 -0.25	15.39 0.12 -0.29	13.32 0.04 -0.28	12.44 0.04 -0.32	14.16 0.08 -0.26	17.20 0.13 -0.17	24.66 0.15 0.14	25.66 0.00 -0.08	27.13 -0.08 0.09	29.36 -0.09 0.09	32.11 -0.16 0.33	33.03 -0.10 0.31	33.63 -0.03 0.38	35.39 0.00 0.35	36.02 -0.07 0.37	39.34 -0.12 0.47	40.19 -0.16 0.45	40.71 -0.21 0.41	41.61 -0.13 0.49	48.16 -0.10 0.61	37.57 -0.08 0.40	30.36 -0.09 0.15	24.21 0.02 0.09	22.37 0.09 0.06
SYRACUSE___ENERGY_ST2 323598	17.21 0.10 -0.25	15.39 0.12 -0.29	13.32 0.04 -0.28	12.44 0.04 -0.32	14.16 0.08 -0.26	17.20 0.13 -0.17	24.66 0.15 0.14	25.66 0.00 -0.08	27.13 -0.08 0.09	29.36 -0.09 0.09	32.11 -0.16 0.33	33.03 -0.10 0.31	33.63 -0.03 0.38	35.39 0.00 0.35	36.02 -0.07 0.37	39.34 -0.12 0.47	40.19 -0.16 0.45	40.71 -0.21 0.41	41.61 -0.13 0.49	48.16 -0.10 0.61	37.57 -0.08 0.40	30.36 -0.09 0.15	24.21 0.02 0.09	22.37 0.09 0.06
SYRACUSE___POWER 24017	17.24 0.13 -0.24	15.39 0.13 -0.28	13.34 0.07 -0.27	12.44 0.05 -0.31	14.17 0.10 -0.26	17.21 0.15 -0.17	24.72 0.22 0.15	25.84 0.20 -0.06	27.32 0.14 0.11	29.57 0.15 0.11	32.35 0.10 0.35	33.28 0.17 0.34	33.84 0.21 0.40	35.61 0.25 0.38	36.25 0.18 0.40	39.58 0.16 0.50	40.48 0.16 0.49	40.99 0.12 0.45	41.86 0.17 0.53	48.50 0.29 0.66	37.80 0.19 0.44	30.52 0.09 0.17	24.27 0.10 0.10	22.40 0.13 0.07
TRIGEN___CC 323695	30.67 1.74 -12.07	26.35 1.51 -9.86	21.61 1.29 -7.33	21.41 1.17 -8.15	21.97 1.31 -6.85	23.80 1.72 -5.18	31.42 2.69 -4.09	37.03 2.84 -8.62	33.98 3.14 -3.54	37.19 3.39 -4.26	41.39 3.88 -4.91	47.34 3.98 -9.92	50.78 3.91 -12.83	56.11 4.18 -16.20	57.35 4.37 -16.52	54.08 4.83 -9.33	60.05 4.89 -14.35	65.82 5.00 -19.50	74.08 4.89 -26.97	62.51 5.62 -8.03	73.75 4.45 -31.25	49.89 3.73 -15.57	44.67 2.96 -17.43	43.22 2.61 -18.27
UNION___PROCESSING_DRP 323587	16.92 -0.29 -0.35	15.23 -0.15 -0.40	13.09 -0.30 -0.39	12.21 -0.31 -0.43	13.94 -0.23 -0.37	16.81 -0.32 -0.24	24.09 -0.47 0.09	25.53 -0.28 -0.23	26.91 -0.41 -0.02	29.05 -0.53 -0.05	31.84 -0.52 0.24	32.74 -0.50 0.20	33.61 -0.14 0.29	35.15 -0.36 0.23	35.97 -0.25 0.24	39.12 -0.48 0.32	39.98 -0.53 0.30	40.18 -0.91 0.23	41.27 -0.63 0.32	48.03 -0.44 0.40	37.44 -0.34 0.26	30.03 -0.55 0.02	23.63 -0.63 0.02	22.11 -0.22 0.01
UPPER HUDSON___HYD 24058	27.05 1.16 -9.02	26.26 0.99 -10.30	24.00 0.86 -10.15	24.19 0.82 -11.28	24.27 0.98 -9.48	24.29 1.22 -6.18	26.61 2.04 0.09	36.54 2.20 -8.77	33.50 2.46 -3.74	37.77 2.72 -5.52	37.97 2.74 -2.63	36.09 2.84 0.19	37.22 2.89 -0.30	38.18 2.64 0.20	38.97 2.70 0.19	43.04 3.15 0.04	44.10 3.55 0.26	46.56 3.55 -1.69	46.06 4.14 0.30	53.33 4.84 0.38	41.49 3.69 0.25	38.55 2.85 -5.11	28.19 2.06 -1.85	25.68 1.81 -1.54
UPPER RAQUET___HYD 24056	16.03 -0.83 0.00	14.11 -0.87 0.00	12.29 -0.70 0.00	11.45 -0.64 0.00	13.03 -0.79 0.00	16.05 -0.84 0.00	18.38 -1.13 5.14	18.10 -1.30 6.17	18.24 -1.64 7.42	19.01 -1.92 8.60	19.63 -2.15 10.82	19.80 -2.17 11.47	19.92 -2.28 11.83	19.93 -2.93 12.87	20.05 -3.03 13.38	20.33 -3.35 16.24	20.83 -3.22 16.75	21.03 -3.06 17.23	21.38 -2.87 17.96	23.50 -2.69 22.68	21.14 -2.02 14.89	19.92 -1.35 9.33	18.00 -1.02 5.25	17.43 -1.05 3.86
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.54 0.68 -1.00	16.73 0.60 -1.15	14.55 0.43 -1.13	13.75 0.41 -1.25	15.35 0.48 -1.05	18.32 0.74 -0.69	25.83 1.18 0.00	27.81 1.25 -0.99	29.09 1.36 -0.43	31.58 1.48 -0.57	34.02 1.56 0.14	35.15 1.70 0.00	35.54 1.73 0.23	37.59 1.86 0.01	38.34 1.89 0.02	41.89 2.07 0.11	42.96 2.16 0.01	43.69 2.15 -0.22	44.45 2.24 0.00	51.60 2.73 0.00	39.99 1.94 0.00	32.52 1.50 -0.42	25.75 1.26 -0.22	23.61 1.09 -0.18



VISCHER___FERRY HYD 24020	26.85 1.03 -8.97	26.14 0.93 -10.23	23.86 0.78 -10.08	24.03 0.74 -11.21	24.10 0.87 -9.42	24.08 1.05 -6.14	26.24 1.68 0.08	36.08 1.79 -8.72	32.99 1.97 -3.72	37.18 2.15 -5.49	37.61 2.38 -2.63	35.67 2.41 0.19	36.76 2.42 -0.31	37.98 2.43 0.19	38.76 2.48 0.18	42.73 2.83 0.03	43.50 2.94 0.25	46.02 3.01 -1.69	45.13 3.21 0.29	52.17 3.67 0.36	40.63 2.82 0.24	37.95 2.26 -5.08	27.82 1.70 -1.85	25.37 1.50 -1.53
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.85 1.23 -5.76	22.64 1.08 -6.58	20.39 0.91 -6.48	20.12 0.83 -7.20	20.82 0.95 -6.05	22.04 1.20 -3.95	26.59 1.95 0.00	33.34 2.10 -5.67	32.14 2.37 -2.47	35.24 2.54 -3.17	34.00 2.90 1.50	36.42 2.98 0.00	35.25 2.96 1.74	38.86 3.18 0.06	39.66 3.32 0.12	42.73 3.63 0.82	44.46 3.71 0.07	46.43 3.84 -1.26	45.93 3.72 0.00	53.07 4.20 0.00	41.36 3.31 0.00	35.57 2.78 -2.19	27.75 2.23 -1.24	25.33 1.97 -1.03
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.88 1.52 -6.51	23.71 1.30 -7.42	21.40 1.09 -7.32	21.22 1.00 -8.13	21.79 1.15 -6.83	22.85 1.50 -4.45	27.07 2.42 -0.01	34.56 2.58 -6.41	35.71 2.89 -5.52	38.01 3.13 -5.35	40.44 3.59 -4.25	39.60 3.65 -2.51	41.93 3.68 -4.22	43.70 3.90 -4.07	43.95 4.05 -3.44	45.01 4.43 -0.66	45.76 4.53 -0.42	47.38 4.63 -1.43	46.74 4.52 0.00	53.90 5.03 0.00	42.08 4.03 0.00	38.51 3.40 -4.52	29.70 2.69 -2.73	25.86 2.37 -1.16
WADING RIVER_IC_1 23522	27.97 2.33 -8.78	25.48 2.08 -8.42	22.07 1.74 -7.33	21.81 1.58 -8.14	22.43 1.77 -6.84	24.10 2.35 -4.86	35.32 3.62 -7.05	39.66 3.86 -10.22	35.60 4.23 -4.07	38.34 4.55 -4.26	41.30 5.25 -3.45	42.36 5.28 -3.63	44.74 5.31 -5.40	47.33 5.64 -5.95	48.38 5.83 -6.09	49.23 6.47 -2.84	52.65 6.57 -5.27	56.01 6.65 -8.03	58.74 6.67 -9.85	59.38 7.57 -2.94	49.90 6.01 -5.84	43.95 5.05 -8.30	37.37 3.98 -9.11	34.10 3.53 -8.24
WADING RIVER_IC_2 23547	27.97 2.33 -8.78	25.48 2.08 -8.42	22.07 1.74 -7.33	21.81 1.58 -8.14	22.43 1.77 -6.84	24.10 2.35 -4.86	35.32 3.62 -7.05	39.66 3.86 -10.22	35.60 4.23 -4.07	38.34 4.55 -4.26	41.30 5.25 -3.45	42.36 5.28 -3.63	44.74 5.31 -5.40	47.33 5.64 -5.95	48.38 5.83 -6.09	49.23 6.47 -2.84	52.65 6.57 -5.27	56.01 6.65 -8.03	58.74 6.67 -9.85	59.38 7.57 -2.94	49.90 6.01 -5.84	43.95 5.05 -8.30	37.37 3.98 -9.11	34.10 3.53 -8.24
WADING RIVER_IC_3 23601	27.97 2.33 -8.78	25.48 2.08 -8.42	22.07 1.74 -7.33	21.81 1.58 -8.14	22.43 1.77 -6.84	24.10 2.35 -4.86	35.32 3.62 -7.05	39.66 3.86 -10.22	35.60 4.23 -4.07	38.34 4.55 -4.26	41.30 5.25 -3.45	42.36 5.28 -3.63	44.74 5.31 -5.40	47.33 5.64 -5.95	48.38 5.83 -6.09	49.23 6.47 -2.84	52.65 6.57 -5.27	56.01 6.65 -8.03	58.74 6.67 -9.85	59.38 7.57 -2.94	49.90 6.01 -5.84	43.95 5.05 -8.30	37.37 3.98 -9.11	34.10 3.53 -8.24
WALDEN___HYDRO 24148	23.92 1.11 -5.95	22.74 0.97 -6.79	20.49 0.81 -6.69	20.27 0.75 -7.43	20.92 0.86 -6.25	22.05 1.08 -4.07	26.44 1.80 0.00	33.47 2.05 -5.85	32.09 2.24 -2.55	35.55 2.42 -3.59	36.15 2.74 -0.81	36.25 2.81 0.00	36.53 2.82 0.33	38.80 3.07 0.01	39.61 3.17 0.02	43.28 3.51 0.15	44.34 3.55 0.01	46.38 3.76 -1.30	45.89 3.67 0.00	53.12 4.25 0.00	41.25 3.20 0.00	36.33 2.63 -3.10	27.60 2.04 -1.28	25.14 1.74 -1.06
WARRENSBURG___ 23737	27.05 1.16 -9.02	26.26 0.99 -10.30	24.00 0.86 -10.15	24.19 0.82 -11.28	24.27 0.98 -9.48	24.29 1.22 -6.18	26.61 2.04 0.09	36.54 2.20 -8.77	33.50 2.46 -3.74	37.77 2.72 -5.52	37.97 2.74 -2.63	36.09 2.84 0.19	37.22 2.89 -0.30	38.18 2.64 0.20	38.97 2.70 0.19	43.04 3.15 0.04	44.10 3.55 0.26	46.56 3.55 -1.69	46.06 4.14 0.30	53.33 4.84 0.38	41.49 3.69 0.25	38.55 2.85 -5.11	28.19 2.06 -1.85	25.68 1.81 -1.54
WATERSIDE___6 8 9 23538	24.99 1.62 -6.51	23.80 1.39 -7.43	21.49 1.17 -7.32	21.30 1.08 -8.14	21.88 1.23 -6.84	22.94 1.59 -4.46	27.19 2.54 -0.01	34.72 2.74 -6.41	36.01 3.00 -5.71	38.14 3.19 -5.42	40.54 3.62 -4.32	39.80 3.68 -2.68	42.18 3.71 -4.43	44.05 3.97 -4.35	44.29 4.16 -3.67	45.10 4.51 -0.66	45.74 4.49 -0.45	47.42 4.67 -1.43	46.82 4.60 0.00	53.80 4.93 0.00	42.27 4.22 0.00	38.62 3.49 -4.54	29.89 2.79 -2.82	26.00 2.50 -1.16
WDELAWARE___HYD 323627	23.16 1.16 -5.13	21.87 1.03 -5.86	19.63 0.86 -5.77	19.30 0.80 -6.42	20.13 0.93 -5.39	21.57 1.16 -3.51	26.59 1.95 0.00	32.90 2.28 -5.05	32.01 2.51 -2.20	35.33 2.69 -3.11	36.43 3.03 -0.79	36.59 3.14 0.00	36.98 3.17 0.22	39.16 3.43 0.01	39.98 3.54 0.01	43.73 3.91 0.11	44.76 3.96 0.01	46.66 4.22 -1.12	46.44 4.22 0.00	53.80 4.93 0.00	41.59 3.54 0.00	36.15 2.85 -2.71	27.57 2.19 -1.10	25.08 1.83 -0.91
WEST BABYLON___IC 23714	28.73 2.28 -9.59	25.75 1.99 -8.78	22.00 1.68 -7.33	21.76 1.52 -8.15	22.37 1.71 -6.84	24.08 2.25 -4.94	34.86 3.50 -6.72	39.30 3.68 -10.04	35.35 4.04 -4.01	38.16 4.37 -4.26	41.33 4.95 -3.77	43.47 5.02 -5.02	46.04 4.97 -7.03	49.19 5.26 -8.20	50.31 5.47 -8.38	50.21 6.03 -4.26	54.20 6.12 -7.27	58.15 6.28 -10.55	62.04 6.21 -13.62	59.96 7.04 -4.06	55.15 5.67 -11.43	45.24 4.74 -9.90	39.13 3.81 -11.05	36.43 3.37 -10.72
WEST CANADA___HYD 24049	16.83 0.13 0.16	14.92 0.12 0.18	12.91 0.09 0.18	11.97 0.09 0.20	13.76 0.11 0.17	16.94 0.15 0.11	24.65 0.22 0.22	25.39 0.23 0.42	27.16 0.25 0.38	29.37 0.30 0.46	32.40 0.29 0.49	33.29 0.33 0.49	33.88 0.34 0.50	35.55 0.36 0.55	36.22 0.33 0.57	39.59 0.36 0.69	40.47 0.37 0.71	40.93 0.37 0.76	41.88 0.42 0.76	48.39 0.49 0.96	37.76 0.34 0.63	30.39 0.27 0.48	24.24 0.22 0.26	22.34 0.20 0.19
WESTERN_NY_WIND 24143	17.20 -0.07 -0.41	15.57 0.12 -0.47	13.30 -0.16 -0.46	12.41 -0.19 -0.51	14.19 -0.06 -0.43	17.07 -0.10 -0.28	24.44 -0.12 0.09	26.13 0.26 -0.30	27.48 0.14 -0.05	29.68 0.06 -0.08	32.59 0.23 0.24	33.45 0.20 0.20	34.46 0.72 0.30	35.94 0.43 0.22	36.88 0.66 0.24	40.00 0.40 0.32	40.88 0.37 0.29	40.91 -0.21 0.21	42.12 0.21 0.31	49.11 0.63 0.39	38.17 0.38 0.26	30.64 0.03 -0.01	23.94 -0.34 0.00	22.54 0.20 -0.01
WESTOVER___LESR 323668	18.00 0.34 -0.81	16.25 0.34 -0.92	14.10 0.20 -0.91	13.28 0.18 -1.01	14.91 0.25 -0.85	17.80 0.36 -0.55	25.16 0.59 0.08	26.94 0.66 -0.70	28.22 0.68 -0.24	30.60 0.74 -0.33	33.27 0.78 0.11	34.31 0.87 0.00	34.77 0.92 0.18	36.70 0.97 0.01	37.40 0.95 0.01	40.79 0.96 0.09	41.53 0.98 0.25	42.11 0.87 0.08	42.84 0.89 0.27	49.70 1.17 0.34	38.78 0.95 0.22	31.50 0.70 -0.20	24.83 0.46 -0.10	22.96 0.54 -0.09
WETHRSFD_WT_PWR 323626	17.32 -0.03 -0.50	15.68 0.13 -0.57	13.42 -0.13 -0.56	12.56 -0.14 -0.62	14.28 -0.06 -0.52	17.17 -0.07 -0.34	24.49 -0.07 0.09	26.11 0.15 -0.38	27.44 0.05 -0.09	29.82 0.15 -0.14	32.61 0.26 0.25	33.49 0.24 0.19	34.20 0.48 0.31	35.91 0.39 0.22	36.67 0.44 0.23	39.80 0.20 0.33	40.77 0.25 0.29	40.89 -0.25 0.18	41.92 0.00 0.30	48.73 0.25 0.38	38.07 0.27 0.25	30.77 0.12 -0.05	24.03 -0.27 -0.02	22.56 0.20 -0.02



WHAVSTOR_138_KV_BK127_REV_LBMP_G	23.79	22.58	20.34	20.09	20.77	21.99	26.47	33.20	31.99	35.04	33.73	36.19	34.98	38.61	39.41	42.44	44.17	46.14	45.64	52.73	41.13	35.38	27.63	25.22
345015	1.15	1.00	0.84	0.77	0.88	1.13	1.82	1.94	2.21	2.33	2.67	2.74	2.72	2.93	3.06	3.35	3.43	3.55	3.42	3.86	3.08	2.60	2.11	1.85
	-5.78	-6.60	-6.50	-7.23	-6.07	-3.96	0.00	-5.69	-2.48	-3.18	1.55	0.00	1.78	0.06	0.12	0.84	0.07	-1.27	0.00	0.00	0.00	-2.18	-1.24	-1.03
YORK____WARBASSE	25.03	23.81	21.49	21.30	21.87	22.93	27.19	34.72	36.01	38.17	40.54	39.83	42.25	44.12	44.32	45.14	45.82	47.50	46.90	53.90	42.31	38.71	29.94	26.05
23770	1.65	1.39	1.17	1.08	1.22	1.57	2.54	2.74	3.00	3.22	3.62	3.71	3.78	4.04	4.19	4.55	4.57	4.75	4.69	5.03	4.26	3.58	2.84	2.55
	-6.51	-7.43	-7.32	-8.14	-6.84	-4.46	-0.01	-6.41	-5.71	-5.42	-4.32	-2.68	-4.43	-4.35	-3.67	-0.66	-0.45	-1.43	0.00	0.00	0.00	-4.54	-2.82	-1.17