

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/28/2020

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	39.79	29.41	24.90	27.57	27.24	30.31	31.51	29.78	30.73	44.94	42.29	42.02	35.01	29.83	29.16	29.79	30.57	40.46	31.17	29.46	35.64	25.23	22.18	18.26
24138	1.35	1.16	0.88	0.03	0.03	0.10	-0.34	0.35	-0.18	-0.02	0.42	-0.46	-0.29	0.52	1.95	0.72	0.00	-0.07	0.73	2.41	0.33	0.01	1.64	1.36
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.18	-37.75	-46.86	-38.19	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.42	-4.06
74TH STREET_GT_1	39.79	29.42	24.91	27.57	27.24	30.31	31.51	29.78	30.73	44.94	42.29	42.03	35.02	29.82	29.13	29.79	30.57	40.46	31.17	29.45	35.64	25.23	22.18	18.26
24260	1.35	1.16	0.88	0.03	0.03	0.10	-0.34	0.34	-0.18	-0.02	0.42	-0.46	-0.29	0.51	1.92	0.71	0.00	-0.07	0.72	2.40	0.33	0.01	1.65	1.36
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
74TH STREET_GT_2	39.79	29.42	24.91	27.57	27.24	30.31	31.51	29.78	30.73	44.94	42.29	42.03	35.02	29.82	29.13	29.79	30.57	40.46	31.17	29.45	35.64	25.23	22.18	18.26
24261	1.35	1.16	0.88	0.03	0.03	0.10	-0.34	0.34	-0.18	-0.02	0.42	-0.46	-0.29	0.51	1.92	0.71	0.00	-0.07	0.72	2.40	0.33	0.01	1.65	1.36
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
ADK HUDSON___FALLS	48.69	35.16	30.14	38.05	37.58	41.51	45.26	39.71	43.37	62.35	56.77	60.16	49.78	39.12	32.23	38.32	42.40	56.36	40.26	31.08	48.04	34.91	23.79	19.38
24011	1.03	0.87	0.63	0.03	0.02	0.08	-0.28	0.23	-0.15	-0.02	0.36	-0.37	-0.25	0.41	1.55	0.59	-0.02	-0.07	0.62	2.07	0.29	0.00	1.16	0.92
	-33.15	-21.72	-19.76	-37.67	-37.23	-40.34	-49.23	-36.13	-45.34	-62.59	-52.30	-64.92	-52.91	-33.81	-12.50	-31.12	-42.62	-57.14	-33.03	-7.07	-44.73	-34.81	-7.51	-5.62
ADK RESOURCE___RCVRY	48.76	35.20	30.17	38.08	37.62	41.54	45.30	39.75	43.40	62.41	56.85	60.19	49.81	39.18	32.35	38.40	42.44	56.40	40.33	31.25	48.10	34.94	23.85	19.43
23798	1.07	0.88	0.64	0.03	0.02	0.07	-0.29	0.24	-0.16	-0.02	0.39	-0.40	-0.27	0.44	1.65	0.64	-0.03	-0.07	0.67	2.23	0.31	0.00	1.22	0.96
	-33.18	-21.74	-19.78	-37.71	-37.26	-40.38	-49.28	-36.16	-45.37	-62.65	-52.35	-64.98	-52.96	-33.84	-12.51	-31.15	-42.66	-57.18	-33.06	-7.07	-44.77	-34.84	-7.52	-5.62
ADK S GLENS___FALLS	48.69	35.16	30.14	38.05	37.58	41.51	45.26	39.71	43.37	62.35	56.77	60.16	49.78	39.12	32.23	38.32	42.40	56.36	40.26	31.08	48.04	34.91	23.79	19.38
24028	1.03	0.87	0.63	0.03	0.02	0.08	-0.28	0.23	-0.15	-0.02	0.36	-0.37	-0.25	0.41	1.55	0.59	-0.02	-0.07	0.62	2.07	0.29	0.00	1.16	0.92
	-33.15	-21.72	-19.76	-37.67	-37.23	-40.34	-49.23	-36.13	-45.34	-62.59	-52.30	-64.92	-52.91	-33.81	-12.50	-31.12	-42.62	-57.14	-33.03	-7.07	-44.73	-34.81	-7.51	-5.62
ADK_NYS___DAM	47.22	34.27	29.35	36.22	35.78	39.56	42.84	37.97	41.16	59.30	54.21	57.00	47.20	37.48	31.66	36.81	40.32	53.57	38.63	30.69	45.87	33.22	23.63	19.30
23527	1.18	1.03	0.79	0.03	0.02	0.09	-0.31	0.25	-0.15	-0.02	0.34	-0.38	-0.25	0.41	1.58	0.59	-0.03	-0.07	0.60	2.02	0.29	0.01	1.37	1.10
	-31.54	-20.66	-18.80	-35.84	-35.42	-38.38	-46.84	-34.37	-43.13	-59.55	-49.76	-61.76	-50.34	-32.16	-11.90	-29.61	-40.55	-54.36	-31.42	-6.72	-42.55	-33.12	-7.15	-5.35
AIR_PRODUCTS___DRP	46.24	33.58	28.77	35.59	35.16	38.86	42.13	37.29	40.48	58.28	53.20	56.09	46.44	36.75	30.81	36.04	39.64	52.66	37.83	29.72	45.00	32.64	22.94	18.75
24190	0.75	0.70	0.54	0.02	0.02	0.06	-0.20	0.17	-0.09	-0.01	0.20	-0.21	-0.14	0.24	0.93	0.34	-0.01	-0.04	0.35	1.17	0.17	0.01	0.80	0.65
	-30.98	-20.30	-18.47	-35.22	-34.80	-37.71	-46.02	-33.77	-42.37	-58.51	-48.89	-60.68	-49.46	-31.60	-11.69	-29.09	-39.84	-53.41	-30.87	-6.60	-41.81	-32.54	-7.03	-5.25
ALBANY___1	46.24	33.58	28.77	35.59	35.16	38.86	42.13	37.29	40.48	58.28	53.20	56.09	46.44	36.75	30.81	36.04	39.64	52.66	37.83	29.72	45.00	32.64	22.94	18.75
23571	0.75	0.70	0.54	0.02	0.02	0.06	-0.20	0.17	-0.09	-0.01	0.20	-0.21	-0.14	0.24	0.93	0.34	-0.01	-0.04	0.35	1.17	0.17	0.01	0.80	0.65
	-30.98	-20.30	-18.47	-35.22	-34.80	-37.71	-46.02	-33.77	-42.37	-58.51	-48.89	-60.68	-49.46	-31.60	-11.69	-29.09	-39.84	-53.41	-30.87	-6.60	-41.81	-32.54	-7.03	-5.25
ALBANY___2	46.24	33.58	28.77	35.59	35.16	38.86	42.13	37.29	40.48	58.28	53.20	56.09	46.44	36.75	30.81	36.04	39.64	52.66	37.83	29.72	45.00	32.64	22.94	18.75
23572	0.75	0.70	0.54	0.02	0.02	0.06	-0.20	0.17	-0.09	-0.01	0.20	-0.21	-0.14	0.24	0.93	0.34	-0.01	-0.04	0.35	1.17	0.17	0.01	0.80	0.65
	-30.98	-20.30	-18.47	-35.22	-34.80	-37.71	-46.02	-33.77	-42.37	-58.51	-48.89	-60.68	-49.46	-31.60	-11.69	-29.09	-39.84	-53.41	-30.87	-6.60	-41.81	-32.54	-7.03	-5.25
ALBANY___3	46.24	33.58	28.77	35.59	35.16	38.86	42.13	37.29	40.48	58.28	53.20	56.09	46.44	36.75	30.81	36.04	39.64	52.66	37.83	29.72	45.00	32.64	22.94	18.75
23573	0.75	0.70	0.54	0.02	0.02	0.06	-0.20	0.17	-0.09	-0.01	0.20	-0.21	-0.14	0.24	0.93	0.34	-0.01	-0.04	0.35	1.17	0.17	0.01	0.80	0.65
	-30.98	-20.30	-18.47	-35.22	-34.80	-37.71	-46.02	-33.77	-42.37	-58.51	-48.89	-60.68	-49.46	-31.60	-11.69	-29.09	-39.84	-53.41	-30.87	-6.60	-41.81	-32.54	-7.03	-5.25
ALBANY___4	46.24	33.58	28.77	35.59	35.16	38.86	42.13	37.29	40.48	58.28	53.20	56.09	46.44	36.75	30.81	36.04	39.64	52.66	37.83	29.72	45.00	32.64	22.94	18.75
23574	0.75	0.70	0.54	0.02	0.02	0.06	-0.20	0.17	-0.09	-0.01	0.20	-0.21	-0.14	0.24	0.93	0.34	-0.01	-0.04	0.35	1.17	0.17	0.01	0.80	0.65
	-30.98	-20.30	-18.47	-35.22	-34.80	-37.71	-46.02	-33.77	-42.37	-58.51	-48.89	-60.68	-49.46	-31.60	-11.69	-29.09	-39.84	-53.41	-30.87	-6.60	-41.81	-32.54	-7.03	-5.25

ALBANY___LFGE 323615	47.08 0.88 -31.69	34.15 0.80 -20.77	29.26 0.61 -18.89	36.39 0.02 -36.02	35.95 0.02 -35.59	39.73 0.07 -38.57	43.15 -0.24 -47.08	38.10 0.20 -34.54	41.42 -0.11 -43.35	59.61 -0.01 -59.85	54.36 0.25 -50.01	57.43 -0.26 -62.07	47.53 -0.18 -50.59	37.53 0.30 -32.32	31.29 1.15 -11.95	36.79 0.42 -29.75	40.54 -0.01 -40.75	53.87 -0.05 -54.63	38.62 0.43 -31.58	30.15 1.44 -6.76	45.99 0.20 -42.76	33.38 0.01 -33.28	23.27 0.97 -7.19	19.00 0.78 -5.37
ALCOA_RYNLDS___DRP 24188	14.19 -0.32 0.00	12.18 -0.40 0.00	9.58 -0.18 0.00	0.35 -0.01 0.00	0.33 0.00 0.00	1.06 -0.03 0.00	-3.58 0.11 0.00	3.25 -0.11 0.00	-1.73 0.09 0.00	-0.21 0.01 0.00	3.91 -0.20 0.00	-4.15 0.23 0.00	-2.74 0.15 0.00	4.64 -0.26 0.00	17.26 -0.92 0.00	6.28 -0.34 0.00	-0.18 0.01 0.00	-0.67 0.03 0.00	6.29 -0.31 0.00	20.93 -1.02 0.00	2.87 -0.15 0.00	0.09 0.00 0.00	14.42 -0.69 0.00	12.40 -0.44 0.00
ALCOA___DSASP 323711	14.19 -0.32 0.00	12.18 -0.40 0.00	9.58 -0.18 0.00	0.35 -0.01 0.00	0.33 0.00 0.00	1.06 -0.03 0.00	-3.58 0.11 0.00	3.25 -0.11 0.00	-1.73 0.09 0.00	-0.21 0.01 0.00	3.91 -0.20 0.00	-4.15 0.23 0.00	-2.74 0.15 0.00	4.64 -0.26 0.00	17.26 -0.92 0.00	6.28 -0.34 0.00	-0.18 0.01 0.00	-0.67 0.03 0.00	6.29 -0.31 0.00	20.93 -1.02 0.00	2.87 -0.15 0.00	0.09 0.00 0.00	14.42 -0.69 0.00	12.40 -0.44 0.00
ALLEGHENY___COGEN 23514	18.92 0.20 -4.21	15.46 0.12 -2.76	12.24 -0.03 -2.51	5.14 -0.01 -4.79	5.06 -0.01 -4.73	6.23 0.01 -5.13	2.47 -0.10 -6.26	8.04 0.09 -4.59	3.87 -0.08 -5.76	7.75 0.01 -7.96	10.93 0.16 -6.65	3.68 -0.20 -8.26	3.72 -0.12 -6.73	9.45 0.24 -4.30	20.46 0.69 -1.59	10.85 0.29 -3.96	5.21 -0.02 -5.42	6.52 -0.04 -7.27	11.07 0.26 -4.20	23.75 0.90 -0.90	8.87 0.15 -5.69	4.51 -0.01 -4.43	16.54 0.48 -0.96	13.92 0.36 -0.71
ALTONA_WT_PWR 323606	14.31 -0.20 0.00	12.37 -0.20 0.00	9.61 -0.15 0.00	0.36 0.01 0.00	0.35 0.01 0.00	1.06 -0.02 0.00	-3.52 0.17 0.00	3.18 -0.17 0.00	-1.72 0.10 0.00	-0.21 0.02 0.00	3.86 -0.26 0.00	-4.08 0.30 0.00	-2.71 0.18 0.00	4.57 -0.34 0.00	17.04 -1.14 0.00	6.21 -0.40 0.00	-0.18 0.02 0.00	-0.66 0.05 0.00	6.17 -0.44 0.00	20.48 -1.47 0.00	2.81 -0.22 0.00	0.10 0.01 0.00	14.50 -0.61 0.00	12.42 -0.42 0.00
AMERICAN_REF_FUEL 24010	17.18 -1.16 -3.83	14.02 -1.07 -2.51	11.06 -0.98 -2.29	4.66 -0.05 -4.35	4.59 -0.05 -4.31	5.65 -0.10 -4.67	2.24 0.24 -5.69	7.28 -0.25 -4.18	3.53 0.10 -5.24	7.05 0.04 -7.23	9.87 -0.29 -6.04	3.40 0.28 -7.50	3.42 0.19 -6.12	8.56 -0.25 -3.91	18.23 -1.40 -1.45	9.76 -0.45 -3.60	4.72 -0.02 -4.93	5.94 0.04 -6.61	9.82 -0.60 -3.82	20.88 -1.89 -0.82	7.98 -0.21 -5.17	4.11 -0.01 -4.02	14.81 -1.18 -0.87	12.55 -0.95 -0.65
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.23 -0.60 -4.32	14.87 -0.54 -2.83	11.75 -0.58 -2.57	5.23 -0.03 -4.91	5.16 -0.03 -4.85	6.28 -0.06 -5.25	2.84 0.12 -6.41	7.92 -0.12 -4.69	4.08 0.02 -5.87	7.92 0.04 -8.10	10.82 -0.06 -6.77	4.05 0.03 -8.40	4.01 0.05 -6.85	9.28 0.00 -4.38	19.54 -0.26 -1.62	10.57 -0.07 -4.03	5.31 -0.01 -5.52	6.70 0.01 -7.40	10.69 -0.19 -4.28	22.50 -0.37 -0.91	8.83 0.02 -5.79	4.58 -0.02 -4.51	15.92 -0.17 -0.97	13.32 -0.26 -0.73
ARTHUR_KILL_GT_1 23520	39.68 1.24 -23.93	29.33 1.08 -15.68	24.84 0.82 -14.26	27.57 0.02 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.75 0.32 -26.08	30.75 -0.16 -32.72	44.95 -0.01 -45.19	42.25 0.38 -37.75	42.07 -0.41 -46.86	35.04 -0.27 -38.20	29.77 0.46 -24.40	28.93 1.72 -9.03	29.72 0.64 -22.46	30.57 0.00 -30.77	40.47 -0.06 -41.24	31.10 0.64 -23.84	29.23 2.18 -5.10	35.61 0.30 -32.29	25.23 0.01 -25.13	22.09 1.55 -5.43	18.19 1.29 -4.06
ARTHUR_KILL_2 23512	39.64 1.20 -23.93	29.30 1.04 -15.68	24.82 0.79 -14.26	27.57 0.02 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.54 -0.31 -35.54	29.74 0.31 -26.08	30.75 -0.16 -32.72	44.95 -0.01 -45.19	42.24 0.37 -37.75	42.08 -0.40 -46.86	35.05 -0.26 -38.20	29.76 0.45 -24.40	28.87 1.66 -9.03	29.70 0.62 -22.46	30.57 0.00 -30.77	40.48 -0.06 -41.24	31.08 0.63 -23.84	29.17 2.12 -5.10	35.60 0.29 -32.29	25.23 0.01 -25.13	22.05 1.51 -5.43	18.15 1.25 -4.06
ARTHUR_KILL_3 23513	39.66 1.23 -23.93	29.32 1.06 -15.68	24.83 0.81 -14.26	27.57 0.02 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.54 -0.31 -35.54	29.74 0.31 -26.08	30.75 -0.16 -32.72	44.95 -0.01 -45.18	42.24 0.37 -37.75	42.07 -0.41 -46.86	35.05 -0.26 -38.19	29.77 0.46 -24.40	28.95 1.74 -9.03	29.72 0.64 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.10 0.65 -23.84	29.22 2.18 -5.10	35.61 0.30 -32.29	25.23 0.01 -25.13	22.06 1.53 -5.43	18.17 1.27 -4.06
ARTHUR_KILL_COGEN 323718	39.68 1.24 -23.93	29.33 1.08 -15.68	24.84 0.82 -14.26	27.57 0.02 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.75 0.32 -26.08	30.75 -0.16 -32.72	44.95 -0.01 -45.19	42.25 0.38 -37.75	42.07 -0.41 -46.86	35.04 -0.27 -38.20	29.77 0.46 -24.40	28.93 1.72 -9.03	29.72 0.64 -22.46	30.57 0.00 -30.77	40.47 -0.06 -41.24	31.10 0.64 -23.84	29.23 2.18 -5.10	35.61 0.30 -32.29	25.23 0.01 -25.13	22.09 1.55 -5.43	18.19 1.29 -4.06
ASHOKAN____ 23654	41.17 1.09 -25.57	30.27 0.94 -16.75	25.70 0.70 -15.24	29.43 0.03 -29.06	29.08 0.03 -28.71	32.29 0.08 -31.12	33.95 -0.33 -37.98	31.55 0.33 -27.86	32.99 -0.16 -34.97	48.03 -0.02 -48.28	44.83 0.38 -40.34	45.30 -0.40 -50.07	37.67 -0.25 -40.81	31.40 0.42 -26.08	29.48 1.65 -9.64	31.23 0.61 -24.00	32.67 -0.01 -32.87	43.28 -0.08 -44.07	32.86 0.78 -25.47	29.93 2.53 -5.45	37.89 0.36 -34.50	26.94 0.00 -26.85	22.29 1.39 -5.80	18.29 1.11 -4.34
ASTORIA_EAST_ENERGY_CC1 323581	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_EAST_ENERGY_CC2 323582	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT2_I 24094	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06

ASTORIA_GT2_2 24095	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT2_3 24096	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT2_4 24097	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT3_1 24098	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT3_2 24099	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT3_3 24100	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT3_4 24101	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT4_1 24102	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT4_2 24103	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT4_3 24104	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT4_4 24105	39.74 1.30 -23.93	29.37 1.12 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.05 1.84 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
ASTORIA_GT_1 23523	39.77 1.33 -23.93	29.40 1.14 -15.68	24.87 0.85 -14.26	27.57 0.03 -27.19	27.25 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.18 -32.72	44.95 -0.01 -45.19	42.28 0.41 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.09 1.88 -9.03	29.77 0.70 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.70 -23.84	29.39 2.34 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.15 1.61 -5.43	18.22 1.32 -4.06
ASTORIA_GT_10 24110	39.73 1.29 -23.93	29.36 1.10 -15.68	24.87 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.05 -0.44 -46.86	35.03 -0.28 -38.20	29.81 0.49 -24.40	29.07 1.86 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.14 0.69 -23.84	29.36 2.31 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.12 1.59 -5.43	18.21 1.31 -4.06
ASTORIA_GT_11 24225	39.73 1.29 -23.93	29.36 1.10 -15.68	24.87 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.05 -0.44 -46.86	35.03 -0.28 -38.20	29.81 0.49 -24.40	29.07 1.86 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.14 0.69 -23.84	29.36 2.31 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.12 1.59 -5.43	18.21 1.31 -4.06
ASTORIA_GT_12 24226	39.73 1.29 -23.93	29.36 1.10 -15.68	24.87 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.05 -0.44 -46.86	35.03 -0.28 -38.20	29.81 0.49 -24.40	29.07 1.86 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.14 0.69 -23.84	29.36 2.31 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.12 1.59 -5.43	18.21 1.31 -4.06

ASTORIA_GT_13 24227	39.73	29.36	24.87	27.57	27.24	30.30	31.52	29.77	30.74	44.95	42.27	42.05	35.03	29.81	29.07	29.76	30.57	40.47	31.14	29.36	35.63	25.23	22.12	18.21
	1.29	1.10	0.85	0.03	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.40	-0.44	-0.28	0.49	1.86	0.68	0.00	-0.07	0.69	2.31	0.32	0.01	1.59	1.31
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
ASTORIA_GT_5 24106	39.77	29.40	24.87	27.57	27.25	30.30	31.52	29.77	30.74	44.95	42.28	42.04	35.02	29.81	29.09	29.77	30.57	40.47	31.15	29.39	35.63	25.23	22.15	18.22
	1.33	1.14	0.85	0.03	0.03	0.09	-0.33	0.34	-0.18	-0.01	0.41	-0.44	-0.29	0.50	1.88	0.70	0.00	-0.07	0.70	2.34	0.32	0.01	1.61	1.32
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
ASTORIA_GT_7 24107	39.77	29.40	24.87	27.57	27.25	30.30	31.52	29.77	30.74	44.95	42.28	42.04	35.02	29.81	29.09	29.77	30.57	40.47	31.15	29.39	35.63	25.23	22.15	18.22
	1.33	1.14	0.85	0.03	0.03	0.09	-0.33	0.34	-0.18	-0.01	0.41	-0.44	-0.29	0.50	1.88	0.70	0.00	-0.07	0.70	2.34	0.32	0.01	1.61	1.32
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
ASTORIA_GT_8 24108	39.77	29.40	24.87	27.57	27.25	30.30	31.52	29.77	30.74	44.95	42.28	42.04	35.02	29.81	29.09	29.77	30.57	40.47	31.15	29.39	35.63	25.23	22.15	18.22
	1.33	1.14	0.85	0.03	0.03	0.09	-0.33	0.34	-0.18	-0.01	0.41	-0.44	-0.29	0.50	1.88	0.70	0.00	-0.07	0.70	2.34	0.32	0.01	1.61	1.32
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
ASTORIA___2 24149	39.74	29.37	24.85	27.57	27.24	30.30	31.53	29.76	30.74	44.95	42.27	42.06	35.03	29.80	29.05	29.76	30.57	40.47	31.13	29.34	35.62	25.23	22.12	18.20
	1.30	1.12	0.83	0.03	0.04	0.09	-0.32	0.33	-0.17	-0.01	0.40	-0.43	-0.28	0.49	1.84	0.68	0.00	-0.07	0.69	2.30	0.31	0.01	1.58	1.30
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
ASTORIA___3 23516	39.73	29.36	24.87	27.57	27.24	30.30	31.52	29.77	30.74	44.95	42.27	42.05	35.03	29.81	29.07	29.76	30.57	40.47	31.14	29.36	35.63	25.23	22.12	18.21
	1.29	1.10	0.85	0.03	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.40	-0.44	-0.28	0.49	1.86	0.68	0.00	-0.07	0.69	2.31	0.32	0.01	1.59	1.31
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
ASTORIA___4 23517	39.73	29.36	24.87	27.57	27.24	30.30	31.52	29.77	30.74	44.95	42.27	42.05	35.03	29.81	29.07	29.76	30.57	40.47	31.14	29.36	35.63	25.23	22.12	18.21
	1.29	1.10	0.85	0.03	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.40	-0.44	-0.28	0.49	1.86	0.68	0.00	-0.07	0.69	2.31	0.32	0.01	1.59	1.31
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
ASTORIA___5 23518	39.73	29.36	24.87	27.57	27.24	30.30	31.52	29.77	30.74	44.95	42.27	42.05	35.03	29.81	29.07	29.76	30.57	40.47	31.14	29.36	35.63	25.23	22.12	18.21
	1.29	1.10	0.85	0.03	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.40	-0.44	-0.28	0.49	1.86	0.68	0.00	-0.07	0.69	2.31	0.32	0.01	1.59	1.31
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
AST_ENERGY_2_CC3 323677	39.69	29.34	24.85	27.57	27.24	30.30	31.53	29.76	30.74	44.95	42.26	42.05	35.04	29.79	29.04	29.75	30.57	40.47	31.12	29.31	35.62	25.23	22.09	18.19
	1.25	1.09	0.83	0.03	0.03	0.09	-0.32	0.33	-0.17	-0.01	0.39	-0.43	-0.27	0.48	1.83	0.67	-0.01	-0.07	0.67	2.26	0.31	0.01	1.55	1.29
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.18	-37.75	-46.86	-38.19	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
AST_ENERGY_2_CC4 323678	39.69	29.34	24.85	27.57	27.24	30.30	31.53	29.76	30.74	44.95	42.26	42.05	35.04	29.79	29.04	29.75	30.57	40.47	31.12	29.31	35.62	25.23	22.09	18.19
	1.25	1.09	0.83	0.03	0.03	0.09	-0.32	0.33	-0.17	-0.01	0.39	-0.43	-0.27	0.48	1.83	0.67	-0.01	-0.07	0.67	2.26	0.31	0.01	1.55	1.29
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.18	-37.75	-46.86	-38.19	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
ATHENS_STG_1 23668	42.04	30.79	26.22	30.73	30.35	33.66	35.77	32.66	34.61	50.20	46.51	47.66	39.58	32.45	29.39	32.11	34.15	45.29	33.65	29.06	39.27	28.15	22.16	18.19
	0.82	0.71	0.54	0.02	0.02	0.06	-0.21	0.20	-0.11	-0.01	0.25	-0.27	-0.17	0.30	1.14	0.42	-0.01	-0.04	0.43	1.41	0.20	0.01	0.99	0.81
	-26.71	-17.50	-15.92	-30.36	-30.00	-32.51	-39.67	-29.11	-36.53	-50.44	-42.14	-52.31	-42.64	-27.24	-10.08	-25.08	-34.35	-46.04	-26.61	-5.69	-36.04	-28.05	-6.06	-4.53
ATHENS_STG_2 23670	42.04	30.79	26.22	30.73	30.35	33.66	35.77	32.66	34.61	50.20	46.51	47.66	39.58	32.45	29.39	32.11	34.15	45.29	33.65	29.06	39.27	28.15	22.16	18.19
	0.82	0.71	0.54	0.02	0.02	0.06	-0.21	0.20	-0.11	-0.01	0.25	-0.27	-0.17	0.30	1.14	0.42	-0.01	-0.04	0.43	1.41	0.20	0.01	0.99	0.81
	-26.71	-17.50	-15.92	-30.36	-30.00	-32.51	-39.67	-29.11	-36.53	-50.44	-42.14	-52.31	-42.64	-27.24	-10.08	-25.08	-34.35	-46.04	-26.61	-5.69	-36.04	-28.05	-6.06	-4.53
ATHENS_STG_3 23677	42.04	30.79	26.22	30.73	30.35	33.66	35.77	32.66	34.61	50.20	46.51	47.66	39.58	32.45	29.39	32.11	34.15	45.29	33.65	29.06	39.27	28.15	22.16	18.19
	0.82	0.71	0.54	0.02	0.02	0.06	-0.21	0.20	-0.11	-0.01	0.25	-0.27	-0.17	0.30	1.14	0.42	-0.01	-0.04	0.43	1.41	0.20	0.01	0.99	0.81
	-26.71	-17.50	-15.92	-30.36	-30.00	-32.51	-39.67	-29.11	-36.53	-50.44	-42.14	-52.31	-42.64	-27.24	-10.08	-25.08	-34.35	-46.04	-26.61	-5.69	-36.04	-28.05	-6.06	-4.53
AUBURN___LFGE 323710	17.78	14.75	11.67	3.84	3.79	4.84	0.82	6.74	2.34	5.57	9.08	1.51	1.94	8.19	19.85	9.69	3.75	4.57	9.78	23.02	7.23	3.32	16.06	13.60
	0.20	0.16	0.08	0.00	0.00	0.01	-0.05	0.04	-0.05	-0.01	0.12	-0.12	-0.08	0.16	0.51	0.20	-0.01	-0.01	0.11	0.42	0.07	0.00	0.25	0.24
	-3.07	-2.01	-1.83	-3.49	-3.45	-3.74	-4.56	-3.35	-4.20	-5.80	-4.85	-6.01	-4.90	-3.13	-1.16	-2.88	-3.95	-5.29	-3.06	-0.65	-4.14	-3.23	-0.70	-0.52
BABYLON_RES_REC 323704	54.61	43.34	29.28	27.58	38.66	53.78	50.54	48.60	30.73	44.95	55.17	60.59	53.86	52.56	52.83	42.42	32.72	52.04	76.51	67.74	97.88	60.60	55.59	36.52
	1.44	1.25	0.95	0.03	0.03	0.10	-0.37	0.36	-0.19	-0.01	0.45	-0.50	-0.32	0.56	2.06	0.77	-0.01	-0.08	0.72	2.36	0.36	0.01	1.80	1.45
	-38.65	-29.51	-18.57	-27.20	-38.29	-52.59	-54.60	-44.89	-32.73	-45.19	-50.60	-65.46	-57.07	-47.10	-32.59	-35.03	-32.93	-52.82	-69.18	-43.43	-94.49	-60.50	-38.68	-22.23

BARRETT_IC_1 23704	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_10 23701	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_11 23702	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_12 23703	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_2 23705	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_3 23706	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_4 23707	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_5 23708	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_6 23709	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_7 23710	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_8 23711	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT_IC_9 23700	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT___1 23545	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BARRETT___2 23546	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.65 1.87 -32.59	42.34 0.69 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.83 0.31 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.40 1.33 -22.23
BAYONEEC___CTG1 323682	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06

BAYONEEC___CTG10 323750	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
BAYONEEC___CTG2 323683	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
BAYONEEC___CTG3 323684	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
BAYONEEC___CTG4 323685	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
BAYONEEC___CTG5 323686	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
BAYONEEC___CTG6 323687	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
BAYONEEC___CTG7 323688	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
BAYONEEC___CTG8 323689	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
BAYONEEC___CTG9 323749	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
BEACON___LESR 323632	46.39 1.00 -30.87	33.70 0.89 -20.23	28.84 0.67 -18.40	35.46 0.02 -35.09	35.03 0.02 -34.68	38.74 0.07 -37.58	41.90 -0.26 -45.86	37.24 0.24 -33.65	40.28 -0.13 -42.22	58.06 0.28 -58.30	53.11 0.28 -48.71	55.77 -0.31 -60.46	46.20 -0.20 -49.28	36.70 0.31 -31.49	31.13 1.30 -11.65	36.07 0.48 -28.99	39.49 -0.02 -39.70	52.45 -0.06 -53.21	37.88 0.51 -30.76	30.20 1.67 -6.58	44.91 0.23 -41.66	32.52 0.01 -32.42	23.23 1.12 -7.00	18.98 0.90 -5.23
BEAVER RIVER___HYD 24048	15.02 0.04 -0.48	12.81 -0.08 -0.31	10.00 -0.04 -0.28	0.89 0.00 -0.54	0.88 0.00 -0.54	1.67 0.00 -0.58	-2.98 0.00 -0.71	3.87 0.00 -0.52	-1.15 0.01 -0.65	0.67 0.00 -0.90	4.87 0.00 -0.75	-3.45 -0.01 -0.93	-2.13 -0.01 -0.76	5.39 0.00 -0.49	18.35 -0.02 -0.18	7.06 0.00 -0.45	0.42 0.00 -0.61	0.11 -0.01 -0.82	7.15 0.07 -0.48	22.25 0.20 -0.10	3.67 0.01 -0.64	0.59 -0.01 -0.50	15.11 -0.11 -0.11	12.88 -0.04 -0.08
BEEBEE_GT_13 23619	17.16 -0.34 -2.99	14.20 -0.34 -1.96	11.17 -0.37 -1.78	3.73 -0.02 -3.40	3.68 -0.02 -3.36	4.69 -0.03 -3.64	0.80 0.05 -4.44	6.55 -0.07 -3.26	2.28 0.00 -4.09	5.42 0.00 -5.65	8.81 -0.03 -4.72	1.48 0.00 -5.86	1.89 0.00 -4.77	7.98 0.02 -3.05	19.16 -0.15 -1.13	9.41 -0.02 -2.81	3.64 -0.01 -3.85	4.45 0.00 -5.16	9.48 -0.10 -2.98	22.27 -0.32 -0.64	7.04 -0.02 -4.04	3.22 -0.01 -3.14	15.54 -0.25 -0.68	13.14 -0.21 -0.51
BETHLEHEM___GRP 23843	46.24 0.75 -30.98	33.58 0.70 -20.30	28.77 0.54 -18.47	35.59 0.02 -35.22	35.16 0.02 -34.80	38.86 0.06 -37.71	42.13 -0.20 -46.02	37.29 0.17 -33.77	40.48 -0.09 -42.37	58.28 -0.01 -58.51	53.20 0.20 -48.89	56.09 -0.21 -60.68	46.44 -0.14 -49.46	36.75 0.24 -31.60	30.81 0.93 -11.69	36.04 0.34 -29.09	39.64 -0.01 -39.84	52.66 -0.04 -53.41	37.83 0.35 -30.87	29.72 1.17 -6.60	45.00 0.17 -41.81	32.64 0.01 -32.54	22.94 0.80 -7.03	18.75 0.65 -5.25
BETHLEHEM___GS1 323560	46.24 0.75 -30.98	33.58 0.70 -20.30	28.77 0.54 -18.47	35.59 0.02 -35.22	35.16 0.02 -34.80	38.86 0.06 -37.71	42.13 -0.20 -46.02	37.29 0.17 -33.77	40.48 -0.09 -42.37	58.28 -0.01 -58.51	53.20 0.20 -48.89	56.09 -0.21 -60.68	46.44 -0.14 -49.46	36.75 0.24 -31.60	30.81 0.93 -11.69	36.04 0.34 -29.09	39.64 -0.01 -39.84	52.66 -0.04 -53.41	37.83 0.35 -30.87	29.72 1.17 -6.60	45.00 0.17 -41.81	32.64 0.01 -32.54	22.94 0.80 -7.03	18.75 0.65 -5.25
BETHLEHEM___GS2 323561	46.24 0.75 -30.98	33.58 0.70 -20.30	28.77 0.54 -18.47	35.59 0.02 -35.22	35.16 0.02 -34.80	38.86 0.06 -37.71	42.13 -0.20 -46.02	37.29 0.17 -33.77	40.48 -0.09 -42.37	58.28 -0.01 -58.51	53.20 0.20 -48.89	56.09 -0.21 -60.68	46.44 -0.14 -49.46	36.75 0.24 -31.60	30.81 0.93 -11.69	36.04 0.34 -29.09	39.64 -0.01 -39.84	52.66 -0.04 -53.41	37.83 0.35 -30.87	29.72 1.17 -6.60	45.00 0.17 -41.81	32.64 0.01 -32.54	22.94 0.80 -7.03	18.75 0.65 -5.25

BETHLEHEM___GS3 323562	46.24 0.75 -30.98	33.58 0.70 -20.30	28.77 0.54 -18.47	35.59 0.02 -35.22	35.16 0.02 -34.80	38.86 0.06 -37.71	42.13 -0.20 -46.02	37.29 0.17 -33.77	40.48 -0.09 -42.37	58.28 -0.01 -58.51	53.20 0.20 -48.89	56.09 -0.21 -60.68	46.44 -0.14 -49.46	36.75 0.24 -31.60	30.81 0.93 -11.69	36.04 0.34 -29.09	39.64 -0.01 -39.84	52.66 -0.04 -53.41	37.83 0.35 -30.87	29.72 1.17 -6.60	45.00 0.17 -41.81	32.64 0.01 -32.54	22.94 0.80 -7.03	18.75 0.65 -5.25
BETHLEHEM___STEEL 23779	17.95 -0.68 -4.12	14.65 -0.63 -2.70	11.57 -0.64 -2.45	5.00 -0.03 -4.68	4.92 -0.04 -4.62	6.03 -0.07 -5.01	2.55 0.13 -6.11	7.69 -0.14 -4.49	3.86 0.04 -5.63	7.58 0.04 -7.77	10.47 -0.14 -6.49	3.79 0.11 -8.06	3.76 0.08 -6.57	9.02 -0.08 -4.19	19.09 -0.65 -1.55	10.28 -0.19 -3.86	5.08 -0.02 -5.29	6.40 0.02 -7.09	10.39 -0.31 -4.10	21.92 -0.90 -0.88	8.50 -0.07 -5.55	4.40 -0.01 -4.32	15.51 -0.54 -0.93	13.09 -0.45 -0.70
BETHPAGE_CC_5 323564	54.50 1.34 -38.65	43.26 1.17 -29.51	29.23 0.89 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.78 0.10 -52.59	50.57 -0.34 -54.60	48.58 0.33 -44.89	30.74 -0.17 -32.73	44.95 -0.01 -45.19	55.14 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.66 1.89 -32.59	42.34 0.70 -35.03	32.72 -0.01 -32.93	52.05 -0.07 -52.82	76.45 0.67 -69.18	67.62 2.17 -43.49	97.85 0.33 -94.49	60.60 0.01 -60.50	55.44 1.66 -38.68	36.43 1.35 -22.23
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.09 -0.59 -4.17	14.77 -0.54 -2.73	11.67 -0.57 -2.49	5.06 -0.03 -4.74	4.99 -0.03 -4.68	6.10 -0.06 -5.07	2.61 0.10 -6.19	7.78 -0.12 -4.54	3.92 0.03 -5.70	7.68 0.04 -7.87	10.59 -0.10 -6.57	3.85 0.07 -8.16	3.83 0.06 -6.65	9.11 -0.05 -4.25	19.28 -0.48 -1.57	10.39 -0.13 -3.91	5.15 -0.02 -5.36	6.49 0.01 -7.18	10.51 -0.25 -4.15	22.15 -0.69 -0.89	8.60 -0.04 -5.62	4.46 -0.01 -4.38	15.65 -0.41 -0.94	13.21 -0.34 -0.71
BINGHAMTON___COGEN 23790	22.46 0.14 -7.81	17.81 0.12 -5.12	14.45 0.04 -4.66	9.23 0.00 -8.88	9.11 0.01 -8.77	10.60 0.01 -9.51	7.86 -0.05 -11.60	11.93 0.06 -8.51	8.84 -0.03 -10.68	14.54 0.01 -14.75	16.54 0.10 -12.33	10.80 -0.12 -15.30	9.52 -0.06 -12.47	13.00 0.13 -7.97	21.58 0.45 -2.95	14.10 0.16 -7.33	9.85 0.00 -10.05	12.74 -0.02 -13.46	14.53 0.14 -7.78	24.12 0.50 -1.67	13.65 0.09 -10.54	8.30 0.00 -8.21	17.18 0.30 -1.77	14.41 0.24 -1.33
BLACK RIVER___HYD 24047	15.42 -0.05 -0.95	13.04 -0.16 -0.62	10.17 -0.15 -0.57	1.43 0.00 -1.08	1.41 0.00 -1.07	2.24 0.00 -1.16	-2.25 0.02 -1.42	4.36 -0.03 -1.04	-0.50 0.01 -1.30	1.57 -0.01 -1.80	5.61 0.00 -1.50	-2.52 -0.01 -1.87	-1.37 0.00 -1.52	5.88 -0.05 -0.97	18.50 -0.05 -0.36	7.50 -0.01 -0.89	1.03 0.00 -1.23	0.93 0.00 -1.64	7.65 0.09 -0.95	22.42 0.27 -0.20	4.31 0.00 -1.29	1.09 -0.01 -1.00	15.15 -0.18 -0.21	12.89 -0.11 -0.16
BLISS_WT_PWR 323608	18.37 -0.55 -4.40	14.98 -0.48 -2.88	11.88 -0.50 -2.63	5.33 -0.02 -5.00	5.25 -0.03 -4.95	6.39 -0.06 -5.36	3.02 0.17 -6.54	7.97 -0.19 -4.80	4.29 0.07 -6.03	8.18 0.08 -8.32	10.86 -0.21 -6.96	4.43 0.18 -8.63	4.30 0.15 -7.04	9.22 -0.18 -4.50	19.04 -0.81 -1.66	10.49 -0.26 -4.14	5.46 -0.02 -5.67	6.92 0.03 -7.60	10.68 -0.32 -4.39	22.24 -0.65 -0.94	8.89 -0.08 -5.95	4.71 -0.01 -4.63	15.84 -0.27 -1.00	13.31 -0.28 -0.75
BLUE_CIRC_CHEM_DRP 24182	45.61 0.76 -30.35	33.15 0.69 -19.88	28.38 0.53 -18.09	34.86 0.02 -34.49	34.44 0.02 -34.08	38.08 0.06 -36.93	41.18 -0.20 -45.07	36.60 0.17 -33.07	39.60 -0.09 -41.50	57.07 -0.01 -57.30	52.20 0.21 -47.88	54.82 -0.23 -59.43	45.40 -0.15 -48.44	36.11 0.26 -30.95	30.63 1.00 -11.45	35.47 0.37 -28.49	38.81 -0.01 -39.02	51.55 -0.04 -52.30	37.22 0.37 -30.23	29.67 1.25 -6.47	44.15 0.18 -40.95	31.97 0.01 -31.87	22.85 0.86 -6.88	18.69 0.70 -5.14
BOC_GAS_DRP 24189	45.88 0.70 -30.67	33.30 0.63 -20.09	28.52 0.48 -18.28	35.23 0.02 -34.86	34.80 0.02 -34.45	38.47 0.05 -37.33	41.68 -0.19 -45.55	36.94 0.16 -33.43	40.04 -0.09 -41.95	57.68 -0.01 -57.91	52.71 0.20 -48.39	55.47 -0.22 -60.06	45.93 -0.14 -48.96	36.43 0.24 -31.28	30.70 0.94 -11.57	35.75 0.35 -28.79	39.23 -0.01 -39.44	52.12 -0.04 -52.86	37.52 0.35 -30.56	29.66 1.17 -6.54	44.58 0.17 -41.38	32.31 0.01 -32.21	22.88 0.81 -6.95	18.71 0.66 -5.20
BORALEX_4TH_BRANCH 23824	47.22 1.18 -31.54	34.27 1.03 -20.66	29.35 0.79 -18.80	36.22 0.03 -35.84	35.78 0.02 -35.42	39.56 0.09 -38.38	42.84 -0.31 -46.84	37.97 0.25 -34.37	41.16 -0.15 -43.13	59.30 -0.02 -59.55	54.21 0.34 -49.76	57.00 -0.38 -61.76	47.20 -0.25 -50.34	37.48 0.41 -32.16	31.66 1.58 -11.90	36.81 0.59 -29.61	40.32 -0.03 -40.55	53.57 -0.07 -54.36	38.63 0.60 -31.42	30.69 2.02 -6.72	45.87 0.29 -42.55	33.22 0.01 -33.12	23.63 1.37 -7.15	19.30 1.10 -5.35
BOWLINE___1 23526	38.87 1.06 -23.30	28.76 0.91 -15.26	24.33 0.69 -13.89	26.85 0.02 -26.48	26.53 0.03 -26.17	29.52 0.08 -28.35	30.64 -0.27 -34.60	29.01 0.27 -25.39	29.91 -0.14 -31.86	43.76 -0.01 -43.99	41.20 0.32 -36.76	40.89 -0.36 -45.63	34.08 -0.23 -37.19	29.06 0.39 -23.76	28.45 1.48 -8.79	29.03 0.55 -21.87	29.76 0.00 -29.96	39.39 -0.06 -40.16	30.38 0.55 -23.21	28.75 1.83 -4.97	34.72 0.26 -31.44	24.57 0.01 -24.47	21.70 1.31 -5.28	17.87 1.08 -3.95
BOWLINE___2 23595	38.86 1.06 -23.29	28.76 0.92 -15.26	24.33 0.69 -13.88	26.84 0.02 -26.47	26.52 0.03 -26.16	29.51 0.08 -28.35	30.63 -0.27 -34.59	29.01 0.27 -25.38	29.89 -0.14 -31.85	43.74 -0.01 -43.98	41.19 0.33 -36.74	40.87 -0.36 -45.61	34.06 -0.23 -37.17	29.06 0.40 -23.75	28.46 1.49 -8.79	29.03 0.55 -21.86	29.75 -0.01 -29.95	39.38 -0.06 -40.14	30.37 0.56 -23.20	28.76 1.85 -4.96	34.70 0.26 -31.42	24.56 0.01 -24.46	21.71 1.31 -5.28	17.87 1.08 -3.95
BROOKHAVEN___DRP 24191	54.69 1.53 -38.65	43.41 1.32 -29.51	29.33 1.00 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.38 -44.89	30.72 -0.20 -32.73	44.95 -0.02 -45.19	55.20 0.48 -50.60	60.55 -0.53 -65.46	53.83 -0.35 -57.07	52.60 0.59 -47.10	52.95 2.18 -32.59	42.47 0.82 -35.03	32.72 -0.01 -32.93	52.03 -0.08 -52.82	76.57 0.78 -69.18	67.74 2.54 -43.25	97.92 0.40 -94.49	60.60 0.01 -60.50	55.74 1.95 -38.68	36.62 1.54 -22.23
BROOKLYN_NAVY_YARD 23515	39.70 1.26 -23.93	29.34 1.09 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.04 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.09 1.55 -5.43	18.19 1.29 -4.06
BROOKLYN___ARMY_DRP 323595	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06

BROOME_2_LFGE 323671	22.46 0.14 -7.81	17.81 0.12 -5.12	14.45 0.04 -4.66	9.23 0.00 -8.88	9.11 0.01 -8.77	10.60 0.01 -9.51	7.86 -0.05 -11.60	11.93 0.06 -8.51	8.84 -0.03 -10.68	14.54 0.01 -14.75	16.54 0.10 -12.33	10.80 -0.12 -15.30	9.52 -0.06 -12.47	13.00 0.13 -7.97	21.58 0.45 -2.95	14.10 0.16 -7.33	9.85 0.00 -10.05	12.74 -0.02 -13.46	14.53 0.14 -7.78	24.12 0.50 -1.67	13.65 0.09 -10.54	8.30 0.00 -8.21	17.18 0.30 -1.77	14.41 0.24 -1.33
BROOME__LFGE 323600	22.46 0.14 -7.81	17.81 0.12 -5.12	14.45 0.04 -4.66	9.23 0.00 -8.88	9.11 0.01 -8.77	10.60 0.01 -9.51	7.86 -0.05 -11.60	11.93 0.06 -8.51	8.84 -0.03 -10.68	14.54 0.01 -14.75	16.54 0.10 -12.33	10.80 -0.12 -15.30	9.52 -0.06 -12.47	13.00 0.13 -7.97	21.58 0.45 -2.95	14.10 0.16 -7.33	9.85 0.00 -10.05	12.74 -0.02 -13.46	14.53 0.14 -7.78	24.12 0.50 -1.67	13.65 0.09 -10.54	8.30 0.00 -8.21	17.18 0.30 -1.77	14.41 0.24 -1.33
BURROWS__LYONSDAL 23803	14.72 0.21 0.00	12.71 0.13 0.00	9.86 0.10 0.00	0.36 0.00 0.00	0.34 0.01 0.00	1.11 0.02 0.00	-3.76 -0.07 0.00	3.42 0.07 0.00	-1.85 -0.03 0.00	-0.23 -0.01 0.00	4.20 0.09 0.00	-4.48 -0.10 0.00	-2.95 -0.07 0.00	5.02 0.11 0.00	18.58 0.39 0.00	6.76 0.14 0.00	-0.20 0.00 0.00	-0.73 -0.02 0.00	6.79 0.18 0.00	22.54 0.59 0.00	3.10 0.08 0.00	0.09 0.00 0.00	15.31 0.19 0.00	13.02 0.18 0.00
CAITHNESS_CC_1 323624	54.64 1.48 -38.65	43.38 1.28 -29.51	29.30 0.97 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.52 -0.39 -54.60	48.62 0.37 -44.89	30.72 -0.20 -32.73	44.95 -0.02 -45.19	55.19 0.47 -50.60	60.57 -0.51 -65.46	53.84 -0.34 -57.07	52.59 0.58 -47.10	52.90 2.13 -32.59	42.44 0.80 -35.03	32.72 -0.01 -32.93	52.03 -0.08 -52.82	76.54 0.76 -69.18	67.65 2.45 -43.26	97.90 0.39 -94.49	60.60 0.01 -60.50	55.68 1.89 -38.68	36.57 1.50 -22.23
CALPINE BETH_PAGE_GT4 24209	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.89 -18.57	27.58 0.03 -27.20	38.65 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.74 -0.17 -32.73	44.95 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.90 -0.28 -57.07	52.51 0.50 -47.10	52.62 1.85 -32.59	42.33 0.69 -35.03	32.73 -0.01 -32.93	52.05 -0.07 -52.82	76.44 0.66 -69.18	67.71 2.13 -43.62	97.84 0.33 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.42 1.34 -22.23
CALPINE_BETH_PAGE_GT_4 323586	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.89 -18.57	27.58 0.03 -27.20	38.65 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.74 -0.17 -32.73	44.95 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.90 -0.28 -57.07	52.51 0.50 -47.10	52.62 1.85 -32.59	42.33 0.69 -35.03	32.73 -0.01 -32.93	52.05 -0.07 -52.82	76.44 0.66 -69.18	67.71 2.13 -43.62	97.84 0.33 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.42 1.34 -22.23
CALPINE_BP_GT1 23823	54.49 1.33 -38.65	43.25 1.16 -29.51	29.21 0.89 -18.57	27.58 0.03 -27.20	38.65 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.74 -0.17 -32.73	44.95 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.90 -0.28 -57.07	52.51 0.50 -47.10	52.62 1.85 -32.59	42.33 0.69 -35.03	32.73 -0.01 -32.93	52.05 -0.07 -52.82	76.44 0.66 -69.18	67.71 2.13 -43.62	97.84 0.33 -94.49	60.60 0.01 -60.50	55.40 1.61 -38.68	36.42 1.34 -22.23
CALSPAN__DRP 24200	17.95 -0.68 -4.12	14.65 -0.63 -2.70	11.57 -0.64 -2.45	5.00 -0.03 -4.68	4.92 -0.04 -4.62	6.03 -0.07 -5.01	2.55 0.13 -6.11	7.69 -0.14 -4.49	3.86 0.04 -5.63	7.58 0.04 -7.77	10.47 -0.14 -6.49	3.79 0.11 -8.06	3.76 0.08 -6.57	9.02 -0.08 -4.19	19.09 -0.65 -1.55	10.28 -0.19 -3.86	5.08 -0.02 -5.29	6.40 0.02 -7.09	10.39 -0.31 -4.10	21.92 -0.90 -0.88	8.50 -0.07 -5.55	4.40 -0.01 -4.32	15.51 -0.54 -0.93	13.09 -0.45 -0.70
CANDIGU_WT_PWR 323617	19.55 -0.35 -5.39	15.78 -0.32 -3.53	12.61 -0.36 -3.21	6.46 -0.02 -6.12	6.37 -0.02 -6.05	7.61 -0.04 -6.55	4.38 0.07 -8.00	9.17 -0.06 -5.87	5.57 0.02 -7.37	9.99 0.04 -10.17	12.58 -0.04 -8.50	6.19 0.02 -10.55	5.75 0.04 -8.60	10.39 -0.01 -5.49	20.06 -0.16 -2.03	11.62 -0.05 -5.06	6.73 0.00 -6.93	8.59 0.01 -9.29	11.89 -0.09 -5.37	22.91 -0.18 -1.15	10.30 0.01 -7.27	5.75 -0.01 -5.66	16.23 -0.10 -1.22	13.65 -0.11 -0.91
CARR STREET_E_SYR 24060	16.59 -0.08 -2.16	13.91 -0.08 -1.41	10.94 -0.11 -1.29	2.80 0.00 -2.46	2.76 0.00 -2.43	3.71 -0.01 -2.63	-0.48 0.00 -3.20	5.71 0.00 -2.35	1.13 -0.01 -2.95	3.85 0.00 -4.08	7.55 0.02 -3.41	-0.19 -0.03 -4.23	0.54 -0.02 -3.45	7.15 0.04 -2.20	19.09 0.10 -0.81	8.67 0.04 -2.03	2.58 0.00 -2.78	3.01 -0.01 -3.72	8.78 0.02 -2.15	22.47 0.06 -0.46	5.95 0.02 -2.91	2.36 0.00 -2.27	15.58 -0.01 -0.49	13.20 -0.01 -0.37
CARTHAGE__PAPER 23857	15.33 0.06 -0.77	13.01 -0.07 -0.51	10.16 -0.05 -0.46	1.23 0.00 -0.87	1.21 0.00 -0.86	2.03 0.00 -0.93	-2.56 -0.01 -1.14	4.19 0.00 -0.84	-0.76 0.00 -1.05	1.22 -0.01 -1.45	5.34 0.02 -1.21	-2.90 -0.02 -1.50	-1.68 -0.02 -1.23	5.71 0.02 -0.78	18.50 0.03 -0.29	7.35 0.02 -0.72	0.80 0.00 -0.99	0.61 0.00 -1.33	7.48 0.11 -0.77	22.44 0.33 -0.16	4.08 0.02 -1.04	0.89 -0.01 -0.81	15.19 -0.09 -0.17	12.94 -0.03 -0.13
CASSADAGA_WT_PWR 323784	18.43 -0.42 -4.34	15.04 -0.39 -2.85	11.89 -0.45 -2.59	5.27 -0.02 -4.94	5.19 -0.02 -4.88	6.33 -0.05 -5.29	2.83 0.06 -6.45	8.00 -0.06 -4.71	4.08 0.00 -5.90	7.96 0.04 -8.14	10.91 -0.01 -6.80	4.03 -0.03 -8.44	4.00 0.01 -6.88	9.37 0.07 -4.40	19.81 0.00 -1.63	10.68 0.03 -4.05	5.34 -0.02 -5.54	6.72 0.00 -7.43	10.82 -0.09 -4.30	22.83 -0.04 -0.92	8.90 0.06 -5.82	4.60 -0.02 -4.53	16.10 0.01 -0.98	13.48 -0.09 -0.73
CE_DUNWOOD__DRP 24194	39.58 1.18 -23.89	29.24 1.01 -15.66	24.77 0.77 -14.24	27.53 0.02 -27.16	27.20 0.03 -26.84	30.26 0.08 -29.08	31.50 -0.30 -35.49	29.69 0.30 -26.04	30.71 -0.16 -32.68	44.88 -0.01 -45.12	42.18 0.36 -37.70	42.02 -0.40 -46.80	35.00 -0.25 -38.14	29.72 0.44 -24.37	28.85 1.65 -9.01	29.66 0.61 -22.43	30.53 -0.01 -30.72	40.42 -0.06 -41.19	31.04 0.62 -23.81	29.10 2.06 -5.10	35.55 0.28 -32.24	25.19 0.01 -25.09	21.97 1.44 -5.42	18.08 1.19 -4.05
CE_MILLWOOD__DRP 24193	39.47 1.14 -23.82	29.16 0.98 -15.61	24.70 0.74 -14.20	27.45 0.03 -27.07	27.12 0.03 -26.75	30.16 0.08 -28.99	31.40 -0.29 -35.38	29.60 0.29 -25.96	30.62 -0.15 -32.58	44.75 -0.01 -44.98	42.05 0.35 -37.59	41.89 -0.38 -46.65	34.90 -0.24 -38.03	29.63 0.43 -24.30	28.77 1.60 -8.99	29.57 0.59 -22.37	30.43 -0.01 -30.63	40.29 -0.06 -41.06	30.94 0.60 -23.73	29.01 1.99 -5.08	35.44 0.27 -32.14	25.12 0.01 -25.02	21.91 1.39 -5.40	18.03 1.15 -4.04
CE_NYC2_DRP 24202	39.73 1.29 -23.93	29.37 1.11 -15.68	24.87 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.33 -26.08	30.74 -0.18 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.28 -38.20	29.81 0.50 -24.40	29.07 1.86 -9.03	29.77 0.69 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.37 2.31 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.13 1.59 -5.43	18.22 1.32 -4.06



CE_NYC_DRP 24195	39.72 1.28 -23.93	29.36 1.10 -15.68	24.87 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.01 -45.18	42.27 0.40 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.80 0.49 -24.40	29.05 1.84 -9.03	29.75 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.14 0.69 -23.84	29.33 2.28 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.11 1.57 -5.42	18.19 1.30 -4.06
CHAFFEE___LFGE 323603	18.15 -0.61 -4.26	14.80 -0.56 -2.79	11.70 -0.59 -2.54	5.16 -0.03 -4.84	5.08 -0.04 -4.78	6.21 -0.06 -5.18	2.75 0.12 -6.32	7.86 -0.14 -4.64	4.05 0.04 -5.82	7.86 0.04 -8.04	10.71 -0.12 -6.72	4.05 0.10 -8.34	3.99 0.08 -6.80	9.18 -0.07 -4.34	19.22 -0.57 -1.61	10.44 -0.17 -4.00	5.26 -0.02 -5.48	6.65 0.02 -7.34	10.57 -0.28 -4.24	22.11 -0.75 -0.91	8.71 -0.06 -5.74	4.55 -0.01 -4.47	15.65 -0.43 -0.97	13.19 -0.37 -0.72
CHATEAUG_WT_PWR 323614	14.23 -0.28 0.00	12.32 -0.26 0.00	9.57 -0.19 0.00	0.36 0.00 0.00	0.35 0.01 0.00	1.06 -0.03 0.00	-3.50 0.19 0.00	3.17 -0.19 0.00	-1.70 0.11 0.00	-0.20 0.02 0.00	3.83 -0.29 0.00	-4.05 0.33 0.00	-2.68 0.20 0.00	4.53 -0.38 0.00	16.90 -1.29 0.00	6.15 -0.46 0.00	-0.18 0.02 0.00	-0.65 0.06 0.00	6.13 -0.48 0.00	20.37 -1.58 0.00	2.79 -0.23 0.00	0.10 0.00 0.00	14.42 -0.69 0.00	12.35 -0.49 0.00
CHAT_HIGH_FALL_HYD 323578	14.24 -0.27 0.00	12.33 -0.24 0.00	9.58 -0.17 0.00	0.36 0.00 0.00	0.35 0.01 0.00	1.06 -0.03 0.00	-3.51 0.18 0.00	3.18 -0.17 0.00	-1.71 0.10 0.00	-0.21 0.02 0.00	3.85 -0.27 0.00	-4.07 0.31 0.00	-2.70 0.18 0.00	4.55 -0.35 0.00	16.98 -1.20 0.00	6.18 -0.43 0.00	-0.18 0.02 0.00	-0.66 0.05 0.00	6.17 -0.44 0.00	20.50 -1.45 0.00	2.81 -0.21 0.00	0.10 0.00 0.00	14.43 -0.68 0.00	12.36 -0.49 0.00
CHAUTAUQUA___LFGE 323629	18.28 -0.49 -4.26	14.92 -0.44 -2.79	11.79 -0.50 -2.54	5.16 -0.02 -4.84	5.09 -0.02 -4.78	6.22 -0.05 -5.18	2.72 0.09 -6.32	7.89 -0.09 -4.63	4.00 0.01 -5.80	7.82 0.04 -8.01	10.76 -0.04 -6.69	3.94 0.01 -8.30	3.92 0.03 -6.77	9.25 0.01 -4.33	19.59 -0.19 -1.60	10.55 -0.04 -3.98	5.24 -0.02 -5.45	6.61 0.01 -7.31	10.67 -0.17 -4.23	22.51 -0.34 -0.90	8.76 0.02 -5.72	4.53 -0.02 -4.45	15.92 -0.16 -0.96	13.37 -0.19 -0.72
CH_MIDHUDSON___DRP 24192	41.14 1.18 -25.45	30.26 1.01 -16.68	25.70 0.77 -15.17	29.31 0.03 -28.93	28.95 0.03 -28.59	32.15 0.09 -30.98	33.81 -0.30 -37.81	31.39 0.30 -27.74	32.84 -0.16 -34.81	47.83 -0.02 -48.06	44.64 0.36 -40.16	45.08 -0.39 -49.85	37.49 -0.25 -40.63	31.30 0.43 -25.96	29.42 1.64 -9.60	31.11 0.61 -23.90	32.53 -0.01 -32.73	43.10 -0.06 -43.87	32.59 0.62 -25.36	29.45 2.07 -5.43	37.66 0.29 -34.35	26.83 0.01 -26.73	22.31 1.43 -5.77	18.34 1.18 -4.31
CH_MISC_IPPS 23765	40.31 1.21 -24.58	29.73 1.05 -16.11	25.21 0.79 -14.66	28.32 0.03 -27.94	27.98 0.03 -27.61	31.10 0.09 -29.92	32.51 -0.31 -36.52	30.46 0.31 -26.79	31.64 -0.17 -33.62	46.18 -0.01 -46.42	43.29 0.38 -38.79	43.36 -0.41 -48.15	36.09 -0.26 -39.25	30.43 0.45 -25.07	29.15 1.70 -9.27	30.32 0.63 -23.08	31.41 -0.01 -31.61	41.60 -0.07 -42.37	31.75 0.65 -24.50	29.35 2.16 -5.24	36.50 0.30 -33.18	25.92 0.01 -25.82	22.16 1.48 -5.57	18.23 1.22 -4.17
CH_RES_BVR_FALLS 23983	12.93 -0.36 1.22	11.47 -0.31 0.80	8.79 -0.24 0.73	-1.04 -0.01 1.38	-1.03 0.00 1.37	-0.42 -0.03 1.48	-5.40 0.10 1.81	1.94 -0.09 1.33	-3.42 0.05 1.66	-2.53 -0.01 2.30	2.08 -0.11 1.92	-6.63 0.14 2.38	-4.75 0.08 1.94	3.51 -0.16 1.24	17.23 -0.50 0.46	5.27 -0.20 1.14	-1.75 0.01 1.57	-2.78 0.02 2.09	5.26 -0.13 1.21	21.19 -0.50 0.26	1.30 -0.08 1.64	-1.18 0.00 1.28	14.44 -0.40 0.27	12.35 -0.29 0.21
CH_RES_NIAGARA 23895	17.10 -1.21 -3.80	13.94 -1.13 -2.49	11.01 -1.01 -2.26	4.62 -0.05 -4.32	4.56 -0.05 -4.27	5.60 -0.11 -4.62	2.19 0.24 -5.64	7.24 -0.25 -4.14	3.51 0.12 -5.19	7.01 0.07 -7.17	9.79 -0.32 -5.99	3.37 0.32 -7.44	3.38 0.21 -6.06	8.49 -0.29 -3.87	18.07 -1.55 -1.43	9.67 -0.51 -3.57	4.67 -0.02 -4.88	5.89 0.05 -6.55	9.73 -0.66 -3.78	20.66 -2.10 -0.81	7.91 -0.24 -5.12	4.07 -0.01 -3.99	14.68 -1.29 -0.86	12.44 -1.04 -0.64
CH_RES_SYRACUSE 23985	16.92 -0.03 -2.44	14.14 -0.04 -1.60	11.15 -0.07 -1.46	3.12 0.00 -2.78	3.08 0.00 -2.75	4.06 0.00 -2.97	-0.08 -0.01 -3.63	6.03 0.02 -2.66	1.51 -0.02 -3.34	4.39 0.00 -4.61	8.01 0.04 -3.86	0.36 -0.05 -4.79	0.99 -0.03 -3.90	7.46 0.06 -2.49	19.25 0.14 -0.92	8.96 0.06 -2.30	2.95 0.00 -3.14	3.50 -0.01 -4.21	9.10 0.05 -2.43	22.65 0.18 -0.52	6.36 0.04 -3.30	2.66 0.00 -2.57	15.70 0.03 -0.55	13.29 0.03 -0.41
CLINTON_WT_PWR 323605	14.23 -0.28 0.00	12.32 -0.26 0.00	9.57 -0.19 0.00	0.36 0.00 0.00	0.35 0.01 0.00	1.06 -0.03 0.00	-3.50 0.19 0.00	3.17 -0.19 0.00	-1.70 0.11 0.00	-0.20 0.02 0.00	3.83 -0.29 0.00	-4.05 0.33 0.00	-2.68 0.20 0.00	4.53 -0.38 0.00	16.90 -1.29 0.00	6.15 -0.46 0.00	-0.18 0.02 0.00	-0.65 0.06 0.00	6.13 -0.48 0.00	20.37 -1.58 0.00	2.79 -0.23 0.00	0.10 0.00 0.00	14.42 -0.69 0.00	12.35 -0.49 0.00
CLINTON___LFGE 323618	14.48 -0.03 0.00	12.52 -0.05 0.00	9.72 -0.04 0.00	0.36 0.01 0.00	0.36 0.02 0.00	1.08 -0.01 0.00	-3.57 0.12 0.00	3.23 -0.12 0.00	-1.74 0.07 0.00	-0.21 0.02 0.00	3.92 -0.20 0.00	-4.15 0.24 0.00	-2.75 0.14 0.00	4.64 -0.27 0.00	17.29 -0.89 0.00	6.30 -0.31 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.28 -0.32 0.00	20.85 -1.10 0.00	2.86 -0.17 0.00	0.10 0.00 0.00	14.68 -0.44 0.00	12.56 -0.28 0.00
COLONIE_LFGE___ 323577	47.74 0.96 -32.27	34.57 0.85 -21.14	29.63 0.64 -19.24	37.05 0.03 -36.67	36.60 0.02 -36.24	40.43 0.07 -39.27	43.98 -0.26 -47.93	38.73 0.21 -35.17	42.19 -0.13 -44.13	60.69 -0.02 -60.93	55.31 0.28 -50.91	58.50 -0.31 -63.19	48.41 -0.20 -51.51	38.16 0.35 -32.91	31.69 1.33 -12.17	37.40 0.50 -30.29	41.28 -0.03 -41.49	54.85 -0.06 -55.61	39.27 0.51 -32.15	30.54 1.71 -6.88	46.80 0.24 -43.54	33.99 0.01 -33.88	23.54 1.11 -7.31	19.21 0.90 -5.47
COPENHAGEN_WT_PWR 323753	15.34 -0.21 -1.04	12.94 -0.32 -0.68	10.10 -0.28 -0.62	1.53 -0.01 -1.19	1.51 0.00 -1.17	2.34 -0.02 -1.27	-2.07 0.07 -1.55	4.41 -0.08 -1.14	-0.35 0.03 -1.43	1.74 0.00 -1.97	5.70 -0.06 -1.65	-2.29 0.05 -2.04	-1.19 0.03 -1.67	5.91 -0.06 -1.06	18.29 -0.29 -0.39	7.49 -0.10 -0.98	1.15 0.00 -1.34	1.10 0.00 -1.80	7.66 0.01 -1.04	22.18 0.01 -0.22	4.39 -0.04 -1.41	1.18 -0.01 -1.10	14.98 -0.37 -0.24	12.75 -0.27 -0.18
CORNELL_____ 23752	20.20 0.28 -5.40	16.35 0.24 -3.54	13.11 0.14 -3.22	6.50 0.00 -6.14	6.41 0.01 -6.07	7.68 0.02 -6.58	4.24 -0.10 -8.03	9.34 0.10 -5.89	5.52 -0.06 -7.39	9.98 0.00 -10.21	12.79 0.15 -8.53	6.04 -0.17 -10.58	5.64 -0.10 -8.63	10.61 0.19 -5.51	20.90 0.67 -2.04	11.93 0.24 -5.08	6.75 0.00 -6.95	8.58 -0.03 -9.31	12.23 0.24 -5.38	23.91 0.81 -1.15	10.44 0.12 -7.29	5.76 0.00 -5.68	16.75 0.41 -1.23	14.10 0.34 -0.92

COXSACKIE___GT 23611	42.04 1.31 -26.23	30.89 1.13 -17.18	26.25 0.86 -15.63	30.18 0.03 -29.80	29.82 0.03 -29.45	33.10 0.10 -31.92	34.92 -0.34 -38.95	32.25 0.32 -28.58	33.87 -0.18 -35.86	49.27 -0.02 -49.52	45.90 0.41 -41.38	46.55 -0.42 -51.36	38.70 -0.28 -41.86	32.12 0.47 -26.75	29.93 1.85 -9.89	31.92 0.69 -24.62	33.51 -0.01 -33.72	44.41 -0.08 -45.20	33.46 0.72 -26.13	29.92 2.38 -5.59	38.74 0.33 -35.38	27.64 0.01 -27.54	22.59 1.53 -5.95	18.54 1.25 -4.45
CPV_VALLEY___CC1 323721	36.25 0.81 -20.93	27.00 0.71 -13.71	22.76 0.53 -12.48	24.15 0.02 -23.79	23.86 0.02 -23.51	26.62 0.06 -25.47	27.19 -0.21 -31.09	26.38 0.21 -22.81	26.70 -0.11 -28.62	39.29 -0.01 -39.52	37.39 0.25 -33.02	36.33 -0.28 -40.99	30.35 -0.18 -33.41	26.56 0.31 -21.35	27.23 1.15 -7.89	26.69 0.43 -19.65	26.72 0.00 -26.91	35.33 -0.04 -36.07	27.90 0.44 -20.85	27.85 1.44 -4.46	31.47 0.21 -28.24	22.08 0.01 -21.98	20.89 1.03 -4.74	17.25 0.85 -3.55
CPV_VALLEY___CC2 323722	36.25 0.81 -20.93	27.00 0.71 -13.71	22.76 0.53 -12.48	24.15 0.02 -23.79	23.86 0.02 -23.51	26.62 0.06 -25.47	27.19 -0.21 -31.09	26.38 0.21 -22.81	26.70 -0.11 -28.62	39.29 -0.01 -39.52	37.39 0.25 -33.02	36.33 -0.28 -40.99	30.35 -0.18 -33.41	26.56 0.31 -21.35	27.23 1.15 -7.89	26.69 0.43 -19.65	26.72 0.00 -26.91	35.33 -0.04 -36.07	27.90 0.44 -20.85	27.85 1.44 -4.46	31.47 0.21 -28.24	22.08 0.01 -21.98	20.89 1.03 -4.74	17.25 0.85 -3.55
CRESCENT___HYD 24018	47.74 0.96 -32.27	34.57 0.85 -21.14	29.63 0.64 -19.24	37.05 0.03 -36.67	36.60 0.02 -36.24	40.43 0.07 -39.27	43.98 -0.26 -47.93	38.73 0.21 -35.17	42.19 -0.13 -44.13	60.69 -0.02 -60.93	55.31 0.28 -50.91	58.50 -0.31 -63.19	48.41 -0.20 -51.51	38.16 0.35 -32.91	31.69 1.33 -12.17	37.40 0.50 -30.29	41.28 -0.03 -41.49	54.85 -0.06 -55.61	39.27 0.51 -32.15	30.54 1.71 -6.88	46.80 0.24 -43.54	33.99 0.01 -33.88	23.54 1.11 -7.31	19.21 0.90 -5.47
CRICKET___VALLEY_CC1 323756	40.87 1.04 -25.31	30.05 0.89 -16.59	25.54 0.69 -15.09	29.15 0.02 -28.77	28.80 0.03 -28.43	31.98 0.08 -30.81	33.65 -0.26 -37.60	31.20 0.26 -27.59	32.67 -0.14 -34.62	47.57 -0.01 -47.80	44.37 0.31 -39.94	44.86 -0.34 -49.58	37.31 -0.22 -40.41	31.10 0.38 -25.82	29.16 1.43 -9.55	30.91 0.53 -23.77	32.35 -0.01 -32.55	42.87 -0.05 -43.63	32.38 0.55 -25.22	29.17 1.83 -5.40	37.44 0.25 -34.16	26.69 0.01 -26.58	22.14 1.29 -5.74	18.23 1.09 -4.29
CRICKET___VALLEY_CC2 323757	40.87 1.04 -25.31	30.05 0.89 -16.59	25.54 0.69 -15.09	29.15 0.02 -28.77	28.80 0.03 -28.43	31.98 0.08 -30.81	33.65 -0.26 -37.60	31.20 0.26 -27.59	32.67 -0.14 -34.62	47.57 -0.01 -47.80	44.37 0.31 -39.94	44.86 -0.34 -49.58	37.31 -0.22 -40.41	31.10 0.38 -25.82	29.16 1.43 -9.55	30.91 0.53 -23.77	32.35 -0.01 -32.55	42.87 -0.05 -43.63	32.38 0.55 -25.22	29.17 1.83 -5.40	37.44 0.25 -34.16	26.69 0.01 -26.58	22.14 1.29 -5.74	18.23 1.09 -4.29
CRICKET___VALLEY_CC3 323758	40.87 1.04 -25.31	30.05 0.89 -16.59	25.54 0.69 -15.09	29.15 0.02 -28.77	28.80 0.03 -28.43	31.98 0.08 -30.81	33.65 -0.26 -37.60	31.20 0.26 -27.59	32.67 -0.14 -34.62	47.57 -0.01 -47.80	44.37 0.31 -39.94	44.86 -0.34 -49.58	37.31 -0.22 -40.41	31.10 0.38 -25.82	29.16 1.43 -9.55	30.91 0.53 -23.77	32.35 -0.01 -32.55	42.87 -0.05 -43.63	32.38 0.55 -25.22	29.17 1.83 -5.40	37.44 0.25 -34.16	26.69 0.01 -26.58	22.14 1.29 -5.74	18.23 1.09 -4.29
CRUCIBLE_METL_DRP 24180	16.92 -0.03 -2.44	14.14 -0.04 -1.60	11.15 -0.07 -1.46	3.12 0.00 -2.78	3.08 0.00 -2.75	4.06 0.00 -2.97	-0.08 -0.01 -3.63	6.03 0.02 -2.66	1.51 -0.02 -3.34	4.39 0.00 -4.61	8.01 0.04 -3.86	0.36 -0.05 -4.79	0.99 -0.03 -3.90	7.46 0.06 -2.49	19.25 0.14 -0.92	8.96 0.06 -2.30	2.95 0.00 -3.14	3.50 -0.01 -4.21	9.10 0.05 -2.43	22.65 0.18 -0.52	6.36 0.04 -3.30	2.66 0.00 -2.57	15.70 0.03 -0.55	13.29 0.03 -0.41
DAHOWA___HYDRO 323763	48.58 1.08 -33.00	35.12 0.92 -21.62	30.11 0.68 -19.67	37.88 0.03 -37.50	37.41 0.02 -37.06	41.33 0.08 -40.16	45.02 -0.29 -49.01	39.56 0.24 -35.96	43.16 -0.15 -45.13	62.06 -0.02 -62.31	56.53 0.35 -52.06	59.86 -0.38 -64.62	49.54 -0.25 -52.67	38.97 0.41 -33.65	32.18 1.55 -12.45	38.17 0.59 -30.98	42.21 -0.02 -42.43	56.09 -0.07 -56.87	40.10 0.62 -32.87	31.03 2.04 -7.03	47.83 0.28 -44.52	34.75 0.01 -34.65	23.81 1.21 -7.48	19.41 0.97 -5.59
DANC___LFGE 323619	15.68 -0.19 -1.36	13.21 -0.26 -0.89	10.31 -0.26 -0.81	1.89 -0.01 -1.55	1.86 -0.01 -1.53	2.72 -0.02 -1.66	-1.61 0.06 -2.02	4.77 -0.07 -1.48	0.07 0.03 -1.86	2.35 0.00 -2.57	6.21 -0.05 -2.15	-1.67 0.04 -2.67	-0.69 0.03 -2.17	6.24 -0.05 -1.39	18.46 -0.24 -0.51	7.80 -0.08 -1.28	1.56 0.00 -1.75	1.65 0.00 -2.35	7.94 -0.02 -1.36	22.13 -0.11 -0.29	4.82 -0.04 -1.84	1.51 -0.01 -1.43	15.10 -0.32 -0.31	12.83 -0.24 -0.23
DANSKAMMER___1 23586	40.31 1.21 -24.58	29.73 1.05 -16.11	25.21 0.79 -14.66	28.32 0.03 -27.94	27.98 0.03 -27.61	31.10 0.09 -29.92	32.51 -0.31 -36.52	30.46 0.31 -26.79	31.64 -0.17 -33.62	46.18 -0.01 -46.42	43.29 0.38 -38.79	43.36 -0.41 -48.15	36.09 -0.26 -39.25	30.43 0.45 -25.07	29.15 1.70 -9.27	30.32 0.63 -23.08	31.41 -0.01 -31.61	41.60 -0.07 -42.37	31.75 0.65 -24.50	29.35 2.16 -5.24	36.50 0.30 -33.18	25.92 0.01 -25.82	22.16 1.48 -5.57	18.23 1.22 -4.17
DANSKAMMER___2 23589	40.31 1.21 -24.58	29.73 1.05 -16.11	25.21 0.79 -14.66	28.32 0.03 -27.94	27.98 0.03 -27.61	31.10 0.09 -29.92	32.51 -0.31 -36.52	30.46 0.31 -26.79	31.64 -0.17 -33.62	46.18 -0.01 -46.42	43.29 0.38 -38.79	43.36 -0.41 -48.15	36.09 -0.26 -39.25	30.43 0.45 -25.07	29.15 1.70 -9.27	30.32 0.63 -23.08	31.41 -0.01 -31.61	41.60 -0.07 -42.37	31.75 0.65 -24.50	29.35 2.16 -5.24	36.50 0.30 -33.18	25.92 0.01 -25.82	22.16 1.48 -5.57	18.23 1.22 -4.17
DANSKAMMER___3 23590	40.31 1.21 -24.58	29.73 1.05 -16.11	25.21 0.79 -14.66	28.32 0.03 -27.94	27.98 0.03 -27.61	31.10 0.09 -29.92	32.51 -0.31 -36.52	30.46 0.31 -26.79	31.64 -0.17 -33.62	46.18 -0.01 -46.42	43.29 0.38 -38.79	43.36 -0.41 -48.15	36.09 -0.26 -39.25	30.43 0.45 -25.07	29.15 1.70 -9.27	30.32 0.63 -23.08	31.41 -0.01 -31.61	41.60 -0.07 -42.37	31.75 0.65 -24.50	29.35 2.16 -5.24	36.50 0.30 -33.18	25.92 0.01 -25.82	22.16 1.48 -5.57	18.23 1.22 -4.17
DANSKAMMER___4 23591	40.31 1.21 -24.58	29.73 1.05 -16.11	25.21 0.79 -14.66	28.32 0.03 -27.94	27.98 0.03 -27.61	31.10 0.09 -29.92	32.51 -0.31 -36.52	30.46 0.31 -26.79	31.64 -0.17 -33.62	46.18 -0.01 -46.42	43.29 0.38 -38.79	43.36 -0.41 -48.15	36.09 -0.26 -39.25	30.43 0.45 -25.07	29.15 1.70 -9.27	30.32 0.63 -23.08	31.41 -0.01 -31.61	41.60 -0.07 -42.37	31.75 0.65 -24.50	29.35 2.16 -5.24	36.50 0.30 -33.18	25.92 0.01 -25.82	22.16 1.48 -5.57	18.23 1.22 -4.17
DANSKAMMER___DIESEL 23592	40.31 1.21 -24.58	29.73 1.05 -16.11	25.21 0.79 -14.66	28.32 0.03 -27.94	27.98 0.03 -27.61	31.10 0.09 -29.92	32.51 -0.31 -36.52	30.46 0.31 -26.79	31.64 -0.17 -33.62	46.18 -0.01 -46.42	43.29 0.38 -38.79	43.36 -0.41 -48.15	36.09 -0.26 -39.25	30.43 0.45 -25.07	29.15 1.70 -9.27	30.32 0.63 -23.08	31.41 -0.01 -31.61	41.60 -0.07 -42.37	31.75 0.65 -24.50	29.35 2.16 -5.24	36.50 0.30 -33.18	25.92 0.01 -25.82	22.16 1.48 -5.57	18.23 1.22 -4.17

DASHVILLE___HYD 23610	40.10 0.93 -24.66	29.54 0.81 -16.15	25.06 0.61 -14.70	28.39 0.02 -28.02	28.05 0.02 -27.69	31.16 0.07 -30.01	32.68 -0.25 -36.62	30.47 0.25 -26.87	31.78 -0.13 -33.72	46.32 -0.01 -46.56	43.32 0.30 -38.90	43.58 -0.33 -48.28	36.26 -0.21 -39.36	30.41 0.36 -25.15	28.82 1.33 -9.30	30.26 0.50 -23.15	31.50 0.00 -31.70	41.73 -0.06 -42.49	31.70 0.53 -24.56	28.96 1.76 -5.26	36.54 0.25 -33.27	25.99 0.01 -25.89	21.88 1.18 -5.59	17.99 0.97 -4.18
DELAWARE___LFGE 323621	25.38 0.54 -10.34	19.81 0.46 -6.77	16.25 0.33 -6.16	12.11 0.01 -11.75	11.96 0.01 -11.61	13.71 0.04 -12.58	11.51 -0.15 -15.35	14.77 0.15 -11.27	12.24 -0.08 -14.14	19.29 -0.01 -19.52	20.62 0.19 -16.31	15.65 -0.21 -20.24	13.48 -0.13 -16.50	15.68 0.23 -10.54	22.95 0.87 -3.90	16.63 0.32 -9.70	13.09 -0.01 -13.29	17.07 -0.04 -17.81	17.22 0.31 -10.30	25.20 1.05 -2.20	17.12 0.15 -13.95	10.95 0.00 -10.85	18.14 0.68 -2.34	15.15 0.56 -1.75
DOGLEVILLE___HYD 23807	14.63 0.72 0.60	12.79 0.61 0.39	9.85 0.44 0.36	-0.31 0.02 0.68	-0.31 0.02 0.67	0.42 0.06 0.73	-4.81 -0.23 0.89	2.91 0.20 0.65	-2.74 -0.11 0.82	-1.37 -0.02 1.13	3.45 0.27 0.94	-5.85 -0.30 1.17	-4.03 -0.19 0.95	4.61 0.31 0.61	19.15 1.20 0.23	6.50 0.44 0.56	-0.98 -0.01 0.77	-1.79 -0.05 1.03	6.46 0.45 0.60	23.33 1.50 0.13	2.43 0.21 0.81	-0.54 0.00 0.63	15.80 0.82 0.14	13.39 0.65 0.10
DUNKIRK___1 23563	18.27 -0.49 -4.25	14.92 -0.44 -2.78	11.79 -0.50 -2.53	5.15 -0.02 -4.83	5.08 -0.03 -4.77	6.21 -0.05 -5.17	2.71 0.09 -6.31	7.88 -0.09 -4.62	3.99 0.02 -5.79	7.81 0.04 -7.99	10.74 -0.05 -6.68	3.93 0.02 -8.29	3.91 0.04 -6.76	9.24 0.01 -4.32	19.57 -0.21 -1.60	10.54 -0.05 -3.98	5.24 -0.01 -5.45	6.60 0.01 -7.30	10.66 -0.17 -4.22	22.48 -0.37 -0.90	8.75 0.01 -5.71	4.52 -0.02 -4.44	15.89 -0.18 -0.96	13.36 -0.20 -0.72
DUNKIRK___2 23564	18.27 -0.49 -4.25	14.92 -0.44 -2.78	11.79 -0.50 -2.53	5.15 -0.02 -4.83	5.08 -0.03 -4.77	6.21 -0.05 -5.17	2.71 0.09 -6.31	7.88 -0.09 -4.62	3.99 0.02 -5.79	7.81 0.04 -7.99	10.74 -0.05 -6.68	3.93 0.02 -8.29	3.91 0.04 -6.76	9.24 0.01 -4.32	19.57 -0.21 -1.60	10.54 -0.05 -3.98	5.24 -0.01 -5.45	6.60 0.01 -7.30	10.66 -0.17 -4.22	22.48 -0.37 -0.90	8.75 0.01 -5.71	4.52 -0.02 -4.44	15.89 -0.18 -0.96	13.36 -0.20 -0.72
DUNKIRK___3 23565	18.20 -0.54 -4.23	14.86 -0.49 -2.77	11.75 -0.53 -2.52	5.13 -0.03 -4.81	5.06 -0.02 -4.75	6.18 -0.06 -5.15	2.69 0.10 -6.28	7.85 -0.10 -4.61	3.99 0.03 -5.78	7.79 0.04 -7.97	10.70 -0.07 -6.66	3.93 0.04 -8.27	3.91 0.05 -6.74	9.19 -0.02 -4.31	19.44 -0.33 -1.59	10.48 -0.09 -3.97	5.23 -0.01 -5.43	6.58 0.01 -7.28	10.60 -0.22 -4.21	22.30 -0.54 -0.90	8.70 -0.02 -5.70	4.51 -0.01 -4.44	15.78 -0.29 -0.96	13.29 -0.27 -0.71
DUNKIRK___4 23566	18.20 -0.54 -4.23	14.86 -0.49 -2.77	11.75 -0.53 -2.52	5.13 -0.03 -4.81	5.06 -0.02 -4.75	6.18 -0.06 -5.15	2.69 0.10 -6.28	7.85 -0.10 -4.61	3.99 0.03 -5.78	7.79 0.04 -7.97	10.70 -0.07 -6.66	3.93 0.04 -8.27	3.91 0.05 -6.74	9.19 -0.02 -4.31	19.44 -0.33 -1.59	10.48 -0.09 -3.97	5.23 -0.01 -5.43	6.58 0.01 -7.28	10.60 -0.22 -4.21	22.30 -0.54 -0.90	8.70 -0.02 -5.70	4.51 -0.01 -4.44	15.78 -0.29 -0.96	13.29 -0.27 -0.71
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.66 1.23 -23.92	29.31 1.06 -15.68	24.82 0.80 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.54 -0.31 -35.54	29.74 0.31 -26.07	30.74 -0.16 -32.72	44.94 -0.01 -45.18	42.25 0.38 -37.75	42.06 -0.41 -46.86	35.04 -0.26 -38.19	29.77 0.46 -24.40	28.96 1.75 -9.02	29.72 0.65 -22.46	30.56 -0.01 -30.76	40.47 -0.07 -41.24	31.10 0.65 -23.84	29.22 2.17 -5.10	35.61 0.30 -32.28	25.23 0.01 -25.13	22.04 1.51 -5.42	18.14 1.24 -4.06
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.23 1.06 -23.66	29.00 0.91 -15.50	24.55 0.69 -14.11	27.27 0.02 -26.89	26.94 0.03 -26.57	29.96 0.08 -28.80	31.18 -0.27 -35.14	29.41 0.27 -25.79	30.40 -0.14 -32.36	44.45 -0.01 -44.68	41.78 0.33 -37.33	41.60 -0.36 -46.34	34.65 -0.23 -37.77	29.44 0.40 -24.13	28.59 1.48 -8.93	29.38 0.55 -22.21	30.23 0.00 -30.43	40.02 -0.06 -40.78	30.75 0.57 -23.58	28.87 1.88 -5.04	35.21 0.26 -31.93	24.95 0.01 -24.85	21.79 1.31 -5.36	17.94 1.08 -4.01
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.71 1.27 -23.93	29.35 1.10 -15.68	24.85 0.83 -14.26	27.57 0.02 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.33 -35.54	29.77 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.26 0.39 -37.75	42.06 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.03 1.82 -9.03	29.75 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.33 2.28 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.11 1.57 -5.43	18.19 1.29 -4.06
EAST HAMPTON___GT 23717	55.28 2.11 -38.65	43.89 1.80 -29.51	29.68 1.35 -18.57	27.60 0.05 -27.20	38.68 0.05 -38.29	53.83 0.15 -52.59	50.35 -0.56 -54.60	48.78 0.53 -44.89	30.64 -0.28 -32.73	44.94 -0.03 -45.19	55.39 0.66 -50.60	60.35 -0.73 -65.46	53.70 -0.48 -57.07	52.82 0.81 -47.10	53.72 2.94 -32.59	42.75 1.10 -35.03	32.72 -0.01 -32.93	51.99 -0.12 -52.82	76.94 1.16 -69.18	68.96 3.77 -43.24	98.09 0.57 -94.49	60.60 0.01 -60.50	56.37 2.58 -38.68	37.10 2.02 -22.23
EAST RIVER___6 23660	39.62 1.18 -23.93	29.28 1.02 -15.68	24.81 0.78 -14.26	27.57 0.02 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.28 0.41 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.27 2.22 -5.10	35.61 0.30 -32.29	25.23 0.01 -25.13	22.03 1.49 -5.42	18.11 1.21 -4.06
EAST RIVER___7 23524	39.62 1.18 -23.93	29.28 1.02 -15.68	24.81 0.78 -14.26	27.57 0.02 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.28 0.41 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.27 2.22 -5.10	35.61 0.30 -32.29	25.23 0.01 -25.13	22.03 1.49 -5.42	18.11 1.21 -4.06
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.58 1.18 -23.89	29.24 1.01 -15.66	24.77 0.77 -14.24	27.53 0.02 -27.16	27.20 0.03 -26.84	30.26 0.08 -29.08	31.50 -0.30 -35.49	29.69 0.30 -26.04	30.71 -0.16 -32.68	44.88 -0.01 -45.12	42.18 0.36 -37.70	42.02 -0.40 -46.80	35.00 -0.25 -38.14	29.72 0.44 -24.37	28.85 1.65 -9.01	29.66 0.61 -22.43	30.53 -0.01 -30.72	40.42 -0.06 -41.19	31.04 0.62 -23.81	29.10 2.06 -5.10	35.55 0.28 -32.24	25.19 0.01 -25.09	21.97 1.44 -5.42	18.08 1.19 -4.05
EAST_HAMPTON___DIESEL 23722	55.28 2.12 -38.65	43.90 1.81 -29.51	29.68 1.36 -18.57	27.60 0.05 -27.20	38.68 0.05 -38.29	53.83 0.15 -52.59	50.35 -0.56 -54.60	48.78 0.53 -44.89	30.64 -0.28 -32.73	44.94 -0.03 -45.19	55.39 0.66 -50.60	60.35 -0.73 -65.46	53.70 -0.48 -57.07	52.82 0.81 -47.10	53.72 2.95 -32.59	42.75 1.11 -35.03	32.72 -0.01 -32.93	51.99 -0.13 -52.82	76.95 1.16 -69.18	68.96 3.77 -43.24	98.09 0.57 -94.49	60.60 0.01 -60.50	56.37 2.58 -38.68	37.10 2.03 -22.23

EAST_RIVER___1 323558	39.72 1.28 -23.93	29.36 1.10 -15.68	24.87 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.01 -45.18	42.27 0.40 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.80 0.49 -24.40	29.05 1.84 -9.03	29.75 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.14 0.69 -23.84	29.33 2.28 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.11 1.57 -5.42	18.19 1.30 -4.06
EAST_RIVER___2 323559	39.62 1.18 -23.93	29.28 1.02 -15.68	24.81 0.78 -14.26	27.57 0.02 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.28 0.41 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.27 2.22 -5.10	35.61 0.30 -32.29	25.23 0.01 -25.13	22.03 1.49 -5.42	18.11 1.21 -4.06
EAST___DELAWARE_HYD 23607	37.37 1.11 -21.75	27.78 0.95 -14.25	23.44 0.71 -12.96	25.09 0.02 -24.72	24.79 0.03 -24.43	27.64 0.08 -26.47	28.30 -0.32 -32.30	27.37 0.32 -23.70	27.77 -0.16 -29.74	40.83 -0.01 -41.07	38.79 0.36 -34.31	37.83 -0.38 -42.59	31.59 -0.24 -34.72	27.50 0.41 -22.18	27.57 1.18 -8.20	27.46 0.43 -20.42	27.77 0.00 -27.96	36.72 -0.06 -37.49	28.64 0.36 -21.67	27.78 1.19 -4.64	32.54 0.17 -29.34	22.97 0.04 -22.84	21.20 1.16 -4.93	17.48 0.95 -3.69
ELEC_TRO_TEK 24086	54.51 1.35 -38.65	43.26 1.18 -29.51	29.22 0.89 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.78 0.10 -52.59	50.56 -0.34 -54.60	48.58 0.33 -44.89	30.74 -0.17 -32.73	44.95 -0.01 -45.19	55.14 0.42 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.52 0.52 -47.10	52.68 1.90 -32.59	42.35 0.70 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.46 0.68 -69.18	67.80 2.22 -43.64	97.85 0.33 -94.49	60.60 0.01 -60.50	55.43 1.64 -38.68	36.42 1.34 -22.23
ELLENBURG_WT_PWR 323604	14.23 -0.28 0.00	12.32 -0.26 0.00	9.57 -0.19 0.00	0.36 0.00 0.00	0.35 0.01 0.00	1.06 -0.03 0.00	-3.50 0.19 0.00	3.17 -0.19 0.00	-1.70 0.11 0.00	-0.20 0.02 0.00	3.83 -0.29 0.00	-4.05 0.33 0.00	-2.68 0.20 0.00	4.53 -0.38 0.00	16.90 -1.29 0.00	6.15 -0.46 0.00	-0.18 0.02 0.00	-0.65 0.06 0.00	6.13 -0.48 0.00	20.37 -1.58 0.00	2.79 -0.23 0.00	0.10 0.00 0.00	14.42 -0.69 0.00	12.35 -0.49 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.75 -0.79 -4.02	14.50 -0.71 -2.64	11.44 -0.71 -2.40	4.89 -0.04 -4.57	4.81 -0.04 -4.52	5.91 -0.07 -4.90	2.43 0.15 -5.98	7.57 -0.16 -4.38	3.74 0.05 -5.50	7.41 0.04 -7.59	10.29 -0.17 -6.34	3.64 0.14 -7.87	3.64 0.10 -6.42	8.89 -0.12 -4.10	18.90 -0.80 -1.52	10.14 -0.24 -3.77	4.96 -0.02 -5.17	6.25 0.02 -6.93	10.24 -0.38 -4.01	21.69 -1.12 -0.86	8.34 -0.11 -5.43	4.30 -0.02 -4.22	15.35 -0.68 -0.91	12.97 -0.56 -0.68
EMPIRE_CC_1 323656	45.04 0.76 -29.77	32.79 0.70 -19.51	28.04 0.54 -17.75	34.21 0.02 -33.83	33.79 0.02 -33.44	37.38 0.06 -36.23	40.33 -0.19 -44.22	35.95 0.15 -32.45	38.81 -0.09 -40.72	55.98 -0.01 -56.22	51.29 0.20 -46.97	53.71 -0.22 -58.30	44.49 -0.14 -47.52	35.52 0.25 -30.36	30.39 0.98 -11.23	34.92 0.36 -27.95	38.07 -0.02 -38.28	50.56 -0.04 -51.31	36.64 0.37 -29.66	29.52 1.22 -6.35	43.37 0.17 -40.17	31.37 0.01 -31.26	22.78 0.93 -6.75	18.64 0.75 -5.05
EMPIRE_CC_2 323658	45.04 0.76 -29.77	32.79 0.70 -19.51	28.04 0.54 -17.75	34.21 0.02 -33.83	33.79 0.02 -33.44	37.38 0.06 -36.23	40.33 -0.19 -44.22	35.95 0.15 -32.45	38.81 -0.09 -40.72	55.98 -0.01 -56.22	51.29 0.20 -46.97	53.71 -0.22 -58.30	44.49 -0.14 -47.52	35.52 0.25 -30.36	30.39 0.98 -11.23	34.92 0.36 -27.95	38.07 -0.02 -38.28	50.56 -0.04 -51.31	36.64 0.37 -29.66	29.52 1.22 -6.35	43.37 0.17 -40.17	31.37 0.01 -31.26	22.78 0.93 -6.75	18.64 0.75 -5.05
ERIE_WT_PWR 323693	17.96 -0.67 -4.12	14.65 -0.62 -2.70	11.57 -0.64 -2.45	5.00 -0.03 -4.68	4.92 -0.04 -4.62	6.03 -0.07 -5.01	2.55 0.12 -6.11	7.69 -0.14 -4.49	3.86 0.04 -5.63	7.58 0.03 -7.77	10.48 -0.13 -6.49	3.78 0.11 -8.06	3.76 0.08 -6.57	9.02 -0.08 -4.19	19.10 -0.64 -1.55	10.29 -0.18 -3.86	5.08 -0.02 -5.29	6.40 0.02 -7.09	10.40 -0.31 -4.10	21.94 -0.89 -0.88	8.50 -0.07 -5.55	4.40 -0.01 -4.32	15.51 -0.53 -0.93	13.10 -0.44 -0.70
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.16 0.27 -5.38	16.33 0.23 -3.52	13.09 0.12 -3.21	6.47 0.00 -6.11	6.39 0.01 -6.04	7.65 0.02 -6.55	4.21 -0.10 -7.99	9.31 0.09 -5.86	5.49 -0.06 -7.36	9.94 0.00 -10.16	12.75 0.15 -8.49	6.00 -0.16 -10.54	5.61 -0.10 -8.59	10.58 0.19 -5.49	20.86 0.65 -2.03	11.90 0.23 -5.05	6.72 0.00 -6.92	8.54 -0.03 -9.27	12.20 0.23 -5.36	23.86 0.77 -1.15	10.40 0.12 -7.26	5.74 0.00 -5.65	16.72 0.39 -1.22	14.09 0.33 -0.91
E_CANADA_CAP_HY 24051	53.85 0.34 -39.00	38.40 0.27 -25.55	33.15 0.15 -23.25	44.68 0.01 -44.32	44.13 0.00 -43.80	48.58 0.03 -47.46	54.09 -0.14 -57.92	45.99 0.13 -42.50	51.45 -0.07 -53.33	73.40 -0.01 -73.64	65.83 0.18 -61.53	71.82 -0.17 -76.37	59.26 0.19 -62.25	44.86 0.19 -39.77	33.59 0.69 -14.71	43.44 0.22 -36.61	49.94 0.00 -50.14	66.48 -0.03 -67.21	45.69 0.23 -38.85	31.00 0.74 -8.31	55.74 0.10 -52.62	41.05 0.00 -40.95	24.34 0.39 -8.84	19.73 0.28 -6.61
E_CANADA_MHWK_HY 24050	14.63 0.72 0.60	12.79 0.61 0.39	9.85 0.44 0.36	-0.31 0.02 0.68	-0.31 0.02 0.67	0.42 0.06 0.73	-4.81 -0.23 0.89	2.91 0.20 0.65	-2.74 -0.11 0.82	-1.37 -0.02 1.13	3.45 0.27 0.94	-5.85 -0.30 1.17	-4.03 -0.19 0.95	4.61 0.31 0.61	19.15 1.20 0.23	6.50 0.44 0.56	-0.98 -0.01 0.77	-1.79 -0.05 1.03	6.46 0.45 0.60	23.33 1.50 0.13	2.43 0.21 0.81	-0.54 0.00 0.63	15.80 0.82 0.14	13.39 0.65 0.10
E_FISHKILL___LBMP 23776	40.14 1.06 -24.57	29.59 0.91 -16.10	25.10 0.69 -14.65	28.30 0.02 -27.93	27.96 0.03 -27.60	31.07 0.08 -29.91	32.54 -0.27 -36.50	30.40 0.27 -26.78	31.65 -0.14 -33.61	46.17 -0.01 -46.40	43.21 0.32 -38.77	43.39 -0.35 -48.12	36.11 -0.23 -39.23	30.36 0.39 -25.06	28.93 1.48 -9.27	30.23 0.55 -23.07	31.40 -0.01 -31.60	41.59 -0.06 -42.35	31.65 0.56 -24.48	29.04 1.86 -5.24	36.44 0.26 -33.16	25.91 0.01 -25.81	21.99 1.30 -5.57	18.09 1.08 -4.17
FAR ROCKAWAY___4 23548	54.68 1.52 -38.65	43.41 1.32 -29.51	29.33 1.00 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.38 -44.89	30.72 -0.20 -32.73	44.95 -0.02 -45.19	55.19 0.47 -50.60	60.58 -0.50 -65.46	53.87 -0.31 -57.07	52.54 0.53 -47.10	52.74 1.97 -32.59	42.37 0.73 -35.03	32.73 -0.01 -32.93	52.04 -0.08 -52.82	76.54 0.76 -69.18	68.15 2.57 -43.64	97.86 0.35 -94.49	60.60 0.01 -60.50	55.49 1.70 -38.68	36.50 1.43 -22.23
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.74 1.31 -23.93	29.38 1.13 -15.68	24.88 0.86 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.73 -0.17 -32.72	44.94 -0.01 -45.18	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.19	29.81 0.50 -24.40	29.08 1.87 -9.03	29.77 0.69 -22.46	30.57 0.00 -30.77	40.46 -0.07 -41.24	31.15 0.70 -23.84	29.37 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.14 1.60 -5.43	18.22 1.32 -4.06

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.74 1.31 -23.93	29.38 1.12 -15.68	24.88 0.86 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.01 -45.18	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.03 -0.28 -38.19	29.81 0.50 -24.40	29.07 1.86 -9.03	29.76 0.69 -22.46	30.57 0.00 -30.77	40.46 -0.07 -41.24	31.15 0.70 -23.84	29.37 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.14 1.60 -5.43	18.22 1.32 -4.06
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.73 1.29 -23.93	29.37 1.11 -15.68	24.87 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.01 -45.18	42.27 0.40 -37.75	42.05 -0.44 -46.86	35.03 -0.28 -38.19	29.80 0.49 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.14 0.69 -23.84	29.34 2.29 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.12 1.58 -5.43	18.20 1.30 -4.06
FARRAGUT___LBMP 323566	39.72 1.28 -23.93	29.36 1.10 -15.68	24.87 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.80 0.49 -24.40	29.04 1.83 -9.03	29.75 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.32 2.27 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.11 1.57 -5.43	18.20 1.30 -4.06
FENNER___WINDPWR 24204	17.35 0.17 -2.66	14.47 0.15 -1.75	11.44 0.09 -1.59	3.38 0.00 -3.03	3.33 0.00 -2.99	4.34 0.02 -3.24	0.19 -0.07 -3.96	6.33 0.07 -2.90	1.79 -0.05 -3.64	4.80 -0.01 -5.03	8.43 0.12 -4.20	0.71 -0.13 -5.22	1.29 -0.08 -4.25	7.79 0.16 -2.72	19.77 0.58 -1.00	9.31 0.19 -2.50	3.23 0.00 -3.43	3.86 -0.02 -4.59	9.45 0.19 -2.66	23.10 0.58 -0.57	6.70 0.08 -3.59	2.89 0.00 -2.79	15.99 0.27 -0.60	13.51 0.21 -0.45
FIBERTEK___ENERGY 23856	16.92 -0.03 -2.44	14.14 -0.04 -1.60	11.15 -0.07 -1.46	3.12 0.00 -2.78	3.08 0.00 -2.75	4.06 0.00 -2.97	-0.08 -0.01 -3.63	6.03 0.02 -2.66	1.51 -0.02 -3.34	4.39 0.00 -4.61	8.01 0.04 -3.86	0.36 -0.05 -4.79	0.99 -0.03 -3.90	7.46 0.06 -2.49	19.25 0.14 -0.92	8.96 0.06 -2.30	2.95 0.00 -3.14	3.50 -0.01 -4.21	9.10 0.05 -2.43	22.65 0.18 -0.52	6.36 0.04 -3.30	2.66 0.00 -2.57	15.70 0.03 -0.55	13.29 0.03 -0.41
FITZPATRICK____ 23598	15.62 -0.37 -1.48	13.22 -0.33 -0.97	10.36 -0.28 -0.88	2.02 -0.01 -1.68	1.99 -0.01 -1.66	2.86 -0.03 -1.80	-1.41 0.08 -2.20	4.89 -0.08 -1.61	0.25 0.04 -2.02	2.58 0.01 -2.79	6.37 -0.08 -2.33	-1.40 0.08 -2.90	-0.47 0.05 -2.36	6.33 -0.08 -1.51	18.37 -0.37 -0.56	7.87 -0.13 -1.39	1.71 0.00 -1.90	1.86 0.02 -2.55	7.94 -0.14 -1.47	21.78 -0.49 -0.31	4.96 -0.06 -2.00	1.64 0.00 -1.55	15.09 -0.36 -0.34	12.81 -0.29 -0.25
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.41 1.25 -24.65	29.80 1.07 -16.15	25.26 0.81 -14.69	28.39 0.03 -28.01	28.05 0.03 -27.68	31.18 0.09 -30.00	32.60 -0.32 -36.61	30.53 0.32 -26.86	31.73 -0.17 -33.71	46.30 -0.01 -46.54	43.40 0.39 -38.89	43.47 -0.42 -48.27	36.19 -0.27 -39.34	30.51 0.47 -25.14	29.22 1.74 -9.30	30.40 0.65 -23.14	31.49 -0.01 -31.69	41.71 -0.07 -42.48	31.83 0.67 -24.56	29.41 2.21 -5.25	36.59 0.31 -33.26	25.99 0.01 -25.88	22.21 1.51 -5.59	18.27 1.25 -4.18
FORT ORANGE____ 23900	45.78 0.85 -30.42	33.30 0.79 -19.93	28.50 0.61 -18.13	34.95 0.02 -34.57	34.52 0.02 -34.16	38.18 0.07 -37.02	41.27 -0.22 -45.18	36.69 0.18 -33.15	39.70 -0.10 -41.60	57.21 -0.01 -57.44	52.32 0.21 -48.00	54.97 -0.22 -59.57	45.52 -0.15 -48.56	36.18 0.25 -31.02	30.65 0.99 -11.47	35.53 0.36 -28.56	38.91 -0.02 -39.12	51.69 -0.04 -52.43	37.29 0.37 -30.31	29.67 1.24 -6.48	44.25 0.18 -41.05	32.05 0.01 -31.94	22.86 0.85 -6.90	18.76 0.76 -5.16
FORT_DRUM_COGEN 23780	15.39 -0.04 -0.92	13.02 -0.15 -0.60	10.16 -0.15 -0.55	1.39 0.00 -1.04	1.37 0.00 -1.03	2.20 0.00 -1.12	-2.31 0.02 -1.36	4.33 -0.03 -1.00	-0.55 0.01 -1.26	1.50 -0.01 -1.74	5.56 0.00 -1.45	-2.59 -0.01 -1.80	-1.43 -0.01 -1.47	5.85 0.00 -0.94	18.49 -0.04 -0.35	7.47 -0.01 -0.86	0.99 0.00 -1.18	0.87 -0.01 -1.58	7.61 0.09 -0.92	22.41 0.26 -0.20	4.26 0.00 -1.24	1.05 -0.01 -0.97	15.15 -0.17 -0.21	12.89 -0.11 -0.16
FPL_FAR_ROCK_GT1 24212	54.68 1.52 -38.65	43.41 1.32 -29.51	29.33 1.00 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.38 -44.89	30.72 -0.20 -32.73	44.95 -0.02 -45.19	55.19 0.47 -50.60	60.58 -0.50 -65.46	53.87 -0.31 -57.07	52.54 0.53 -47.10	52.74 1.97 -32.59	42.37 0.73 -35.03	32.73 -0.01 -32.93	52.04 -0.08 -52.82	76.54 0.76 -69.18	68.15 2.57 -43.64	97.86 0.35 -94.49	60.60 0.01 -60.50	55.49 1.70 -38.68	36.50 1.43 -22.23
FPL_FAR_ROCK_GT2 23815	54.68 1.52 -38.65	43.41 1.32 -29.51	29.33 1.00 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.38 -44.89	30.72 -0.20 -32.73	44.95 -0.02 -45.19	55.19 0.47 -50.60	60.58 -0.50 -65.46	53.87 -0.31 -57.07	52.54 0.53 -47.10	52.74 1.97 -32.59	42.37 0.73 -35.03	32.73 -0.01 -32.93	52.04 -0.08 -52.82	76.54 0.76 -69.18	68.15 2.57 -43.64	97.86 0.35 -94.49	60.60 0.01 -60.50	55.49 1.70 -38.68	36.50 1.43 -22.23
FRANKLIN_FALL_HYD 24054	14.47 -0.04 0.00	12.47 -0.11 0.00	9.72 -0.04 0.00	0.36 0.01 0.00	0.35 0.02 0.00	1.08 -0.01 0.00	-3.58 0.10 0.00	3.25 -0.10 0.00	-1.74 0.08 0.00	-0.22 0.01 0.00	3.94 -0.17 0.00	-4.16 0.22 0.00	-2.76 0.13 0.00	4.66 -0.25 0.00	17.34 -0.84 0.00	6.31 -0.30 0.00	-0.18 0.01 0.00	-0.67 0.03 0.00	6.33 -0.28 0.00	21.03 -0.92 0.00	2.88 -0.14 0.00	0.09 0.00 0.00	14.65 -0.46 0.00	12.54 -0.30 0.00
FREEPORT_EQUS_GT1 23764	54.53 1.37 -38.65	43.31 1.23 -29.51	29.27 0.94 -18.57	27.58 0.03 -27.20	38.65 0.03 -38.29	53.78 0.10 -52.59	50.56 -0.35 -54.60	48.59 0.34 -44.89	30.73 -0.19 -32.73	44.95 -0.01 -45.19	55.15 0.43 -50.60	60.61 -0.47 -65.46	53.88 -0.30 -57.07	52.53 0.53 -47.10	52.72 1.95 -32.59	42.37 0.73 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.49 0.70 -69.18	67.92 2.35 -43.63	97.87 0.36 -94.49	60.61 0.02 -60.50	55.53 1.74 -38.68	36.49 1.42 -22.23
FREEPORT___CT2 23818	54.53 1.37 -38.65	43.31 1.23 -29.51	29.27 0.94 -18.57	27.58 0.03 -27.20	38.65 0.03 -38.29	53.78 0.10 -52.59	50.56 -0.35 -54.60	48.59 0.34 -44.89	30.73 -0.19 -32.73	44.95 -0.01 -45.19	55.15 0.43 -50.60	60.61 -0.47 -65.46	53.88 -0.30 -57.07	52.53 0.53 -47.10	52.72 1.95 -32.59	42.37 0.73 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.49 0.70 -69.18	67.92 2.35 -43.63	97.87 0.36 -94.49	60.61 0.02 -60.50	55.53 1.74 -38.68	36.49 1.42 -22.23
FULTON COGEN____ 23766	16.24 -0.18 -1.90	13.66 -0.17 -1.25	10.72 -0.17 -1.14	2.51 -0.01 -2.16	2.47 -0.01 -2.14	3.39 -0.02 -2.32	-0.83 0.03 -2.83	5.40 -0.03 -2.07	0.80 0.01 -2.60	3.37 0.00 -3.59	7.10 -0.02 -3.00	-0.64 0.01 -3.73	0.16 0.00 -3.04	6.84 -0.01 -1.94	18.82 -0.08 -0.72	8.37 -0.03 -1.79	2.26 0.00 -2.45	2.57 0.00 -3.28	8.46 -0.04 -1.90	22.20 -0.15 -0.40	5.58 -0.01 -2.57	2.09 -0.01 -2.00	15.39 -0.15 -0.43	13.05 -0.12 -0.32

FULTON___LFGE 323630	52.88 1.19 -37.18	37.94 1.01 -24.36	32.64 0.72 -22.16	42.63 0.03 -42.25	42.11 0.02 -41.75	46.43 0.09 -45.25	51.09 -0.44 -55.22	44.29 0.41 -40.52	48.83 -0.20 -50.85	69.96 -0.01 -70.20	63.20 0.43 -58.66	67.98 -0.45 -72.81	56.17 -0.29 -59.34	43.31 0.49 -37.91	33.99 1.79 -14.02	42.15 0.64 -34.90	47.60 -0.01 -47.80	63.27 -0.10 -64.08	44.56 0.91 -37.04	32.84 2.97 -7.93	53.62 0.42 -50.16	39.13 0.00 -39.04	24.76 1.22 -8.43	20.11 0.96 -6.30
G.F.CEMENT___DRP 24184	48.69 1.03 -33.15	35.16 0.87 -21.72	30.14 0.63 -19.76	38.05 0.03 -37.67	37.58 0.02 -37.23	41.51 0.08 -40.34	45.26 -0.28 -49.23	39.71 0.23 -36.13	43.37 -0.15 -45.34	62.35 -0.02 -62.59	56.77 0.36 -52.30	60.16 -0.37 -64.92	49.78 -0.25 -52.91	39.12 0.41 -33.81	32.23 1.55 -12.50	38.32 0.59 -31.12	42.40 -0.02 -42.62	56.36 -0.07 -57.14	40.26 0.62 -33.03	31.08 2.07 -7.07	48.04 0.29 -44.73	34.91 0.00 -34.81	23.79 1.16 -7.51	19.38 0.92 -5.62
GARDENVILLE___LBMP 24039	17.89 -0.72 -4.10	14.60 -0.66 -2.69	11.53 -0.67 -2.44	4.98 -0.03 -4.66	4.91 -0.04 -4.60	6.01 -0.07 -4.99	2.54 0.14 -6.09	7.67 -0.15 -4.47	3.84 0.05 -5.60	7.55 0.04 -7.74	10.43 -0.15 -6.46	3.77 0.12 -8.03	3.75 0.09 -6.54	8.99 -0.10 -4.18	19.03 -0.70 -1.55	10.25 -0.21 -3.85	5.06 -0.02 -5.27	6.38 0.02 -7.06	10.36 -0.33 -4.08	21.85 -0.97 -0.87	8.47 -0.08 -5.53	4.38 -0.01 -4.31	15.46 -0.58 -0.93	13.05 -0.49 -0.69
GENERAL___MILLS 23808	17.95 -0.68 -4.12	14.65 -0.63 -2.70	11.57 -0.64 -2.45	5.00 -0.03 -4.68	4.92 -0.04 -4.62	6.03 -0.07 -5.01	2.55 0.13 -6.11	7.69 -0.14 -4.49	3.86 0.04 -5.63	7.58 0.04 -7.77	10.47 -0.14 -6.49	3.79 0.11 -8.06	3.76 0.08 -6.57	9.02 -0.08 -4.19	19.09 -0.65 -1.55	10.28 -0.19 -3.86	5.08 -0.02 -5.29	6.40 0.02 -7.09	10.39 -0.31 -4.10	21.92 -0.90 -0.88	8.50 -0.07 -5.55	4.40 -0.01 -4.32	15.51 -0.54 -0.93	13.09 -0.45 -0.70
GE_PLASTICS___DRP 24183	45.64 0.76 -30.38	33.17 0.69 -19.90	28.39 0.52 -18.11	34.89 0.02 -34.53	34.47 0.02 -34.12	38.12 0.06 -36.97	41.23 -0.20 -45.12	36.63 0.17 -33.11	39.64 -0.09 -41.54	57.13 -0.01 -57.36	52.26 0.21 -47.93	54.88 -0.23 -59.49	45.45 -0.15 -48.49	36.14 0.26 -30.98	30.64 1.00 -11.46	35.50 0.37 -28.52	38.85 -0.01 -39.06	51.61 -0.04 -52.36	37.25 0.37 -30.26	29.66 1.24 -6.48	44.19 0.18 -40.99	32.00 0.01 -31.90	22.85 0.85 -6.89	18.70 0.70 -5.15
GILBOA___1 23756	38.73 0.64 -23.57	28.59 0.57 -15.44	24.24 0.42 -14.05	27.16 0.02 -26.79	26.82 0.01 -26.47	29.82 0.05 -28.69	31.15 -0.17 -35.01	29.20 0.16 -25.69	30.33 -0.09 -32.23	44.28 -0.01 -44.51	41.50 0.20 -37.19	41.56 -0.22 -46.16	34.60 -0.14 -37.62	29.19 0.24 -24.04	27.99 0.92 -8.89	29.08 0.34 -22.13	30.10 -0.01 -30.31	39.88 -0.04 -40.62	30.43 0.34 -23.48	28.09 1.12 -5.02	34.99 0.16 -31.80	24.85 0.01 -24.75	21.25 0.80 -5.34	17.49 0.65 -4.00
GILBOA___2 23757	38.73 0.64 -23.57	28.59 0.57 -15.44	24.24 0.42 -14.05	27.16 0.02 -26.79	26.82 0.01 -26.47	29.82 0.05 -28.69	31.15 -0.17 -35.01	29.20 0.16 -25.69	30.33 -0.09 -32.23	44.28 -0.01 -44.51	41.50 0.20 -37.19	41.56 -0.22 -46.16	34.60 -0.14 -37.62	29.19 0.24 -24.04	27.99 0.92 -8.89	29.08 0.34 -22.13	30.10 -0.01 -30.31	39.88 -0.04 -40.62	30.43 0.34 -23.48	28.09 1.12 -5.02	34.99 0.16 -31.80	24.85 0.01 -24.75	21.25 0.80 -5.34	17.49 0.65 -4.00
GILBOA___3 23758	38.73 0.64 -23.57	28.59 0.57 -15.44	24.24 0.42 -14.05	27.16 0.02 -26.79	26.82 0.01 -26.47	29.82 0.05 -28.69	31.15 -0.17 -35.01	29.20 0.16 -25.69	30.33 -0.09 -32.23	44.28 -0.01 -44.51	41.50 0.20 -37.19	41.56 -0.22 -46.16	34.60 -0.14 -37.62	29.19 0.24 -24.04	27.99 0.92 -8.89	29.08 0.34 -22.13	30.10 -0.01 -30.31	39.88 -0.04 -40.62	30.43 0.34 -23.48	28.09 1.12 -5.02	34.99 0.16 -31.80	24.85 0.01 -24.75	21.25 0.80 -5.34	17.49 0.65 -4.00
GILBOA___4 23759	38.73 0.64 -23.57	28.59 0.57 -15.44	24.24 0.42 -14.05	27.16 0.02 -26.79	26.82 0.01 -26.47	29.82 0.05 -28.69	31.15 -0.17 -35.01	29.20 0.16 -25.69	30.33 -0.09 -32.23	44.28 -0.01 -44.51	41.50 0.20 -37.19	41.56 -0.22 -46.16	34.60 -0.14 -37.62	29.19 0.24 -24.04	27.99 0.92 -8.89	29.08 0.34 -22.13	30.10 -0.01 -30.31	39.88 -0.04 -40.62	30.43 0.34 -23.48	28.09 1.12 -5.02	34.99 0.16 -31.80	24.85 0.01 -24.75	21.25 0.80 -5.34	17.49 0.65 -4.00
GILBOA___ 23599	38.73 0.64 -23.57	28.59 0.57 -15.44	24.24 0.42 -14.05	27.16 0.02 -26.79	26.82 0.01 -26.47	29.82 0.05 -28.69	31.15 -0.17 -35.01	29.20 0.16 -25.69	30.33 -0.09 -32.23	44.28 -0.01 -44.51	41.50 0.20 -37.19	41.56 -0.22 -46.16	34.60 -0.14 -37.62	29.19 0.24 -24.04	27.99 0.92 -8.89	29.08 0.34 -22.13	30.10 -0.01 -30.31	39.88 -0.04 -40.62	30.43 0.34 -23.48	28.09 1.12 -5.02	34.99 0.16 -31.80	24.85 0.01 -24.75	21.25 0.80 -5.34	17.49 0.65 -4.00
GINNA___ 23603	16.53 -0.86 -2.88	13.69 -0.77 -1.88	10.78 -0.69 -1.71	3.59 -0.03 -3.27	3.54 -0.03 -3.23	4.52 -0.07 -3.50	0.76 0.18 -4.27	6.31 -0.18 -3.13	2.19 0.07 -3.93	5.22 0.01 -5.43	8.47 -0.18 -4.54	1.42 0.17 -5.63	1.81 0.11 -4.59	7.67 -0.17 -2.93	18.44 -0.83 -1.08	9.04 -0.27 -2.70	3.50 0.00 -3.70	4.27 0.03 -4.96	9.14 -0.33 -2.86	21.47 -1.10 -0.61	6.77 -0.13 -3.88	3.10 -0.01 -3.02	14.96 -0.81 -0.65	12.64 -0.69 -0.49
GLEN PARK___ 23778	15.48 0.00 -0.98	13.09 -0.12 -0.64	10.21 -0.13 -0.58	1.46 0.00 -1.11	1.44 0.00 -1.10	2.27 0.00 -1.19	-2.23 0.01 -1.45	4.41 -0.01 -1.07	-0.48 0.00 -1.33	1.61 -0.01 -1.84	5.67 0.02 -1.54	-2.50 -0.03 -1.91	-1.35 -0.02 -1.56	5.93 0.03 -0.99	18.59 0.04 -0.37	7.55 0.02 -0.92	1.06 0.00 -1.26	0.97 -0.01 -1.68	7.71 0.12 -0.97	22.53 0.37 -0.21	4.36 0.02 -1.32	1.11 -0.01 -1.02	15.22 -0.11 -0.22	12.94 -0.07 -0.16
GLENWOOD_IC_1_G5 23712	54.53 1.36 -38.65	43.27 1.18 -29.51	29.23 0.90 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.78 0.10 -52.59	50.56 -0.35 -54.60	48.59 0.34 -44.89	30.74 -0.18 -32.73	44.95 -0.02 -45.19	55.14 0.42 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.71 1.94 -32.59	42.34 0.70 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.47 0.68 -69.18	67.81 2.23 -43.64	97.84 0.32 -94.49	60.61 0.02 -60.50	55.45 1.66 -38.68	36.43 1.36 -22.23
GLENWOOD_IC_2_G1 23688	54.47 1.30 -38.65	43.23 1.13 -29.51	29.19 0.86 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.58 -0.33 -54.60	48.57 0.33 -44.89	30.74 -0.17 -32.73	44.95 -0.02 -45.19	55.12 0.40 -50.60	60.64 -0.44 -65.46	53.90 -0.28 -57.07	52.50 0.49 -47.10	52.63 1.85 -32.59	42.33 0.68 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.46 0.67 -69.18	67.80 2.22 -43.64	97.83 0.32 -94.49	60.60 0.01 -60.50	55.38 1.59 -38.68	36.38 1.31 -22.23
GLENWOOD_IC_3_G1 23689	54.47 1.30 -38.65	43.23 1.13 -29.51	29.19 0.86 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.58 -0.33 -54.60	48.57 0.33 -44.89	30.74 -0.17 -32.73	44.95 -0.02 -45.19	55.12 0.40 -50.60	60.64 -0.44 -65.46	53.90 -0.28 -57.07	52.50 0.49 -47.10	52.63 1.85 -32.59	42.33 0.68 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.46 0.67 -69.18	67.80 2.22 -43.64	97.83 0.32 -94.49	60.60 0.01 -60.50	55.38 1.59 -38.68	36.38 1.31 -22.23

GLENWOOD___4 23550	54.53 1.36 -38.65	43.27 1.18 -29.51	29.23 0.90 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.78 0.10 -52.59	50.56 -0.35 -54.60	48.59 0.34 -44.89	30.74 -0.18 -32.73	44.95 -0.02 -45.19	55.14 0.42 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.52 0.51 -47.10	52.72 1.94 -32.59	42.35 0.70 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.48 0.69 -69.18	67.84 2.25 -43.64	97.84 0.33 -94.49	60.60 0.01 -60.50	55.45 1.66 -38.68	36.43 1.36 -22.23
GLENWOOD___5 23614	54.53 1.36 -38.65	43.27 1.18 -29.51	29.23 0.90 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.78 0.10 -52.59	50.56 -0.35 -54.60	48.59 0.34 -44.89	30.74 -0.18 -32.73	44.95 -0.02 -45.19	55.14 0.42 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.52 0.51 -47.10	52.72 1.94 -32.59	42.35 0.70 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.48 0.69 -69.18	67.84 2.25 -43.64	97.84 0.33 -94.49	60.60 0.01 -60.50	55.45 1.66 -38.68	36.43 1.36 -22.23
GLOBAL GREEN_PORT_GT1 23814	55.24 2.08 -38.65	43.86 1.77 -29.51	29.66 1.33 -18.57	27.59 0.04 -27.20	38.68 0.05 -38.29	53.83 0.15 -52.59	50.36 -0.55 -54.60	48.78 0.53 -44.89	30.64 -0.27 -32.73	44.94 -0.03 -45.19	55.37 0.66 -50.60	60.36 -0.72 -65.46	53.71 -0.48 -57.07	52.80 0.80 -47.10	53.66 2.89 -32.59	42.73 1.09 -35.03	32.72 -0.01 -32.93	51.99 -0.12 -52.82	76.93 1.14 -69.18	68.91 3.72 -43.23	98.08 0.57 -94.49	60.60 0.01 -60.50	56.34 2.54 -38.68	37.07 2.00 -22.23
GLOBE___DSASP 323697	17.04 -1.26 -3.79	13.90 -1.17 -2.49	10.98 -1.04 -2.26	4.61 -0.05 -4.31	4.55 -0.04 -4.26	5.59 -0.11 -4.62	2.20 0.25 -5.63	7.23 -0.26 -4.13	3.51 0.13 -5.19	7.01 0.07 -7.16	9.76 -0.34 -5.98	3.38 0.33 -7.43	3.39 0.22 -6.05	8.47 -0.31 -3.87	17.99 -1.62 -1.43	9.64 -0.53 -3.56	4.67 -0.01 -4.88	5.88 0.05 -6.54	9.70 -0.69 -3.78	20.58 -2.18 -0.81	7.89 -0.25 -5.12	4.06 -0.01 -3.98	14.62 -1.35 -0.86	12.40 -1.09 -0.64
GOETHSLN___LBMP 323567	39.66 1.22 -23.93	29.31 1.06 -15.68	24.83 0.81 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.54 -0.31 -35.54	29.74 0.31 -26.08	30.75 -0.16 -32.72	44.94 -0.02 -45.18	42.24 0.37 -37.75	42.07 -0.41 -46.86	35.04 -0.26 -38.19	29.77 0.46 -24.40	28.94 1.74 -9.03	29.72 0.64 -22.46	30.57 0.00 -30.77	40.47 -0.06 -41.24	31.10 0.65 -23.84	29.22 2.17 -5.10	35.61 0.30 -32.29	25.23 0.01 -25.13	22.05 1.52 -5.43	18.16 1.26 -4.06
GOODYEAR_LAKE_HYD 323669	22.03 0.54 -6.98	17.60 0.45 -4.57	14.23 0.31 -4.16	8.30 0.01 -7.94	8.19 0.01 -7.84	9.62 0.04 -8.50	6.52 -0.16 -10.37	11.12 0.16 -7.61	7.65 -0.09 -9.55	12.95 -0.01 -13.19	15.35 0.21 -11.02	9.07 -0.23 -13.67	8.12 -0.14 -11.15	12.29 0.26 -7.12	21.76 0.94 -2.64	13.50 0.34 -6.55	8.78 -0.01 -8.98	11.29 -0.04 -12.04	13.90 0.34 -6.96	24.55 1.11 -1.49	12.61 0.16 -9.42	7.43 0.00 -7.33	17.38 0.69 -1.58	14.58 0.55 -1.18
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.40 0.13 -7.76	17.78 0.12 -5.09	14.42 0.04 -4.63	9.18 0.00 -8.82	9.06 0.01 -8.72	10.54 0.01 -9.45	7.79 -0.05 -11.53	11.87 0.06 -8.46	8.77 -0.03 -10.62	14.45 0.01 -14.66	16.46 0.10 -12.25	10.71 -0.12 -15.21	9.45 -0.06 -12.39	12.95 0.13 -7.92	21.57 0.46 -2.93	14.06 0.16 -7.29	9.79 0.00 -9.99	12.66 -0.01 -13.38	14.49 0.14 -7.74	24.12 0.51 -1.66	13.59 0.09 -10.48	8.24 0.00 -8.15	17.18 0.30 -1.76	14.41 0.25 -1.32
GOUDEY___7 23579	22.42 0.14 -7.76	17.79 0.13 -5.09	14.43 0.04 -4.63	9.18 0.00 -8.82	9.06 0.01 -8.72	10.54 0.01 -9.45	7.79 -0.05 -11.53	11.88 0.06 -8.46	8.77 -0.04 -10.62	14.45 0.01 -14.66	16.47 0.10 -12.25	10.71 -0.12 -15.21	9.45 -0.06 -12.39	12.96 0.13 -7.92	21.59 0.48 -2.93	14.07 0.17 -7.29	9.79 0.00 -9.99	12.66 -0.01 -13.38	14.49 0.15 -7.74	24.14 0.53 -1.66	13.60 0.10 -10.48	8.24 0.00 -8.15	17.19 0.32 -1.76	14.43 0.26 -1.32
GOUDEY___8 23580	22.40 0.13 -7.76	17.78 0.12 -5.09	14.42 0.04 -4.63	9.18 0.00 -8.82	9.06 0.01 -8.72	10.54 0.01 -9.45	7.79 -0.05 -11.53	11.87 0.06 -8.46	8.77 -0.03 -10.62	14.45 0.01 -14.66	16.46 0.10 -12.25	10.71 -0.12 -15.21	9.45 -0.06 -12.39	12.95 0.13 -7.92	21.57 0.46 -2.93	14.06 0.16 -7.29	9.79 0.00 -9.99	12.66 -0.01 -13.38	14.49 0.14 -7.74	24.12 0.51 -1.66	13.59 0.09 -10.48	8.24 0.00 -8.15	17.18 0.30 -1.76	14.41 0.25 -1.32
GOWANUS_GT1_1 24077	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT1_2 24078	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT1_3 24079	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT1_4 24080	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT1_5 24084	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT1_6 24111	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06

GOWANUS_GT1_7 24112	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT1_8 24113	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT2_1 24114	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT2_2 24115	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT2_3 24116	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT2_4 24117	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT2_5 24118	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT2_6 24119	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT2_7 24120	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT2_8 24121	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT3_1 24122	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT3_2 24123	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT3_3 24124	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT3_4 24125	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT3_5 24126	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06



GOWANUS_GT3_6 24127	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT3_7 24128	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT3_8 24129	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT4_1 24130	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT4_2 24131	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT4_3 24132	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT4_4 24133	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT4_5 24134	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT4_6 24135	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT4_7 24136	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GOWANUS_GT4_8 24137	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GREENIDGE___3 23582	19.22 -0.07 -4.78	15.65 -0.06 -3.14	12.48 -0.13 -2.85	5.78 -0.01 -5.43	5.70 -0.01 -5.37	6.90 -0.01 -5.82	3.39 -0.03 -7.11	8.60 0.03 -5.21	4.70 -0.03 -6.54	8.82 0.01 -9.03	11.73 0.07 -7.55	4.89 -0.10 -9.37	4.69 -0.05 -7.63	9.89 0.10 -4.88	20.29 0.31 -1.81	11.23 0.13 -4.49	5.96 0.00 -6.15	7.52 -0.01 -8.25	11.47 0.10 -4.77	23.33 0.37 -1.02	9.54 0.07 -6.46	5.11 -0.01 -5.02	16.34 0.14 -1.09	13.76 0.11 -0.81
GREENIDGE___4 23583	19.22 -0.07 -4.78	15.65 -0.06 -3.14	12.48 -0.13 -2.85	5.78 -0.01 -5.43	5.70 -0.01 -5.37	6.90 -0.01 -5.82	3.39 -0.03 -7.11	8.60 0.03 -5.21	4.70 -0.03 -6.54	8.82 0.01 -9.03	11.73 0.07 -7.55	4.89 -0.10 -9.37	4.69 -0.05 -7.63	9.89 0.10 -4.88	20.29 0.31 -1.81	11.23 0.13 -4.49	5.96 0.00 -6.15	7.52 -0.01 -8.25	11.47 0.10 -4.77	23.33 0.37 -1.02	9.54 0.07 -6.46	5.11 -0.01 -5.02	16.34 0.14 -1.09	13.76 0.11 -0.81
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
GROVEVILLE___HYD 323602	40.41 1.25 -24.65	29.80 1.07 -16.15	25.26 0.81 -14.69	28.39 0.03 -28.01	28.05 0.03 -27.68	31.18 0.09 -30.00	32.60 -0.32 -36.61	30.53 0.32 -26.86	31.73 -0.17 -33.71	46.30 -0.01 -46.54	43.40 0.39 -38.89	43.47 -0.42 -48.27	36.19 -0.27 -39.34	30.51 0.47 -25.14	29.22 1.74 -9.30	30.40 0.65 -23.14	31.49 -0.01 -31.69	41.71 -0.07 -42.48	31.83 0.67 -24.56	29.41 2.21 -5.25	36.59 0.31 -33.26	25.99 0.01 -25.88	22.21 1.51 -5.59	18.27 1.25 -4.18

HAMPSHIRE___PAPER_HYD 323593	14.31 -0.20 0.00	12.25 -0.33 0.00	9.60 -0.16 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.08 -0.01 0.00	-3.60 0.09 0.00	3.26 -0.09 0.00	-1.74 0.07 0.00	-0.23 0.00 0.00	3.99 -0.12 0.00	-4.24 0.14 0.00	-2.80 0.08 0.00	4.74 -0.16 0.00	17.59 -0.60 0.00	6.40 -0.21 0.00	-0.18 0.01 0.00	-0.69 0.02 0.00	6.45 -0.16 0.00	21.41 -0.54 0.00	2.93 -0.09 0.00	0.09 -0.01 0.00	14.59 -0.53 0.00	12.53 -0.32 0.00
HARDSCRABBLE_WT_PWR 323673	14.36 0.45 0.60	12.56 0.38 0.39	9.67 0.27 0.36	-0.32 0.01 0.68	-0.32 0.02 0.67	0.40 0.04 0.73	-4.75 -0.17 0.89	2.85 0.15 0.65	-2.71 -0.08 0.82	-1.37 -0.01 1.13	3.38 0.21 0.94	-5.78 -0.23 1.17	-3.97 -0.13 0.95	4.52 0.23 0.61	18.83 0.87 0.23	6.36 0.31 0.56	-0.97 -0.01 0.77	-1.77 -0.03 1.03	6.31 0.29 0.60	22.81 0.99 0.13	2.36 0.14 0.81	-0.54 0.00 0.63	15.50 0.52 0.14	13.15 0.41 0.10
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.16 1.08 -22.57	28.29 0.92 -14.79	23.90 0.69 -13.45	26.03 0.02 -25.65	25.71 0.03 -25.35	28.64 0.08 -27.47	29.55 -0.28 -33.53	28.24 0.28 -24.60	28.91 -0.14 -30.87	42.39 -0.01 -42.62	40.06 0.33 -35.61	39.46 -0.36 -44.20	32.91 -0.23 -36.03	28.32 0.40 -23.02	28.20 1.50 -8.52	28.36 0.56 -21.19	28.83 -0.01 -29.02	38.14 -0.06 -38.90	29.68 0.59 -22.49	28.71 1.94 -4.81	33.76 0.27 -30.46	23.80 0.01 -23.70	21.55 1.32 -5.12	17.75 1.08 -3.83
HARZA MOOSE___RIVER 24016	14.72 0.21 0.00	12.71 0.13 0.00	9.86 0.10 0.00	0.36 0.00 0.00	0.34 0.01 0.00	1.11 0.02 0.00	-3.76 -0.07 0.00	3.42 0.07 0.00	-1.85 -0.03 0.00	-0.23 -0.01 0.00	4.20 0.09 0.00	-4.48 -0.10 0.00	-2.95 -0.07 0.00	5.02 0.11 0.00	18.58 0.39 0.00	6.76 0.14 0.00	-0.20 0.00 0.00	-0.73 -0.02 0.00	6.79 0.18 0.00	22.54 0.59 0.00	3.10 0.08 0.00	0.09 0.00 0.00	15.31 0.19 0.00	13.02 0.18 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.73 1.29 -23.93	29.37 1.11 -15.68	24.87 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.05 -0.43 -46.86	35.02 -0.28 -38.20	29.81 0.50 -24.40	29.07 1.86 -9.03	29.77 0.69 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.37 2.31 -5.10	35.63 0.31 -32.29	25.23 0.01 -25.13	22.13 1.59 -5.43	18.21 1.31 -4.06
HEMPSTEAD___ 23647	54.49 1.32 -38.65	43.25 1.16 -29.51	29.21 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.74 -0.17 -32.73	44.95 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.67 1.90 -32.59	42.34 0.70 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.45 0.66 -69.18	67.76 2.18 -43.64	97.84 0.33 -94.49	60.60 0.01 -60.50	55.43 1.64 -38.68	36.41 1.33 -22.23
HICKLING___1 23621	20.66 0.03 -6.12	16.62 0.03 -4.01	13.34 -0.06 -3.65	7.30 0.00 -6.96	7.21 0.00 -6.87	8.53 0.00 -7.45	5.37 -0.02 -9.09	10.07 0.04 -6.67	6.53 -0.03 -8.37	11.36 0.03 -11.56	13.87 0.10 -9.66	7.48 -0.12 -11.98	6.83 -0.05 -9.77	11.29 0.14 -6.24	20.96 0.47 -2.31	12.52 0.16 -5.75	7.67 0.00 -7.87	9.83 -0.01 -10.55	12.82 0.11 -6.10	23.71 0.46 -1.31	11.38 0.10 -8.26	6.51 0.00 -6.43	16.81 0.31 -1.39	14.13 0.24 -1.04
HICKLING___2 23622	20.66 0.03 -6.12	16.62 0.03 -4.01	13.34 -0.06 -3.65	7.30 0.00 -6.96	7.21 0.00 -6.87	8.53 0.00 -7.45	5.37 -0.02 -9.09	10.07 0.04 -6.67	6.53 -0.03 -8.37	11.36 0.03 -11.56	13.87 0.10 -9.66	7.48 -0.12 -11.98	6.83 -0.05 -9.77	11.29 0.14 -6.24	20.96 0.47 -2.31	12.52 0.16 -5.75	7.67 0.00 -7.87	9.83 -0.01 -10.55	12.82 0.11 -6.10	23.71 0.46 -1.31	11.38 0.10 -8.26	6.51 0.00 -6.43	16.81 0.31 -1.39	14.13 0.24 -1.04
HIGH FALLS___HY 23754	39.53 1.14 -23.88	29.20 0.97 -15.65	24.72 0.73 -14.24	27.52 0.03 -27.14	27.19 0.03 -26.82	30.24 0.08 -29.07	31.47 -0.31 -35.47	29.70 0.31 -26.03	30.69 -0.16 -32.67	44.86 -0.02 -45.10	42.17 0.37 -37.69	42.01 -0.39 -46.78	34.99 -0.25 -38.12	29.68 0.42 -24.36	28.63 1.43 -9.01	29.58 0.55 -22.42	30.51 0.00 -30.71	40.40 -0.06 -41.17	30.99 0.59 -23.80	28.98 1.94 -5.09	35.52 0.27 -32.22	25.19 0.01 -25.08	21.87 1.34 -5.41	17.99 1.10 -4.05
HILLBURN___GT 23639	38.45 1.06 -22.87	28.49 0.92 -14.99	24.08 0.68 -13.64	26.37 0.02 -26.00	26.05 0.03 -25.69	29.00 0.08 -27.84	30.00 -0.29 -33.97	28.57 0.28 -24.93	29.33 -0.14 -31.28	42.96 -0.01 -43.19	40.53 0.32 -36.09	40.06 -0.36 -44.80	33.40 -0.23 -36.51	28.63 0.39 -23.33	28.30 1.49 -8.63	28.63 0.55 -21.48	29.21 0.00 -29.41	38.66 -0.06 -39.42	29.98 0.58 -22.79	28.76 1.93 -4.88	34.16 0.27 -30.87	24.12 0.01 -24.02	21.61 1.31 -5.19	17.80 1.08 -3.88
HISHELDN_WT_PWR 323625	18.15 -0.76 -4.40	14.75 -0.70 -2.88	11.69 -0.69 -2.62	5.32 -0.03 -5.00	5.24 -0.04 -4.94	6.37 -0.07 -5.35	3.01 0.17 -6.53	7.96 -0.18 -4.79	4.26 0.07 -6.01	8.12 0.05 -8.30	10.86 -0.19 -6.93	4.40 0.17 -8.61	4.26 0.13 -7.02	9.23 -0.15 -4.48	18.99 -0.85 -1.66	10.47 -0.27 -4.13	5.45 -0.01 -5.65	6.89 0.03 -7.57	10.64 -0.35 -4.38	21.85 -1.04 -0.94	8.86 -0.10 -5.93	4.70 -0.01 -4.62	15.49 -0.62 -1.00	13.06 -0.53 -0.75
HOLTSVILLE_IC_1 23690	54.63 1.47 -38.65	43.37 1.28 -29.51	29.30 0.97 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.79 0.11 -52.59	50.53 -0.38 -54.60	48.61 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.02 -45.19	55.18 0.47 -50.60	60.57 -0.51 -65.46	53.85 -0.33 -57.07	52.58 0.58 -47.10	52.88 2.11 -32.59	42.43 0.79 -35.03	32.72 -0.01 -32.93	52.03 -0.08 -52.82	76.52 0.73 -69.18	67.61 2.39 -43.27	97.89 0.38 -94.49	60.60 0.01 -60.50	55.67 1.87 -38.68	36.57 1.49 -22.23
HOLTSVILLE_IC_10 23699	54.73 1.57 -38.65	43.45 1.36 -29.51	29.36 1.03 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.38 -44.89	30.71 -0.20 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.54 -0.54 -65.46	53.83 -0.36 -57.07	52.62 0.62 -47.10	53.03 2.25 -32.59	42.49 0.84 -35.03	32.72 -0.02 -32.93	52.03 -0.08 -52.82	76.57 0.78 -69.18	67.64 2.54 -43.15	97.91 0.40 -94.49	60.60 0.01 -60.50	55.78 1.99 -38.68	36.65 1.58 -22.23
HOLTSVILLE_IC_2 23691	54.63 1.47 -38.65	43.37 1.28 -29.51	29.30 0.97 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.79 0.11 -52.59	50.53 -0.38 -54.60	48.61 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.02 -45.19	55.18 0.47 -50.60	60.57 -0.51 -65.46	53.85 -0.33 -57.07	52.58 0.58 -47.10	52.88 2.11 -32.59	42.43 0.79 -35.03	32.72 -0.01 -32.93	52.03 -0.08 -52.82	76.52 0.73 -69.18	67.61 2.39 -43.27	97.89 0.38 -94.49	60.60 0.01 -60.50	55.67 1.87 -38.68	36.57 1.49 -22.23
HOLTSVILLE_IC_3 23692	54.63 1.47 -38.65	43.37 1.28 -29.51	29.30 0.97 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.79 0.11 -52.59	50.53 -0.38 -54.60	48.61 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.02 -45.19	55.18 0.47 -50.60	60.57 -0.51 -65.46	53.85 -0.33 -57.07	52.58 0.58 -47.10	52.88 2.11 -32.59	42.43 0.79 -35.03	32.72 -0.01 -32.93	52.03 -0.08 -52.82	76.52 0.73 -69.18	67.61 2.39 -43.27	97.89 0.38 -94.49	60.60 0.01 -60.50	55.67 1.87 -38.68	36.57 1.49 -22.23

HOLTSVILLE_IC_4 23693	54.63 1.47 -38.65	43.37 1.28 -29.51	29.30 0.97 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.79 0.11 -52.59	50.53 -0.38 -54.60	48.61 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.02 -45.19	55.18 0.47 -50.60	60.57 -0.51 -65.46	53.85 -0.33 -57.07	52.58 0.58 -47.10	52.88 2.11 -32.59	42.43 0.79 -35.03	32.72 -0.01 -32.93	52.03 -0.08 -52.82	76.52 0.73 -69.18	67.61 2.39 -43.27	97.89 0.38 -94.49	60.60 0.01 -60.50	55.67 1.87 -38.68	36.57 1.49 -22.23
HOLTSVILLE_IC_5 23694	54.63 1.47 -38.65	43.37 1.28 -29.51	29.30 0.97 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.79 0.11 -52.59	50.53 -0.38 -54.60	48.61 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.02 -45.19	55.18 0.47 -50.60	60.57 -0.51 -65.46	53.85 -0.33 -57.07	52.58 0.58 -47.10	52.88 2.11 -32.59	42.43 0.79 -35.03	32.72 -0.01 -32.93	52.03 -0.08 -52.82	76.52 0.73 -69.18	67.61 2.39 -43.27	97.89 0.38 -94.49	60.60 0.01 -60.50	55.67 1.87 -38.68	36.57 1.49 -22.23
HOLTSVILLE_IC_6 23695	54.73 1.57 -38.65	43.45 1.36 -29.51	29.36 1.03 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.38 -44.89	30.71 -0.20 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.54 -0.54 -65.46	53.83 -0.36 -57.07	52.62 0.62 -47.10	53.03 2.25 -32.59	42.49 0.84 -35.03	32.72 -0.02 -32.93	52.03 -0.08 -52.82	76.57 0.78 -69.18	67.64 2.54 -43.15	97.91 0.40 -94.49	60.60 0.01 -60.50	55.78 1.99 -38.68	36.65 1.58 -22.23
HOLTSVILLE_IC_7 23696	54.73 1.57 -38.65	43.45 1.36 -29.51	29.36 1.03 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.38 -44.89	30.71 -0.20 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.54 -0.54 -65.46	53.83 -0.36 -57.07	52.62 0.62 -47.10	53.03 2.25 -32.59	42.49 0.84 -35.03	32.72 -0.02 -32.93	52.03 -0.08 -52.82	76.57 0.78 -69.18	67.64 2.54 -43.15	97.91 0.40 -94.49	60.60 0.01 -60.50	55.78 1.99 -38.68	36.65 1.58 -22.23
HOLTSVILLE_IC_8 23697	54.73 1.57 -38.65	43.45 1.36 -29.51	29.36 1.03 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.38 -44.89	30.71 -0.20 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.54 -0.54 -65.46	53.83 -0.36 -57.07	52.62 0.62 -47.10	53.03 2.25 -32.59	42.49 0.84 -35.03	32.72 -0.02 -32.93	52.03 -0.08 -52.82	76.57 0.78 -69.18	67.64 2.54 -43.15	97.91 0.40 -94.49	60.60 0.01 -60.50	55.78 1.99 -38.68	36.65 1.58 -22.23
HOLTSVILLE_IC_9 23698	54.73 1.57 -38.65	43.45 1.36 -29.51	29.36 1.03 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.38 -44.89	30.71 -0.20 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.54 -0.54 -65.46	53.83 -0.36 -57.07	52.62 0.62 -47.10	53.03 2.25 -32.59	42.49 0.84 -35.03	32.72 -0.02 -32.93	52.03 -0.08 -52.82	76.57 0.78 -69.18	67.64 2.54 -43.15	97.91 0.40 -94.49	60.60 0.01 -60.50	55.78 1.99 -38.68	36.65 1.58 -22.23
HOWARD_WT_PWR 323690	19.33 -0.27 -5.10	15.65 -0.27 -3.34	12.48 -0.31 -3.04	6.13 -0.01 -5.79	6.05 -0.02 -5.72	7.26 -0.03 -6.20	3.91 0.03 -7.57	8.88 -0.03 -5.55	5.16 0.00 -6.98	9.44 0.04 -9.63	12.15 -0.02 -8.04	5.58 -0.03 -9.99	5.26 0.00 -8.14	10.12 0.02 -5.20	20.04 -0.07 -1.92	11.40 0.00 -4.79	6.36 0.00 -6.56	8.08 0.00 -8.79	11.67 -0.02 -5.08	23.12 0.09 -1.09	9.95 0.05 -6.88	5.44 0.00 -5.36	16.29 0.02 -1.16	13.72 0.02 -0.87
HQ_GEN_CEDARS 23644	14.20 -0.31 0.00	12.07 -0.51 0.00	9.58 -0.18 0.00	0.35 0.00 0.00	0.33 0.00 0.00	1.07 -0.02 0.00	-3.57 0.12 0.00	3.24 -0.11 0.00	-1.70 0.11 0.00	-0.22 0.01 0.00	3.88 -0.24 0.00	-4.11 0.27 0.00	-2.72 0.17 0.00	4.60 -0.31 0.00	17.10 -1.08 0.00	6.22 -0.39 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.24 -0.38 0.00	20.73 -1.22 0.00	2.84 -0.18 0.00	0.09 0.00 0.00	14.29 -0.83 0.00	12.41 -0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	14.20 -0.31 0.00	12.07 -0.51 0.00	9.58 -0.18 0.00	0.35 0.00 0.00	0.33 0.00 0.00	2.02 -0.02 -0.95	-3.57 0.12 0.00	3.24 -0.11 0.00	-1.70 0.11 0.00	-0.22 0.01 0.00	3.88 -0.24 0.00	-4.11 0.27 0.00	-2.72 0.17 0.00	4.60 -0.31 0.00	17.10 -1.08 0.00	6.22 -0.39 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.24 -0.38 0.00	20.73 -1.22 0.00	2.84 -0.18 0.00	0.09 0.00 0.00	14.29 -0.83 0.00	12.41 -0.44 0.00
HQ_GEN_IMPORT 323601	14.20 -0.31 0.00	12.31 -0.26 0.00	9.59 -0.16 0.00	0.35 0.00 0.00	0.33 -0.01 0.00	1.07 -0.02 0.00	-3.59 0.10 0.00	3.27 -0.09 0.00	-1.76 0.06 0.00	-0.22 0.01 0.00	3.98 -0.13 0.00	-4.23 0.15 0.00	-2.79 0.10 0.00	4.73 -0.17 0.00	17.57 -0.62 0.00	6.38 -0.23 0.00	-0.19 0.01 0.00	-0.68 0.02 0.00	7.06 -0.22 -0.67	21.24 -0.71 0.00	2.91 -0.11 0.00	0.09 0.00 0.00	14.65 -0.47 0.00	12.47 -0.38 0.00
HQ_GEN_WHEEL 23651	14.20 -0.31 0.00	12.31 -0.26 0.00	9.59 -0.16 0.00	0.35 0.00 0.00	0.33 -0.01 0.00	1.07 -0.02 0.00	-3.59 0.10 0.00	3.27 -0.09 0.00	-1.76 0.06 0.00	-0.22 0.01 0.00	3.98 -0.13 0.00	-4.23 0.15 0.00	-2.79 0.10 0.00	4.73 -0.17 0.00	17.57 -0.62 0.00	6.38 -0.23 0.00	-0.19 0.01 0.00	-0.68 0.02 0.00	7.06 -0.22 -0.67	21.24 -0.71 0.00	2.91 -0.11 0.00	0.09 0.00 0.00	14.65 -0.47 0.00	12.47 -0.38 0.00
HUDSON_AVE_GT_3 23810	39.75 1.31 -23.93	29.39 1.13 -15.68	24.88 0.86 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.73 -0.18 -32.72	44.94 -0.02 -45.18	42.28 0.41 -37.75	42.04 -0.44 -46.86	35.02 -0.28 -38.19	29.81 0.50 -24.40	29.09 1.88 -9.03	29.77 0.70 -22.46	30.57 0.00 -30.77	40.46 -0.07 -41.24	31.15 0.70 -23.84	29.38 2.33 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.14 1.61 -5.43	18.22 1.33 -4.06
HUDSON_AVE_GT_4 23540	39.75 1.31 -23.93	29.39 1.13 -15.68	24.88 0.86 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.73 -0.18 -32.72	44.94 -0.02 -45.18	42.28 0.41 -37.75	42.04 -0.44 -46.86	35.02 -0.28 -38.19	29.81 0.50 -24.40	29.09 1.88 -9.03	29.77 0.70 -22.46	30.57 0.00 -30.77	40.46 -0.07 -41.24	31.15 0.70 -23.84	29.38 2.33 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.14 1.61 -5.43	18.22 1.33 -4.06
HUDSON_AVE_GT_5 23657	39.75 1.31 -23.93	29.39 1.13 -15.68	24.88 0.86 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.73 -0.18 -32.72	44.94 -0.02 -45.18	42.28 0.41 -37.75	42.04 -0.44 -46.86	35.02 -0.28 -38.19	29.81 0.50 -24.40	29.09 1.88 -9.03	29.77 0.70 -22.46	30.57 0.00 -30.77	40.46 -0.07 -41.24	31.15 0.70 -23.84	29.38 2.33 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.14 1.61 -5.43	18.22 1.33 -4.06
HUDSON_AVE_10 24168	39.70 1.26 -23.93	29.34 1.09 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.04 -0.28 -38.19	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.09 1.55 -5.43	18.19 1.29 -4.06

HUNTER MOUNT___DRP 323613	42.04 1.31 -26.23	30.89 1.13 -17.18	26.25 0.86 -15.63	30.18 0.03 -29.80	29.82 0.03 -29.45	33.10 0.10 -31.92	34.92 -0.34 -38.95	32.25 0.32 -28.58	33.87 -0.18 -35.86	49.27 -0.02 -49.52	45.90 0.41 -41.38	46.55 -0.42 -51.36	38.70 -0.28 -41.86	32.12 0.47 -26.75	29.93 1.85 -9.89	31.92 0.69 -24.62	33.51 -0.01 -33.72	44.41 -0.08 -45.20	33.46 0.72 -26.13	29.92 2.38 -5.59	38.74 0.33 -35.38	27.64 0.01 -27.54	22.59 1.53 -5.95	18.54 1.25 -4.45
HUNTINGTON_RES_REC 323705	54.53 1.37 -38.65	43.28 1.19 -29.51	29.23 0.90 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.78 0.10 -52.59	50.56 -0.35 -54.60	48.58 0.33 -44.89	30.74 -0.17 -32.73	44.95 -0.02 -45.19	55.14 0.42 -50.60	60.62 -0.46 -65.46	53.88 -0.30 -57.07	52.55 0.54 -47.10	52.73 1.96 -32.59	42.37 0.73 -35.03	32.72 -0.02 -32.93	52.04 -0.07 -52.82	76.46 0.67 -69.18	66.43 2.10 -42.38	97.84 0.33 -94.49	60.60 0.01 -60.50	55.45 1.66 -38.68	36.41 1.34 -22.23
HUNTLEY___63 23557	17.51 -0.87 -3.86	14.29 -0.82 -2.53	11.27 -0.78 -2.30	4.70 -0.04 -4.39	4.64 -0.04 -4.34	5.71 -0.08 -4.70	2.20 0.16 -5.74	7.39 -0.17 -5.74	3.54 0.07 -4.21	7.11 0.05 -5.28	10.01 -0.19 -6.09	3.36 0.18 -7.56	3.40 0.12 -6.16	8.70 -0.14 -3.94	18.66 -0.97 -1.46	9.94 -0.30 -3.63	4.75 -0.02 -4.96	5.97 0.03 -6.66	10.02 -0.43 -3.85	21.45 -1.32 -0.82	8.10 -0.13 -5.21	4.13 -0.01 -4.06	15.16 -0.83 -0.87	12.83 -0.67 -0.65
HUNTLEY___64 23558	17.51 -0.87 -3.86	14.29 -0.82 -2.53	11.27 -0.78 -2.30	4.70 -0.04 -4.39	4.64 -0.04 -4.34	5.71 -0.08 -4.70	2.20 0.16 -5.74	7.39 -0.17 -5.74	3.54 0.07 -4.21	7.11 0.05 -5.28	10.01 -0.19 -6.09	3.36 0.18 -7.56	3.40 0.12 -6.16	8.70 -0.14 -3.94	18.66 -0.97 -1.46	9.94 -0.30 -3.63	4.75 -0.02 -4.96	5.97 0.03 -6.66	10.02 -0.43 -3.85	21.45 -1.32 -0.82	8.10 -0.13 -5.21	4.13 -0.01 -4.06	15.16 -0.83 -0.87	12.83 -0.67 -0.65
HUNTLEY___65 23559	17.51 -0.87 -3.86	14.29 -0.82 -2.53	11.27 -0.78 -2.30	4.70 -0.04 -4.39	4.64 -0.04 -4.34	5.71 -0.08 -4.70	2.20 0.16 -5.74	7.39 -0.17 -5.74	3.54 0.07 -4.21	7.11 0.05 -5.28	10.01 -0.19 -6.09	3.36 0.18 -7.56	3.40 0.12 -6.16	8.70 -0.14 -3.94	18.66 -0.97 -1.46	9.94 -0.30 -3.63	4.75 -0.02 -4.96	5.97 0.03 -6.66	10.02 -0.43 -3.85	21.45 -1.32 -0.82	8.10 -0.13 -5.21	4.13 -0.01 -4.06	15.16 -0.83 -0.87	12.83 -0.67 -0.65
HUNTLEY___66 23560	17.51 -0.87 -3.86	14.29 -0.82 -2.53	11.27 -0.78 -2.30	4.70 -0.04 -4.39	4.64 -0.04 -4.34	5.71 -0.08 -4.70	2.20 0.16 -5.74	7.39 -0.17 -5.74	3.54 0.07 -4.21	7.11 0.05 -5.28	10.01 -0.19 -6.09	3.36 0.18 -7.56	3.40 0.12 -6.16	8.70 -0.14 -3.94	18.66 -0.97 -1.46	9.94 -0.30 -3.63	4.75 -0.02 -4.96	5.97 0.03 -6.66	10.02 -0.43 -3.85	21.45 -1.32 -0.82	8.10 -0.13 -5.21	4.13 -0.01 -4.06	15.16 -0.83 -0.87	12.83 -0.67 -0.65
HUNTLEY___67 23561	17.56 -0.90 -3.95	14.34 -0.82 -2.59	11.32 -0.79 -2.35	4.80 -0.04 -4.49	4.73 -0.04 -4.43	5.81 -0.08 -4.81	2.35 0.18 -5.86	7.46 0.07 -4.30	3.65 0.07 -5.40	7.26 0.03 -7.45	10.13 -0.21 -6.23	3.54 0.19 -7.73	3.54 0.13 -6.30	8.77 -0.16 -4.02	18.68 -0.99 -1.49	10.01 -0.31 -3.71	4.87 -0.02 -5.07	6.13 0.03 -6.80	10.10 -0.45 -3.93	21.43 -1.36 -0.84	8.21 -0.14 -5.33	4.22 -0.02 -4.15	15.17 -0.84 -0.89	12.83 -0.69 -0.67
HUNTLEY___68 23562	17.56 -0.90 -3.95	14.34 -0.82 -2.59	11.32 -0.79 -2.35	4.80 -0.04 -4.49	4.73 -0.04 -4.43	5.81 -0.08 -4.81	2.35 0.18 -5.86	7.46 0.07 -4.30	3.65 0.07 -5.40	7.26 0.03 -7.45	10.13 -0.21 -6.23	3.54 0.19 -7.73	3.54 0.13 -6.30	8.77 -0.16 -4.02	18.68 -0.99 -1.49	10.01 -0.31 -3.71	4.87 -0.02 -5.07	6.13 0.03 -6.80	10.10 -0.45 -3.93	21.43 -1.36 -0.84	8.21 -0.14 -5.33	4.22 -0.02 -4.15	15.17 -0.84 -0.89	12.83 -0.69 -0.67
HYLAND___LFGE 323620	19.00 0.28 -4.21	15.52 0.19 -2.76	12.29 0.02 -2.51	5.14 -0.01 -4.79	5.07 0.00 -4.73	6.23 0.01 -5.13	2.45 -0.12 -6.26	8.06 0.11 -4.59	3.86 -0.09 -5.76	7.74 0.01 -7.96	10.95 0.18 -6.65	3.65 -0.23 -8.26	3.70 -0.14 -6.73	9.48 0.28 -4.30	20.59 0.81 -1.59	10.90 0.33 -3.96	5.21 -0.02 -5.42	6.51 -0.04 -7.27	11.11 0.30 -4.20	23.88 1.04 -0.90	8.88 0.17 -5.69	4.51 -0.01 -4.43	16.64 0.57 -0.96	14.00 0.43 -0.71
INDECK___CORINTH 23802	48.57 0.84 -33.23	35.05 0.70 -21.77	30.05 0.48 -19.81	38.13 0.02 -37.76	37.67 0.01 -37.32	41.59 0.06 -40.44	45.43 -0.23 -49.35	39.75 0.18 -36.21	43.51 -0.12 -45.44	62.50 -0.02 -62.74	56.84 0.30 -52.43	60.38 -0.31 -65.07	49.95 -0.21 -53.04	39.13 0.34 -33.89	31.98 1.26 -12.53	38.29 0.49 -31.19	42.51 -0.02 -42.72	56.50 -0.06 -57.27	40.23 0.51 -33.10	30.73 1.70 -7.08	48.09 0.24 -44.83	34.99 0.00 -34.89	23.58 0.93 -7.53	19.20 0.73 -5.63
INDECK___ILION 23567	14.26 0.35 0.60	12.48 0.30 0.39	9.62 0.21 0.36	-0.32 0.01 0.68	-0.33 0.01 0.67	0.39 0.03 0.73	-4.70 -0.12 0.89	2.81 0.11 0.65	-2.69 -0.06 0.82	-1.36 -0.01 1.13	3.31 0.14 0.94	-5.71 -0.15 1.17	-3.94 -0.09 0.95	4.46 0.16 0.61	18.57 0.61 0.23	6.28 0.23 0.56	-0.97 -0.01 0.77	-1.76 -0.03 1.03	6.25 0.24 0.60	22.62 0.79 0.13	2.33 0.11 0.81	-0.54 0.00 0.63	15.41 0.43 0.14	13.08 0.33 0.10
INDECK___OLEAN 23982	18.83 -0.28 -4.60	15.37 -0.22 -3.02	12.20 -0.30 -2.74	5.57 -0.01 -5.23	5.50 -0.01 -5.17	6.66 -0.04 -5.60	3.20 0.06 -6.84	8.35 -0.03 -5.03	4.51 0.01 -6.32	8.55 0.05 -8.72	11.42 0.02 -7.29	4.62 -0.05 -9.05	4.51 0.02 -7.37	9.67 0.05 -4.71	20.04 0.12 -1.74	10.98 0.03 -4.34	5.74 0.00 -5.94	7.26 0.01 -7.96	11.14 -0.07 -4.60	22.89 -0.04 -0.98	9.31 0.05 -6.23	4.94 -0.01 -4.85	16.20 0.04 -1.05	13.67 0.04 -0.78
INDECK___OSWEGO 23783	16.08 -0.27 -1.83	13.53 -0.25 -1.20	10.61 -0.24 -1.09	2.43 -0.01 -2.08	2.39 -0.01 -2.06	3.29 -0.02 -2.23	-0.91 0.06 -2.72	5.30 -0.05 -2.00	0.72 0.02 -2.51	3.24 0.00 -3.46	6.96 -0.05 -2.89	-0.75 0.04 -3.59	0.07 0.03 -2.93	6.73 -0.05 -1.87	18.64 -0.23 -0.69	8.25 -0.08 -1.72	2.17 0.00 -2.36	2.46 0.01 -3.16	8.35 -0.09 -1.83	22.03 -0.30 -0.39	5.46 -0.04 -2.47	2.01 -0.01 -1.93	15.27 -0.26 -0.42	12.94 -0.21 -0.31
INDECK___YERKES 23781	17.51 -0.86 -3.86	14.30 -0.81 -2.53	11.28 -0.78 -2.30	4.70 -0.04 -4.39	4.64 -0.04 -4.34	5.71 -0.08 -4.70	2.20 0.16 -5.74	7.39 -0.17 -4.21	3.53 0.07 -5.28	7.11 0.05 -7.29	10.01 -0.20 -6.09	3.36 0.18 -7.56	3.40 0.12 -6.16	8.70 -0.14 -3.94	18.68 -0.96 -1.46	9.94 -0.29 -3.63	4.75 -0.02 -4.96	5.97 0.03 -6.66	10.03 -0.43 -3.85	21.46 -1.31 -0.82	8.10 -0.13 -5.21	4.13 -0.01 -4.06	15.17 -0.82 -0.87	12.84 -0.66 -0.65
INDIAN POINT_GT_1 24139	39.36 1.12 -23.72	29.09 0.97 -15.54	24.63 0.73 -14.14	27.34 0.02 -26.96	27.01 0.03 -26.65	30.04 0.08 -28.87	31.26 -0.29 -35.24	29.50 0.28 -25.86	30.49 -0.15 -32.45	44.56 -0.01 -44.80	41.89 0.35 -37.43	41.71 -0.38 -46.46	34.74 -0.24 -37.87	29.52 0.42 -24.20	28.73 1.59 -8.95	29.47 0.59 -22.27	30.31 -0.01 -30.51	40.12 -0.06 -40.89	30.84 0.59 -23.64	28.98 1.97 -5.06	35.31 0.27 -32.01	25.02 0.01 -24.91	21.88 1.39 -5.38	18.01 1.14 -4.02

INDIAN POINT_GT_2 23659	39.36 1.12 -23.72	29.09 0.97 -15.54	24.63 0.73 -14.14	27.34 0.02 -26.96	27.01 0.03 -26.65	30.04 0.08 -28.87	31.26 -0.29 -35.24	29.50 0.28 -25.86	30.49 -0.15 -32.45	44.56 -0.01 -44.80	41.89 0.35 -37.43	41.71 -0.38 -46.46	34.74 -0.24 -37.87	29.52 0.42 -24.20	28.73 1.59 -8.95	29.47 0.59 -22.27	30.31 -0.01 -30.51	40.12 -0.06 -40.89	30.84 0.59 -23.64	28.98 1.97 -5.06	35.31 0.27 -32.01	25.02 0.01 -24.91	21.88 1.39 -5.38	18.01 1.14 -4.02
INDIAN POINT_GT_3 24019	39.36 1.12 -23.72	29.09 0.97 -15.54	24.63 0.73 -14.14	27.34 0.02 -26.96	27.01 0.03 -26.65	30.04 0.08 -28.87	31.26 -0.29 -35.24	29.50 0.28 -25.86	30.49 -0.15 -32.45	44.56 -0.01 -44.80	41.89 0.35 -37.43	41.71 -0.38 -46.46	34.74 -0.24 -37.87	29.52 0.42 -24.20	28.73 1.59 -8.95	29.47 0.59 -22.27	30.31 -0.01 -30.51	40.12 -0.06 -40.89	30.84 0.59 -23.64	28.98 1.97 -5.06	35.31 0.27 -32.01	25.02 0.01 -24.91	21.88 1.39 -5.38	18.01 1.14 -4.02
INDIAN POINT___2 23530	39.04 1.11 -23.42	28.88 0.96 -15.35	24.44 0.72 -13.96	27.00 0.02 -26.62	26.67 0.03 -26.31	29.68 0.08 -28.51	30.82 -0.28 -34.79	29.16 0.28 -25.53	30.07 -0.15 -32.03	43.99 -0.01 -44.23	41.41 0.34 -36.96	41.12 -0.37 -45.87	34.26 -0.24 -37.39	29.21 0.41 -23.89	28.57 1.55 -8.84	29.17 0.57 -21.99	29.92 0.00 -30.12	39.60 -0.06 -40.37	30.53 0.58 -23.34	28.87 1.92 -4.99	34.90 0.27 -31.60	24.70 0.01 -24.60	21.78 1.36 -5.31	17.94 1.12 -3.97
INDIAN POINT___3 23531	39.29 1.04 -23.74	29.03 0.89 -15.56	24.59 0.68 -14.15	27.35 0.02 -26.98	27.02 0.03 -26.66	30.06 0.07 -28.90	31.31 -0.27 -35.26	29.49 0.27 -25.87	30.52 -0.14 -32.47	44.60 -0.01 -44.83	41.90 0.32 -37.46	41.76 -0.35 -46.50	34.79 -0.22 -37.90	29.51 0.39 -24.21	28.61 1.47 -8.96	29.44 0.54 -22.29	30.33 -0.01 -30.53	40.16 -0.06 -40.92	30.81 0.55 -23.65	28.84 1.83 -5.06	35.31 0.25 -32.04	25.03 0.01 -24.93	21.79 1.29 -5.38	17.93 1.06 -4.02
IP CORINTH___1 23988	48.66 0.92 -33.23	35.12 0.77 -21.77	30.11 0.54 -19.81	38.14 0.02 -37.76	37.67 0.01 -37.32	41.59 0.06 -40.44	45.41 -0.25 -49.35	39.76 0.20 -36.21	43.50 -0.13 -45.44	62.50 -0.02 -62.74	56.86 0.32 -52.43	60.36 -0.33 -65.07	49.93 -0.22 -53.04	39.16 0.37 -33.89	32.09 1.37 -12.53	38.33 0.52 -31.19	42.51 -0.02 -42.72	56.50 -0.06 -57.27	40.27 0.55 -33.10	30.86 1.82 -7.08	48.11 0.25 -44.83	34.99 0.00 -34.89	23.66 1.02 -7.53	19.27 0.80 -5.63
IP___TICONDEROGA 23804	48.88 1.19 -33.18	35.24 0.92 -21.74	30.21 0.68 -19.78	38.09 0.03 -37.71	37.62 0.02 -37.26	41.55 0.08 -40.38	45.26 -0.33 -49.28	39.78 0.27 -36.16	43.36 -0.20 -45.37	62.41 -0.02 -62.65	56.96 0.50 -52.35	60.10 -0.49 -64.98	49.74 -0.33 -52.96	39.29 0.55 -33.84	32.74 2.04 -12.51	38.57 0.81 -31.15	42.42 -0.04 -42.66	56.39 -0.08 -57.18	40.51 0.84 -33.06	31.87 2.84 -7.07	48.19 0.40 -44.77	34.93 0.00 -34.84	24.03 1.40 -7.52	19.56 1.09 -5.62
ISLIP_RES_REC 323679	54.79 1.63 -38.65	43.49 1.40 -29.51	29.39 1.06 -18.57	27.58 0.04 -27.20	38.66 0.04 -38.29	53.80 0.12 -52.59	50.49 -0.42 -54.60	48.64 0.40 -44.89	30.70 -0.22 -32.73	44.95 -0.02 -45.19	55.24 0.52 -50.60	60.51 -0.57 -65.46	53.81 -0.37 -57.07	52.64 0.64 -47.10	53.11 2.34 -32.59	42.52 0.88 -35.03	32.72 -0.02 -32.93	52.03 -0.09 -52.82	76.61 0.82 -69.18	67.77 2.66 -43.16	97.93 0.42 -94.49	60.60 0.01 -60.50	55.85 2.06 -38.68	36.71 1.63 -22.23
JARVIS____ 23743	13.99 0.07 0.60	12.25 0.07 0.39	9.44 0.04 0.36	-0.33 0.00 0.68	-0.33 0.00 0.67	0.37 0.01 0.73	-4.60 -0.03 0.89	2.73 0.03 0.65	-2.65 -0.02 0.82	-1.36 0.00 1.13	3.21 0.04 0.94	-5.59 -0.04 1.17	-3.87 -0.03 0.95	4.34 0.04 0.61	18.13 0.17 0.23	6.11 0.06 0.56	-0.96 0.00 0.77	-1.74 -0.01 1.03	6.08 0.07 0.60	22.03 0.21 0.13	2.25 0.03 0.81	-0.53 0.00 0.63	15.10 0.12 0.14	12.84 0.10 0.10
JENNISON___1 23625	23.57 0.68 -8.38	18.63 0.56 -5.49	15.14 0.38 -5.00	9.89 0.01 -9.53	9.77 0.02 -9.41	11.34 0.05 -10.20	8.55 -0.20 -12.45	12.69 0.20 -9.13	9.54 -0.11 -11.46	15.60 0.00 -15.83	17.61 0.28 -13.22	11.73 -0.30 -16.42	10.31 -0.19 -13.38	13.80 0.35 -8.55	22.64 1.29 -3.16	14.94 0.46 -7.87	10.57 -0.01 -10.78	13.69 -0.05 -14.45	15.43 0.47 -8.35	25.31 1.57 -1.79	14.56 0.23 -11.31	8.89 0.00 -8.80	17.85 0.84 -1.90	14.96 0.69 -1.42
JENNISON___2 23626	23.57 0.68 -8.38	18.63 0.56 -5.49	15.14 0.38 -5.00	9.89 0.01 -9.53	9.77 0.02 -9.41	11.34 0.05 -10.20	8.55 -0.20 -12.45	12.69 0.20 -9.13	9.54 -0.11 -11.46	15.60 0.00 -15.83	17.61 0.28 -13.22	11.73 -0.30 -16.42	10.31 -0.19 -13.38	13.80 0.35 -8.55	22.64 1.29 -3.16	14.94 0.46 -7.87	10.57 -0.01 -10.78	13.69 -0.05 -14.45	15.43 0.47 -8.35	25.31 1.57 -1.79	14.56 0.23 -11.31	8.89 0.00 -8.80	17.85 0.84 -1.90	14.96 0.69 -1.42
JERICHO_RISE_WT_PWR 323719	14.20 -0.31 0.00	12.30 -0.28 0.00	9.56 -0.20 0.00	0.35 0.00 0.00	0.35 0.01 0.00	1.06 -0.03 0.00	-3.50 0.19 0.00	3.17 -0.18 0.00	-1.70 0.11 0.00	-0.21 0.02 0.00	3.83 -0.29 0.00	-4.05 0.33 0.00	-2.69 0.20 0.00	4.54 -0.37 0.00	16.91 -1.28 0.00	6.15 -0.46 0.00	-0.18 0.02 0.00	-0.65 0.05 0.00	6.14 -0.47 0.00	20.40 -1.55 0.00	2.80 -0.23 0.00	0.10 0.00 0.00	14.39 -0.73 0.00	12.32 -0.52 0.00
KCE_NY_1 323755	48.69 1.08 -33.10	35.20 0.93 -21.69	30.18 0.69 -19.73	38.00 0.03 -37.62	37.53 0.02 -37.18	41.45 0.08 -40.29	45.19 -0.29 -49.16	39.67 0.24 -36.08	43.31 -0.15 -45.27	62.26 -0.02 -62.50	56.69 0.34 -52.23	60.08 -0.37 -64.83	49.71 -0.24 -52.84	39.07 0.41 -33.76	32.18 1.51 -12.49	38.25 0.57 -31.08	42.35 -0.02 -42.56	56.28 -0.07 -57.05	40.18 0.59 -32.98	30.98 1.97 -7.06	47.96 0.27 -44.66	34.86 0.00 -34.76	23.84 1.22 -7.50	19.44 0.98 -5.61
KEDC PORT_JEFF_GT2 24210	54.68 1.52 -38.65	43.40 1.31 -29.51	29.33 1.00 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.52 -0.39 -54.60	48.62 0.37 -44.89	30.72 -0.20 -32.73	44.95 -0.02 -45.19	55.19 0.48 -50.60	60.56 -0.52 -65.46	53.84 -0.34 -57.07	52.60 0.59 -47.10	52.95 2.18 -32.59	42.46 0.81 -35.03	32.72 -0.02 -32.93	52.03 -0.08 -52.82	76.53 0.74 -69.18	67.44 2.40 -43.08	97.90 0.38 -94.49	60.60 0.01 -60.50	55.71 1.92 -38.68	36.60 1.53 -22.23
KEDC PORT_JEFF_GT3 24211	54.68 1.52 -38.65	43.40 1.31 -29.51	29.33 1.00 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.52 -0.39 -54.60	48.62 0.37 -44.89	30.72 -0.20 -32.73	44.95 -0.02 -45.19	55.19 0.48 -50.60	60.56 -0.52 -65.46	53.84 -0.34 -57.07	52.60 0.59 -47.10	52.95 2.18 -32.59	42.46 0.81 -35.03	32.72 -0.02 -32.93	52.03 -0.08 -52.82	76.53 0.74 -69.18	67.44 2.40 -43.08	97.90 0.38 -94.49	60.60 0.01 -60.50	55.71 1.92 -38.68	36.60 1.53 -22.23
KEDC_GLWD_GT4 24219	54.53 1.36 -38.65	43.27 1.18 -29.51	29.23 0.90 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.78 0.10 -52.59	50.56 -0.35 -54.60	48.59 0.34 -44.89	30.74 -0.18 -32.73	44.95 -0.02 -45.19	55.14 0.42 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.71 1.94 -32.59	42.34 0.70 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.47 0.68 -69.18	67.81 2.23 -43.64	97.84 0.32 -94.49	60.61 0.02 -60.50	55.45 1.66 -38.68	36.43 1.36 -22.23

KEDC_GLWD_GT5 24220	54.53 1.36 -38.65	43.27 1.18 -29.51	29.23 0.90 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.78 0.10 -52.59	50.56 -0.35 -54.60	48.59 0.34 -44.89	30.74 -0.18 -32.73	44.95 -0.02 -45.19	55.14 0.42 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.71 1.94 -32.59	42.34 0.70 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.47 0.68 -69.18	67.81 2.23 -43.64	97.84 0.32 -94.49	60.61 0.02 -60.50	55.45 1.66 -38.68	36.43 1.36 -22.23
KENSICO____ 23655	39.58 1.18 -23.89	29.24 1.01 -15.66	24.77 0.77 -14.24	27.53 0.02 -27.16	27.20 0.03 -26.84	30.26 0.08 -29.08	31.50 -0.30 -35.49	29.69 0.30 -26.04	30.71 -0.16 -32.68	44.88 -0.01 -45.12	42.18 0.36 -37.70	42.02 -0.40 -46.80	35.00 -0.25 -38.14	29.72 0.44 -24.37	28.85 1.65 -9.01	29.66 0.61 -22.43	30.53 -0.01 -30.72	40.42 -0.06 -41.19	31.04 0.62 -23.81	29.10 2.06 -5.10	35.55 0.28 -32.24	25.19 0.01 -25.09	21.97 1.44 -5.42	18.08 1.19 -4.05
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.42 1.18 -22.73	28.48 1.01 -14.89	24.06 0.76 -13.55	26.21 0.02 -25.83	25.89 0.03 -25.53	28.84 0.09 -27.66	29.75 -0.32 -33.76	28.45 0.32 -24.77	29.11 -0.17 -31.09	42.68 -0.01 -42.92	40.36 0.38 -35.86	39.73 -0.40 -44.51	33.14 -0.26 -36.28	28.52 0.43 -23.18	28.23 1.47 -8.57	28.51 0.56 -21.34	29.03 0.00 -29.23	38.40 -0.07 -39.18	29.85 0.59 -22.64	28.74 1.95 -4.85	33.97 0.28 -30.67	23.98 0.02 -23.87	21.64 1.37 -5.15	17.82 1.13 -3.85
KIAC_JFK_GT1 23816	39.75 1.31 -23.93	29.39 1.13 -15.68	24.91 0.89 -14.26	27.58 0.03 -27.19	27.24 0.03 -26.87	30.31 0.10 -29.12	31.51 -0.34 -35.54	29.78 0.34 -26.08	30.73 -0.18 -32.72	44.94 -0.02 -45.18	42.28 0.41 -37.75	42.03 -0.45 -46.86	35.02 -0.29 -38.19	29.82 0.51 -24.40	29.10 1.89 -9.03	29.78 0.70 -22.46	30.57 0.00 -30.77	40.46 -0.07 -41.24	31.16 0.71 -23.84	29.40 2.35 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.34 -4.06
KIAC_JFK_GT2 23817	39.75 1.31 -23.93	29.39 1.13 -15.68	24.91 0.89 -14.26	27.58 0.03 -27.19	27.24 0.03 -26.87	30.31 0.10 -29.12	31.51 -0.34 -35.54	29.78 0.34 -26.08	30.73 -0.18 -32.72	44.94 -0.02 -45.18	42.28 0.41 -37.75	42.03 -0.45 -46.86	35.02 -0.29 -38.19	29.82 0.51 -24.40	29.10 1.89 -9.03	29.78 0.70 -22.46	30.57 0.00 -30.77	40.46 -0.07 -41.24	31.16 0.71 -23.84	29.40 2.35 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.34 -4.06
KINTIGH____ 23543	17.01 -0.84 -3.33	14.00 -0.76 -2.18	11.03 -0.72 -1.99	4.10 -0.04 -3.79	4.04 -0.04 -3.74	5.07 -0.07 -4.06	1.43 0.16 -4.95	6.80 -0.18 -3.63	2.80 0.06 -4.56	6.09 0.02 -6.29	9.18 -0.19 -5.25	2.32 0.18 -6.52	2.55 0.11 -5.32	8.14 -0.16 -3.40	18.53 -0.91 -1.26	9.45 -0.28 -3.13	4.08 -0.01 -4.28	5.06 0.03 -5.74	9.52 -0.41 -3.32	21.38 -1.28 -0.71	7.38 -0.14 -4.49	3.58 -0.01 -3.50	15.05 -0.81 -0.76	12.74 -0.67 -0.56
LACHUTE____HYDRO 323717	48.88 1.19 -33.18	35.24 0.92 -21.74	30.21 0.68 -19.78	38.09 0.03 -37.71	37.62 0.02 -37.26	41.55 0.08 -40.38	45.26 -0.33 -49.28	39.78 0.27 -36.16	43.36 -0.20 -45.37	62.41 -0.02 -62.65	56.96 0.50 -52.35	60.10 -0.49 -64.98	49.74 -0.33 -52.96	39.29 0.55 -33.84	32.74 2.04 -12.51	38.57 0.81 -31.15	42.42 -0.04 -42.66	56.39 -0.08 -57.18	40.51 0.84 -33.06	31.87 2.84 -7.07	48.19 0.40 -44.77	34.93 0.00 -34.84	24.03 1.40 -7.52	19.56 1.09 -5.62
LEDERLE____ 23769	38.72 1.16 -23.06	28.68 1.00 -15.11	24.25 0.75 -13.75	26.58 0.02 -26.20	26.26 0.03 -25.89	29.24 0.08 -28.06	30.25 -0.30 -34.25	28.78 0.30 -25.13	29.57 -0.15 -31.53	43.30 -0.01 -43.54	40.85 0.36 -36.38	40.38 -0.39 -45.16	33.67 -0.25 -36.81	28.85 0.43 -23.51	28.50 1.62 -8.70	28.86 0.60 -21.64	29.45 -0.01 -29.65	38.97 -0.06 -39.74	30.19 0.61 -22.97	28.90 2.03 -4.92	34.42 0.29 -31.11	24.32 0.01 -24.21	21.77 1.43 -5.23	17.92 1.17 -3.91
LINDEN COGEN____ 23786	39.65 1.21 -23.93	29.31 1.05 -15.68	24.83 0.80 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.54 -0.31 -35.54	29.74 0.31 -26.08	30.75 -0.16 -32.72	44.94 -0.01 -45.18	42.24 0.37 -37.75	42.07 -0.41 -46.86	35.05 -0.26 -38.19	29.77 0.46 -24.40	28.93 1.72 -9.03	29.71 0.64 -22.46	30.57 0.00 -30.77	40.47 -0.06 -41.24	31.09 0.64 -23.84	29.21 2.16 -5.10	35.61 0.29 -32.29	25.23 0.01 -25.13	22.05 1.51 -5.43	18.16 1.26 -4.06
LIPA_MISC_IPP 23656	54.69 1.53 -38.65	43.41 1.32 -29.51	29.33 1.00 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.38 -44.89	30.72 -0.20 -32.73	44.95 -0.02 -45.19	55.20 0.48 -50.60	60.55 -0.53 -65.46	53.83 -0.35 -57.07	52.60 0.59 -47.10	52.95 2.18 -32.59	42.47 0.82 -35.03	32.72 -0.01 -32.93	52.03 -0.08 -52.82	76.57 0.78 -69.18	67.74 2.54 -43.25	97.92 0.40 -94.49	60.60 0.01 -60.50	55.74 1.95 -38.68	36.62 1.54 -22.23
LISF____SOLAR 323691	54.71 1.55 -38.65	43.43 1.34 -29.51	29.34 1.01 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.50 -0.41 -54.60	48.64 0.39 -44.89	30.71 -0.21 -32.73	44.95 -0.02 -45.19	55.21 0.49 -50.60	60.54 -0.54 -65.46	53.83 -0.35 -57.07	52.60 0.60 -47.10	52.97 2.19 -32.59	42.48 0.83 -35.03	32.72 -0.01 -32.93	52.03 -0.09 -52.82	76.59 0.81 -69.18	67.80 2.62 -43.23	97.93 0.42 -94.49	60.60 0.01 -60.50	55.76 1.97 -38.68	36.63 1.56 -22.23
LITTLE FALLS____HYD 24013	14.63 0.72 0.60	12.79 0.61 0.39	9.85 0.44 0.36	-0.31 0.02 0.68	-0.31 0.02 0.67	0.42 0.06 0.73	-4.81 -0.23 0.89	2.91 0.20 0.65	-2.74 -0.11 0.82	-1.37 -0.02 1.13	3.45 0.27 0.94	-5.85 -0.30 1.17	-4.03 -0.19 0.95	4.61 0.31 0.61	19.15 1.20 0.23	6.50 0.44 0.56	-0.98 -0.01 0.77	-1.79 -0.05 1.03	6.46 0.45 0.60	23.33 1.50 0.13	2.43 0.21 0.81	-0.54 0.00 0.63	15.80 0.82 0.14	13.39 0.65 0.10
LI_NEWBRDGE____DRP 323616	54.48 1.32 -38.65	43.24 1.15 -29.51	29.20 0.88 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.34 -54.60	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.96 -0.01 -45.19	55.13 0.41 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.51 0.51 -47.10	52.66 1.88 -32.59	42.34 0.70 -35.03	32.72 -0.01 -32.93	52.05 -0.07 -52.82	76.45 0.66 -69.18	67.73 2.15 -43.64	97.84 0.33 -94.49	60.60 0.01 -60.50	55.41 1.62 -38.68	36.40 1.32 -22.23
LOCKPORT____CC1 323769	17.26 -0.97 -3.72	14.12 -0.90 -2.44	11.12 -0.85 -2.22	4.53 -0.04 -4.22	4.46 -0.05 -4.17	5.52 -0.09 -4.53	2.02 0.19 -5.52	7.20 -0.21 -4.05	3.34 0.07 -5.08	6.83 0.04 -7.02	9.75 -0.22 -5.86	3.11 0.21 -7.28	3.19 0.14 -5.93	8.52 -0.18 -3.79	18.49 -1.10 -1.40	9.76 -0.34 -3.49	4.57 -0.02 -4.78	5.73 0.03 -6.40	9.83 -0.48 -3.70	21.25 -1.49 -0.79	7.88 -0.16 -5.01	3.98 -0.02 -3.90	15.02 -0.94 -0.84	12.71 -0.76 -0.63
LOCKPORT____CC2 323770	17.26 -0.97 -3.72	14.12 -0.90 -2.44	11.12 -0.85 -2.22	4.53 -0.04 -4.22	4.46 -0.05 -4.17	5.52 -0.09 -4.53	2.02 0.19 -5.52	7.20 -0.21 -4.05	3.34 0.07 -5.08	6.83 0.04 -7.02	9.75 -0.22 -5.86	3.11 0.21 -7.28	3.19 0.14 -5.93	8.52 -0.18 -3.79	18.49 -1.10 -1.40	9.76 -0.34 -3.49	4.57 -0.02 -4.78	5.73 0.03 -6.40	9.83 -0.48 -3.70	21.25 -1.49 -0.79	7.88 -0.16 -5.01	3.98 -0.02 -3.90	15.02 -0.94 -0.84	12.71 -0.76 -0.63

LOCKPORT__CC3 323771	17.26 -0.97 -3.72	14.12 -0.90 -2.44	11.12 -0.85 -2.22	4.53 -0.04 -4.22	4.46 -0.05 -4.17	5.52 -0.09 -4.53	2.02 0.19 -5.52	7.20 -0.21 -4.05	3.34 0.07 -5.08	6.83 0.04 -7.02	9.75 -0.22 -5.86	3.11 0.21 -7.28	3.19 0.14 -5.93	8.52 -0.18 -3.79	18.49 -1.10 -1.40	9.76 -0.34 -3.49	4.57 -0.02 -4.78	5.73 0.03 -6.40	9.83 -0.48 -3.70	21.25 -1.49 -0.79	7.88 -0.16 -5.01	3.98 -0.02 -3.90	15.02 -0.94 -0.84	12.71 -0.76 -0.63
LONG_LAKE_PHOENIX 24014	16.24 -0.18 -1.90	13.66 -0.17 -1.25	10.72 -0.17 -1.14	2.51 -0.01 -2.16	2.47 -0.01 -2.14	3.39 -0.02 -2.32	-0.83 0.03 -2.83	5.40 -0.03 -2.07	0.80 0.01 -2.60	3.37 0.00 -3.59	7.10 -0.02 -3.00	-0.64 0.01 -3.73	0.16 0.00 -3.04	6.84 -0.01 -1.94	18.82 -0.08 -0.72	8.37 -0.03 -1.79	2.26 0.00 -2.45	2.57 0.00 -3.28	8.46 -0.04 -1.90	22.20 -0.15 -0.40	5.58 -0.01 -2.57	2.09 -0.01 -2.00	15.39 -0.15 -0.43	13.05 -0.12 -0.32
LOVETT__3 23632	38.76 1.12 -23.13	28.69 0.96 -15.15	24.27 0.72 -13.79	26.66 0.02 -26.29	26.34 0.03 -25.97	29.32 0.08 -28.15	30.37 -0.29 -34.35	28.85 0.28 -25.21	29.67 -0.15 -31.63	43.44 -0.01 -43.67	40.95 0.35 -36.49	40.54 -0.38 -45.30	33.79 -0.24 -36.92	28.91 0.42 -23.59	28.47 1.56 -8.72	28.91 0.58 -21.71	29.54 -0.01 -29.74	39.10 -0.06 -39.86	30.24 0.59 -23.04	28.83 1.95 -4.93	34.51 0.27 -31.21	24.39 0.01 -24.29	21.74 1.38 -5.24	17.90 1.13 -3.92
LOVETT__4 23642	38.76 1.12 -23.13	28.69 0.96 -15.15	24.27 0.72 -13.79	26.66 0.02 -26.29	26.34 0.03 -25.97	29.32 0.08 -28.15	30.37 -0.29 -34.35	28.85 0.28 -25.21	29.67 -0.15 -31.63	43.44 -0.01 -43.67	40.95 0.35 -36.49	40.54 -0.38 -45.30	33.79 -0.24 -36.92	28.91 0.42 -23.59	28.47 1.56 -8.72	28.91 0.58 -21.71	29.54 -0.01 -29.74	39.10 -0.06 -39.86	30.24 0.59 -23.04	28.83 1.95 -4.93	34.51 0.27 -31.21	24.39 0.01 -24.29	21.74 1.38 -5.24	17.90 1.13 -3.92
LOVETT__5 23593	38.76 1.12 -23.13	28.69 0.96 -15.15	24.27 0.72 -13.79	26.66 0.02 -26.29	26.34 0.03 -25.97	29.32 0.08 -28.15	30.37 -0.29 -34.35	28.85 0.28 -25.21	29.67 -0.15 -31.63	43.44 -0.01 -43.67	40.95 0.35 -36.49	40.54 -0.38 -45.30	33.79 -0.24 -36.92	28.91 0.42 -23.59	28.47 1.56 -8.72	28.91 0.58 -21.71	29.54 -0.01 -29.74	39.10 -0.06 -39.86	30.24 0.59 -23.04	28.83 1.95 -4.93	34.51 0.27 -31.21	24.39 0.01 -24.29	21.74 1.38 -5.24	17.90 1.13 -3.92
LOWER RAQUET__HYD 24057	14.23 -0.28 0.00	12.12 -0.46 0.00	9.59 -0.18 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.07 -0.02 0.00	-3.55 0.14 0.00	3.21 -0.15 0.00	-1.69 0.12 0.00	-0.22 0.00 0.00	3.89 -0.22 0.00	-4.12 0.26 0.00	-2.73 0.16 0.00	4.61 -0.29 0.00	17.14 -1.04 0.00	6.24 -0.38 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.27 -0.34 0.00	20.82 -1.13 0.00	2.85 -0.18 0.00	0.09 0.00 0.00	14.29 -0.82 0.00	12.36 -0.48 0.00
LOWER__HUDSON 24059	47.74 0.96 -32.27	34.57 0.85 -21.14	29.63 0.64 -19.24	37.05 0.03 -36.67	36.60 0.02 -36.24	40.43 0.07 -39.27	43.98 -0.26 -47.93	38.73 0.21 -35.17	42.19 -0.13 -44.13	60.69 -0.02 -60.93	55.31 0.28 -50.91	58.50 -0.31 -63.19	48.41 -0.20 -51.51	38.16 0.35 -32.91	31.69 1.33 -12.17	37.40 0.50 -30.29	41.28 -0.03 -41.49	54.85 -0.06 -55.61	39.27 0.51 -32.15	30.54 1.71 -6.88	46.80 0.24 -43.54	33.99 0.01 -33.88	23.54 1.11 -7.31	19.21 0.90 -5.47
LWR__OSWEGATCHIE_HYD 23850	14.31 -0.20 0.00	12.25 -0.33 0.00	9.60 -0.16 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.08 -0.01 0.00	-3.60 0.09 0.00	3.26 -0.09 0.00	-1.74 0.07 0.00	-0.23 0.00 0.00	3.99 -0.12 0.00	-4.24 0.14 0.00	-2.80 0.08 0.00	4.74 -0.16 0.00	17.59 -0.60 0.00	6.40 -0.21 0.00	-0.18 0.01 0.00	-0.69 0.02 0.00	6.45 -0.16 0.00	21.41 -0.54 0.00	2.93 -0.09 0.00	0.09 -0.01 0.00	14.59 -0.53 0.00	12.53 -0.32 0.00
LYONS_FALL_HYD 23570	14.72 0.21 0.00	12.71 0.13 0.00	9.86 0.10 0.00	0.36 0.00 0.00	0.34 0.01 0.00	1.11 0.02 0.00	-3.76 -0.07 0.00	3.42 0.07 0.00	-1.85 -0.03 0.00	-0.23 -0.01 0.00	4.20 0.09 0.00	-4.48 -0.10 0.00	-2.95 -0.07 0.00	5.02 0.11 0.00	18.58 0.39 0.00	6.76 0.14 0.00	-0.20 0.00 0.00	-0.73 -0.02 0.00	6.79 0.18 0.00	22.54 0.59 0.00	3.10 0.08 0.00	0.09 0.00 0.00	15.31 0.19 0.00	13.02 0.18 0.00
MADISON__COUNTY_LFGE 323628	15.78 0.30 -0.97	13.48 0.27 -0.64	10.52 0.19 -0.58	1.46 0.01 -1.11	1.44 0.01 -1.09	2.30 0.03 -1.19	-2.36 -0.12 -1.44	4.53 0.11 -1.06	-0.55 -0.06 -1.33	1.61 -0.01 -1.84	5.81 0.16 -1.54	-2.66 -0.18 -1.90	-1.45 -0.11 -1.55	6.11 0.21 -0.99	19.29 0.74 -0.37	7.79 0.27 -0.91	1.05 -0.01 -1.25	0.94 -0.03 -1.68	7.82 0.25 -0.97	22.94 0.78 -0.21	4.45 0.11 -1.31	1.11 0.00 -1.02	15.72 0.38 -0.22	13.32 0.31 -0.16
MAPLE RIDGE_WT_1 323574	12.74 -0.43 1.34	11.34 -0.36 0.87	8.67 -0.29 0.80	-1.17 -0.01 1.52	-1.17 -0.01 1.50	-0.57 -0.03 1.62	-5.56 0.11 1.98	1.79 -0.11 1.46	-3.58 0.06 1.83	-2.76 -0.02 2.52	1.89 -0.12 2.11	-6.85 0.15 2.61	-4.94 0.08 2.13	3.38 -0.17 1.36	17.16 -0.52 0.50	5.15 -0.21 1.25	-1.90 0.01 1.72	-2.99 0.02 2.30	5.16 -0.12 1.33	21.18 -0.49 0.28	1.13 -0.09 1.80	-1.31 0.00 1.40	14.39 -0.42 0.30	12.31 -0.30 0.23
MAPLE RIDGE_WT_2 323611	12.74 -0.43 1.34	11.34 -0.36 0.87	8.67 -0.29 0.80	-1.17 -0.01 1.52	-1.17 -0.01 1.50	-0.57 -0.03 1.62	-5.56 0.11 1.98	1.79 -0.11 1.46	-3.58 0.06 1.83	-2.76 -0.02 2.52	1.89 -0.12 2.11	-6.85 0.15 2.61	-4.94 0.08 2.13	3.38 -0.17 1.36	17.16 -0.52 0.50	5.15 -0.21 1.25	-1.90 0.01 1.72	-2.99 0.02 2.30	5.16 -0.12 1.33	21.18 -0.49 0.28	1.13 -0.09 1.80	-1.31 0.00 1.40	14.39 -0.42 0.30	12.31 -0.30 0.23
MARBLE_RIVER_WT_PWR 323696	14.23 -0.28 0.00	12.32 -0.26 0.00	9.57 -0.18 0.00	0.36 0.00 0.00	0.35 0.01 0.00	1.06 -0.03 0.00	-3.51 0.19 0.00	3.17 -0.18 0.00	-1.71 0.11 0.00	-0.20 0.02 0.00	3.83 -0.28 0.00	-4.05 0.33 0.00	-2.69 0.19 0.00	4.54 -0.37 0.00	16.92 -1.26 0.00	6.16 -0.45 0.00	-0.17 0.02 0.00	-0.65 0.06 0.00	6.14 -0.47 0.00	20.38 -1.57 0.00	2.79 -0.23 0.00	0.10 0.01 0.00	14.42 -0.69 0.00	12.35 -0.49 0.00
MARSH_HILL_WT_PWR 323713	19.28 -0.26 -5.03	15.61 -0.26 -3.29	12.45 -0.31 -3.00	6.05 -0.01 -5.71	5.97 -0.02 -5.64	7.17 -0.03 -6.12	3.80 0.03 -7.46	8.80 -0.03 -5.48	5.06 0.00 -6.88	9.31 0.04 -9.50	12.04 -0.01 -7.93	5.44 -0.03 -9.85	5.15 0.00 -8.03	10.06 0.02 -5.13	20.03 -0.05 -1.90	11.34 0.00 -4.72	6.27 0.00 -6.47	7.96 0.00 -8.67	11.61 -0.01 -5.01	23.10 0.08 -1.07	9.86 0.05 -6.78	5.37 0.00 -5.28	16.28 0.03 -1.14	13.71 0.02 -0.85
MG INDUSTRY__DRP 24185	45.61 0.76 -30.35	33.15 0.69 -19.88	28.38 0.53 -18.09	34.86 0.02 -34.49	34.44 0.02 -34.08	38.08 0.06 -36.93	41.18 -0.20 -45.07	36.60 0.17 -33.07	39.60 -0.09 -41.50	57.07 -0.01 -57.30	52.20 0.21 -47.88	54.82 -0.23 -59.43	45.40 -0.15 -48.44	36.11 0.26 -30.95	30.63 1.00 -11.45	35.47 0.37 -28.49	38.81 -0.01 -39.02	51.55 -0.04 -52.30	37.22 0.37 -30.23	29.67 1.25 -6.47	44.15 0.18 -40.95	31.97 0.01 -31.87	22.85 0.86 -6.88	18.69 0.70 -5.14

MID___OSWEGATCHIE_HYD 23849	14.31 -0.20 0.00	12.25 -0.33 0.00	9.60 -0.16 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.08 -0.01 0.00	-3.60 0.09 0.00	3.26 -0.09 0.00	-1.74 0.07 0.00	-0.23 0.00 0.00	3.99 -0.12 0.00	-4.24 0.14 0.00	-2.80 0.08 0.00	4.74 -0.16 0.00	17.59 -0.60 0.00	6.40 -0.21 0.00	-0.18 0.01 0.00	-0.69 0.02 0.00	6.45 -0.16 0.00	21.41 -0.54 0.00	2.93 -0.09 0.00	0.09 -0.01 0.00	14.59 -0.53 0.00	12.53 -0.32 0.00
MID___RAQUETTE_HYD 23851	14.23 -0.28 0.00	12.12 -0.46 0.00	9.59 -0.18 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.07 -0.02 0.00	-3.55 0.14 0.00	3.21 -0.15 0.00	-1.69 0.12 0.00	-0.22 0.00 0.00	3.89 -0.22 0.00	-4.12 0.26 0.00	-2.73 0.16 0.00	4.61 -0.29 0.00	17.14 -1.04 0.00	6.24 -0.38 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.27 -0.34 0.00	20.82 -1.13 0.00	2.85 -0.18 0.00	0.09 0.00 0.00	14.29 -0.82 0.00	12.36 -0.48 0.00
MILLIKEN___1 23584	19.65 0.28 -4.86	15.99 0.23 -3.18	12.78 0.13 -2.89	5.87 0.00 -5.52	5.79 0.01 -5.45	7.02 0.02 -5.91	3.42 -0.10 -7.21	8.74 0.09 -5.29	4.77 -0.06 -6.64	8.94 0.00 -9.17	11.92 0.15 -7.66	4.97 -0.16 -9.51	4.77 -0.10 -7.75	10.05 0.19 -4.95	20.67 0.65 -1.83	11.41 0.24 -4.56	6.05 0.00 -6.25	7.64 -0.03 -8.37	11.67 0.23 -4.84	23.75 0.77 -1.04	9.69 0.12 -6.55	5.19 0.00 -5.10	16.60 0.38 -1.10	14.00 0.33 -0.82
MILLIKEN___2 23585	19.65 0.28 -4.86	15.99 0.23 -3.18	12.78 0.13 -2.89	5.87 0.00 -5.52	5.79 0.01 -5.45	7.02 0.02 -5.91	3.42 -0.10 -7.21	8.74 0.09 -5.29	4.77 -0.06 -6.64	8.94 0.00 -9.17	11.92 0.15 -7.66	4.97 -0.16 -9.51	4.77 -0.10 -7.75	10.05 0.19 -4.95	20.67 0.65 -1.83	11.41 0.24 -4.56	6.05 0.00 -6.25	7.64 -0.03 -8.37	11.67 0.23 -4.84	23.75 0.77 -1.04	9.69 0.12 -6.55	5.19 0.00 -5.10	16.60 0.38 -1.10	14.00 0.33 -0.82
MILLIKEN___DIESEL 23629	19.65 0.28 -4.86	15.99 0.23 -3.18	12.78 0.13 -2.89	5.87 0.00 -5.52	5.79 0.01 -5.45	7.02 0.02 -5.91	3.42 -0.10 -7.21	8.74 0.09 -5.29	4.77 -0.06 -6.64	8.94 0.00 -9.17	11.92 0.15 -7.66	4.97 -0.16 -9.51	4.77 -0.10 -7.75	10.05 0.19 -4.95	20.67 0.65 -1.83	11.41 0.24 -4.56	6.05 0.00 -6.25	7.64 -0.03 -8.37	11.67 0.23 -4.84	23.75 0.77 -1.04	9.69 0.12 -6.55	5.19 0.00 -5.10	16.60 0.38 -1.10	14.00 0.33 -0.82
MILLSEAT___LFGE 323607	17.43 -0.64 -3.56	14.30 -0.61 -2.33	11.25 -0.63 -2.12	4.36 -0.04 -4.05	4.30 -0.03 -4.00	5.37 -0.06 -4.33	1.70 0.10 -5.29	7.12 -0.12 -3.88	3.08 0.03 -4.87	6.53 0.03 -6.72	9.63 -0.10 -5.62	2.68 0.08 -6.97	2.85 0.06 -5.68	8.50 -0.04 -3.63	18.98 -0.55 -1.34	9.81 -0.14 -3.34	4.37 -0.02 -4.58	5.44 0.01 -6.14	9.89 -0.26 -3.55	21.92 -0.79 -0.76	7.76 -0.06 -4.80	3.82 -0.01 -3.74	15.38 -0.54 -0.81	13.01 -0.43 -0.60
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.47 1.14 -23.82	29.16 0.98 -15.61	24.70 0.74 -14.20	27.45 0.03 -27.07	27.12 0.03 -26.75	30.16 0.08 -28.99	31.40 -0.29 -35.38	29.60 0.29 -25.96	30.62 -0.15 -32.58	44.75 -0.01 -44.98	42.05 0.35 -37.59	41.89 -0.38 -46.65	34.90 -0.24 -38.03	29.63 0.43 -24.30	28.77 1.60 -8.99	29.57 0.59 -22.37	30.43 -0.01 -30.63	40.29 -0.06 -41.06	30.94 0.60 -23.73	29.01 1.99 -5.08	35.44 0.27 -32.14	25.12 0.01 -25.02	21.91 1.39 -5.40	18.03 1.15 -4.04
MODEL_CITY_ENERGY 24167	17.15 -1.12 -3.77	14.01 -1.03 -2.47	11.04 -0.96 -2.24	4.58 -0.05 -4.28	4.51 -0.05 -4.23	5.57 -0.10 -4.58	2.13 0.23 -5.59	7.22 -0.24 -4.10	3.43 0.10 -5.15	6.93 0.04 -7.11	9.78 -0.27 -5.94	3.25 0.27 -7.37	3.30 0.18 -6.01	8.51 -0.23 -3.84	18.28 -1.32 -1.42	9.72 -0.42 -3.53	4.63 -0.02 -4.84	5.82 0.04 -6.49	9.79 -0.57 -3.75	20.96 -1.79 -0.80	7.91 -0.19 -5.08	4.03 -0.01 -3.95	14.85 -1.12 -0.85	12.58 -0.91 -0.64
MODERN_LFGE___ 323580	17.15 -1.12 -3.77	14.01 -1.03 -2.47	11.04 -0.96 -2.24	4.58 -0.05 -4.28	4.51 -0.05 -4.23	5.57 -0.10 -4.58	2.13 0.23 -5.59	7.22 -0.24 -4.10	3.43 0.10 -5.15	6.93 0.04 -7.11	9.78 -0.27 -5.94	3.25 0.27 -7.37	3.30 0.18 -6.01	8.51 -0.23 -3.84	18.28 -1.32 -1.42	9.72 -0.42 -3.53	4.63 -0.02 -4.84	5.82 0.04 -6.49	9.79 -0.57 -3.75	20.96 -1.79 -0.80	7.91 -0.19 -5.08	4.03 -0.01 -3.95	14.85 -1.12 -0.85	12.58 -0.91 -0.64
MOHAWK_PAPER___DRP 24187	47.02 0.92 -31.59	34.11 0.83 -20.70	29.22 0.63 -18.83	36.28 0.02 -35.90	35.83 0.02 -35.48	39.60 0.07 -38.44	42.98 -0.24 -46.92	37.99 0.21 -34.43	41.27 -0.11 -43.20	59.41 -0.02 -59.65	54.22 0.26 -49.84	57.20 -0.28 -61.86	47.35 -0.19 -50.42	37.44 0.32 -32.22	31.33 1.23 -11.91	36.72 0.45 -29.66	40.41 -0.02 -40.62	53.69 -0.05 -54.44	38.54 0.46 -31.47	30.22 1.53 -6.73	45.86 0.22 -42.62	33.27 0.01 -33.17	23.31 1.04 -7.16	19.04 0.84 -5.35
MONGAUP___HYD 23641	37.40 0.91 -21.97	27.74 0.77 -14.40	23.43 0.57 -13.10	25.34 0.02 -24.97	25.02 0.00 -24.68	27.89 0.06 -26.75	28.73 -0.22 -32.64	27.52 0.22 -23.95	28.13 -0.11 -30.05	41.26 -0.01 -41.50	39.04 0.26 -34.67	38.39 -0.26 -43.04	32.02 -0.17 -35.08	27.60 0.28 -22.41	27.50 1.03 -8.29	27.66 0.42 -20.63	28.06 0.00 -28.26	37.12 -0.05 -37.87	28.99 0.48 -21.89	28.22 1.59 -4.68	32.90 0.23 -29.65	23.18 0.01 -23.08	21.12 1.02 -4.98	17.39 0.82 -3.73
MONTAUK___DIESEL 23721	55.28 2.11 -38.65	43.89 1.80 -29.51	29.68 1.35 -18.57	27.60 0.05 -27.20	38.68 0.05 -38.29	53.83 0.15 -52.59	50.35 -0.56 -54.60	48.78 0.53 -44.89	30.64 -0.28 -32.73	44.94 -0.03 -45.19	55.39 0.66 -50.60	60.35 -0.73 -65.46	53.70 -0.48 -57.07	52.82 0.81 -47.10	53.72 2.94 -32.59	42.75 1.10 -35.03	32.72 -0.01 -32.93	51.99 -0.12 -52.82	76.94 1.16 -69.18	68.96 3.77 -43.24	98.09 0.57 -94.49	60.60 0.01 -60.50	56.37 2.58 -38.68	37.10 2.02 -22.23
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.70 1.26 -23.93	29.35 1.09 -15.68	24.85 0.83 -14.27	27.57 0.03 -27.20	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.32 -26.08	30.74 -0.17 -32.73	44.95 -0.01 -45.19	42.26 0.39 -37.76	42.06 -0.43 -46.86	35.04 -0.27 -38.20	29.79 0.48 -24.40	29.01 1.80 -9.03	29.74 0.67 -22.46	30.57 -0.01 -30.77	40.47 -0.07 -41.25	31.12 0.67 -23.84	29.29 2.24 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.08 1.54 -5.43	18.18 1.28 -4.06
MUNSVILLE_WIND_PWR 323609	22.85 0.88 -7.45	18.19 0.73 -4.89	14.71 0.51 -4.44	8.84 0.02 -8.47	8.73 0.02 -8.37	10.23 0.07 -9.07	7.11 -0.27 -11.07	11.74 0.26 -8.12	8.23 -0.15 -10.20	13.84 -0.01 -14.08	16.23 0.35 -11.76	9.83 -0.39 -14.60	8.76 -0.25 -11.90	12.99 0.48 -7.60	22.84 1.85 -2.81	14.25 0.64 -7.00	9.38 -0.01 -9.59	12.06 -0.08 -12.85	14.71 0.67 -7.43	25.80 2.26 -1.59	13.40 0.32 -10.06	7.92 0.00 -7.83	17.84 1.04 -1.69	14.97 0.87 -1.26
N SALMON___HYD 24042	14.47 -0.04 0.00	12.47 -0.11 0.00	9.72 -0.04 0.00	0.36 0.01 0.00	0.35 0.02 0.00	1.08 -0.01 0.00	-3.58 0.10 0.00	3.25 -0.10 0.00	-1.74 0.08 0.00	-0.22 0.01 0.00	3.94 -0.17 0.00	-4.16 0.22 0.00	-2.76 0.13 0.00	4.66 -0.25 0.00	17.34 -0.84 0.00	6.31 -0.30 0.00	-0.18 0.01 0.00	-0.67 0.03 0.00	6.33 -0.28 0.00	21.03 -0.92 0.00	2.88 -0.14 0.00	0.09 0.00 0.00	14.65 -0.46 0.00	12.54 -0.30 0.00



N.E_GEN_SANDY PD 24062	45.38 1.00 -29.86	31.76 0.88 -18.31	27.09 0.68 -16.66	32.13 0.02 -31.75	31.74 0.02 -31.38	35.17 0.07 -34.00	37.55 -0.26 -41.50	33.04 0.23 -29.46	36.27 -0.13 -38.21	52.52 -0.02 -52.76	48.49 0.29 -44.08	50.02 -0.32 -54.72	41.64 -0.21 -44.74	33.76 0.36 -28.50	30.51 1.36 -10.96	33.65 0.50 -26.53	38.20 -0.02 -38.41	52.34 -0.05 -53.10	45.06 0.51 -37.94	35.05 1.72 -11.37	42.87 0.24 -39.60	29.62 0.01 -29.51	22.66 1.21 -6.33	19.11 1.00 -5.27
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.74 1.15 -23.09	28.69 0.99 -15.13	24.26 0.74 -13.76	26.61 0.02 -26.24	26.29 0.03 -25.93	29.27 0.08 -28.10	30.30 -0.30 -34.29	28.81 0.29 -25.16	29.61 -0.15 -31.57	43.36 -0.01 -43.59	40.89 0.36 -36.43	40.45 -0.39 -45.21	33.72 -0.25 -36.85	28.88 0.43 -23.54	28.49 1.60 -8.71	28.88 0.59 -21.67	29.48 -0.01 -29.68	39.02 -0.06 -39.79	30.22 0.60 -23.00	28.88 2.01 -4.92	34.46 0.28 -31.15	24.35 0.01 -24.24	21.76 1.41 -5.23	17.92 1.16 -3.91
NARROWS_GT1_1 24228	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT1_2 24229	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT1_3 24230	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT1_4 24231	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT1_5 24232	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT1_6 24233	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT1_7 24234	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT1_8 24235	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT2_1 24236	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT2_2 24237	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT2_3 24238	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT2_4 24239	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT2_5 24240	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06

NARROWS_GT2_6 24241	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT2_7 24242	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NARROWS_GT2_8 24243	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.04 1.31 -26.23	30.89 1.13 -17.18	26.25 0.86 -15.63	30.18 0.03 -29.80	29.82 0.03 -29.45	33.10 0.10 -31.92	34.92 -0.34 -38.95	32.25 0.32 -28.58	33.87 -0.18 -35.86	49.27 -0.02 -49.52	45.90 0.41 -41.38	46.55 -0.42 -51.36	38.70 -0.28 -41.86	32.12 0.47 -26.75	29.93 1.85 -9.89	31.92 0.69 -24.62	33.51 -0.01 -33.72	44.41 -0.08 -45.20	33.46 0.72 -26.13	29.92 2.38 -5.59	38.74 0.33 -35.38	27.64 0.01 -27.54	22.59 1.53 -5.95	18.54 1.25 -4.45
NEG CAPITAL___MECHNVIL 23645	48.47 1.09 -32.87	35.06 0.95 -21.54	30.06 0.71 -19.60	37.74 0.03 -37.36	37.28 0.02 -36.92	41.18 0.08 -40.01	44.84 -0.29 -48.82	39.43 0.25 -35.83	42.99 -0.15 -44.95	61.83 -0.02 -62.07	56.32 0.34 -51.86	59.62 -0.37 -64.37	49.34 -0.25 -52.47	38.84 0.41 -33.52	32.14 1.56 -12.40	38.05 0.58 -30.86	42.05 -0.02 -42.27	55.88 -0.07 -56.65	39.96 0.60 -32.75	30.97 2.01 -7.01	47.66 0.28 -44.35	34.62 0.01 -34.52	23.81 1.24 -7.45	19.42 1.00 -5.57
NEG CENTRAL_HIGH_ACRES 23767	16.89 -0.51 -2.89	14.00 -0.47 -1.89	11.03 -0.45 -1.72	3.61 -0.02 -3.28	3.56 -0.02 -3.24	4.56 0.09 -3.51	0.68 0.09 -4.29	6.40 -0.10 -3.14	2.16 0.02 -3.95	5.23 0.01 -5.45	8.58 -0.08 -4.55	1.33 0.06 -5.65	1.76 0.04 -4.60	7.79 -0.06 -2.94	18.88 -0.39 -1.09	9.21 -0.11 -2.71	3.51 -0.01 -3.71	4.27 0.01 -4.97	9.31 -0.17 -2.87	22.00 -0.57 -0.61	6.86 -0.06 -3.89	3.11 -0.01 -3.03	15.32 -0.44 -0.65	12.96 -0.37 -0.49
NEG CENTRAL___DRP 24199	17.60 -0.07 -3.16	14.58 -0.07 -2.07	11.52 -0.11 -1.88	3.93 -0.01 -3.59	3.88 0.00 -3.55	4.92 -0.01 -3.84	0.99 -0.01 -4.69	6.82 0.02 -3.44	2.48 -0.02 -4.32	5.74 0.00 -5.96	9.15 0.06 -4.98	1.73 -0.07 -6.18	2.11 -0.04 -5.04	8.21 0.08 -3.22	19.61 0.23 -1.19	9.67 0.09 -2.96	3.87 0.00 -4.06	4.73 -0.01 -5.44	9.82 0.07 -3.15	22.87 0.25 -0.67	7.33 0.05 -4.26	3.40 -0.01 -3.32	15.90 0.07 -0.72	13.43 0.05 -0.54
NEG CENTRAL___INDECK 23768	18.77 0.04 -4.22	15.33 -0.01 -2.77	12.14 -0.13 -2.52	5.14 -0.01 -4.80	5.07 -0.01 -4.74	6.22 -0.01 -5.14	2.51 -0.07 -6.27	8.01 0.06 -4.60	3.90 -0.06 -5.77	7.76 0.01 -7.97	10.88 0.11 -6.66	3.75 -0.14 -8.27	3.77 -0.08 -6.74	9.39 0.18 -4.30	20.22 0.45 -1.59	10.77 0.20 -3.96	5.22 -0.01 -5.43	6.54 -0.03 -7.28	10.99 0.18 -4.20	23.49 0.64 -0.90	8.84 0.12 -5.69	4.52 -0.01 -4.43	16.36 0.29 -0.96	13.77 0.21 -0.71
NEG CENTRAL___SENECA 23627	17.96 -0.07 -3.52	14.82 -0.07 -2.31	11.72 -0.13 -2.10	4.34 -0.01 -4.00	4.28 0.00 -3.95	5.36 -0.01 -4.28	1.51 -0.03 -5.22	7.22 0.03 -3.84	2.97 -0.03 -4.81	6.42 0.01 -6.64	9.73 0.07 -5.55	2.41 -0.10 -6.89	2.68 -0.05 -5.61	8.60 0.11 -3.59	19.80 0.29 -1.33	10.03 0.12 -3.30	4.33 -0.01 -4.52	5.34 -0.01 -6.06	10.21 0.10 -3.50	23.06 0.36 -0.75	7.84 0.07 -4.75	3.78 -0.01 -3.70	16.03 0.11 -0.80	13.53 0.09 -0.59
NEG CENTRAL___STATE_STREET 24147	17.78 0.20 -3.07	14.75 0.16 -2.01	11.67 0.08 -1.83	3.84 0.00 -3.49	3.79 0.00 -3.45	4.84 0.01 -3.74	0.82 -0.05 -4.56	6.74 0.04 -3.35	2.34 -0.05 -4.20	5.57 -0.01 -5.80	9.08 0.12 -4.85	1.51 -0.12 -6.01	1.94 -0.08 -4.90	8.19 0.16 -3.13	19.85 0.51 -1.16	9.69 0.20 -2.88	3.75 -0.01 -3.95	4.57 -0.01 -5.29	9.78 0.11 -3.06	23.02 0.42 -0.65	7.23 0.07 -4.14	3.32 0.00 -3.23	16.06 0.25 -0.70	13.60 0.24 -0.52
NEG MILLWOOD___DRP 24198	40.48 1.32 -24.65	29.86 1.13 -16.15	25.31 0.86 -14.70	28.40 0.03 -28.02	28.06 0.03 -27.69	31.19 0.10 -30.01	32.59 -0.34 -36.62	30.56 0.34 -26.87	31.72 -0.18 -33.72	46.32 -0.02 -46.56	43.43 0.42 -38.90	43.45 -0.45 -48.28	36.18 -0.29 -39.36	30.55 0.49 -25.15	29.34 1.85 -9.30	30.44 0.68 -23.15	31.50 0.00 -31.70	41.72 -0.07 -42.49	31.89 0.71 -24.56	29.57 2.37 -5.26	36.62 0.33 -33.27	25.99 0.01 -25.89	22.30 1.60 -5.59	18.33 1.31 -4.18
NEG NORTH_FLCN_SEA 23793	14.42 -0.09 0.00	12.47 -0.11 0.00	9.68 -0.07 0.00	0.36 0.01 0.00	0.35 0.02 0.00	1.07 -0.02 0.00	-3.55 0.14 0.00	3.21 -0.14 0.00	-1.73 0.08 0.00	-0.21 0.02 0.00	3.89 -0.22 0.00	-4.12 0.26 0.00	-2.74 0.15 0.00	4.61 -0.29 0.00	17.19 -0.99 0.00	6.27 -0.34 0.00	-0.18 0.02 0.00	-0.66 0.05 0.00	6.23 -0.38 0.00	20.67 -1.28 0.00	2.83 -0.19 0.00	0.10 0.00 0.00	14.61 -0.51 0.00	12.51 -0.33 0.00
NEG NORTH_KES_CHATEGAY 23792	14.24 -0.27 0.00	12.33 -0.24 0.00	9.58 -0.17 0.00	0.36 0.00 0.00	0.35 0.01 0.00	1.06 -0.03 0.00	-3.51 0.18 0.00	3.18 -0.17 0.00	-1.71 0.10 0.00	-0.21 0.02 0.00	3.85 -0.27 0.00	-4.07 0.31 0.00	-2.70 0.18 0.00	4.55 -0.35 0.00	16.98 -1.20 0.00	6.18 -0.43 0.00	-0.18 0.02 0.00	-0.66 0.05 0.00	6.17 -0.44 0.00	20.50 -1.45 0.00	2.81 -0.21 0.00	0.10 0.00 0.00	14.43 -0.68 0.00	12.36 -0.49 0.00
NEG NORTH___ALICE_FALLS 23915	14.48 -0.03 0.00	12.52 -0.05 0.00	9.72 -0.04 0.00	0.36 0.01 0.00	0.36 0.02 0.00	1.08 -0.01 0.00	-3.57 0.12 0.00	3.23 -0.12 0.00	-1.74 0.07 0.00	-0.21 0.02 0.00	3.92 -0.20 0.00	-4.15 0.24 0.00	-2.75 0.14 0.00	4.64 -0.27 0.00	17.29 -0.89 0.00	6.30 -0.31 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.28 -0.32 0.00	20.85 -1.10 0.00	2.86 -0.17 0.00	0.10 0.00 0.00	14.68 -0.44 0.00	12.56 -0.28 0.00
NEG NORTH___LWR_SARANAC 23913	14.48 -0.03 0.00	12.52 -0.05 0.00	9.72 -0.04 0.00	0.36 0.01 0.00	0.36 0.02 0.00	1.08 -0.01 0.00	-3.57 0.12 0.00	3.23 -0.12 0.00	-1.74 0.07 0.00	-0.21 0.02 0.00	3.92 -0.20 0.00	-4.15 0.24 0.00	-2.75 0.14 0.00	4.64 -0.27 0.00	17.29 -0.89 0.00	6.30 -0.31 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.28 -0.32 0.00	20.85 -1.10 0.00	2.86 -0.17 0.00	0.10 0.00 0.00	14.68 -0.44 0.00	12.56 -0.28 0.00

NEG NORTH___PLATTSBURG 23628	14.48 -0.03 0.00	12.52 -0.05 0.00	9.72 -0.04 0.00	0.36 0.01 0.00	0.36 0.02 0.00	1.08 -0.01 0.00	-3.57 0.12 0.00	3.23 -0.12 0.00	-1.74 0.07 0.00	-0.21 0.02 0.00	3.92 -0.20 0.00	-4.15 0.24 0.00	-2.75 0.14 0.00	4.64 -0.27 0.00	17.29 -0.89 0.00	6.30 -0.31 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.28 -0.32 0.00	20.85 -1.10 0.00	2.86 -0.17 0.00	0.10 0.00 0.00	14.68 -0.44 0.00	12.56 -0.28 0.00
NEG WEST_LEA_LOCKPORT 23791	17.26 -0.97 -3.72	14.12 -0.90 -2.44	11.12 -0.85 -2.22	4.53 -0.04 -4.22	4.46 -0.05 -4.17	5.52 -0.09 -4.53	2.02 0.19 -5.52	7.20 -0.21 -4.05	3.34 0.07 -5.08	6.83 0.04 -7.02	9.75 -0.22 -5.86	3.11 0.21 -7.28	3.19 0.14 -5.93	8.52 -0.18 -3.79	18.49 -1.10 -1.40	9.76 -0.34 -3.49	4.57 -0.02 -4.78	5.73 0.03 -6.40	9.83 -0.48 -3.70	21.25 -1.49 -0.79	7.88 -0.16 -5.01	3.98 -0.02 -3.90	15.02 -0.94 -0.84	12.71 -0.76 -0.63
NEG WEST___LANCASTR 23811	18.41 -0.45 -4.35	15.03 -0.40 -2.85	11.90 -0.45 -2.59	5.27 -0.02 -4.94	5.20 -0.02 -4.88	6.33 -0.05 -5.29	2.85 0.09 -6.46	8.02 -0.08 -4.74	4.16 0.02 -5.95	8.03 0.04 -8.21	10.93 -0.05 -6.87	4.16 0.02 -8.52	4.10 0.04 -6.94	9.34 0.00 -4.44	19.62 -0.21 -1.64	10.64 -0.06 -4.08	5.39 -0.01 -5.59	6.80 0.01 -7.50	10.78 -0.16 -4.33	22.48 -0.39 -0.93	8.89 0.00 -5.87	4.65 -0.01 -4.57	15.89 -0.21 -0.99	13.41 -0.17 -0.74
NEG_PENN_ALLEGHNY 23528	22.47 0.16 -7.81	17.83 0.14 -5.11	14.46 0.05 -4.65	9.22 0.00 -8.87	9.11 0.00 -8.76	10.59 0.01 -9.50	7.84 -0.05 -11.59	11.92 0.07 -8.51	8.82 -0.04 -10.67	14.53 0.01 -14.74	16.54 0.11 -12.31	10.78 -0.12 -15.28	9.51 -0.07 -12.46	13.00 0.14 -7.96	21.61 0.49 -2.94	14.11 0.17 -7.33	9.84 0.00 -10.03	12.73 -0.02 -13.45	14.54 0.16 -7.77	24.16 0.55 -1.66	13.65 0.10 -10.53	8.29 0.00 -8.20	17.21 0.32 -1.77	14.43 0.27 -1.32
NEG___GEN_MONROE 24207	17.21 -0.34 -3.04	14.24 -0.33 -1.99	11.19 -0.38 -1.81	3.78 -0.02 -3.46	3.73 -0.02 -3.41	4.76 -0.03 -3.70	0.86 0.04 -4.51	6.61 -0.06 -3.31	2.34 0.00 -4.16	5.52 0.01 -5.74	8.89 -0.02 -4.79	1.57 0.00 -5.95	1.96 0.00 -4.85	8.04 0.03 -3.10	19.19 -0.14 -1.15	9.46 -0.01 -2.85	3.70 -0.01 -3.91	4.53 0.00 -5.24	9.54 -0.10 -3.03	22.31 -0.29 -0.65	7.11 -0.01 -4.10	3.27 -0.01 -3.19	15.54 -0.27 -0.69	13.16 -0.20 -0.52
NEPA___ENERGY 23901	18.49 -0.41 -4.38	15.10 -0.35 -2.87	11.96 -0.41 -2.61	5.31 -0.02 -4.98	5.24 -0.02 -4.92	6.38 -0.05 -5.34	2.90 0.09 -6.51	8.05 -0.07 -4.77	4.19 0.02 -5.99	8.09 0.05 -8.27	10.99 -0.03 -6.91	4.19 0.00 -8.57	4.14 0.04 -6.99	9.39 0.02 -4.47	19.71 -0.12 -1.65	10.69 -0.03 -4.11	5.43 -0.01 -5.63	6.85 0.01 -7.55	10.81 -0.16 -4.36	22.54 -0.34 -0.93	8.94 0.01 -5.91	4.68 -0.01 -4.60	15.97 -0.14 -0.99	13.46 -0.12 -0.74
NEVERSINK___HYD 23608	37.25 1.10 -21.64	27.69 0.94 -14.18	23.36 0.70 -12.90	24.96 0.02 -24.59	24.66 0.03 -24.30	27.50 0.08 -26.33	28.13 -0.32 -32.14	27.25 0.31 -23.58	27.62 -0.16 -29.59	40.62 -0.01 -40.85	38.61 0.36 -34.14	37.61 -0.38 -42.37	31.41 -0.24 -34.54	27.38 0.40 -22.06	27.47 1.13 -8.16	27.33 0.41 -20.31	27.63 0.00 -27.82	36.53 -0.06 -37.29	28.54 0.37 -21.56	27.79 1.23 -4.61	32.39 0.17 -29.19	22.86 0.05 -22.72	21.20 1.18 -4.90	17.48 0.97 -3.67
NEWTON___FALLS_HYD 23847	14.31 -0.20 0.00	12.25 -0.33 0.00	9.60 -0.16 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.08 -0.01 0.00	-3.60 0.09 0.00	3.26 -0.09 0.00	-1.74 0.07 0.00	-0.23 0.00 0.00	3.99 -0.12 0.00	-4.24 0.14 0.00	-2.80 0.08 0.00	4.74 -0.16 0.00	17.59 -0.60 0.00	6.40 -0.21 0.00	-0.18 0.01 0.00	-0.69 0.02 0.00	6.45 -0.16 0.00	21.41 -0.54 0.00	2.93 -0.09 0.00	0.09 -0.01 0.00	14.59 -0.53 0.00	12.53 -0.32 0.00
NIAGARA_115E_LBMP 323715	17.09 -1.22 -3.80	13.95 -1.12 -2.49	11.00 -1.02 -2.27	4.62 -0.05 -4.32	4.56 -0.05 -4.27	5.61 -0.11 -4.63	2.21 0.26 -5.65	7.23 -0.26 -4.15	3.50 0.11 -5.20	7.00 0.05 -7.18	9.81 -0.30 -6.00	3.36 0.30 -7.45	3.39 0.20 -6.07	8.52 -0.27 -3.88	18.14 -1.47 -1.43	9.70 -0.48 -3.57	4.68 -0.02 -4.89	5.89 0.05 -6.55	9.77 -0.63 -3.79	20.78 -1.98 -0.81	7.93 -0.22 -5.13	4.07 -0.01 -3.99	14.74 -1.23 -0.86	12.49 -1.00 -0.64
NIAGARA_115W_LBMP 323714	17.04 -1.26 -3.79	13.90 -1.17 -2.49	10.98 -1.04 -2.26	4.61 -0.05 -4.31	4.55 -0.04 -4.26	5.59 -0.11 -4.62	2.20 0.25 -5.63	7.23 -0.26 -4.13	3.51 0.13 -5.19	7.01 0.07 -7.16	9.76 -0.34 -5.98	3.38 0.33 -7.43	3.39 0.22 -6.05	8.47 -0.31 -3.87	17.99 -1.62 -1.43	9.64 -0.53 -3.56	4.67 -0.01 -4.88	5.88 0.05 -6.54	9.70 -0.69 -3.78	20.58 -2.18 -0.81	7.89 -0.25 -5.12	4.06 -0.01 -3.98	14.62 -1.35 -0.86	12.40 -1.09 -0.64
NIAGARA_230_LBMP 323716	17.16 -1.09 -3.75	14.04 -0.99 -2.46	11.07 -0.92 -2.24	4.56 -0.04 -4.26	4.50 -0.05 -4.21	5.56 -0.10 -4.56	2.10 0.22 -5.57	7.20 -0.25 -4.09	3.40 0.09 -5.12	6.89 0.03 -7.08	9.75 -0.28 -5.91	3.22 0.26 -7.34	3.26 0.17 -5.98	8.49 -0.24 -3.82	18.29 -1.30 -1.41	9.72 -0.41 -3.52	4.61 -0.02 -4.82	5.79 0.04 -6.46	9.78 -0.56 -3.73	20.97 -1.77 -0.80	7.88 -0.20 -5.06	4.01 -0.02 -3.94	14.86 -1.10 -0.85	12.58 -0.90 -0.63
NIAGARA____ 23760	17.12 -1.18 -3.79	13.97 -1.09 -2.48	11.03 -0.99 -2.26	4.61 -0.05 -4.31	4.56 -0.04 -4.26	5.59 -0.11 -4.61	2.21 0.25 -5.64	7.25 -0.24 -4.14	3.50 0.12 -5.19	6.98 0.06 -7.14	9.78 -0.30 -5.96	3.32 0.30 -7.41	3.38 0.21 -6.05	8.50 -0.26 -3.85	18.18 -1.42 -1.42	9.69 -0.46 -3.54	4.66 -0.01 -4.86	5.85 0.05 -6.51	9.76 -0.61 -3.76	20.82 -1.94 -0.80	7.90 -0.22 -5.10	4.05 -0.01 -3.97	14.77 -1.20 -0.86	12.51 -0.98 -0.64
NINE_MILE_1 23575	15.67 -0.37 -1.52	13.25 -0.33 -1.00	10.38 -0.28 -0.91	2.07 -0.01 -1.73	2.04 -0.01 -1.71	2.91 -0.03 -1.85	-1.35 0.08 -2.26	4.94 -0.08 -1.66	0.30 0.04 -2.08	2.66 0.01 -2.88	6.44 -0.08 -2.40	-1.32 0.08 -2.98	-0.41 0.05 -2.43	6.37 -0.08 -1.55	18.39 -0.37 -0.57	7.91 -0.13 -1.43	1.77 0.00 -1.96	1.93 0.02 -2.62	7.98 -0.14 -1.52	21.79 -0.49 -0.32	5.02 -0.06 -2.06	1.69 0.00 -1.60	15.10 -0.36 -0.34	12.81 -0.29 -0.26
NINE_MILE_2 23744	15.67 -0.36 -1.52	13.24 -0.33 -0.99	10.38 -0.28 -0.90	2.07 -0.01 -1.73	2.03 -0.01 -1.71	2.91 -0.03 -1.85	-1.35 0.08 -2.26	4.94 -0.07 -1.66	0.30 0.04 -2.08	2.65 0.01 -2.87	6.43 -0.08 -2.40	-1.33 0.08 -2.98	-0.41 0.05 -2.42	6.37 -0.08 -1.55	18.39 -0.36 -0.57	7.91 -0.13 -1.43	1.76 0.00 -1.95	1.93 0.02 -2.62	7.98 -0.14 -1.51	21.79 -0.49 -0.32	5.02 -0.06 -2.05	1.68 0.00 -1.60	15.10 -0.36 -0.34	12.81 -0.29 -0.26
NM_CAPITAL___DRP 24208	46.66 0.85 -31.30	33.87 0.79 -20.51	29.02 0.60 -18.66	35.94 0.02 -35.57	35.51 0.02 -35.15	39.25 0.07 -38.09	42.57 -0.23 -46.48	37.66 0.19 -34.11	40.89 -0.10 -42.80	58.86 -0.01 -59.10	53.73 0.23 -49.38	56.66 -0.25 -61.29	46.91 -0.17 -49.96	37.11 0.28 -31.92	31.10 1.11 -11.81	36.40 0.41 -29.38	40.03 -0.02 -40.24	53.19 -0.05 -53.94	38.21 0.41 -31.18	29.99 1.37 -6.67	45.45 0.19 -42.23	32.97 0.01 -32.87	23.16 0.95 -7.10	18.92 0.77 -5.30

NM_CENTRAL___DRP 24181	16.54 -0.06 -2.09	13.87 -0.07 -1.37	10.91 -0.09 -1.24	2.72 0.00 -2.37	2.68 0.00 -2.34	3.62 -0.01 -2.54	-0.59 -0.01 -3.10	5.64 0.01 -2.28	1.03 -0.01 -2.85	3.72 0.00 -3.94	7.44 0.03 -3.29	-0.33 -0.04 -4.09	0.42 -0.02 -3.33	7.09 0.05 -2.13	19.09 0.12 -0.79	8.62 0.05 -1.96	2.49 0.00 -2.68	2.89 0.00 -3.60	8.72 0.03 -2.08	22.49 0.09 -0.44	5.86 0.02 -2.82	2.28 0.00 -2.19	15.58 0.00 -0.47	13.20 0.00 -0.35
NM_FRONTIER___DRP 24179	17.04 -1.26 -3.79	13.90 -1.17 -2.49	10.98 -1.04 -2.26	4.61 -0.05 -4.31	4.55 -0.04 -4.26	5.59 -0.11 -4.62	2.20 0.25 -5.63	7.23 0.13 -4.13	3.51 0.07 -5.19	7.01 0.07 -7.16	9.76 -0.34 -5.98	3.38 0.33 -7.43	3.39 0.22 -6.05	8.47 -0.31 -3.87	17.99 -1.62 -1.43	9.64 -0.53 -3.56	4.67 -0.01 -4.88	5.88 0.05 -6.54	9.70 -0.69 -3.78	20.58 -2.18 -0.81	7.89 -0.25 -5.12	4.06 -0.01 -3.98	14.62 -1.35 -0.86	12.40 -1.09 -0.64
NM_ST_REGIS___HYD 24053	14.29 -0.22 0.00	12.21 -0.37 0.00	9.62 -0.14 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.07 -0.02 0.00	-3.56 0.13 0.00	3.22 -0.14 0.00	-1.70 0.11 0.00	-0.22 0.00 0.00	3.90 -0.21 0.00	-4.13 0.25 0.00	-2.74 0.15 0.00	4.62 -0.28 0.00	17.19 -0.99 0.00	6.26 -0.36 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.28 -0.33 0.00	20.87 -1.08 0.00	2.85 -0.17 0.00	0.09 0.00 0.00	14.38 -0.73 0.00	12.41 -0.43 0.00
NORTHPORT___1 23551	47.68 1.28 -31.90	37.53 1.13 -23.82	29.19 0.86 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	44.01 0.10 -42.82	49.90 -0.33 -53.92	40.41 0.32 -36.73	30.75 -0.16 -32.73	44.96 -0.01 -45.19	55.08 0.40 -50.56	55.94 -0.43 -60.76	53.49 -0.29 -56.66	52.51 0.51 -47.10	52.64 1.86 -32.59	40.57 0.69 -33.27	31.73 -0.01 -31.94	46.74 -0.06 -47.52	55.62 0.62 -48.40	33.60 1.95 -9.69	58.08 0.33 -54.72	52.92 0.01 -52.81	55.43 1.64 -38.67	34.99 1.31 -20.83
NORTHPORT___2 23552	54.44 1.28 -38.65	43.22 1.13 -29.51	29.19 0.86 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.10 -52.59	50.57 -0.33 -54.60	48.57 0.32 -44.89	30.75 -0.16 -32.73	44.96 -0.01 -45.19	55.12 0.40 -50.60	60.65 -0.43 -65.46	53.90 -0.29 -57.07	52.51 0.51 -47.10	52.64 1.86 -32.59	42.34 0.69 -35.03	32.72 -0.01 -32.93	52.05 -0.06 -52.82	76.41 0.62 -69.18	51.28 1.95 -27.38	58.08 0.33 -54.72	52.92 0.01 -52.81	55.43 1.64 -38.67	36.39 1.31 -22.23
NORTHPORT___3 23553	54.37 1.21 -38.65	43.15 1.06 -29.51	29.14 0.82 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.09 -52.59	50.60 -0.31 -54.60	48.54 0.29 -44.89	30.77 -0.15 -32.73	44.96 -0.01 -45.19	55.08 0.36 -50.60	60.69 -0.39 -65.46	53.93 -0.25 -57.07	52.49 0.48 -47.10	52.51 1.73 -32.59	42.28 0.63 -35.03	32.72 -0.02 -32.93	52.05 -0.06 -52.82	76.35 0.56 -69.18	51.02 1.70 -27.36	97.78 0.26 -94.49	60.60 0.01 -60.50	55.15 1.36 -38.68	36.20 1.12 -22.23
NORTHPORT___4 23650	54.37 1.21 -38.65	43.15 1.06 -29.51	29.14 0.82 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.77 0.09 -52.59	50.60 -0.31 -54.60	48.54 0.29 -44.89	30.77 -0.15 -32.73	44.96 -0.01 -45.19	55.08 0.36 -50.60	60.69 -0.39 -65.46	53.93 -0.25 -57.07	52.49 0.48 -47.10	52.51 1.73 -32.59	42.28 0.63 -35.03	32.72 -0.02 -32.93	52.05 -0.06 -52.82	76.35 0.56 -69.18	51.02 1.70 -27.36	97.78 0.26 -94.49	60.60 0.01 -60.50	55.15 1.36 -38.68	36.20 1.12 -22.23
NORTHPORT___IC 23718	47.68 1.28 -31.90	37.53 1.13 -23.82	29.19 0.86 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	44.01 0.10 -42.82	49.90 -0.33 -53.92	40.41 0.32 -36.73	30.75 -0.16 -32.73	44.96 -0.01 -45.19	55.08 0.40 -50.56	55.94 -0.43 -60.76	53.49 -0.29 -56.66	52.51 0.51 -47.10	52.64 1.86 -32.59	40.57 0.69 -33.27	31.73 -0.01 -31.94	46.74 -0.06 -47.52	55.62 0.62 -48.40	33.60 1.95 -9.69	58.08 0.33 -54.72	52.92 0.01 -52.81	55.43 1.64 -38.67	34.99 1.31 -20.83
NPX_GEN_1385_PROXY 323591	47.20 0.79 -31.90	37.12 0.72 -23.82	28.87 0.54 -18.57	27.57 0.02 -27.20	38.64 0.02 -38.29	44.92 0.06 -43.77	50.00 -0.23 -53.92	40.32 0.23 -36.73	30.80 -0.12 -32.73	44.96 0.00 -45.19	54.96 0.29 -50.56	56.07 -0.31 -60.76	53.59 -0.19 -56.66	52.35 0.34 -47.10	52.04 1.27 -32.59	40.37 0.49 -33.27	31.74 -0.01 -31.94	46.75 -0.06 -47.52	55.57 0.57 -48.40	33.23 1.58 -9.69	58.14 0.39 -54.72	52.92 0.01 -52.81	55.54 1.75 -38.67	34.73 1.06 -20.83
NPX_GEN_CSC 323557	54.75 1.58 -38.65	43.46 1.37 -29.51	29.36 1.03 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	54.74 0.12 -53.54	50.50 -0.41 -54.60	48.64 0.40 -44.89	30.71 -0.21 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.53 -0.55 -65.46	53.82 -0.36 -57.07	52.62 0.62 -47.10	53.02 2.25 -32.59	42.49 0.85 -35.03	32.72 -0.01 -32.93	52.03 -0.09 -52.82	76.61 0.82 -69.18	67.85 2.65 -43.24	97.93 0.42 -94.49	60.60 0.01 -60.50	55.80 2.01 -38.68	36.66 1.59 -22.23
NSINS_S_GLNS_FALLS 23858	48.70 1.01 -33.18	35.17 0.85 -21.74	30.15 0.61 -19.78	38.08 0.02 -37.71	37.62 0.02 -37.26	41.54 0.07 -40.38	45.31 -0.28 -49.28	39.74 0.23 -36.16	43.41 -0.15 -45.38	62.41 -0.02 -62.65	56.81 0.35 -52.35	60.23 -0.37 -64.98	49.83 -0.24 -52.96	39.14 0.40 -33.84	32.21 1.51 -12.51	38.34 0.58 -31.15	42.44 -0.02 -42.66	56.41 -0.07 -57.18	40.28 0.61 -33.06	31.04 2.02 -7.07	48.07 0.28 -44.77	34.94 0.00 -34.84	23.77 1.14 -7.52	19.36 0.89 -5.62
NUCOR_STEEL___DRP 24197	17.56 0.11 -2.94	14.59 0.09 -1.93	11.53 0.02 -1.75	3.69 0.00 -3.34	3.64 0.00 -3.30	4.67 0.00 -3.58	0.64 -0.04 -4.37	6.60 0.04 -3.20	2.18 -0.03 -4.02	5.32 -0.01 -5.55	8.84 0.09 -4.64	1.29 -0.09 -5.76	1.75 -0.06 -4.69	8.02 0.12 -3.00	19.64 0.35 -1.11	9.52 0.15 -2.76	3.58 -0.01 -3.78	4.35 -0.01 -5.07	9.64 0.10 -2.93	22.95 0.38 -0.63	7.05 0.06 -3.97	3.18 0.00 -3.09	15.92 0.14 -0.67	13.49 0.15 -0.50
NYISO_LBMP_REFERENCE 24008	14.51 0.00 0.00	12.58 0.00 0.00	9.76 0.00 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.09 0.00 0.00	-3.69 0.00 0.00	3.35 0.00 0.00	-1.82 0.00 0.00	-0.22 0.00 0.00	4.11 0.00 0.00	-4.38 0.00 0.00	-2.89 0.00 0.00	4.91 0.00 0.00	18.18 0.00 0.00	6.61 0.00 0.00	-0.19 0.00 0.00	-0.71 0.00 0.00	6.61 0.00 0.00	21.95 0.00 0.00	3.02 0.00 0.00	0.09 0.00 0.00	15.11 0.00 0.00	12.84 0.00 0.00
NYPA_BRENTWD____GT 24164	54.65 1.48 -38.65	43.39 1.30 -29.51	29.31 0.98 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.79 0.11 -52.59	50.52 -0.39 -54.60	48.62 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.02 -45.19	55.19 0.47 -50.60	60.57 -0.51 -65.46	53.84 -0.34 -57.07	52.59 0.59 -47.10	52.92 2.15 -32.59	42.45 0.80 -35.03	32.71 -0.02 -32.93	52.04 -0.08 -52.82	76.50 0.71 -69.18	67.46 2.36 -43.16	97.90 0.38 -94.49	60.60 0.02 -60.50	55.69 1.90 -38.68	36.59 1.52 -22.23
NYPA_GOWANUS____GT5 24156	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06

NYPA_GOWANUS____GT6 24157	39.74	29.38	24.88	27.57	27.24	30.31	31.52	29.77	30.74	44.95	42.27	42.04	35.02	29.81	29.06	29.76	30.57	40.47	31.15	29.38	35.63	25.23	22.16	18.24
	1.30	1.12	0.85	0.03	0.03	0.09	-0.33	0.34	-0.17	-0.01	0.40	-0.44	-0.29	0.50	1.85	0.68	0.00	-0.07	0.69	2.32	0.32	0.01	1.62	1.33
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYPA_HARLEM__RVR__GT1 24160	39.73	29.37	24.85	27.57	27.24	30.30	31.53	29.76	30.74	44.95	42.27	42.06	35.03	29.80	29.04	29.76	30.57	40.47	31.13	29.34	35.62	25.23	22.12	18.20
	1.29	1.11	0.83	0.02	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.40	-0.42	-0.28	0.49	1.83	0.68	0.00	-0.07	0.68	2.29	0.31	0.01	1.58	1.30
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYPA_HARLEM__RVR__GT2 24161	39.73	29.37	24.85	27.57	27.24	30.30	31.53	29.76	30.74	44.95	42.27	42.06	35.03	29.80	29.04	29.76	30.57	40.47	31.13	29.34	35.62	25.23	22.12	18.20
	1.29	1.11	0.83	0.02	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.40	-0.42	-0.28	0.49	1.83	0.68	0.00	-0.07	0.68	2.29	0.31	0.01	1.58	1.30
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYPA_KENT____GT 24152	39.74	29.38	24.88	27.57	27.24	30.31	31.52	29.77	30.74	44.95	42.28	42.04	35.02	29.81	29.08	29.77	30.57	40.47	31.15	29.39	35.63	25.23	22.15	18.23
	1.30	1.12	0.86	0.03	0.03	0.09	-0.33	0.34	-0.17	-0.01	0.40	-0.44	-0.29	0.50	1.87	0.69	0.00	-0.07	0.70	2.34	0.32	0.01	1.61	1.33
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYPA_POUCH1____GT 24155	39.71	29.35	24.86	27.57	27.24	30.30	31.53	29.76	30.74	44.95	42.26	42.06	35.03	29.79	28.99	29.74	30.57	40.47	31.11	29.28	35.62	25.23	22.12	18.21
	1.27	1.10	0.84	0.03	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.39	-0.42	-0.28	0.48	1.79	0.66	0.00	-0.07	0.66	2.23	0.30	0.01	1.59	1.31
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYPA_VERNON____GT2 24162	39.74	29.38	24.88	27.57	27.24	30.31	31.52	29.77	30.74	44.95	42.28	42.04	35.02	29.81	29.10	29.77	30.57	40.47	31.15	29.39	35.63	25.23	22.15	18.23
	1.30	1.13	0.86	0.03	0.03	0.09	-0.33	0.34	-0.17	-0.01	0.41	-0.44	-0.29	0.50	1.89	0.70	0.00	-0.07	0.70	2.34	0.32	0.01	1.61	1.33
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYPA_VERNON____GT3 24163	39.74	29.38	24.88	27.57	27.24	30.31	31.52	29.77	30.74	44.95	42.28	42.04	35.02	29.81	29.10	29.77	30.57	40.47	31.15	29.39	35.63	25.23	22.15	18.23
	1.30	1.13	0.86	0.03	0.03	0.09	-0.33	0.34	-0.17	-0.01	0.41	-0.44	-0.29	0.50	1.89	0.70	0.00	-0.07	0.70	2.34	0.32	0.01	1.61	1.33
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYPA__ASTORIA_CC1 323568	39.73	29.36	24.87	27.57	27.24	30.30	31.52	29.77	30.74	44.95	42.27	42.05	35.03	29.81	29.07	29.76	30.57	40.47	31.14	29.36	35.63	25.23	22.12	18.21
	1.29	1.10	0.85	0.03	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.40	-0.44	-0.28	0.49	1.86	0.68	0.00	-0.07	0.69	2.31	0.32	0.01	1.59	1.31
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYPA__ASTORIA_CC2 323569	39.73	29.36	24.87	27.57	27.24	30.30	31.52	29.77	30.74	44.95	42.27	42.05	35.03	29.81	29.07	29.76	30.57	40.47	31.14	29.36	35.63	25.23	22.12	18.21
	1.29	1.10	0.85	0.03	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.40	-0.44	-0.28	0.49	1.86	0.68	0.00	-0.07	0.69	2.31	0.32	0.01	1.59	1.31
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYPA__HOLTSVILL 23794	54.63	43.37	29.30	27.58	38.66	53.79	50.53	48.61	30.72	44.95	55.18	60.57	53.85	52.58	52.88	42.43	32.72	52.03	76.52	67.61	97.89	60.60	55.67	36.57
	1.47	1.28	0.97	0.03	0.03	0.11	-0.38	0.37	-0.19	-0.02	0.47	-0.51	-0.33	0.58	2.11	0.79	-0.01	-0.08	0.73	2.39	0.38	0.01	1.87	1.49
	-38.65	-29.51	-18.57	-27.20	-38.29	-52.59	-54.60	-44.89	-32.73	-45.19	-50.60	-65.46	-57.07	-47.10	-32.59	-35.03	-32.93	-52.82	-69.18	-43.27	-94.49	-60.50	-38.68	-22.23
NYPA____HELLGATE_GT1 24158	39.73	29.37	24.85	27.57	27.24	30.30	31.53	29.76	30.74	44.95	42.27	42.06	35.03	29.80	29.04	29.76	30.57	40.47	31.13	29.34	35.62	25.23	22.12	18.20
	1.29	1.11	0.83	0.02	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.40	-0.43	-0.28	0.49	1.83	0.68	0.00	-0.07	0.68	2.29	0.31	0.01	1.58	1.30
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYPA____HELLGATE_GT2 24159	39.73	29.37	24.85	27.57	27.24	30.30	31.53	29.76	30.74	44.95	42.27	42.06	35.03	29.80	29.04	29.76	30.57	40.47	31.13	29.34	35.62	25.23	22.12	18.20
	1.29	1.11	0.83	0.02	0.03	0.09	-0.33	0.33	-0.17	-0.01	0.40	-0.43	-0.28	0.49	1.83	0.68	0.00	-0.07	0.68	2.29	0.31	0.01	1.58	1.30
	-23.93	-15.68	-14.26	-27.19	-26.87	-29.12	-35.54	-26.08	-32.72	-45.19	-37.75	-46.86	-38.20	-24.40	-9.03	-22.46	-30.77	-41.24	-23.84	-5.10	-32.29	-25.13	-5.43	-4.06
NYS_BARGE__HYD 23848	17.24	14.10	11.10	4.50	4.43	5.49	1.97	7.17	3.30	6.77	9.71	3.04	3.14	8.50	18.50	9.74	4.53	5.68	9.81	21.27	7.84	3.95	15.02	12.72
	-0.96	-0.89	-0.85	-0.04	-0.04	-0.09	0.18	-0.20	0.07	0.04	-0.22	0.20	0.14	-0.17	-1.08	-0.33	-0.02	0.03	-0.47	-1.47	-0.15	-0.01	-0.92	-0.75
	-3.69	-2.42	-2.20	-4.19	-4.14	-4.49	-5.47	-4.02	-5.04	-6.96	-5.81	-7.21	-5.88	-3.76	-1.39	-3.46	-4.74	-6.35	-3.67	-0.79	-4.97	-3.87	-0.84	-0.62
OAK ORCHARD__HYD 24046	17.13	14.18	11.16	3.75	3.69	4.71	0.83	6.55	2.30	5.45	8.82	1.52	1.92	7.98	19.11	9.39	3.66	4.47	9.47	22.20	7.05	3.24	15.49	13.10
	-0.39	-0.37	-0.39	-0.02	-0.02	-0.04	0.05	-0.08	0.00	0.00	-0.04	0.02	0.01	0.01	-0.21	-0.04	-0.01	0.00	-0.13	-0.39	-0.03	-0.01	-0.30	-0.25
	-3.01	-1.97	-1.79	-3.42	-3.38	-3.66	-4.46	-3.28	-4.11	-5.68	-4.74	-5.89	-4.80	-3.06	-1.13	-2.82	-3.86	-5.18	-3.00	-0.64	-4.06	-3.16	-0.68	-0.51
OCC_CHEM__DRP 24175	17.10	13.94	11.01	4.62	4.56	5.60	2.19	7.24	3.51	7.01	9.79	3.37	3.38	8.49	18.07	9.67	4.67	5.89	9.73	20.66	7.91	4.07	14.68	12.44
	-1.21	-1.13	-1.01	-0.05	-0.05	-0.11	0.24	-0.25	0.12	0.07	-0.32	0.32	0.21	-0.29	-1.55	-0.51	-0.02	0.05	-0.66	-2.10	-0.24	-0.01	-1.29	-1.04
	-3.80	-2.49	-2.26	-4.32	-4.27	-4.62	-5.64	-4.14	-5.19	-7.17	-5.99	-7.44	-6.06	-3.87	-1.43	-3.57	-4.88	-6.55	-3.78	-0.81	-5.12	-3.99	-0.86	-0.64

OH_GEN_PROXY 24063	17.22 -1.06 -3.76	14.09 -0.95 -2.46	11.11 -0.89 -2.24	4.58 -0.04 -4.28	4.52 -0.05 -4.23	6.52 -0.09 -5.53	2.11 0.22 -5.59	7.22 -0.24 -4.10	3.42 0.09 -5.14	6.91 0.03 -7.10	9.79 -0.26 -5.93	3.23 0.24 -7.37	3.28 0.16 -6.00	8.51 -0.23 -3.83	18.37 -1.23 -1.42	9.75 -0.39 -3.53	4.63 -0.02 -4.84	5.81 0.04 -6.48	9.82 -0.54 -3.75	21.06 -1.69 -0.80	7.91 -0.18 -5.08	4.03 -0.02 -3.95	14.92 -1.05 -0.85	12.63 -0.86 -0.64
OLIN_CORP_DRP 24177	17.18 -1.16 -3.83	14.02 -1.07 -2.51	11.06 -0.98 -2.29	4.66 -0.05 -4.35	4.59 -0.05 -4.31	5.65 -0.10 -4.67	2.24 0.24 -5.69	7.28 -0.25 -4.18	3.53 0.10 -5.24	7.05 0.04 -7.23	9.87 -0.29 -6.04	3.40 0.28 -7.50	3.42 0.19 -6.12	8.56 -0.25 -3.91	18.23 -1.40 -1.45	9.76 -0.45 -3.60	4.72 -0.02 -4.93	5.94 0.04 -6.61	9.82 -0.60 -3.82	20.88 -1.89 -0.82	7.98 -0.21 -5.17	4.11 -0.01 -4.02	14.81 -1.18 -0.87	12.55 -0.95 -0.65
OLIN_CORP_DSASP 323712	17.10 -1.21 -3.80	13.94 -1.13 -2.49	11.01 -1.01 -2.26	4.62 -0.05 -4.32	4.56 -0.05 -4.27	5.60 -0.11 -4.62	2.19 0.24 -5.64	7.24 -0.25 -4.14	3.51 0.12 -5.19	7.01 0.07 -7.17	9.79 -0.32 -5.99	3.37 0.32 -7.44	3.38 0.21 -6.06	8.49 -0.29 -3.87	18.07 -1.55 -1.43	9.67 -0.51 -3.57	4.67 -0.02 -4.88	5.89 0.05 -6.55	9.73 -0.66 -3.78	20.66 -2.10 -0.81	7.91 -0.24 -5.12	4.07 -0.01 -3.99	14.68 -1.29 -0.86	12.44 -1.04 -0.64
ONEIDA_HERK_LFGE 323681	14.77 0.26 0.00	12.76 0.19 0.00	9.90 0.14 0.00	0.36 0.01 0.00	0.34 0.01 0.00	1.11 0.02 0.00	-3.78 -0.09 0.00	3.44 0.08 0.00	-1.86 -0.04 0.00	-0.24 -0.01 0.00	4.23 0.12 0.00	-4.51 -0.13 0.00	-2.97 -0.08 0.00	5.05 0.14 0.00	18.68 0.50 0.00	6.80 0.19 0.00	-0.20 -0.01 0.00	-0.73 -0.03 0.00	6.82 0.21 0.00	22.63 0.68 0.00	3.12 0.09 0.00	0.09 0.00 0.00	15.40 0.28 0.00	13.08 0.23 0.00
ONONDAGA_REF_OCCRA 23987	17.15 0.02 -2.62	14.30 0.00 -1.72	11.28 -0.03 -1.56	3.32 0.00 -2.97	3.27 0.00 -2.94	4.27 0.00 -3.18	0.17 -0.03 -3.89	6.23 0.03 -2.85	1.75 -0.02 -3.58	4.72 0.00 -4.94	8.30 0.06 -4.13	0.68 -0.07 -5.12	1.25 -0.04 -4.18	7.66 0.08 -2.67	19.41 0.23 -0.99	9.15 0.09 -2.46	3.17 0.00 -3.36	3.79 -0.01 -4.51	9.30 0.08 -2.61	22.77 0.26 -0.56	6.60 0.05 -3.53	2.84 -0.01 -2.75	15.80 0.10 -0.59	13.37 0.08 -0.44
ONONDAGA___COGEN 23986	16.92 -0.03 -2.44	14.14 -0.04 -1.60	11.15 -0.07 -1.46	3.12 0.00 -2.78	3.08 0.00 -2.75	4.06 0.00 -2.97	-0.08 -0.01 -3.63	6.03 0.02 -2.66	1.51 -0.02 -3.34	4.39 0.00 -4.61	8.01 0.04 -3.86	0.36 -0.05 -4.79	0.99 -0.03 -3.90	7.46 0.06 -2.49	19.25 0.14 -0.92	8.96 0.06 -2.30	2.95 0.00 -3.14	3.50 -0.01 -4.21	9.10 0.05 -2.43	22.65 0.18 -0.52	6.36 0.04 -3.30	2.66 0.00 -2.57	15.70 0.03 -0.55	13.29 0.03 -0.41
ONTARIO___LFGE 23819	17.96 -0.07 -3.52	14.82 -0.07 -2.31	11.72 -0.13 -2.10	4.34 -0.01 -4.00	4.28 0.00 -3.95	5.36 -0.01 -4.28	1.51 -0.03 -5.22	7.22 0.03 -3.84	2.97 -0.03 -4.81	6.42 0.01 -6.64	9.73 0.07 -5.55	2.41 -0.10 -6.89	2.68 -0.05 -5.61	8.60 0.11 -3.59	19.80 0.29 -1.33	10.03 0.12 -3.30	4.33 -0.01 -4.52	5.34 -0.01 -6.06	10.21 0.10 -3.50	23.06 0.36 -0.75	7.84 0.07 -4.75	3.78 -0.01 -3.70	16.03 0.11 -0.80	13.53 0.09 -0.59
ORANGEVILLE_WT_PWR 323706	18.34 -0.71 -4.54	14.88 -0.66 -2.97	11.81 -0.66 -2.70	5.48 -0.03 -5.16	5.40 -0.03 -5.09	6.54 -0.07 -5.52	3.21 0.16 -6.74	8.12 -0.18 -4.94	4.46 0.07 -6.20	8.39 0.05 -8.56	11.09 -0.18 -7.16	4.67 0.17 -8.88	4.48 0.12 -7.24	9.38 -0.15 -4.63	19.08 -0.82 -1.71	10.61 -0.26 -4.26	5.63 -0.01 -5.83	7.14 0.03 -7.82	10.80 -0.33 -4.52	21.96 -0.95 -0.97	9.06 -0.09 -6.12	4.84 -0.01 -4.77	15.58 -0.56 -1.03	13.12 -0.49 -0.77
OSWEGATCHIE___HYD 24044	14.31 -0.20 0.00	12.25 -0.33 0.00	9.60 -0.16 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.08 -0.01 0.00	-3.60 0.09 0.00	3.26 -0.09 0.00	-1.74 0.07 0.00	-0.23 0.00 0.00	3.99 -0.12 0.00	-4.24 0.14 0.00	-2.80 0.08 0.00	4.74 -0.16 0.00	17.59 -0.60 0.00	6.40 -0.21 0.00	-0.18 0.01 0.00	-0.69 0.02 0.00	6.45 -0.16 0.00	21.41 -0.54 0.00	2.93 -0.09 0.00	0.09 -0.01 0.00	14.59 -0.53 0.00	12.53 -0.32 0.00
OSWEGO___5 23606	15.99 -0.27 -1.75	13.48 -0.24 -1.15	10.58 -0.22 -1.04	2.33 -0.01 -1.99	2.29 -0.01 -1.96	3.19 -0.02 -2.13	-1.04 0.06 -2.60	5.21 -0.05 -1.91	0.60 0.02 -2.39	3.08 0.01 -3.30	6.82 -0.05 -2.76	-0.91 0.05 -3.43	-0.06 0.03 -2.79	6.64 -0.05 -1.78	18.61 -0.23 -0.66	8.17 -0.08 -1.64	2.06 0.00 -2.25	2.32 0.01 -3.01	8.26 -0.09 -1.74	22.00 -0.32 -0.37	5.35 -0.04 -2.36	1.92 -0.01 -1.84	15.26 -0.25 -0.40	12.94 -0.20 -0.30
OSWEGO___6 23613	15.99 -0.27 -1.75	13.48 -0.24 -1.15	10.58 -0.22 -1.04	2.33 -0.01 -1.99	2.29 -0.01 -1.96	3.19 -0.02 -2.13	-1.04 0.06 -2.60	5.21 -0.05 -1.91	0.60 0.02 -2.39	3.08 0.01 -3.30	6.82 -0.05 -2.76	-0.91 0.05 -3.43	-0.06 0.03 -2.79	6.64 -0.05 -1.78	18.61 -0.23 -0.66	8.17 -0.08 -1.64	2.06 0.00 -2.25	2.32 0.01 -3.01	8.26 -0.09 -1.74	22.00 -0.32 -0.37	5.35 -0.04 -2.36	1.92 -0.01 -1.84	15.26 -0.25 -0.40	12.94 -0.20 -0.30
OUTOKUMPU-AB___DRP 24206	17.51 -0.87 -3.86	14.29 -0.82 -2.53	11.27 -0.78 -2.30	4.70 -0.04 -4.39	4.64 -0.04 -4.34	5.71 -0.08 -4.70	2.20 0.16 -5.74	7.39 -0.17 -4.21	3.54 0.07 -5.28	7.11 0.05 -7.29	10.01 -0.19 -6.09	3.36 0.18 -7.56	3.40 0.12 -6.16	8.70 -0.14 -3.94	18.66 -0.97 -1.46	9.94 -0.30 -3.63	4.75 -0.02 -4.96	5.97 0.03 -6.66	10.02 -0.43 -3.85	21.45 -1.32 -0.82	8.10 -0.13 -5.21	4.13 -0.01 -4.06	15.16 -0.83 -0.87	12.83 -0.67 -0.65
OXBOW___ 24026	17.32 -1.02 -3.83	14.13 -0.95 -2.51	11.15 -0.89 -2.29	4.66 -0.05 -4.35	4.60 -0.04 -4.30	5.66 -0.09 -4.66	2.19 0.19 -5.69	7.32 -0.21 -4.17	3.52 0.09 -5.24	7.07 0.06 -7.23	9.91 -0.25 -6.04	3.36 0.24 -7.50	3.39 0.16 -6.11	8.60 -0.21 -3.91	18.40 -1.23 -1.45	9.82 -0.39 -3.59	4.72 -0.02 -4.92	5.93 0.04 -6.60	9.89 -0.53 -3.82	21.11 -1.66 -0.82	8.01 -0.18 -5.17	4.10 -0.01 -4.02	14.95 -1.03 -0.87	12.66 -0.83 -0.65
OXY_CHEM_DSASP 323612	17.10 -1.21 -3.80	13.94 -1.13 -2.49	11.01 -1.01 -2.26	4.62 -0.05 -4.32	4.56 -0.05 -4.27	5.60 -0.11 -4.62	2.19 0.24 -5.64	7.24 -0.25 -4.14	3.51 0.12 -5.19	7.01 0.07 -7.17	9.79 -0.32 -5.99	3.37 0.32 -7.44	3.38 0.21 -6.06	8.49 -0.29 -3.87	18.07 -1.55 -1.43	9.67 -0.51 -3.57	4.67 -0.02 -4.88	5.89 0.05 -6.55	9.73 -0.66 -3.78	20.66 -2.10 -0.81	7.91 -0.24 -5.12	4.07 -0.01 -3.99	14.68 -1.29 -0.86	12.44 -1.04 -0.64
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.10 -1.21 -3.80	13.94 -1.13 -2.49	11.01 -1.01 -2.26	4.62 -0.05 -4.32	4.56 -0.05 -4.27	5.60 -0.11 -4.62	2.19 0.24 -5.64	7.24 -0.25 -4.14	3.51 0.12 -5.19	7.01 0.07 -7.17	9.79 -0.32 -5.99	3.37 0.32 -7.44	3.38 0.21 -6.06	8.49 -0.29 -3.87	18.07 -1.55 -1.43	9.67 -0.51 -3.57	4.67 -0.02 -4.88	5.89 0.05 -6.55	9.73 -0.66 -3.78	20.66 -2.10 -0.81	7.91 -0.24 -5.12	4.07 -0.01 -3.99	14.68 -1.29 -0.86	12.44 -1.04 -0.64

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.70 1.26 -23.93	29.35 1.09 -15.68	24.85 0.82 -14.26	27.57 0.03 -27.19	27.24 0.04 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.26 0.39 -37.75	42.06 -0.42 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.01 1.80 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.18 1.28 -4.06
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.84 1.41 -23.93	29.46 1.21 -15.68	24.94 0.92 -14.26	27.57 0.03 -27.19	27.25 0.04 -26.87	30.31 0.10 -29.12	31.47 -0.38 -35.54	29.82 0.38 -26.08	30.72 -0.19 -32.72	44.95 -0.01 -45.19	42.31 0.44 -37.75	42.01 -0.47 -46.86	35.00 -0.31 -38.20	29.85 0.54 -24.40	29.21 2.00 -9.03	29.82 0.75 -22.46	30.57 -0.01 -30.77	40.46 -0.08 -41.24	31.20 0.75 -23.84	29.56 2.51 -5.10	35.66 0.35 -32.29	25.23 0.01 -25.13	22.21 1.68 -5.43	18.28 1.38 -4.06
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.21 -0.51 -4.21	14.86 -0.47 -2.76	11.76 -0.51 -2.51	5.11 -0.03 -4.79	5.04 -0.03 -4.73	6.16 -0.05 -5.13	2.66 0.09 -6.26	7.85 -0.10 -4.59	3.97 0.02 -5.76	7.76 0.04 -7.95	10.69 -0.07 -6.64	3.91 0.04 -8.25	3.89 0.05 -6.72	9.19 -0.01 -4.29	19.45 -0.32 -1.59	10.48 -0.09 -3.95	5.21 -0.01 -5.42	6.56 0.01 -7.26	10.61 -0.20 -4.19	22.34 -0.51 -0.90	8.69 -0.02 -5.68	4.50 -0.01 -4.42	15.77 -0.30 -0.96	13.31 -0.25 -0.71
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.48 1.32 -24.65	29.86 1.13 -16.15	25.31 0.86 -14.70	28.40 0.03 -28.02	28.06 0.03 -27.69	31.19 0.10 -30.01	32.59 -0.34 -36.62	30.56 0.34 -26.87	31.72 -0.18 -33.72	46.32 -0.02 -46.56	43.43 0.42 -38.90	43.45 -0.45 -48.28	36.18 -0.29 -39.36	30.55 0.49 -25.15	29.34 1.85 -9.30	30.44 0.68 -23.15	31.50 0.00 -31.70	41.72 -0.07 -42.49	31.89 0.71 -24.56	29.57 2.37 -5.26	36.62 0.33 -33.27	25.99 0.01 -25.89	22.30 1.60 -5.59	18.33 1.31 -4.18
PEEKSKILL____ 23653	39.36 1.12 -23.72	29.09 0.97 -15.54	24.63 0.73 -14.14	27.34 0.02 -26.96	27.01 0.03 -26.65	30.04 0.08 -28.87	31.26 -0.29 -35.24	29.50 0.28 -25.86	30.49 -0.15 -32.45	44.56 -0.01 -44.80	41.89 0.35 -37.43	41.71 -0.38 -46.46	34.74 -0.24 -37.87	29.52 0.42 -24.20	28.73 1.59 -8.95	29.47 0.59 -22.27	30.31 -0.01 -30.51	40.12 -0.06 -40.89	30.84 0.59 -23.64	28.98 1.97 -5.06	35.31 0.27 -32.01	25.02 0.01 -24.91	21.88 1.39 -5.38	18.01 1.14 -4.02
PGE MADISON____WINDPWR 24146	22.85 0.88 -7.45	18.19 0.73 -4.89	14.71 0.51 -4.44	8.84 0.02 -8.47	8.73 0.02 -8.37	10.23 0.07 -9.07	7.11 -0.27 -11.07	11.74 0.26 -8.12	8.23 -0.15 -10.20	13.84 -0.01 -14.08	16.23 0.35 -11.76	9.83 -0.39 -14.60	8.76 -0.25 -11.90	12.99 0.48 -7.60	22.84 1.85 -2.81	14.25 0.64 -7.00	9.38 -0.01 -9.59	12.06 -0.08 -12.85	14.71 0.67 -7.43	25.80 2.26 -1.59	13.40 0.32 -10.06	7.92 0.00 -7.83	17.84 1.04 -1.69	14.97 0.87 -1.26
PIERCEFIELD____HYD 23852	14.23 -0.28 0.00	12.12 -0.46 0.00	9.59 -0.18 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.07 -0.02 0.00	-3.55 0.14 0.00	3.21 -0.15 0.00	-1.69 0.12 0.00	-0.22 0.00 0.00	3.89 -0.22 0.00	-4.12 0.26 0.00	-2.73 0.16 0.00	4.61 -0.29 0.00	17.14 -1.04 0.00	6.24 -0.38 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.27 -0.34 0.00	20.82 -1.13 0.00	2.85 -0.18 0.00	0.09 0.00 0.00	14.29 -0.82 0.00	12.36 -0.48 0.00
PINELAWN_CC_1 323563	54.61 1.44 -38.65	43.34 1.25 -29.51	29.28 0.95 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.78 0.10 -52.59	50.54 -0.37 -54.60	48.60 0.36 -44.89	30.73 -0.19 -32.73	44.95 -0.01 -45.19	55.17 0.45 -50.60	60.59 -0.50 -65.46	53.86 -0.32 -57.07	52.56 0.56 -47.10	52.83 2.06 -32.59	42.42 0.77 -35.03	32.72 -0.01 -32.93	52.04 -0.08 -52.82	76.51 0.72 -69.18	67.74 2.36 -43.43	97.88 0.36 -94.49	60.60 0.01 -60.50	55.59 1.80 -38.68	36.52 1.45 -22.23
PJM_GEN_HTP_PROXY 323702	39.70 1.27 -23.93	29.35 1.09 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.75 0.32 -26.08	30.74 -0.17 -32.72	44.94 -0.01 -45.18	42.25 0.39 -37.75	42.06 -0.42 -46.86	35.04 -0.27 -38.19	29.79 0.48 -24.40	29.00 1.80 -9.03	29.74 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.79 0.67 -24.51	29.30 2.25 -5.10	35.61 0.30 -32.29	25.23 0.01 -25.13	22.08 1.54 -5.42	18.17 1.27 -4.06
PJM_GEN_KEystone 24065	29.60 0.28 -14.81	22.52 0.24 -9.70	18.70 0.12 -8.83	17.18 0.00 -16.83	16.97 0.00 -16.63	19.12 0.02 -18.02	18.22 -0.08 -21.99	21.91 0.09 -18.47	15.44 -0.05 -17.31	27.74 0.01 -27.95	27.60 0.12 -23.36	26.73 -0.15 -31.26	18.35 -0.08 -21.32	20.17 0.17 -15.10	24.34 0.58 -5.58	20.73 0.22 -13.90	18.84 0.00 -19.04	24.80 -0.02 -25.52	22.21 0.17 -15.43	25.73 0.62 -3.16	23.11 0.11 -19.98	15.64 0.00 -15.55	18.97 0.50 -3.36	15.77 0.41 -2.51
PJM_GEN_NEPTUNE_PROXY 323594	54.48 1.32 -38.65	42.73 1.15 -29.01	27.69 0.87 -17.06	27.58 0.03 -27.20	34.65 0.03 -34.28	53.01 0.10 -51.82	44.40 -0.34 -48.42	48.57 0.33 -44.89	30.75 -0.17 -32.73	44.95 -0.01 -45.19	50.99 0.41 -46.47	58.12 -0.44 -62.95	48.08 -0.29 -51.25	45.15 0.51 -39.74	45.00 1.87 -24.94	39.58 0.70 -32.27	32.73 -0.01 -32.93	52.05 -0.07 -52.82	77.12 0.66 -69.85	67.72 2.13 -43.64	75.96 0.32 -72.61	48.16 0.01 -48.05	43.70 1.61 -26.97	31.07 1.31 -16.91
PJM_GEN_VFT_PROXY 323633	39.65 1.21 -23.93	29.31 1.05 -15.68	24.83 0.80 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.54 -0.31 -35.54	29.74 0.31 -26.08	30.75 -0.16 -32.72	44.94 -0.01 -45.18	42.24 0.37 -37.75	42.07 -0.41 -46.86	35.05 -0.26 -38.19	29.77 0.46 -24.40	28.93 1.72 -9.03	29.71 0.64 -22.46	30.57 0.00 -30.77	40.47 -0.06 -41.24	31.77 0.64 -24.51	29.21 2.16 -5.10	35.61 0.29 -32.29	25.23 0.01 -25.13	22.05 1.51 -5.43	18.16 1.26 -4.06
PLEASANTVLY____LBMP 24000	40.57 1.06 -24.99	29.87 0.91 -16.38	25.35 0.69 -14.90	28.78 0.02 -28.41	28.43 0.03 -28.07	31.59 0.08 -30.42	33.16 -0.27 -37.12	30.86 0.27 -27.24	32.23 -0.14 -34.18	46.96 -0.01 -47.20	43.88 0.32 -39.44	44.22 -0.35 -48.95	36.78 -0.22 -39.90	30.79 0.39 -25.49	29.09 1.48 -9.43	30.62 0.55 -23.46	31.94 -0.01 -32.14	42.32 -0.06 -43.08	32.07 0.56 -24.90	29.13 1.86 -5.33	37.01 0.26 -33.73	26.35 0.01 -26.25	22.08 1.30 -5.67	18.16 1.08 -4.24
PLSNTVLE_13_KV_13KVDisA_REV_LBMP_I 345020	40.02 1.15 -24.36	29.52 0.98 -15.96	25.03 0.75 -14.52	28.06 0.03 -27.69	27.72 0.03 -27.36	30.82 0.08 -29.65	32.20 -0.29 -36.18	30.19 0.29 -26.55	31.35 -0.15 -33.32	45.76 -0.01 -46.00	42.91 0.36 -38.44	42.95 -0.38 -47.71	35.76 -0.24 -38.89	30.18 0.43 -24.85	28.97 1.60 -9.19	30.07 0.59 -22.87	31.13 -0.01 -31.32	41.22 -0.06 -41.99	31.48 0.60 -24.27	29.15 2.01 -5.19	36.18 0.28 -32.87	25.69 0.01 -25.58	22.03 1.40 -5.52	18.13 1.15 -4.13
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.17 1.20 -25.46	30.29 1.04 -16.68	25.72 0.79 -15.18	29.31 0.03 -28.93	28.96 0.03 -28.59	32.16 0.09 -30.98	33.81 -0.31 -37.81	31.40 0.30 -27.74	32.84 -0.16 -34.82	47.83 -0.01 -48.07	44.66 0.38 -40.17	45.07 -0.40 -49.86	37.49 -0.26 -40.64	31.32 0.45 -25.96	29.47 1.68 -9.60	31.13 0.62 -23.90	32.54 -0.01 -32.73	43.11 -0.06 -43.88	32.62 0.64 -25.36	29.51 2.13 -5.43	37.67 0.30 -34.35	26.83 0.01 -26.73	22.34 1.46 -5.77	18.36 1.20 -4.32

POLETTI____ 23519	39.69 1.25 -23.93	29.34 1.09 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.04 -0.28 -38.19	29.79 0.48 -24.40	29.04 1.83 -9.03	29.75 0.67 -22.46	30.57 -0.01 -30.77	40.47 -0.07 -41.24	31.12 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
PORT_JEFF_3 23555	54.67 1.50 -38.65	43.39 1.31 -29.51	29.32 0.99 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.52 -0.39 -54.60	48.62 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.01 -45.19	55.20 0.48 -50.60	60.56 -0.52 -65.46	53.84 -0.34 -57.07	52.60 0.59 -47.10	52.93 2.16 -32.59	42.45 0.81 -35.03	32.72 -0.01 -32.93	52.03 -0.08 -52.82	76.54 0.75 -69.18	67.61 2.43 -43.23	97.90 0.38 -94.49	60.60 0.01 -60.50	55.70 1.91 -38.68	36.59 1.52 -22.23
PORT_JEFF_4 23616	54.67 1.50 -38.65	43.39 1.31 -29.51	29.32 0.99 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.52 -0.39 -54.60	48.62 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.01 -45.19	55.20 0.48 -50.60	60.56 -0.52 -65.46	53.84 -0.34 -57.07	52.60 0.59 -47.10	52.93 2.16 -32.59	42.45 0.81 -35.03	32.72 -0.01 -32.93	52.03 -0.08 -52.82	76.54 0.75 -69.18	67.61 2.43 -43.23	97.90 0.38 -94.49	60.60 0.01 -60.50	55.70 1.91 -38.68	36.59 1.52 -22.23
PORT_JEFF_IC 23713	54.68 1.52 -38.65	43.40 1.31 -29.51	29.33 1.00 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.52 -0.39 -54.60	48.62 0.37 -44.89	30.72 -0.20 -32.73	44.95 -0.02 -45.19	55.19 0.48 -50.60	60.56 -0.52 -65.46	53.84 -0.34 -57.07	52.60 0.59 -47.10	52.95 2.18 -32.59	42.46 0.81 -35.03	32.72 -0.02 -32.93	52.03 -0.08 -52.82	76.53 0.74 -69.18	67.44 2.40 -43.08	97.90 0.38 -94.49	60.60 0.01 -60.50	55.71 1.92 -38.68	36.60 1.53 -22.23
PPL PILGRIM_ST_GT1 24216	54.65 1.48 -38.65	43.39 1.30 -29.51	29.31 0.98 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.79 0.11 -52.59	50.52 -0.39 -54.60	48.62 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.02 -45.19	55.19 0.47 -50.60	60.57 -0.51 -65.46	53.84 -0.34 -57.07	52.59 0.59 -47.10	52.92 2.15 -32.59	42.45 0.80 -35.03	32.71 -0.02 -32.93	52.04 -0.08 -52.82	76.50 0.71 -69.18	67.46 2.36 -43.16	97.90 0.38 -94.49	60.60 0.02 -60.50	55.69 1.90 -38.68	36.59 1.52 -22.23
PPL PILGRIM_ST_GT2 24217	54.65 1.48 -38.65	43.39 1.30 -29.51	29.31 0.98 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.79 0.11 -52.59	50.52 -0.39 -54.60	48.62 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.02 -45.19	55.19 0.47 -50.60	60.57 -0.51 -65.46	53.84 -0.34 -57.07	52.59 0.59 -47.10	52.92 2.15 -32.59	42.45 0.80 -35.03	32.71 -0.02 -32.93	52.04 -0.08 -52.82	76.50 0.71 -69.18	67.46 2.36 -43.16	97.90 0.38 -94.49	60.60 0.02 -60.50	55.69 1.90 -38.68	36.59 1.52 -22.23
PPL_SHRM_GT3 24213	54.76 1.60 -38.65	43.47 1.38 -29.51	29.37 1.04 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.12 -52.59	50.49 -0.42 -54.60	48.65 0.40 -44.89	30.70 -0.21 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.53 -0.55 -65.46	53.82 -0.36 -57.07	52.63 0.62 -47.10	53.04 2.26 -32.59	42.50 0.85 -35.03	32.72 -0.01 -32.93	52.02 -0.09 -52.82	76.61 0.82 -69.18	67.83 2.67 -43.21	97.94 0.42 -94.49	60.60 0.01 -60.50	55.82 2.03 -38.68	36.68 1.60 -22.23
PPL_SHRM_GT4 24214	54.76 1.60 -38.65	43.47 1.38 -29.51	29.37 1.04 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.12 -52.59	50.49 -0.42 -54.60	48.65 0.40 -44.89	30.70 -0.21 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.53 -0.55 -65.46	53.82 -0.36 -57.07	52.63 0.62 -47.10	53.04 2.26 -32.59	42.50 0.85 -35.03	32.72 -0.01 -32.93	52.02 -0.09 -52.82	76.61 0.82 -69.18	67.83 2.67 -43.21	97.94 0.42 -94.49	60.60 0.01 -60.50	55.82 2.03 -38.68	36.68 1.60 -22.23
PROJECT___ORANGE 1 24174	16.57 -0.06 -2.12	13.90 -0.06 -1.39	10.93 -0.09 -1.27	2.76 0.00 -2.41	2.72 0.00 -2.39	3.67 -0.01 -2.59	-0.54 -0.01 -3.15	5.67 0.01 -2.31	1.08 -0.01 -2.90	3.78 0.00 -4.01	7.50 0.03 -3.35	-0.27 -0.04 -4.16	0.48 -0.02 -3.39	7.12 0.05 -2.17	19.11 0.13 -0.80	8.65 0.05 -1.99	2.53 0.00 -2.73	2.95 -0.01 -3.66	8.76 0.03 -2.12	22.50 0.10 -0.45	5.91 0.02 -2.86	2.32 0.00 -2.23	15.60 0.00 -0.48	13.21 0.01 -0.36
PROJECT___ORANGE 2 24166	16.57 -0.06 -2.12	13.90 -0.06 -1.39	10.93 -0.09 -1.27	2.76 0.00 -2.41	2.72 0.00 -2.39	3.67 -0.01 -2.59	-0.54 -0.01 -3.15	5.67 0.01 -2.31	1.08 -0.01 -2.90	3.78 0.00 -4.01	7.50 0.03 -3.35	-0.27 -0.04 -4.16	0.48 -0.02 -3.39	7.12 0.05 -2.17	19.11 0.13 -0.80	8.65 0.05 -1.99	2.53 0.00 -2.73	2.95 -0.01 -3.66	8.76 0.03 -2.12	22.50 0.10 -0.45	5.91 0.02 -2.86	2.32 0.00 -2.23	15.60 0.00 -0.48	13.21 0.01 -0.36
PYRITES___HYD 24023	14.33 -0.18 0.00	12.22 -0.36 0.00	9.67 -0.08 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.08 -0.01 0.00	-3.60 0.09 0.00	3.26 -0.09 0.00	-1.72 0.09 0.00	-0.22 0.00 0.00	3.94 -0.17 0.00	-4.18 0.20 0.00	-2.76 0.12 0.00	4.67 -0.23 0.00	17.38 -0.80 0.00	6.32 -0.29 0.00	-0.18 0.01 0.00	-0.68 0.03 0.00	6.35 -0.25 0.00	21.12 -0.83 0.00	2.89 -0.13 0.00	0.09 0.00 0.00	14.46 -0.66 0.00	12.48 -0.36 0.00
RAMAPO___LBMP 323565	38.66 1.05 -23.10	28.62 0.91 -15.13	24.21 0.68 -13.77	26.62 0.02 -26.25	26.30 0.03 -25.94	29.28 0.08 -28.11	30.35 -0.27 -34.31	28.79 0.27 -25.17	29.64 -0.14 -31.59	43.38 -0.01 -43.61	40.88 0.32 -36.44	40.50 -0.35 -45.23	33.76 -0.22 -36.87	28.86 0.39 -23.56	28.36 1.47 -8.71	28.84 0.54 -21.68	29.50 -0.01 -29.70	39.05 -0.06 -39.81	30.17 0.55 -23.01	28.68 1.81 -4.92	34.44 0.25 -31.17	24.36 0.01 -24.26	21.65 1.30 -5.24	17.83 1.07 -3.91
RANKINE____ 23646	17.95 -0.68 -4.12	14.65 -0.63 -2.70	11.57 -0.64 -2.45	5.00 -0.03 -4.68	4.92 -0.04 -4.62	6.03 -0.07 -5.01	2.55 0.13 -6.11	7.69 -0.14 -4.49	3.86 0.04 -5.63	7.58 0.04 -7.77	10.47 -0.14 -6.49	3.79 0.11 -8.06	3.76 0.08 -6.57	9.02 -0.08 -4.19	19.09 -0.65 -1.55	10.28 -0.19 -3.86	5.08 -0.02 -5.29	6.40 0.02 -7.09	10.39 -0.31 -4.10	21.92 -0.90 -0.88	8.50 -0.07 -5.55	4.40 -0.01 -4.32	15.51 -0.54 -0.93	13.09 -0.45 -0.70
RAVENSWOOD_GT2_1 24244	39.71 1.27 -23.93	29.35 1.09 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT2_2 24245	39.71 1.27 -23.93	29.35 1.09 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06



RAVENSWOOD_GT2_3 24246	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.02 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT2_4 24247	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.02 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT3_1 24248	39.71 1.27 -23.93	29.35 1.09 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT3_2 24249	39.71 1.27 -23.93	29.35 1.09 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT3_3 24250	39.74 1.30 -23.93	29.37 1.11 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.01 -45.19	42.28 0.40 -37.75	42.04 -0.44 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.07 1.86 -9.03	29.76 0.69 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.35 2.30 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.13 1.59 -5.43	18.21 1.31 -4.06
RAVENSWOOD_GT3_4 24251	39.74 1.30 -23.93	29.37 1.11 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.33 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.01 -45.19	42.28 0.40 -37.75	42.04 -0.44 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.07 1.86 -9.03	29.76 0.69 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.35 2.30 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.13 1.59 -5.43	18.21 1.31 -4.06
RAVENSWOOD_GT_1 23729	39.74 1.30 -23.93	29.38 1.13 -15.68	24.88 0.86 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.28 0.41 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.10 1.89 -9.03	29.77 0.70 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.70 -23.84	29.39 2.34 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.15 1.61 -5.43	18.23 1.33 -4.06
RAVENSWOOD_GT_10 24258	39.71 1.27 -23.93	29.35 1.09 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.02 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT_11 24259	39.71 1.27 -23.93	29.35 1.09 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.02 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT_4 24252	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 -0.01 -30.77	40.47 -0.07 -41.24	31.13 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT_5 24254	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 -0.01 -30.77	40.47 -0.07 -41.24	31.13 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT_6 24253	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 -0.01 -30.77	40.47 -0.07 -41.24	31.13 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT_7 24255	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.02 1.81 -9.03	29.75 0.67 -22.46	30.57 -0.01 -30.77	40.47 -0.07 -41.24	31.13 0.67 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.71 1.27 -23.93	29.35 1.09 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.02 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD_GT_9 24257	39.71 1.27 -23.93	29.35 1.09 -15.68	24.85 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.02 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06

RAVENSWOOD___1 23533	39.71 1.27 -23.93	29.36 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.33 -35.54	29.77 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.14 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.11 1.58 -5.43	18.21 1.31 -4.06
RAVENSWOOD___2 23534	39.71 1.27 -23.93	29.36 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.33 -35.54	29.77 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.14 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.11 1.58 -5.43	18.21 1.31 -4.06
RAVENSWOOD___3 23535	39.71 1.27 -23.93	29.35 1.10 -15.68	24.86 0.83 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.02 -45.19	42.27 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.67 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.68 -23.84	29.31 2.26 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.10 1.56 -5.43	18.19 1.29 -4.06
RAVENSWOOD___4 23820	39.71 1.27 -23.93	29.36 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.33 -35.54	29.77 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.14 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.11 1.58 -5.43	18.21 1.31 -4.06
RCPL_TRUST___DRP 24196	39.72 1.28 -23.93	29.36 1.10 -15.68	24.87 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.39 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.79 0.48 -24.40	29.03 1.82 -9.03	29.75 0.68 -22.46	30.57 0.00 -30.77	40.46 -0.07 -41.24	31.13 0.68 -23.84	29.32 2.27 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.09 1.56 -5.42	18.19 1.29 -4.06
RENSSELAER___COGEN 23796	46.18 0.79 -30.87	33.55 0.74 -20.23	28.73 0.56 -18.40	35.46 0.02 -35.09	35.03 0.02 -34.68	38.73 0.06 -37.58	41.95 -0.21 -45.86	37.18 0.18 -33.65	40.32 -0.09 -42.22	58.06 -0.01 -58.30	53.04 0.21 -48.71	55.85 -0.23 -60.46	46.25 -0.15 -49.28	36.65 0.26 -31.49	30.84 1.01 -11.65	35.97 0.37 -28.99	39.49 -0.02 -39.70	52.47 -0.04 -53.21	37.75 0.38 -30.76	29.79 1.26 -6.58	44.86 0.18 -41.66	32.52 0.01 -32.42	22.98 0.87 -7.00	18.79 0.72 -5.23
REVERE_CPPR_DRP 24186	15.59 0.36 -0.71	13.35 0.30 -0.47	10.40 0.22 -0.42	1.17 0.01 -0.81	1.15 0.01 -0.80	1.99 0.03 -0.87	-2.76 -0.13 -1.06	4.26 0.12 -0.78	-0.91 -0.07 -0.97	1.11 -0.01 -1.35	5.42 0.18 -1.13	-3.18 -0.20 -1.40	-1.87 -0.13 -1.14	5.87 0.23 -0.73	19.26 0.81 -0.27	7.58 0.30 -0.67	0.72 -0.01 -0.92	0.49 -0.03 -1.23	7.61 0.29 -0.71	23.02 0.92 -0.15	4.11 0.13 -0.96	0.84 0.00 -0.75	15.72 0.44 -0.16	13.32 0.35 -0.12
RIVERBAY___ 323610	39.84 1.41 -23.93	29.46 1.21 -15.68	24.94 0.92 -14.26	27.57 0.03 -27.19	27.25 0.04 -26.87	30.31 0.10 -29.12	31.47 -0.38 -35.54	29.82 0.38 -26.08	30.72 -0.19 -32.72	44.95 -0.01 -45.19	42.31 0.44 -37.75	42.01 -0.47 -46.86	35.00 -0.31 -38.20	29.85 0.54 -24.40	29.21 2.00 -9.03	29.82 0.75 -22.46	30.57 -0.01 -30.77	40.46 -0.08 -41.24	31.20 0.75 -23.84	29.56 2.51 -5.10	35.66 0.35 -32.29	25.23 0.01 -25.13	22.21 1.68 -5.43	18.28 1.38 -4.06
ROCHESTER_9_IC 23652	17.16 -0.34 -2.99	14.20 -0.34 -1.96	11.17 -0.37 -1.78	3.73 -0.02 -3.40	3.68 -0.02 -3.36	4.69 -0.03 -3.64	0.80 0.05 -4.44	6.55 -0.07 -3.26	2.28 0.00 -4.09	5.42 0.00 -5.65	8.81 -0.03 -4.72	1.48 0.00 -5.86	1.89 0.00 -4.77	7.98 0.02 -3.05	19.16 -0.15 -1.13	9.41 -0.02 -2.81	3.64 -0.01 -3.85	4.45 0.00 -5.16	9.48 -0.10 -2.98	22.27 -0.32 -0.64	7.04 -0.02 -4.04	3.22 -0.01 -3.14	15.54 -0.25 -0.68	13.14 -0.21 -0.51
ROSETON___1 23587	39.63 1.02 -24.10	29.24 0.87 -15.79	24.79 0.66 -14.37	27.77 0.02 -27.39	27.43 0.02 -27.07	30.50 0.07 -29.34	31.85 -0.26 -35.80	29.88 0.25 -26.27	31.01 -0.13 -32.97	45.28 -0.01 -45.52	42.46 0.31 -38.03	42.49 -0.34 -47.20	35.37 -0.22 -38.47	29.86 0.38 -24.58	28.70 1.42 -9.09	29.77 0.53 -22.63	30.79 -0.01 -30.99	40.78 -0.05 -41.54	31.16 0.54 -24.02	28.87 1.78 -5.14	35.80 0.25 -32.52	25.41 0.01 -25.31	21.83 1.25 -5.46	17.97 1.04 -4.09
ROSETON___2 23588	39.63 1.02 -24.10	29.24 0.87 -15.79	24.79 0.66 -14.37	27.77 0.02 -27.39	27.43 0.02 -27.07	30.50 0.07 -29.34	31.85 -0.26 -35.80	29.88 0.25 -26.27	31.01 -0.13 -32.97	45.28 -0.01 -45.52	42.46 0.31 -38.03	42.49 -0.34 -47.20	35.37 -0.22 -38.47	29.86 0.38 -24.58	28.70 1.42 -9.09	29.77 0.53 -22.63	30.79 -0.01 -30.99	40.78 -0.05 -41.54	31.16 0.54 -24.02	28.87 1.78 -5.14	35.80 0.25 -32.52	25.41 0.01 -25.31	21.83 1.25 -5.46	17.97 1.04 -4.09
RUSSELL___1 23602	17.24 -0.27 -2.99	14.27 -0.27 -1.96	11.22 -0.32 -1.78	3.73 -0.02 -3.40	3.68 -0.02 -3.36	4.71 -0.03 -3.64	0.78 0.02 -4.44	6.57 -0.04 -3.26	2.27 -0.01 -4.09	5.43 0.00 -5.65	8.84 0.00 -4.72	1.45 -0.03 -5.86	1.87 -0.02 -4.78	8.02 0.05 -3.05	19.29 -0.03 -1.13	9.45 0.03 -2.81	3.64 -0.01 -3.85	4.45 0.00 -5.16	9.53 -0.06 -2.98	22.42 -0.17 -0.64	7.07 0.00 -4.04	3.23 -0.01 -3.14	15.63 -0.16 -0.68	13.22 -0.14 -0.51
RUSSELL___2 23532	17.24 -0.27 -2.99	14.27 -0.27 -1.96	11.22 -0.32 -1.78	3.73 -0.02 -3.40	3.68 -0.02 -3.36	4.71 -0.03 -3.64	0.78 0.02 -4.44	6.57 -0.04 -3.26	2.27 -0.01 -4.09	5.43 0.00 -5.65	8.84 0.00 -4.72	1.45 -0.03 -5.86	1.87 -0.02 -4.78	8.02 0.05 -3.05	19.29 -0.03 -1.13	9.45 0.03 -2.81	3.64 -0.01 -3.85	4.45 0.00 -5.16	9.53 -0.06 -2.98	22.42 -0.17 -0.64	7.07 0.00 -4.04	3.23 -0.01 -3.14	15.63 -0.16 -0.68	13.22 -0.14 -0.51
RUSSELL___3 23549	17.24 -0.27 -2.99	14.27 -0.27 -1.96	11.22 -0.32 -1.78	3.73 -0.02 -3.40	3.68 -0.02 -3.36	4.71 -0.03 -3.64	0.78 0.02 -4.44	6.57 -0.04 -3.26	2.27 -0.01 -4.09	5.43 0.00 -5.65	8.84 0.00 -4.72	1.45 -0.03 -5.86	1.87 -0.02 -4.78	8.02 0.05 -3.05	19.29 -0.03 -1.13	9.45 0.03 -2.81	3.64 -0.01 -3.85	4.45 0.00 -5.16	9.53 -0.06 -2.98	22.42 -0.17 -0.64	7.07 0.00 -4.04	3.23 -0.01 -3.14	15.63 -0.16 -0.68	13.22 -0.14 -0.51
RUSSELL___4 23556	17.24 -0.27 -2.99	14.27 -0.27 -1.96	11.22 -0.32 -1.78	3.73 -0.02 -3.40	3.68 -0.02 -3.36	4.71 -0.03 -3.64	0.78 0.02 -4.44	6.57 -0.04 -3.26	2.27 -0.01 -4.09	5.43 0.00 -5.65	8.84 0.00 -4.72	1.45 -0.03 -5.86	1.87 -0.02 -4.78	8.02 0.05 -3.05	19.29 -0.03 -1.13	9.45 0.03 -2.81	3.64 -0.01 -3.85	4.45 0.00 -5.16	9.53 -0.06 -2.98	22.42 -0.17 -0.64	7.07 0.00 -4.04	3.23 -0.01 -3.14	15.63 -0.16 -0.68	13.22 -0.14 -0.51

RUSSELL__STATION 23914	17.24 -0.27 -2.99	14.27 -0.27 -1.96	11.22 -0.32 -1.78	3.73 -0.02 -3.40	3.68 -0.02 -3.36	4.71 -0.03 -3.64	0.78 0.02 -4.44	6.57 -0.04 -3.26	2.27 -0.01 -4.09	5.43 0.00 -5.65	8.84 0.00 -4.72	1.45 -0.03 -5.86	1.87 -0.02 -4.78	8.02 0.05 -3.05	19.29 -0.03 -1.13	9.45 0.03 -2.81	3.64 -0.01 -3.85	4.45 0.00 -5.16	9.53 -0.06 -2.98	22.42 -0.17 -0.64	7.07 0.00 -4.04	3.23 -0.01 -3.14	15.63 -0.16 -0.68	13.22 -0.14 -0.51
S SALMON__HYD 24043	15.97 -0.15 -1.61	13.44 -0.19 -1.05	10.48 -0.23 -0.96	2.18 -0.01 -1.83	2.13 -0.01 -1.81	3.03 -0.02 -1.96	-1.26 0.03 -2.39	5.06 -0.05 -1.76	0.41 0.02 -2.20	2.82 0.00 -3.04	6.62 -0.04 -2.54	-1.20 0.03 -3.15	-0.30 0.02 -2.57	6.52 -0.03 -1.64	18.61 -0.18 -0.61	8.06 -0.06 -1.51	1.88 0.00 -2.07	2.07 0.00 -2.77	8.18 -0.04 -1.60	22.14 -0.15 -0.34	5.17 -0.03 -2.17	1.78 -0.01 -1.69	15.23 -0.25 -0.36	12.91 -0.20 -0.27
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.59 -0.87 -3.95	14.37 -0.79 -2.59	11.34 -0.77 -2.35	4.80 -0.04 -4.48	4.72 -0.04 -4.43	5.81 -0.08 -4.80	2.34 0.17 -5.86	7.47 -0.19 -4.30	3.65 0.06 -5.39	7.26 0.04 -7.45	10.14 -0.20 -6.22	3.52 0.18 -7.72	3.53 0.12 -6.30	8.78 -0.15 -4.02	18.73 -0.94 -1.49	10.03 -0.29 -3.70	4.86 -0.02 -5.07	6.12 0.03 -6.80	10.11 -0.42 -3.93	21.50 -1.29 -0.84	8.22 -0.13 -5.32	4.22 -0.02 -4.14	15.22 -0.79 -0.89	12.86 -0.65 -0.67
SELKIRK__I 23801	45.61 0.76 -30.35	33.15 0.69 -19.88	28.38 0.53 -18.09	34.86 0.02 -34.49	34.44 0.02 -34.08	38.08 0.06 -36.93	41.18 -0.20 -45.07	36.60 0.17 -33.07	39.60 -0.09 -41.50	57.07 -0.01 -57.30	52.20 0.21 -47.88	54.82 -0.23 -59.43	45.40 -0.15 -48.44	36.11 0.26 -30.95	30.63 1.00 -11.45	35.47 0.37 -28.49	38.81 -0.01 -39.02	51.55 -0.04 -52.30	37.22 0.37 -30.23	29.67 1.25 -6.47	44.15 0.18 -40.95	31.97 0.01 -31.87	22.85 0.86 -6.88	18.69 0.70 -5.14
SELKIRK__II 23799	45.64 0.76 -30.38	33.17 0.69 -19.90	28.39 0.52 -18.11	34.89 0.02 -34.53	34.47 0.02 -34.12	38.12 0.06 -36.97	41.23 -0.20 -45.12	36.63 0.17 -33.11	39.64 -0.09 -41.54	57.13 -0.01 -57.36	52.26 0.21 -47.93	54.88 -0.23 -59.49	45.45 -0.15 -48.49	36.14 0.26 -30.98	30.64 1.00 -11.46	35.50 0.37 -28.52	38.85 -0.01 -39.06	51.61 -0.04 -52.36	37.25 0.37 -30.26	29.66 1.24 -6.48	44.19 0.18 -40.99	32.00 0.01 -31.90	22.85 0.85 -6.89	18.70 0.70 -5.15
SENECA OSWGO__HYD 24041	16.24 -0.18 -1.90	13.66 -0.17 -1.25	10.72 -0.17 -1.14	2.51 -0.01 -2.16	2.47 -0.01 -2.14	3.39 -0.02 -2.32	-0.83 0.03 -2.83	5.40 -0.03 -2.07	0.80 0.01 -2.60	3.37 0.00 -3.59	7.10 -0.02 -3.00	-0.64 0.01 -3.73	0.16 0.00 -3.04	6.84 -0.01 -1.94	18.82 -0.08 -0.72	8.37 -0.03 -1.79	2.26 0.00 -2.45	2.57 0.00 -3.28	8.46 -0.04 -1.90	22.20 -0.15 -0.40	5.58 -0.01 -2.57	2.09 -0.01 -2.00	15.39 -0.15 -0.43	13.05 -0.12 -0.32
SENECA__ENERGY 23797	17.43 -0.20 -3.12	14.44 -0.18 -2.04	11.42 -0.20 -1.86	3.89 -0.01 -3.54	3.83 -0.01 -3.50	4.86 -0.02 -3.80	0.97 0.02 -4.63	6.74 -0.02 -3.40	2.45 0.00 -4.27	5.67 0.00 -5.89	9.05 0.02 -4.92	1.70 -0.03 -6.11	2.08 -0.01 -4.98	8.13 0.04 -3.18	19.40 0.04 -1.18	9.57 0.03 -2.93	3.82 0.00 -4.01	4.67 0.00 -5.37	9.72 0.00 -3.11	22.64 0.02 -0.66	7.25 0.02 -4.21	3.36 0.00 -3.27	15.74 -0.08 -0.71	13.31 -0.06 -0.53
SHOEMAKER__GT 23640	37.39 0.90 -21.97	27.76 0.78 -14.40	23.45 0.59 -13.10	25.35 0.02 -24.97	25.04 0.02 -24.68	27.90 0.07 -26.75	28.72 -0.23 -32.64	27.53 0.23 -23.95	28.12 -0.12 -30.05	41.26 -0.01 -41.50	39.07 0.28 -34.67	38.35 -0.30 -43.04	32.00 -0.19 -35.08	27.65 0.33 -22.41	27.71 1.24 -8.29	27.71 0.47 -20.63	28.06 0.00 -28.26	37.12 -0.05 -37.87	28.98 0.47 -21.89	28.20 1.57 -4.68	32.90 0.22 -29.65	23.18 0.01 -23.08	21.20 1.11 -4.98	17.48 0.91 -3.73
SHOREHAM_IC_1 23715	54.76 1.60 -38.65	43.47 1.38 -29.51	29.37 1.04 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.12 -52.59	50.49 -0.42 -54.60	48.65 0.40 -44.89	30.70 -0.21 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.53 -0.55 -65.46	53.82 -0.36 -57.07	52.63 0.62 -47.10	53.04 2.26 -32.59	42.50 0.85 -35.03	32.72 -0.01 -32.93	52.02 -0.09 -52.82	76.61 0.82 -69.18	67.83 2.67 -43.21	97.94 0.42 -94.49	60.60 0.01 -60.50	55.82 2.03 -38.68	36.68 1.60 -22.23
SHOREHAM_IC_2 23716	54.76 1.60 -38.65	43.47 1.38 -29.51	29.37 1.04 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.12 -52.59	50.49 -0.42 -54.60	48.65 0.40 -44.89	30.70 -0.21 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.53 -0.55 -65.46	53.82 -0.36 -57.07	52.63 0.62 -47.10	53.04 2.26 -32.59	42.50 0.85 -35.03	32.72 -0.01 -32.93	52.02 -0.09 -52.82	76.61 0.82 -69.18	67.83 2.67 -43.21	97.94 0.42 -94.49	60.60 0.01 -60.50	55.82 2.03 -38.68	36.68 1.60 -22.23
SISSONVILLE____ 23735	14.23 -0.28 0.00	12.12 -0.46 0.00	9.59 -0.18 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.07 -0.02 0.00	-3.55 0.14 0.00	3.21 -0.15 0.00	-1.69 0.12 0.00	-0.22 0.00 0.00	3.89 -0.22 0.00	-4.12 0.26 0.00	-2.73 0.16 0.00	4.61 -0.29 0.00	17.14 -1.04 0.00	6.24 -0.38 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.27 -0.34 0.00	20.82 -1.13 0.00	2.85 -0.18 0.00	0.09 0.00 0.00	14.29 -0.82 0.00	12.36 -0.48 0.00
SITHE_IND_GS1 24169	15.70 -0.35 -1.54	13.27 -0.32 -1.01	10.40 -0.28 -0.92	2.09 -0.01 -1.75	2.05 -0.01 -1.73	2.93 -0.03 -1.87	-1.33 0.08 -2.28	4.95 -0.07 -1.67	0.32 0.03 -2.10	2.68 0.01 -2.90	6.47 -0.07 -2.43	-1.30 0.07 -3.01	-0.39 0.05 -2.45	6.39 -0.08 -1.57	18.41 -0.35 -0.58	7.93 -0.13 -1.44	1.78 0.00 -1.97	1.96 0.01 -2.65	8.00 -0.14 -1.53	21.80 -0.47 -0.33	5.04 -0.06 -2.07	1.70 0.00 -1.61	15.11 -0.35 -0.35	12.82 -0.28 -0.26
SITHE_IND_GS2 24170	15.70 -0.35 -1.54	13.27 -0.32 -1.01	10.40 -0.28 -0.92	2.09 -0.01 -1.75	2.05 -0.01 -1.73	2.93 -0.03 -1.87	-1.33 0.08 -2.28	4.95 -0.07 -1.67	0.32 0.03 -2.10	2.68 0.01 -2.90	6.47 -0.07 -2.43	-1.30 0.07 -3.01	-0.39 0.05 -2.45	6.39 -0.08 -1.57	18.41 -0.35 -0.58	7.93 -0.13 -1.44	1.78 0.00 -1.97	1.96 0.01 -2.65	8.00 -0.14 -1.53	21.80 -0.47 -0.33	5.04 -0.06 -2.07	1.70 0.00 -1.61	15.11 -0.35 -0.35	12.82 -0.28 -0.26
SITHE_IND_GS3 24171	15.70 -0.35 -1.54	13.27 -0.32 -1.01	10.40 -0.28 -0.92	2.09 -0.01 -1.75	2.05 -0.01 -1.73	2.93 -0.03 -1.87	-1.33 0.08 -2.28	4.95 -0.07 -1.67	0.32 0.03 -2.10	2.68 0.01 -2.90	6.47 -0.07 -2.43	-1.30 0.07 -3.01	-0.39 0.05 -2.45	6.39 -0.08 -1.57	18.41 -0.35 -0.58	7.93 -0.13 -1.44	1.78 0.00 -1.97	1.96 0.01 -2.65	8.00 -0.14 -1.53	21.80 -0.47 -0.33	5.04 -0.06 -2.07	1.70 0.00 -1.61	15.11 -0.35 -0.35	12.82 -0.28 -0.26
SITHE_IND_GS4 24172	15.70 -0.35 -1.54	13.27 -0.32 -1.01	10.40 -0.28 -0.92	2.09 -0.01 -1.75	2.05 -0.01 -1.73	2.93 -0.03 -1.87	-1.33 0.08 -2.28	4.95 -0.07 -1.67	0.32 0.03 -2.10	2.68 0.01 -2.90	6.47 -0.07 -2.43	-1.30 0.07 -3.01	-0.39 0.05 -2.45	6.39 -0.08 -1.57	18.41 -0.35 -0.58	7.93 -0.13 -1.44	1.78 0.00 -1.97	1.96 0.01 -2.65	8.00 -0.14 -1.53	21.80 -0.47 -0.33	5.04 -0.06 -2.07	1.70 0.00 -1.61	15.11 -0.35 -0.35	12.82 -0.28 -0.26

SITHE___BATAVIA 24024	17.50 -0.51 -3.49	14.37 -0.49 -2.29	11.30 -0.54 -2.08	4.29 -0.03 -3.97	4.23 -0.03 -3.92	5.29 -0.05 -4.25	1.56 0.06 -5.18	7.08 -0.08 -3.81	2.97 0.01 -4.77	6.39 0.02 -6.59	9.56 -0.06 -5.51	2.49 0.03 -6.84	2.71 0.02 -5.57	8.48 0.01 -3.56	19.16 -0.34 -1.32	9.82 -0.06 -3.28	4.28 -0.02 -4.49	5.31 0.00 -6.02	9.91 -0.18 -3.48	22.18 -0.51 -0.74	7.71 -0.03 -4.71	3.75 -0.01 -3.67	15.51 -0.39 -0.79	13.12 -0.31 -0.59
SITHE___INDEPEND 23800	15.70 -0.35 -1.54	13.27 -0.32 -1.01	10.40 -0.28 -0.92	2.09 -0.01 -1.75	2.05 -0.01 -1.73	2.93 -0.03 -1.87	-1.33 0.08 -2.28	4.95 -0.07 -1.67	0.32 0.03 -2.10	2.68 0.01 -2.90	6.47 -0.07 -2.43	-1.30 0.07 -3.01	-0.39 0.05 -2.45	6.39 -0.08 -1.57	18.41 -0.35 -0.58	7.93 -0.13 -1.44	1.78 0.00 -1.97	1.96 0.01 -2.65	8.00 -0.14 -1.53	21.80 -0.47 -0.33	5.04 -0.06 -2.07	1.70 0.00 -1.61	15.11 -0.35 -0.35	12.82 -0.28 -0.26
SITHE___MASSENA 23902	14.19 -0.32 0.00	12.17 -0.40 0.00	9.58 -0.18 0.00	0.35 -0.01 0.00	0.33 0.00 0.00	1.06 -0.03 0.00	-3.58 0.11 0.00	3.25 -0.11 0.00	-1.72 0.09 0.00	-0.22 0.01 0.00	3.92 -0.20 0.00	-4.15 0.23 0.00	-2.74 0.14 0.00	4.64 -0.27 0.00	17.25 -0.93 0.00	6.27 -0.34 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.29 -0.32 0.00	20.91 -1.03 0.00	2.87 -0.16 0.00	0.09 0.00 0.00	14.42 -0.70 0.00	12.40 -0.44 0.00
SITHE___OGDNSBRG 24021	14.32 -0.19 0.00	12.23 -0.35 0.00	9.67 -0.09 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.08 -0.01 0.00	-3.60 0.09 0.00	3.27 -0.09 0.00	-1.73 0.09 0.00	-0.22 0.00 0.00	3.95 -0.17 0.00	-4.18 0.20 0.00	-2.76 0.12 0.00	4.67 -0.23 0.00	17.37 -0.81 0.00	6.32 -0.29 0.00	-0.18 0.01 0.00	-0.68 0.03 0.00	6.34 -0.26 0.00	21.08 -0.87 0.00	2.89 -0.14 0.00	0.09 0.00 0.00	14.47 -0.64 0.00	12.48 -0.36 0.00
SITHE___STERLING 23777	15.78 0.30 -0.97	13.48 0.27 -0.64	10.52 0.19 -0.58	1.46 0.01 -1.11	1.44 0.01 -1.09	2.30 0.03 -1.19	-2.36 -0.12 -1.44	4.53 0.11 -1.06	-0.55 -0.06 -1.33	1.61 -0.01 -1.84	5.81 0.16 -1.54	-2.66 -0.18 -1.90	-1.45 -0.11 -1.55	6.11 0.21 -0.99	19.29 0.74 -0.37	7.79 0.27 -0.91	1.05 -0.01 -1.25	0.94 -0.03 -1.68	7.82 0.25 -0.97	22.94 0.78 -0.21	4.45 0.11 -1.31	1.11 0.00 -1.02	15.72 0.38 -0.22	13.32 0.31 -0.16
SOUTH CAIRO___GT 23612	42.04 1.31 -26.23	30.89 1.13 -17.18	26.25 0.86 -15.63	30.18 0.03 -29.80	29.82 0.03 -29.45	33.10 0.10 -31.92	34.92 -0.34 -38.95	32.25 0.32 -28.58	33.87 -0.18 -35.86	49.27 -0.02 -49.52	45.90 0.41 -41.38	46.55 -0.42 -51.36	38.70 -0.28 -41.86	32.12 0.47 -26.75	29.93 1.85 -9.89	31.92 0.69 -24.62	33.51 -0.01 -33.72	44.41 -0.08 -45.20	33.46 0.72 -26.13	29.92 2.38 -5.59	38.74 0.33 -35.38	27.64 0.01 -27.54	22.59 1.53 -5.95	18.54 1.25 -4.45
SOUTH HAMPTN___IC 23720	55.07 1.91 -38.65	43.73 1.64 -29.51	29.56 1.23 -18.57	27.59 0.04 -27.20	38.67 0.04 -38.29	53.82 0.14 -52.59	50.41 -0.50 -54.60	48.72 0.48 -44.89	30.66 -0.25 -32.73	44.94 -0.03 -45.19	55.32 0.60 -50.60	60.42 -0.66 -65.46	53.74 -0.44 -57.07	52.74 0.74 -47.10	53.46 2.68 -32.59	42.65 1.01 -35.03	32.72 -0.01 -32.93	52.01 -0.11 -52.82	76.80 1.02 -69.18	68.49 3.30 -43.24	98.02 0.51 -94.49	60.60 0.02 -60.50	56.16 2.36 -38.68	36.94 1.86 -22.23
SOUTHOLD___IC 23719	55.24 2.08 -38.65	43.86 1.77 -29.51	29.66 1.33 -18.57	27.59 0.04 -27.20	38.68 0.05 -38.29	53.83 0.15 -52.59	50.36 -0.55 -54.60	48.78 0.53 -44.89	30.64 -0.27 -32.73	44.94 -0.03 -45.19	55.37 0.66 -50.60	60.36 -0.72 -65.46	53.71 -0.48 -57.07	52.80 0.80 -47.10	53.66 2.89 -32.59	42.73 1.09 -35.03	32.72 -0.01 -32.93	51.99 -0.12 -52.82	76.93 1.14 -69.18	68.91 3.72 -43.23	98.08 0.57 -94.49	60.60 0.01 -60.50	56.34 2.54 -38.68	37.07 2.00 -22.23
ST LAWRENCE____ 23600	14.05 -0.46 0.00	12.14 -0.43 0.00	9.49 -0.27 0.00	0.35 -0.01 0.00	0.33 -0.01 0.00	1.05 -0.03 0.00	-3.54 0.15 0.00	3.22 -0.14 0.00	-1.72 0.09 0.00	-0.21 0.01 0.00	3.90 -0.21 0.00	-4.14 0.24 0.00	-2.73 0.15 0.00	4.63 -0.28 0.00	17.21 -0.97 0.00	6.26 -0.35 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.27 -0.34 0.00	20.85 -1.10 0.00	2.86 -0.16 0.00	0.09 0.00 0.00	14.39 -0.72 0.00	12.29 -0.55 0.00
STATION 5_MISC_HYD 23604	17.16 -0.34 -2.99	14.20 -0.34 -1.96	11.17 -0.37 -1.78	3.73 -0.02 -3.40	3.68 -0.02 -3.36	4.69 -0.03 -3.64	0.80 0.05 -4.44	6.55 -0.07 -3.26	2.28 0.00 -4.09	5.42 0.00 -5.65	8.81 -0.03 -4.72	1.48 0.00 -5.86	1.89 0.00 -4.77	7.98 0.02 -3.05	19.16 -0.15 -1.13	9.41 -0.02 -2.81	3.64 -0.01 -3.85	4.45 0.00 -5.16	9.48 -0.10 -2.98	22.27 -0.32 -0.64	7.04 -0.02 -4.04	3.22 -0.01 -3.14	15.54 -0.25 -0.68	13.14 -0.21 -0.51
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.33 -0.15 -2.97	14.36 -0.16 -1.95	11.32 -0.21 -1.77	3.72 -0.01 -3.38	3.67 -0.01 -3.34	4.69 -0.02 -3.62	0.72 -0.01 -4.42	6.59 0.00 -3.24	2.23 -0.02 -4.07	5.39 0.00 -5.61	8.84 0.04 -4.69	1.38 -0.06 -5.82	1.82 -0.04 -4.75	8.02 0.08 -3.03	19.44 0.14 -1.12	9.48 0.08 -2.79	3.62 -0.01 -3.82	4.40 -0.01 -5.12	9.60 0.03 -2.96	22.71 0.12 -0.63	7.07 0.03 -4.01	3.21 -0.01 -3.12	15.76 -0.03 -0.67	13.32 -0.02 -0.50
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.05 -0.42 -2.96	14.11 -0.40 -1.94	11.11 -0.41 -1.76	3.69 -0.02 -3.36	3.64 -0.02 -3.32	4.65 -0.04 -3.60	0.77 0.07 -4.39	6.50 -0.08 -3.22	2.24 0.01 -4.04	5.36 0.00 -5.59	8.73 -0.05 -4.67	1.44 0.03 -5.79	1.85 0.02 -4.72	7.91 -0.01 -3.02	19.05 -0.25 -1.12	9.33 -0.05 -2.78	3.60 -0.01 -3.80	4.39 0.00 -5.10	9.42 -0.14 -2.95	22.15 -0.43 -0.63	6.98 -0.03 -3.99	3.19 -0.01 -3.11	15.45 -0.33 -0.67	13.06 -0.28 -0.50
STEEL___WIND 323596	17.96 -0.67 -4.12	14.65 -0.62 -2.70	11.57 -0.64 -2.45	5.00 -0.03 -4.68	4.92 -0.04 -4.62	6.03 -0.07 -5.01	2.55 0.12 -6.11	7.69 -0.14 -4.49	3.86 0.04 -5.63	7.58 0.03 -7.77	10.48 -0.13 -6.49	3.78 0.11 -8.06	3.76 0.08 -6.57	9.02 -0.08 -4.19	19.10 -0.64 -1.55	10.29 -0.18 -3.86	5.08 -0.02 -5.29	6.40 0.02 -7.09	10.40 -0.31 -4.10	21.94 -0.89 -0.88	8.50 -0.07 -5.55	4.40 -0.01 -4.32	15.51 -0.53 -0.93	13.10 -0.44 -0.70
STEBEN_REC_LFGE 323667	19.67 -0.14 -5.31	15.90 -0.15 -3.48	12.69 -0.23 -3.16	6.37 -0.01 -6.03	6.29 -0.01 -5.96	7.53 -0.02 -6.46	4.19 -0.01 -7.88	9.15 0.01 -5.79	5.43 -0.02 -7.26	9.84 0.03 -10.03	12.53 0.04 -8.38	5.94 -0.08 -10.40	5.56 -0.03 -8.48	10.40 0.08 -5.42	20.33 0.15 -2.00	11.67 0.08 -4.99	6.63 -0.01 -6.83	8.44 -0.01 -9.15	11.95 0.05 -5.29	23.39 0.31 -1.13	10.27 0.08 -7.17	5.67 0.00 -5.58	16.47 0.16 -1.20	13.87 0.13 -0.90
STONY___BROOK 24151	54.66 1.50 -38.65	43.39 1.30 -29.51	29.31 0.98 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.79 0.11 -52.59	50.53 -0.38 -54.60	48.61 0.37 -44.89	30.72 -0.19 -32.73	44.95 -0.02 -45.19	55.19 0.47 -50.60	60.57 -0.51 -65.46	53.84 -0.34 -57.07	52.59 0.59 -47.10	52.92 2.14 -32.59	42.44 0.80 -35.03	32.72 -0.02 -32.93	52.03 -0.08 -52.82	76.53 0.74 -69.18	67.22 2.39 -42.89	97.89 0.38 -94.49	60.60 0.01 -60.50	55.67 1.88 -38.68	36.57 1.49 -22.23

STURGEON_POOL_HYD 23609	40.10 0.99 -24.60	29.54 0.85 -16.12	25.07 0.65 -14.67	28.33 0.02 -27.96	27.99 0.02 -27.63	31.10 0.07 -29.94	32.59 -0.26 -36.54	30.43 0.26 -26.81	31.70 -0.13 -33.65	46.22 -0.01 -46.46	43.25 0.31 -38.82	43.46 -0.34 -48.18	36.17 -0.22 -39.27	30.37 0.37 -25.09	28.85 1.39 -9.28	30.23 0.52 -23.10	31.44 -0.01 -31.63	41.64 -0.06 -42.40	31.67 0.55 -24.51	29.00 1.81 -5.25	36.48 0.26 -33.20	25.94 0.01 -25.84	21.92 1.23 -5.58	18.03 1.01 -4.17
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.92 0.97 -22.44	28.11 0.84 -14.70	23.76 0.63 -13.38	25.87 0.02 -25.50	25.56 0.02 -25.20	28.47 0.07 -27.31	29.39 -0.25 -33.33	28.06 0.25 -24.46	28.75 -0.13 -30.69	42.14 -0.01 -42.37	39.82 0.30 -35.41	39.24 -0.33 -43.95	32.73 -0.21 -35.82	28.16 0.36 -22.89	28.00 1.35 -8.47	28.18 0.50 -21.07	28.66 -0.01 -28.86	37.92 -0.05 -38.68	29.49 0.52 -22.36	28.46 1.73 -4.78	33.55 0.24 -30.28	23.67 0.01 -23.56	21.40 1.20 -5.09	17.64 0.99 -3.80
SYNERGY__BIOGAS 323694	17.50 -0.51 -3.49	14.37 -0.49 -2.29	11.30 -0.54 -2.08	4.29 -0.03 -3.97	4.23 -0.03 -3.92	5.29 -0.05 -4.25	1.56 0.06 -5.18	7.08 -0.08 -3.81	2.97 0.01 -4.77	6.39 0.02 -6.59	9.56 -0.06 -5.51	2.49 0.03 -6.84	2.71 0.02 -5.57	8.48 0.01 -3.56	19.16 -0.34 -1.32	9.82 -0.06 -3.28	4.28 -0.02 -4.49	5.31 0.00 -6.02	9.91 -0.18 -3.48	22.18 -0.51 -0.74	7.71 -0.03 -4.71	3.75 -0.01 -3.67	15.51 -0.39 -0.79	13.12 -0.31 -0.59
SYRACUSE__ENERGY_ST1 323597	16.92 -0.03 -2.44	14.14 -0.04 -1.60	11.15 -0.07 -1.46	3.12 0.00 -2.78	3.08 0.00 -2.75	4.06 0.00 -2.97	-0.08 0.00 -3.63	6.03 0.02 -2.66	1.51 -0.02 -3.34	4.39 0.00 -4.61	8.01 0.04 -3.86	0.36 -0.05 -4.79	0.99 0.06 -3.90	7.46 0.06 -2.49	19.25 0.14 -0.92	8.96 0.06 -2.30	2.95 0.00 -3.14	3.50 -0.01 -4.21	9.10 0.05 -2.43	22.65 0.18 -0.52	6.36 0.04 -3.30	2.66 0.00 -2.57	15.70 0.03 -0.55	13.29 0.03 -0.41
SYRACUSE__ENERGY_ST2 323598	16.92 -0.03 -2.44	14.14 -0.04 -1.60	11.15 -0.07 -1.46	3.12 0.00 -2.78	3.08 0.00 -2.75	4.06 0.00 -2.97	-0.08 0.00 -3.63	6.03 0.02 -2.66	1.51 -0.02 -3.34	4.39 0.00 -4.61	8.01 0.04 -3.86	0.36 -0.05 -4.79	0.99 0.06 -3.90	7.46 0.06 -2.49	19.25 0.14 -0.92	8.96 0.06 -2.30	2.95 0.00 -3.14	3.50 -0.01 -4.21	9.10 0.05 -2.43	22.65 0.18 -0.52	6.36 0.04 -3.30	2.66 0.00 -2.57	15.70 0.03 -0.55	13.29 0.03 -0.41
SYRACUSE__POWER 24017	17.05 0.01 -2.54	14.23 -0.01 -1.66	11.22 -0.05 -1.51	3.23 0.00 -2.88	3.18 0.00 -2.85	4.17 0.00 -3.08	0.05 -0.02 -3.76	6.14 0.02 -2.76	1.63 -0.02 -3.47	4.56 0.00 -4.79	8.16 0.05 -4.00	0.52 -0.06 -4.96	1.12 -0.04 -4.05	7.57 0.07 -2.58	19.35 0.21 -0.96	9.07 0.08 -2.38	3.06 0.00 -3.26	3.65 -0.01 -4.37	9.21 0.07 -2.53	22.72 0.23 -0.54	6.49 0.04 -3.42	2.75 0.00 -2.66	15.77 0.08 -0.58	13.34 0.07 -0.43
TRIGEN__CC 323695	54.51 1.35 -38.65	43.26 1.18 -29.51	29.22 0.89 -18.57	27.58 0.03 -27.20	38.66 0.03 -38.29	53.78 0.10 -52.59	50.56 -0.34 -54.60	48.58 0.33 -44.89	30.74 -0.17 -32.73	44.95 -0.01 -45.19	55.14 0.42 -50.60	60.63 -0.45 -65.46	53.89 -0.29 -57.07	52.52 0.52 -47.10	52.68 1.90 -32.59	42.35 0.70 -35.03	32.73 -0.01 -32.93	52.04 -0.07 -52.82	76.46 0.68 -69.18	67.80 2.22 -43.64	97.85 0.33 -94.49	60.60 0.01 -60.50	55.43 1.64 -38.68	36.42 1.34 -22.23
UNION__PROCESSING_DRP 323587	17.13 -0.39 -3.01	14.18 -0.37 -1.97	11.16 -0.39 -1.79	3.75 -0.02 -3.42	3.69 -0.02 -3.38	4.71 -0.04 -3.66	0.83 0.05 -4.46	6.55 -0.08 -3.28	2.30 0.00 -4.11	5.45 0.00 -5.68	8.82 -0.04 -4.74	1.52 0.02 -5.89	1.92 0.01 -4.80	7.98 0.01 -3.06	19.11 -0.21 -1.13	9.39 -0.04 -2.82	3.66 -0.01 -3.86	4.47 0.00 -5.18	9.47 -0.13 -3.00	22.20 -0.39 -0.64	7.05 -0.03 -4.06	3.24 -0.01 -3.16	15.49 -0.30 -0.68	13.10 -0.25 -0.51
UPPER HUDSON__HYD 24058	48.66 0.92 -33.23	35.12 0.77 -21.77	30.11 0.54 -19.81	38.14 0.02 -37.76	37.67 0.01 -37.32	41.59 0.06 -40.44	45.41 -0.25 -49.35	39.76 0.20 -36.21	43.50 -0.13 -45.44	62.50 -0.02 -62.74	56.86 0.32 -52.43	60.36 -0.33 -65.07	49.93 -0.22 -53.04	39.16 0.37 -33.89	32.09 1.37 -12.53	38.33 0.52 -31.19	42.51 -0.02 -42.72	56.50 -0.06 -57.27	40.27 0.55 -33.10	30.86 1.82 -7.08	48.11 0.25 -44.83	34.99 0.00 -34.89	23.66 1.02 -7.53	19.27 0.80 -5.63
UPPER RAQUET__HYD 24056	14.23 -0.28 0.00	12.12 -0.46 0.00	9.59 -0.18 0.00	0.35 0.00 0.00	0.34 0.00 0.00	1.07 -0.02 0.00	-3.55 0.14 0.00	3.21 -0.15 0.00	-1.69 0.12 0.00	-0.22 0.00 0.00	3.89 -0.22 0.00	-4.12 0.26 0.00	-2.73 0.16 0.00	4.61 -0.29 0.00	17.14 -1.04 0.00	6.24 -0.38 0.00	-0.18 0.01 0.00	-0.67 0.04 0.00	6.27 -0.34 0.00	20.82 -1.13 0.00	2.85 -0.18 0.00	0.09 0.00 0.00	14.29 -0.82 0.00	12.36 -0.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.52 0.67 -10.34	19.93 0.58 -6.77	16.34 0.42 -6.16	12.11 0.01 -11.75	11.96 0.02 -11.61	13.72 0.05 -12.58	11.48 -0.18 -15.35	14.79 0.17 -11.27	12.22 -0.10 -14.14	19.29 -0.01 -19.52	20.66 0.23 -16.31	15.61 -0.25 -20.24	13.45 -0.16 -16.50	15.73 0.28 -10.54	23.13 1.05 -3.90	16.70 0.38 -9.70	13.09 -0.01 -13.29	17.07 -0.04 -17.81	17.27 0.36 -10.30	25.35 1.20 -2.20	17.14 0.17 -13.95	10.95 0.01 -10.85	18.29 0.83 -2.34	15.28 0.68 -1.75
VISCHER__FERRY HYD 24020	47.74 0.96 -32.27	34.57 0.85 -21.14	29.63 0.64 -19.24	37.05 0.03 -36.67	36.60 0.02 -36.24	40.43 0.07 -39.27	43.98 -0.26 -47.93	38.73 0.21 -35.17	42.19 -0.13 -44.13	60.69 -0.02 -60.93	55.31 0.28 -50.91	58.50 -0.31 -63.19	48.41 -0.20 -51.51	38.16 0.35 -32.91	31.69 1.33 -12.17	37.40 0.50 -30.29	41.28 -0.03 -41.49	54.85 -0.06 -55.61	39.27 0.51 -32.15	30.54 1.71 -6.88	46.80 0.24 -43.54	33.99 0.01 -33.88	23.54 1.11 -7.31	19.21 0.90 -5.47
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.77 1.15 -23.11	28.71 0.99 -15.14	24.28 0.74 -13.78	26.64 0.02 -26.27	26.32 0.03 -25.96	29.30 0.08 -28.13	30.34 -0.30 -34.33	28.84 0.29 -25.19	29.64 -0.15 -31.61	43.40 -0.01 -43.64	40.94 0.35 -36.47	40.50 -0.39 -45.26	33.76 -0.25 -36.89	28.90 0.43 -23.57	28.51 1.61 -8.72	28.90 0.59 -21.70	29.52 -0.01 -29.72	39.07 -0.06 -39.84	30.24 0.60 -23.03	28.88 2.01 -4.93	34.49 0.28 -31.19	24.37 0.01 -24.27	21.77 1.41 -5.24	17.92 1.16 -3.92
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.73 1.29 -23.93	29.37 1.11 -15.68	24.87 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.52 -0.32 -35.54	29.76 0.33 -26.08	30.74 -0.17 -32.72	44.94 -0.02 -45.18	42.26 0.40 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.19	29.80 0.49 -24.40	29.04 1.84 -9.03	29.75 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.13 0.69 -23.84	29.34 2.29 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.11 1.57 -5.42	18.19 1.29 -4.06
WADING RIVER_IC_1 23522	54.75 1.58 -38.65	43.46 1.37 -29.51	29.37 1.04 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.12 -52.59	50.49 -0.41 -54.60	48.65 0.40 -44.89	30.71 -0.21 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.53 -0.55 -65.46	53.82 -0.36 -57.07	52.62 0.62 -47.10	53.03 2.26 -32.59	42.50 0.85 -35.03	32.72 -0.01 -32.93	52.02 -0.09 -52.82	76.61 0.82 -69.18	67.86 2.67 -43.25	97.93 0.42 -94.49	60.60 0.01 -60.50	55.80 2.01 -38.68	36.67 1.59 -22.23

WADING RIVER_IC_2 23547	54.75 1.58 -38.65	43.46 1.37 -29.51	29.37 1.04 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.12 -52.59	50.49 -0.41 -54.60	48.65 0.40 -44.89	30.71 -0.21 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.53 -0.55 -65.46	53.82 -0.36 -57.07	52.62 0.62 -47.10	53.03 2.26 -32.59	42.50 0.85 -35.03	32.72 -0.01 -32.93	52.02 -0.09 -52.82	76.61 0.82 -69.18	67.86 2.67 -43.25	97.93 0.42 -94.49	60.60 0.01 -60.50	55.80 2.01 -38.68	36.67 1.59 -22.23
WADING RIVER_IC_3 23601	54.75 1.58 -38.65	43.46 1.37 -29.51	29.37 1.04 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.12 -52.59	50.49 -0.41 -54.60	48.65 0.40 -44.89	30.71 -0.21 -32.73	44.95 -0.02 -45.19	55.22 0.50 -50.60	60.53 -0.55 -65.46	53.82 -0.36 -57.07	52.62 0.62 -47.10	53.03 2.26 -32.59	42.50 0.85 -35.03	32.72 -0.01 -32.93	52.02 -0.09 -52.82	76.61 0.82 -69.18	67.86 2.67 -43.25	97.93 0.42 -94.49	60.60 0.01 -60.50	55.80 2.01 -38.68	36.67 1.59 -22.23
WALDEN___HYDRO 24148	39.27 1.09 -23.66	29.01 0.93 -15.50	24.56 0.70 -14.11	27.27 0.02 -26.89	26.94 0.03 -26.57	29.97 0.08 -28.80	31.17 -0.28 -35.14	29.42 0.28 -25.79	30.40 -0.15 -32.36	44.45 -0.01 -44.68	41.79 0.34 -37.33	41.60 -0.37 -46.34	34.65 -0.24 -37.77	29.44 0.40 -24.13	28.59 1.48 -8.93	29.39 0.56 -22.21	30.23 0.00 -30.43	40.01 -0.06 -40.78	30.77 0.58 -23.58	28.92 1.93 -5.04	35.22 0.27 -31.93	24.95 0.01 -24.85	21.82 1.34 -5.36	17.95 1.10 -4.01
WARRENSBURG____ 23737	48.66 0.92 -33.23	35.12 0.77 -21.77	30.11 0.54 -19.81	38.14 0.02 -37.76	37.67 0.01 -37.32	41.59 0.06 -40.44	45.41 -0.25 -49.35	39.76 0.20 -36.21	43.50 -0.13 -45.44	62.50 -0.02 -62.74	56.86 0.32 -52.43	60.36 -0.33 -65.07	49.93 -0.22 -53.04	39.16 0.37 -33.89	32.09 1.37 -12.53	38.33 0.52 -31.19	42.51 -0.02 -42.72	56.50 -0.06 -57.27	40.27 0.55 -33.10	30.86 1.82 -7.08	48.11 0.25 -44.83	34.99 0.00 -34.89	23.66 1.02 -7.53	19.27 0.80 -5.63
WATERSIDE___6 8 9 23538	39.71 1.27 -23.93	29.36 1.10 -15.68	24.86 0.84 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.30 0.09 -29.12	31.53 -0.33 -35.54	29.77 0.33 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.05 -0.43 -46.86	35.03 -0.28 -38.20	29.80 0.49 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.14 0.69 -23.84	29.34 2.30 -5.10	35.62 0.31 -32.29	25.23 0.01 -25.13	22.11 1.58 -5.43	18.21 1.31 -4.06
WDELAWARE___HYD 323627	37.35 1.11 -21.73	27.76 0.95 -14.24	23.42 0.71 -12.95	25.07 0.02 -24.69	24.77 0.03 -24.40	27.61 0.08 -26.44	28.26 -0.32 -32.27	27.35 0.32 -23.68	27.74 -0.16 -29.72	40.79 -0.01 -41.03	38.76 0.36 -34.28	37.79 -0.38 -42.55	31.55 -0.24 -34.68	27.48 0.41 -22.16	27.55 1.17 -8.20	27.44 0.43 -20.40	27.75 0.00 -27.94	36.68 -0.06 -37.45	28.62 0.36 -21.65	27.78 1.20 -4.63	32.51 0.17 -29.32	22.95 0.04 -22.82	21.20 1.16 -4.93	17.48 0.95 -3.68
WEST BABYLON___IC 23714	54.72 1.55 -38.65	43.43 1.34 -29.51	29.35 1.02 -18.57	27.58 0.03 -27.20	38.66 0.04 -38.29	53.79 0.11 -52.59	50.51 -0.40 -54.60	48.63 0.39 -44.89	30.71 -0.20 -32.73	44.95 -0.02 -45.19	55.21 0.49 -50.60	60.54 -0.53 -65.46	53.83 -0.35 -57.07	52.61 0.60 -47.10	52.99 2.21 -32.59	42.48 0.83 -35.03	32.72 -0.02 -32.93	52.03 -0.08 -52.82	76.58 0.79 -69.18	67.93 2.58 -43.40	97.92 0.40 -94.49	60.60 0.01 -60.50	55.74 1.95 -38.68	36.64 1.56 -22.23
WEST CANADA___HYD 24049	13.99 0.07 0.60	12.25 0.07 0.39	9.44 0.04 0.36	-0.33 0.00 0.68	-0.33 0.00 0.67	0.37 0.01 0.73	-4.60 -0.03 0.89	2.73 0.03 0.65	-2.65 -0.02 0.82	-1.36 0.00 1.13	3.21 0.04 0.94	-5.59 -0.04 1.17	-3.87 -0.03 0.95	4.34 0.04 0.61	18.13 0.17 0.23	6.11 0.06 0.56	-0.96 0.00 0.77	-1.74 -0.01 1.03	6.08 0.07 0.60	22.03 0.21 0.13	2.25 0.03 0.81	-0.53 0.00 0.63	15.10 0.12 0.14	12.84 0.10 0.10
WESTERN_NY_WIND 24143	17.50 -0.52 -3.51	14.37 -0.51 -2.30	11.30 -0.55 -2.09	4.31 -0.03 -3.99	4.25 -0.03 -3.94	5.31 -0.05 -4.27	1.59 0.06 -5.22	7.10 -0.09 -3.83	3.00 0.01 -4.80	6.43 0.02 -6.63	9.59 -0.06 -5.54	2.53 0.04 -6.87	2.74 0.03 -5.60	8.49 0.01 -3.58	19.15 -0.36 -1.32	9.83 -0.07 -3.30	4.30 -0.02 -4.51	5.34 0.00 -6.05	9.92 -0.18 -3.50	22.16 -0.54 -0.75	7.73 -0.03 -4.74	3.77 -0.01 -3.69	15.50 -0.41 -0.80	13.11 -0.32 -0.59
WESTOVER___LESR 323668	22.42 0.14 -7.76	17.79 0.13 -5.09	14.43 0.04 -4.63	9.18 0.00 -8.82	9.06 0.01 -8.72	10.54 0.01 -9.45	7.79 -0.05 -11.53	11.88 0.06 -8.46	8.77 -0.04 -10.62	14.45 0.01 -14.66	16.47 0.10 -12.25	10.71 -0.12 -15.21	9.45 -0.06 -12.39	12.96 0.13 -7.92	21.59 0.48 -2.93	14.07 0.17 -7.29	9.79 0.00 -9.99	12.66 -0.01 -13.38	14.49 0.15 -7.74	24.14 0.53 -1.66	13.60 0.10 -10.48	8.24 0.00 -8.15	17.19 0.32 -1.76	14.43 0.26 -1.32
WETHRSFD_WT_PWR 323626	18.40 -0.69 -4.57	14.93 -0.64 -3.00	11.84 -0.64 -2.73	5.52 -0.03 -5.20	5.44 -0.03 -5.14	6.59 -0.07 -5.57	3.26 0.16 -6.79	8.17 -0.17 -4.98	4.51 0.07 -6.25	8.46 0.05 -8.64	11.15 -0.18 -7.21	4.74 0.16 -8.95	4.54 0.12 -7.30	9.42 -0.15 -4.66	19.11 -0.80 -1.72	10.65 -0.25 -4.29	5.68 -0.01 -5.88	7.20 0.02 -7.88	10.85 -0.32 -4.56	22.00 -0.92 -0.97	9.11 -0.08 -6.17	4.88 -0.01 -4.80	15.61 -0.54 -1.04	13.14 -0.48 -0.78
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.75 1.14 -23.11	28.69 0.97 -15.14	24.26 0.73 -13.78	26.63 0.02 -26.26	26.31 0.02 -25.95	29.29 0.08 -28.12	30.34 -0.29 -34.32	28.83 0.29 -25.18	29.64 -0.15 -31.60	43.40 -0.01 -43.63	40.93 0.35 -36.46	40.49 -0.38 -45.25	33.75 -0.24 -36.89	28.90 0.42 -23.56	28.48 1.58 -8.72	28.89 0.59 -21.69	29.51 -0.01 -29.71	39.06 -0.06 -39.83	30.23 0.60 -23.02	28.85 1.98 -4.93	34.48 0.28 -31.18	24.37 0.01 -24.27	21.75 1.40 -5.24	17.91 1.15 -3.92
YORK___WARBASSE 23770	39.74 1.30 -23.93	29.38 1.12 -15.68	24.88 0.85 -14.26	27.57 0.03 -27.19	27.24 0.03 -26.87	30.31 0.09 -29.12	31.52 -0.33 -35.54	29.77 0.34 -26.08	30.74 -0.17 -32.72	44.95 -0.01 -45.19	42.27 0.40 -37.75	42.04 -0.44 -46.86	35.02 -0.29 -38.20	29.81 0.50 -24.40	29.06 1.85 -9.03	29.76 0.68 -22.46	30.57 0.00 -30.77	40.47 -0.07 -41.24	31.15 0.69 -23.84	29.38 2.32 -5.10	35.63 0.32 -32.29	25.23 0.01 -25.13	22.16 1.62 -5.43	18.24 1.33 -4.06