

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/12/2017

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.04	27.95	26.46	23.18	23.36	24.33	27.85	39.66	41.07	42.72	45.75	46.72	48.56	51.18	53.28	61.54	69.33	63.70	50.68	47.19	46.29	45.15	42.81	40.04
24138	2.55	2.36	2.21	1.96	1.99	2.17	2.39	2.86	2.95	3.28	3.75	4.07	4.43	5.05	5.31	5.32	5.07	5.10	4.72	4.44	4.05	3.69	2.99	2.61
	-8.00	-7.31	-6.96	-5.83	-5.85	-5.04	-6.77	-14.82	-15.28	-14.42	-13.56	-11.53	-10.81	-8.43	-9.54	-17.06	-27.23	-21.13	-11.79	-11.03	-13.10	-14.91	-18.28	-18.21
74TH STREET_GT_1	30.45	28.36	26.87	23.42	23.61	24.63	28.16	40.69	42.13	43.72	46.70	47.50	49.30	51.75	53.47	61.69	69.54	63.88	50.84	47.57	46.66	45.90	43.69	41.07
24260	2.59	2.39	2.23	1.97	2.00	2.19	2.39	2.88	2.97	3.30	3.78	4.07	4.43	5.05	5.31	5.32	5.04	5.10	4.75	4.47	4.08	3.74	3.02	2.65
	-8.37	-7.69	-7.35	-6.05	-6.09	-5.32	-7.08	-15.83	-16.32	-15.40	-14.48	-12.32	-11.54	-9.00	-9.73	-17.21	-27.48	-21.31	-11.92	-11.39	-13.44	-15.60	-19.14	-19.19
74TH STREET_GT_2	30.45	28.36	26.87	23.42	23.61	24.63	28.16	40.69	42.13	43.72	46.70	47.50	49.30	51.75	53.47	61.69	69.54	63.88	50.84	47.57	46.66	45.90	43.69	41.07
24261	2.59	2.39	2.23	1.97	2.00	2.19	2.39	2.88	2.97	3.30	3.78	4.07	4.43	5.05	5.31	5.32	5.04	5.10	4.75	4.47	4.08	3.74	3.02	2.65
	-8.37	-7.69	-7.35	-6.05	-6.09	-5.32	-7.08	-15.83	-16.32	-15.40	-14.48	-12.32	-11.54	-9.00	-9.73	-17.21	-27.48	-21.31	-11.92	-11.39	-13.44	-15.60	-19.14	-19.19
ADK HUDSON___FALLS	23.80	21.45	19.70	19.47	19.38	19.03	22.51	22.99	23.89	26.17	29.86	32.66	34.85	39.51	41.10	42.72	41.24	41.21	36.87	33.75	31.26	28.21	22.99	25.14
24011	0.94	0.84	0.74	0.66	0.68	0.77	0.95	1.01	1.05	1.15	1.42	1.55	1.53	1.81	1.92	1.92	1.78	1.84	1.67	1.43	1.28	1.17	1.01	0.98
	-3.38	-2.33	-1.68	-3.41	-3.17	-1.14	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	-1.65	-2.43	-1.91	-1.02	-0.60	-0.83	-0.49	-0.44	-4.94
ADK RESOURCE___RCVRY	23.95	21.61	19.86	19.61	19.51	19.19	22.67	23.19	24.09	26.40	30.14	32.94	35.19	39.88	41.63	43.43	42.12	42.02	37.48	34.23	31.76	28.59	23.35	25.31
23798	1.11	1.02	0.92	0.83	0.84	0.94	1.14	1.21	1.26	1.38	1.71	1.84	1.86	2.19	2.31	2.31	2.11	2.21	2.05	1.77	1.60	1.43	1.23	1.19
	-3.35	-2.31	-1.66	-3.38	-3.14	-1.14	-2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-1.97	-2.98	-2.34	-1.25	-0.74	-1.02	-0.60	-0.59	-4.90
ADK S GLENS___FALLS	23.80	21.45	19.70	19.47	19.38	19.03	22.51	22.99	23.89	26.17	29.86	32.66	34.85	39.51	41.10	42.72	41.24	41.21	36.87	33.75	31.26	28.21	22.99	25.14
24028	0.94	0.84	0.74	0.66	0.68	0.77	0.95	1.01	1.05	1.15	1.42	1.55	1.53	1.81	1.92	1.92	1.78	1.84	1.67	1.43	1.28	1.17	1.01	0.98
	-3.38	-2.33	-1.68	-3.41	-3.17	-1.14	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	-1.65	-2.43	-1.91	-1.02	-0.60	-0.83	-0.49	-0.44	-4.94
ADK_NYS___DAM	24.09	21.77	20.06	19.75	19.67	19.40	22.79	23.43	24.25	26.52	30.23	33.04	35.35	40.04	41.71	43.36	42.08	42.06	37.60	34.44	31.94	28.76	23.40	25.32
23527	1.31	1.22	1.14	1.03	1.06	1.16	1.31	1.45	1.42	1.50	1.79	1.93	2.03	2.34	2.50	2.47	2.26	2.40	2.25	2.03	1.84	1.65	1.36	1.29
	-3.29	-2.27	-1.63	-3.32	-3.09	-1.12	-2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.78	-1.73	-2.79	-2.19	-1.17	-0.69	-0.95	-0.56	-0.51	-4.81
AIR_PRODUCTS___DRP	23.55	21.26	19.60	19.30	19.21	18.92	22.21	22.84	23.59	25.75	29.35	32.10	34.32	38.90	39.78	40.44	38.21	38.63	35.30	32.73	30.08	27.40	22.09	24.62
24190	0.82	0.75	0.71	0.63	0.64	0.70	0.77	0.86	0.75	0.73	0.91	1.00	1.00	1.21	1.34	1.29	1.18	1.16	1.13	1.01	0.93	0.85	0.69	0.65
	-3.25	-2.23	-1.61	-3.28	-3.05	-1.10	-2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	-4.75
ALBANY___1	23.55	21.26	19.60	19.30	19.21	18.92	22.21	22.84	23.59	25.75	29.35	32.10	34.32	38.90	39.78	40.44	38.21	38.63	35.30	32.73	30.08	27.40	22.09	24.62
23571	0.82	0.75	0.71	0.63	0.64	0.70	0.77	0.86	0.75	0.73	0.91	1.00	1.00	1.21	1.34	1.29	1.18	1.16	1.13	1.01	0.93	0.85	0.69	0.65
	-3.25	-2.23	-1.61	-3.28	-3.05	-1.10	-2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	-4.75
ALBANY___2	23.55	21.26	19.60	19.30	19.21	18.92	22.21	22.84	23.59	25.75	29.35	32.10	34.32	38.90	39.78	40.44	38.21	38.63	35.30	32.73	30.08	27.40	22.09	24.62
23572	0.82	0.75	0.71	0.63	0.64	0.70	0.77	0.86	0.75	0.73	0.91	1.00	1.00	1.21	1.34	1.29	1.18	1.16	1.13	1.01	0.93	0.85	0.69	0.65
	-3.25	-2.23	-1.61	-3.28	-3.05	-1.10	-2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	-4.75
ALBANY___3	23.55	21.26	19.60	19.30	19.21	18.92	22.21	22.84	23.59	25.75	29.35	32.10	34.32	38.90	39.78	40.44	38.21	38.63	35.30	32.73	30.08	27.40	22.09	24.62
23573	0.82	0.75	0.71	0.63	0.64	0.70	0.77	0.86	0.75	0.73	0.91	1.00	1.00	1.21	1.34	1.29	1.18	1.16	1.13	1.01	0.93	0.85	0.69	0.65
	-3.25	-2.23	-1.61	-3.28	-3.05	-1.10	-2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	-4.75
ALBANY___4	23.55	21.26	19.60	19.30	19.21	18.92	22.21	22.84	23.59	25.75	29.35	32.10	34.32	38.90	39.78	40.44	38.21	38.63	35.30	32.73	30.08	27.40	22.09	24.62
23574	0.82	0.75	0.71	0.63	0.64	0.70	0.77	0.86	0.75	0.73	0.91	1.00	1.00	1.21	1.34	1.29	1.18	1.16	1.13	1.01	0.93	0.85	0.69	0.65
	-3.25	-2.23	-1.61	-3.28	-3.05	-1.10	-2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	-4.75

ALBANY___LFGE 323615	23.85 1.05 -3.30	21.52 0.97 -2.28	19.82 0.90 -1.64	19.52 0.78 -3.34	19.43 0.81 -3.10	19.13 0.89 -1.12	22.50 1.01 -2.81	23.10 1.12 0.00	23.86 1.03 0.00	26.07 1.05 0.00	29.72 1.28 0.00	32.54 1.43 0.00	34.79 1.46 0.00	39.43 1.74 0.00	40.53 1.84 -0.25	41.54 1.84 -0.55	39.61 1.70 -0.88	39.85 1.69 -0.69	36.11 1.57 -0.37	33.32 1.39 -0.22	30.73 1.28 -0.30	27.90 1.17 -0.18	22.53 0.95 -0.05	24.96 0.90 -4.83
ALCOA_RYNLDS___DRP 24188	18.50 -0.95 0.04	17.48 -0.80 0.00	16.52 -0.76 0.00	14.73 -0.66 0.00	14.81 -0.71 0.00	16.36 -0.75 0.00	17.86 -0.82 0.00	20.93 -1.05 0.00	21.85 -0.98 0.00	23.92 -1.10 0.00	27.07 -1.36 0.00	29.74 -1.37 0.00	31.66 -1.67 0.00	35.81 -1.88 0.00	36.51 -1.92 0.00	37.31 -1.84 0.00	35.18 -1.85 0.00	35.71 -1.76 0.00	32.53 -1.64 0.00	30.16 -1.55 0.00	27.78 -1.37 0.00	25.25 -1.30 0.00	20.50 -1.03 0.00	18.30 -0.92 0.00
ALCOA___DSASP 323711	18.50 -0.95 0.04	17.48 -0.80 0.00	16.52 -0.76 0.00	14.73 -0.66 0.00	14.81 -0.71 0.00	16.36 -0.75 0.00	17.86 -0.82 0.00	20.93 -1.05 0.00	21.85 -0.98 0.00	23.92 -1.10 0.00	27.07 -1.36 0.00	29.74 -1.37 0.00	31.66 -1.67 0.00	35.81 -1.88 0.00	36.51 -1.92 0.00	37.31 -1.84 0.00	35.18 -1.85 0.00	35.71 -1.76 0.00	32.53 -1.64 0.00	30.16 -1.55 0.00	27.78 -1.37 0.00	25.25 -1.30 0.00	20.50 -1.03 0.00	18.30 -0.92 0.00
ALLEGHENY___COGEN 23514	21.06 0.76 -0.81	19.35 0.55 -0.52	18.00 0.50 -0.22	16.23 0.40 -0.44	16.38 0.45 -0.40	17.72 0.46 -0.15	19.79 0.58 -0.53	26.39 1.14 -3.26	28.73 1.28 -4.62	31.84 1.60 -5.21	35.74 0.51 -6.79	37.19 -1.99 -8.07	42.78 -1.57 -11.03	48.96 -2.07 -13.34	49.77 -2.38 -13.72	49.52 -2.11 -12.49	47.11 -1.78 -11.86	44.48 -1.87 -8.88	38.56 -1.78 -6.17	36.82 0.95 -4.16	32.70 0.79 -2.77	31.02 1.83 -2.63	24.12 1.12 -1.47	20.65 0.58 -0.85
ALTONA_WT_PWR 323606	18.79 -0.66 0.04	17.80 -0.48 0.00	16.85 -0.43 0.00	15.04 -0.35 0.00	15.14 -0.39 0.00	16.74 -0.38 0.00	18.29 -0.39 0.00	21.43 -0.55 0.00	22.35 -0.48 0.00	24.47 -0.55 0.00	27.75 -0.68 0.00	30.43 -0.68 0.00	32.35 -0.97 0.00	36.68 -1.02 0.00	37.40 -1.04 0.00	38.21 -0.94 0.00	36.03 -1.00 0.00	36.50 -0.97 0.00	33.28 -0.89 0.00	30.79 -0.92 0.00	28.36 -0.79 0.00	25.76 -0.80 0.00	20.87 -0.67 0.00	18.61 -0.62 0.00
AMERICAN_REF_FUEL 24010	21.53 -0.41 -2.45	19.24 -0.57 -1.52	17.07 -0.45 -0.23	15.36 -0.43 -0.40	15.47 -0.42 -0.37	16.72 -0.53 -0.13	19.20 -0.71 -1.23	30.19 -0.50 -8.71	34.63 -0.55 -12.34	38.64 -0.30 -13.91	45.66 -0.91 -18.13	51.50 -1.15 -21.54	62.33 -0.43 -29.45	72.25 -1.06 -35.61	73.77 -1.31 -36.64	71.44 -1.06 -33.34	67.93 -0.78 -31.68	60.31 -0.86 -23.70	51.99 -0.72 -18.53	43.73 -0.47 -12.49	36.82 -0.64 -8.31	34.11 -0.35 -7.90	25.17 -0.56 -4.19	20.14 -0.85 -1.77
ARTHUR_KILL_GT_1 23520	30.23 2.53 -8.20	28.08 2.28 -7.52	26.55 2.09 -7.18	23.18 1.83 -5.95	23.35 1.85 -5.98	24.33 2.02 -5.19	27.87 2.24 -6.94	40.09 2.77 -15.34	41.55 2.90 -15.82	46.31 3.13 -18.16	46.52 3.61 -14.47	47.31 3.89 -12.31	49.05 4.20 -11.54	51.44 4.75 -8.99	53.12 4.96 -9.72	56.58 5.01 -12.42	56.97 4.78 -15.16	57.75 4.87 -15.41	50.63 4.55 -11.91	47.40 4.31 -11.38	46.57 3.99 -13.43	46.52 3.69 -16.28	46.52 2.95 -22.03	44.99 2.65 -23.12
ARTHUR_KILL_2 23512	30.23 2.53 -8.20	28.08 2.28 -7.52	26.55 2.09 -7.18	23.18 1.83 -5.95	23.35 1.85 -5.98	24.33 2.02 -5.19	27.87 2.24 -6.94	40.09 2.77 -15.34	41.55 2.90 -15.82	46.31 3.13 -18.16	46.52 3.61 -14.47	47.31 3.89 -12.31	49.05 4.20 -11.54	51.44 4.75 -8.99	53.12 4.96 -9.72	56.58 5.01 -12.42	56.97 4.78 -15.16	57.75 4.87 -15.41	50.63 4.55 -11.91	47.40 4.31 -11.38	46.57 3.99 -13.43	46.52 3.69 -16.28	46.52 2.95 -22.03	44.99 2.65 -23.12
ARTHUR_KILL_3 23513	30.18 2.50 -8.19	28.13 2.34 -7.51	26.64 2.20 -7.17	23.28 1.94 -5.95	23.47 1.97 -5.97	24.46 2.16 -5.18	27.97 2.35 -6.93	40.10 2.77 -15.35	41.49 2.83 -15.83	46.34 3.15 -18.17	46.09 3.61 -14.04	46.94 3.89 -11.94	48.74 4.23 -11.19	51.25 4.83 -8.73	53.07 4.99 -9.64	56.48 4.97 -12.35	56.82 4.74 -15.05	57.57 4.76 -15.34	50.58 4.55 -11.86	47.21 4.28 -11.22	46.35 3.93 -13.27	46.09 3.58 -15.95	46.06 2.91 -21.61	44.87 2.54 -23.11
ASHOKAN____ 23654	24.56 2.32 -2.75	22.33 2.16 -1.89	20.53 1.88 -1.36	19.82 1.65 -2.78	19.73 1.63 -2.58	19.74 1.69 -0.93	22.98 1.96 -2.33	24.14 2.16 0.00	25.01 2.17 0.00	27.37 2.35 0.00	31.37 2.93 0.00	34.62 3.51 0.00	37.28 3.96 0.00	42.49 4.79 0.00	47.11 5.31 -3.37	51.98 5.36 -7.46	54.06 5.18 -11.85	51.97 5.21 -9.29	43.73 4.58 -4.98	38.84 4.19 -2.95	36.86 3.67 -4.04	32.29 3.35 -2.39	27.25 2.58 -3.13	25.49 2.25 -4.02
ASTORIA_EAST_ENERGY_CC1 323581	30.29 2.61 -8.19	28.16 2.38 -7.50	26.67 2.21 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.22 2.90 -15.34	41.60 2.95 -15.82	43.12 3.18 -14.92	46.58 3.67 -14.47	47.31 3.89 -12.31	48.99 4.13 -11.54	51.33 4.64 -8.99	53.00 4.84 -9.72	61.17 4.81 -17.20	69.10 4.59 -27.48	63.50 4.72 -21.31	50.67 4.58 -11.92	47.31 4.22 -11.38	46.45 3.88 -13.43	45.87 3.72 -15.60	43.58 2.91 -19.14	40.59 2.65 -18.71
ASTORIA_EAST_ENERGY_CC2 323582	30.29 2.61 -8.19	28.16 2.38 -7.50	26.67 2.21 -7.17	23.30 1.96 -5.95	23.48 1.97 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.22 2.90 -15.34	41.60 2.95 -15.82	43.12 3.18 -14.92	46.58 3.67 -14.47	47.31 3.89 -12.31	48.99 4.13 -11.54	51.33 4.64 -8.99	53.00 4.84 -9.72	61.17 4.81 -17.20	69.10 4.59 -27.48	63.50 4.72 -21.31	50.67 4.58 -11.92	47.31 4.22 -11.38	46.45 3.88 -13.43	45.87 3.72 -15.60	43.58 2.91 -19.14	40.59 2.65 -18.71
ASTORIA_GT2_1 24094	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT2_2 24095	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT2_3 24096	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71

ASTORIA_GT2_4 24097	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT3_1 24098	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT3_2 24099	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT3_3 24100	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT3_4 24101	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT4_1 24102	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT4_2 24103	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT4_3 24104	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT4_4 24105	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT_1 23523	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT_10 24110	30.45 2.59 -8.37	28.34 2.38 -7.69	26.83 2.20 -7.35	23.29 1.94 -5.95	23.48 1.97 -5.98	24.59 2.16 -5.32	28.14 2.37 -7.08	40.69 2.88 -15.83	42.11 2.95 -16.32	43.62 3.20 -15.40	46.58 3.67 -14.47	47.35 3.92 -12.32	49.06 4.20 -11.54	51.41 4.71 -9.00	53.13 4.96 -9.73	61.34 4.97 -17.21	69.25 4.74 -27.48	63.58 4.80 -21.31	50.57 4.48 -11.92	47.38 4.28 -11.39	46.55 3.96 -13.44	45.82 3.67 -15.60	43.63 2.95 -19.14	41.07 2.65 -19.19
ASTORIA_GT_11 24225	30.45 2.59 -8.37	28.34 2.38 -7.69	26.83 2.20 -7.35	23.29 1.94 -5.95	23.48 1.97 -5.98	24.59 2.16 -5.32	28.14 2.37 -7.08	40.69 2.88 -15.83	42.11 2.95 -16.32	43.62 3.20 -15.40	46.58 3.67 -14.47	47.35 3.92 -12.32	49.06 4.20 -11.54	51.41 4.71 -9.00	53.13 4.96 -9.73	61.34 4.97 -17.21	69.25 4.74 -27.48	63.58 4.80 -21.31	50.57 4.48 -11.92	47.38 4.28 -11.39	46.55 3.96 -13.44	45.82 3.67 -15.60	43.63 2.95 -19.14	41.07 2.65 -19.19
ASTORIA_GT_12 24226	30.45 2.59 -8.37	28.34 2.38 -7.69	26.83 2.20 -7.35	23.29 1.94 -5.95	23.48 1.97 -5.98	24.59 2.16 -5.32	28.14 2.37 -7.08	40.69 2.88 -15.83	42.11 2.95 -16.32	43.62 3.20 -15.40	46.58 3.67 -14.47	47.35 3.92 -12.32	49.06 4.20 -11.54	51.41 4.71 -9.00	53.13 4.96 -9.73	61.34 4.97 -17.21	69.25 4.74 -27.48	63.58 4.80 -21.31	50.57 4.48 -11.92	47.38 4.28 -11.39	46.55 3.96 -13.44	45.82 3.67 -15.60	43.63 2.95 -19.14	41.07 2.65 -19.19
ASTORIA_GT_13 24227	30.45 2.59 -8.37	28.34 2.38 -7.69	26.83 2.20 -7.35	23.29 1.94 -5.95	23.48 1.97 -5.98	24.59 2.16 -5.32	28.14 2.37 -7.08	40.69 2.88 -15.83	42.11 2.95 -16.32	43.62 3.20 -15.40	46.58 3.67 -14.47	47.35 3.92 -12.32	49.06 4.20 -11.54	51.41 4.71 -9.00	53.13 4.96 -9.73	61.34 4.97 -17.21	69.25 4.74 -27.48	63.58 4.80 -21.31	50.57 4.48 -11.92	47.38 4.28 -11.39	46.55 3.96 -13.44	45.82 3.67 -15.60	43.63 2.95 -19.14	41.07 2.65 -19.19
ASTORIA_GT_5 24106	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71

ASTORIA_GT_7 24107	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA_GT_8 24108	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA___2 24149	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA___3 23516	30.45 2.59 -8.37	28.34 2.38 -7.69	26.83 2.20 -7.35	23.29 1.94 -5.95	23.48 1.97 -5.98	24.59 2.16 -5.32	28.14 2.37 -7.08	40.69 2.88 -15.83	42.11 2.95 -16.32	43.62 3.20 -15.40	46.58 3.67 -14.47	47.35 3.92 -12.32	49.06 4.20 -11.54	51.41 4.71 -9.00	53.13 4.96 -9.73	61.34 4.97 -17.21	69.25 4.74 -27.48	63.58 4.80 -21.31	50.57 4.48 -11.92	47.38 4.28 -11.39	46.55 3.96 -13.44	45.82 3.67 -15.60	43.63 2.95 -19.14	41.07 2.65 -19.19
ASTORIA___4 23517	30.29 2.61 -8.19	28.17 2.39 -7.50	26.69 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.98	24.47 2.17 -5.18	28.00 2.39 -6.92	40.24 2.92 -15.34	41.62 2.97 -15.82	43.15 3.20 -14.92	46.60 3.70 -14.47	47.34 3.92 -12.31	49.02 4.16 -11.54	51.36 4.67 -8.99	53.04 4.88 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.70 4.61 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.90 3.74 -15.60	43.61 2.93 -19.14	40.59 2.65 -18.71
ASTORIA___5 23518	30.45 2.59 -8.37	28.34 2.38 -7.69	26.83 2.20 -7.35	23.29 1.94 -5.95	23.48 1.97 -5.98	24.59 2.16 -5.32	28.14 2.37 -7.08	40.69 2.88 -15.83	42.11 2.95 -16.32	43.62 3.20 -15.40	46.58 3.67 -14.47	47.35 3.92 -12.32	49.06 4.20 -11.54	51.41 4.71 -9.00	53.13 4.96 -9.73	61.34 4.97 -17.21	69.25 4.74 -27.48	63.58 4.80 -21.31	50.57 4.48 -11.92	47.38 4.28 -11.39	46.55 3.96 -13.44	45.82 3.67 -15.60	43.63 2.95 -19.14	41.07 2.65 -19.19
AST_ENERGY_2_CC3 323677	30.22 2.53 -8.19	28.15 2.36 -7.51	26.66 2.21 -7.17	23.30 1.96 -5.94	23.49 1.99 -5.97	24.47 2.17 -5.18	27.99 2.37 -6.93	40.12 2.79 -15.35	41.54 2.88 -15.83	43.15 3.20 -14.93	46.15 3.67 -14.04	47.03 3.98 -11.94	48.84 4.33 -11.19	51.36 4.94 -8.73	53.23 5.15 -9.64	61.46 5.17 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.46 3.64 -15.27	43.22 2.95 -18.73	40.52 2.58 -18.72
AST_ENERGY_2_CC4 323678	30.22 2.53 -8.19	28.15 2.36 -7.51	26.66 2.21 -7.17	23.30 1.96 -5.94	23.49 1.99 -5.97	24.47 2.17 -5.18	27.99 2.37 -6.93	40.12 2.79 -15.35	41.54 2.88 -15.83	43.15 3.20 -14.93	46.15 3.67 -14.04	47.03 3.98 -11.94	48.84 4.33 -11.19	51.36 4.94 -8.73	53.23 5.15 -9.64	61.46 5.17 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.46 3.64 -15.27	43.22 2.95 -18.73	40.52 2.58 -18.72
ATHENS_STG_1 23668	23.73 1.42 -2.82	21.55 1.33 -1.94	19.94 1.26 -1.40	19.37 1.12 -2.85	19.30 1.13 -2.65	19.32 1.25 -0.96	22.43 1.35 -2.39	23.57 1.58 0.00	24.39 1.55 0.00	26.70 1.68 0.00	30.37 1.93 0.00	33.19 2.08 0.00	35.55 2.23 0.00	40.22 2.53 0.00	38.14 2.69 2.99	35.21 2.66 6.61	29.06 2.52 10.49	31.79 2.55 8.23	32.15 2.39 4.41	31.39 2.28 2.61	27.64 2.07 3.58	26.32 1.89 2.12	22.48 1.55 0.61	24.71 1.36 -4.12
ATHENS_STG_2 23670	23.73 1.42 -2.82	21.55 1.33 -1.94	19.94 1.26 -1.40	19.37 1.12 -2.85	19.30 1.13 -2.65	19.32 1.25 -0.96	22.43 1.35 -2.39	23.57 1.58 0.00	24.39 1.55 0.00	26.70 1.68 0.00	30.37 1.93 0.00	33.19 2.08 0.00	35.55 2.23 0.00	40.22 2.53 0.00	38.14 2.69 2.99	35.21 2.66 6.61	29.06 2.52 10.49	31.79 2.55 8.23	32.15 2.39 4.41	31.39 2.28 2.61	27.64 2.07 3.58	26.32 1.89 2.12	22.48 1.55 0.61	24.71 1.36 -4.12
ATHENS_STG_3 23677	23.73 1.42 -2.82	21.55 1.33 -1.94	19.94 1.26 -1.40	19.37 1.12 -2.85	19.30 1.13 -2.65	19.32 1.25 -0.96	22.43 1.35 -2.39	23.57 1.58 0.00	24.39 1.55 0.00	26.70 1.68 0.00	30.37 1.93 0.00	33.19 2.08 0.00	35.55 2.23 0.00	40.22 2.53 0.00	38.14 2.69 2.99	35.21 2.66 6.61	29.06 2.52 10.49	31.79 2.55 8.23	32.15 2.39 4.41	31.39 2.28 2.61	27.64 2.07 3.58	26.32 1.89 2.12	22.48 1.55 0.61	24.71 1.36 -4.12
AUBURN___LFGE 323710	20.24 0.45 -0.31	18.84 0.35 -0.21	17.75 0.31 -0.15	15.96 0.26 -0.31	16.11 0.29 -0.29	17.53 0.31 -0.10	19.32 0.37 -0.26	22.62 0.64 0.00	23.57 0.73 0.00	25.85 0.82 0.00	29.32 0.88 0.00	32.08 0.97 0.00	34.65 1.33 0.00	39.21 1.51 0.00	39.97 1.54 0.00	40.76 1.61 0.00	38.58 1.55 0.00	39.04 1.57 0.00	35.50 1.33 0.00	32.85 1.14 0.00	30.17 1.02 0.00	27.48 0.93 0.00	22.26 0.65 -0.07	20.13 0.46 -0.45
BABYLON_RES_REC 323704	32.13 3.10 -9.54	29.23 2.85 -8.10	27.78 2.66 -7.84	22.64 2.34 -4.91	22.63 2.38 -4.73	23.59 2.60 -3.87	26.25 2.88 -4.69	30.95 3.41 -5.56	39.32 3.52 -12.97	39.65 3.63 -11.00	42.53 3.98 -10.11	47.52 4.39 -12.02	55.55 4.73 -17.50	67.92 5.20 -25.02	91.62 5.50 -47.69	91.29 5.52 -46.61	118.37 5.22 -76.12	99.17 5.28 -56.42	76.15 4.92 -37.05	58.02 4.60 -21.71	50.91 4.37 -17.39	48.78 3.96 -18.26	42.27 3.32 -17.42	40.04 2.88 -17.94
BARRETT_IC_1 23704	90.37 2.69 -68.19	80.48 2.52 -59.68	87.38 2.39 -67.71	38.83 2.11 -21.32	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.33	44.73 2.97 -18.93	47.56 3.28 -19.26	64.01 3.64 -31.94	71.08 3.95 -36.02	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.29 3.93 -38.22	101.49 3.58 -71.36	79.83 3.08 -55.21	72.50 2.67 -50.61
BARRETT_IC_10 23701	90.38 2.69 -68.20	80.49 2.52 -59.69	87.39 2.39 -67.72	38.83 2.11 -21.33	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.34	44.73 2.97 -18.93	47.56 3.28 -19.26	64.02 3.64 -31.94	71.09 3.95 -36.03	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.30 3.93 -38.22	101.51 3.58 -71.37	79.84 3.08 -55.22	72.51 2.67 -50.62

BARRETT_IC_11 23702	90.38 2.69 -68.20	80.49 2.52 -59.69	87.39 2.39 -67.72	38.83 2.11 -21.33	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.34	44.73 2.97 -18.93	47.56 3.28 -19.26	64.02 3.64 -31.94	71.09 3.95 -36.03	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.30 3.93 -38.22	101.51 3.58 -71.37	79.84 3.08 -55.22	72.51 2.67 -50.62
BARRETT_IC_12 23703	90.38 2.69 -68.20	80.49 2.52 -59.69	87.39 2.39 -67.72	38.83 2.11 -21.33	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.34	44.73 2.97 -18.93	47.56 3.28 -19.26	64.02 3.64 -31.94	71.09 3.95 -36.03	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.30 3.93 -38.22	101.51 3.58 -71.37	79.84 3.08 -55.22	72.51 2.67 -50.62
BARRETT_IC_2 23705	90.37 2.69 -68.19	80.48 2.52 -59.68	87.38 2.39 -67.71	38.83 2.11 -21.32	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.33	44.73 2.97 -18.93	47.56 3.28 -19.26	64.01 3.64 -31.94	71.08 3.95 -36.02	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.29 3.93 -38.22	101.49 3.58 -71.36	79.83 3.08 -55.21	72.50 2.67 -50.61
BARRETT_IC_3 23706	90.37 2.69 -68.19	80.48 2.52 -59.68	87.38 2.39 -67.71	38.83 2.11 -21.32	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.33	44.73 2.97 -18.93	47.56 3.28 -19.26	64.01 3.64 -31.94	71.08 3.95 -36.02	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.29 3.93 -38.22	101.49 3.58 -71.36	79.83 3.08 -55.21	72.50 2.67 -50.61
BARRETT_IC_4 23707	90.37 2.69 -68.19	80.48 2.52 -59.68	87.38 2.39 -67.71	38.83 2.11 -21.32	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.33	44.73 2.97 -18.93	47.56 3.28 -19.26	64.01 3.64 -31.94	71.08 3.95 -36.02	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.29 3.93 -38.22	101.49 3.58 -71.36	79.83 3.08 -55.21	72.50 2.67 -50.61
BARRETT_IC_5 23708	90.37 2.69 -68.19	80.48 2.52 -59.68	87.38 2.39 -67.71	38.83 2.11 -21.32	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.33	44.73 2.97 -18.93	47.56 3.28 -19.26	64.01 3.64 -31.94	71.08 3.95 -36.02	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.29 3.93 -38.22	101.49 3.58 -71.36	79.83 3.08 -55.21	72.50 2.67 -50.61
BARRETT_IC_6 23709	90.37 2.69 -68.19	80.48 2.52 -59.68	87.38 2.39 -67.71	38.83 2.11 -21.32	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.33	44.73 2.97 -18.93	47.56 3.28 -19.26	64.01 3.64 -31.94	71.08 3.95 -36.02	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.29 3.93 -38.22	101.49 3.58 -71.36	79.83 3.08 -55.21	72.50 2.67 -50.61
BARRETT_IC_7 23710	90.37 2.69 -68.19	80.48 2.52 -59.68	87.38 2.39 -67.71	38.83 2.11 -21.32	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.33	44.73 2.97 -18.93	47.56 3.28 -19.26	64.01 3.64 -31.94	71.08 3.95 -36.02	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.29 3.93 -38.22	101.49 3.58 -71.36	79.83 3.08 -55.21	72.50 2.67 -50.61
BARRETT_IC_8 23711	90.37 2.69 -68.19	80.48 2.52 -59.68	87.38 2.39 -67.71	38.83 2.11 -21.32	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.33	44.73 2.97 -18.93	47.56 3.28 -19.26	64.01 3.64 -31.94	71.08 3.95 -36.02	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.29 3.93 -38.22	101.49 3.58 -71.36	79.83 3.08 -55.21	72.50 2.67 -50.61
BARRETT_IC_9 23700	90.38 2.69 -68.20	80.49 2.52 -59.69	87.39 2.39 -67.72	38.83 2.11 -21.33	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.34	44.73 2.97 -18.93	47.56 3.28 -19.26	64.02 3.64 -31.94	71.09 3.95 -36.03	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.30 3.93 -38.22	101.51 3.58 -71.37	79.84 3.08 -55.22	72.51 2.67 -50.62
BARRETT__1 23545	90.37 2.69 -68.19	80.48 2.52 -59.68	87.38 2.39 -67.71	38.83 2.11 -21.32	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.33	44.73 2.97 -18.93	47.56 3.28 -19.26	64.01 3.64 -31.94	71.08 3.95 -36.02	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.29 3.93 -38.22	101.49 3.58 -71.36	79.83 3.08 -55.21	72.50 2.67 -50.61
BARRETT__2 23546	90.38 2.69 -68.20	80.49 2.52 -59.69	87.39 2.39 -67.72	38.83 2.11 -21.33	38.83 2.14 -21.16	38.83 2.35 -19.37	39.63 2.54 -18.40	43.24 2.92 -18.34	44.73 2.97 -18.93	47.56 3.28 -19.26	64.02 3.64 -31.94	71.09 3.95 -36.03	71.30 4.33 -33.65	74.98 4.94 -32.35	91.00 4.88 -47.69	90.70 4.93 -46.61	117.82 4.67 -76.12	98.61 4.72 -56.42	75.77 4.55 -37.05	75.77 4.28 -39.78	71.30 3.93 -38.22	101.51 3.58 -71.37	79.84 3.08 -55.22	72.51 2.67 -50.62
BAYONEEC__CTG1 323682	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.31 1.97 -5.95	23.49 1.99 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.17 2.84 -15.35	41.56 2.90 -15.83	43.18 3.23 -14.93	46.17 3.70 -14.04	46.49 4.01 -11.37	48.49 4.36 -10.80	48.29 4.98 -5.61	53.26 5.19 -9.64	61.50 5.21 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.49 3.67 -15.27	43.24 2.97 -18.73	40.56 2.61 -18.72
BAYONEEC__CTG2 323683	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.31 1.97 -5.95	23.49 1.99 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.17 2.84 -15.35	41.56 2.90 -15.83	43.18 3.23 -14.93	46.17 3.70 -14.04	46.49 4.01 -11.37	48.49 4.36 -10.80	48.29 4.98 -5.61	53.26 5.19 -9.64	61.50 5.21 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.49 3.67 -15.27	43.24 2.97 -18.73	40.56 2.61 -18.72
BAYONEEC__CTG3 323684	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.31 1.97 -5.95	23.49 1.99 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.17 2.84 -15.35	41.56 2.90 -15.83	43.18 3.23 -14.93	46.17 3.70 -14.04	46.49 4.01 -11.37	48.49 4.36 -10.80	48.29 4.98 -5.61	53.26 5.19 -9.64	61.50 5.21 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.49 3.67 -15.27	43.24 2.97 -18.73	40.56 2.61 -18.72

BAYONEEC___CTG4 323685	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.31 1.97 -5.95	23.49 1.99 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.17 2.84 -15.35	41.56 2.90 -15.83	43.18 3.23 -14.93	46.17 3.70 -14.04	46.49 4.01 -11.37	48.49 4.36 -10.80	48.29 4.98 -5.61	53.26 5.19 -9.64	61.50 5.21 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.49 3.67 -15.27	43.24 2.97 -18.73	40.56 2.61 -18.72
BAYONEEC___CTG5 323686	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.31 1.97 -5.95	23.49 1.99 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.17 2.84 -15.35	41.56 2.90 -15.83	43.18 3.23 -14.93	46.17 3.70 -14.04	46.49 4.01 -11.37	48.49 4.36 -10.80	48.29 4.98 -5.61	53.26 5.19 -9.64	61.50 5.21 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.49 3.67 -15.27	43.24 2.97 -18.73	40.56 2.61 -18.72
BAYONEEC___CTG6 323687	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.31 1.97 -5.95	23.49 1.99 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.17 2.84 -15.35	41.56 2.90 -15.83	43.18 3.23 -14.93	46.17 3.70 -14.04	46.49 4.01 -11.37	48.49 4.36 -10.80	48.29 4.98 -5.61	53.26 5.19 -9.64	61.50 5.21 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.49 3.67 -15.27	43.24 2.97 -18.73	40.56 2.61 -18.72
BAYONEEC___CTG7 323688	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.31 1.97 -5.95	23.49 1.99 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.17 2.84 -15.35	41.56 2.90 -15.83	43.18 3.23 -14.93	46.17 3.70 -14.04	46.49 4.01 -11.37	48.49 4.36 -10.80	48.29 4.98 -5.61	53.26 5.19 -9.64	61.50 5.21 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.49 3.67 -15.27	43.24 2.97 -18.73	40.56 2.61 -18.72
BAYONEEC___CTG8 323689	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.31 1.97 -5.95	23.49 1.99 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.17 2.84 -15.35	41.56 2.90 -15.83	43.18 3.23 -14.93	46.17 3.70 -14.04	46.49 4.01 -11.37	48.49 4.36 -10.80	48.29 4.98 -5.61	53.26 5.19 -9.64	61.50 5.21 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.49 3.67 -15.27	43.24 2.97 -18.73	40.56 2.61 -18.72
BEACON___LESR 323632	23.93 1.21 -3.23	21.60 1.10 -2.22	19.90 1.02 -1.60	19.55 0.89 -3.26	19.47 0.92 -3.03	19.24 1.03 -1.10	22.59 1.16 -2.74	23.28 1.30 0.00	24.04 1.21 0.00	26.22 1.20 0.00	29.92 1.48 0.00	32.70 1.59 0.00	34.92 1.60 0.00	39.54 1.85 0.00	40.81 2.00 -0.38	42.06 2.07 -0.84	40.33 1.96 -1.34	40.47 1.95 -1.05	36.55 1.81 -0.56	33.69 1.65 -0.33	31.09 1.49 -0.46	28.18 1.35 -0.27	22.82 1.12 -0.16	24.99 1.04 -0.73
BEAVER RIVER___HYD 24048	19.47 -0.10 -0.07	18.18 -0.15 -0.05	17.11 -0.21 -0.04	15.21 -0.26 -0.07	15.33 -0.26 -0.07	16.90 -0.24 -0.03	18.60 -0.15 -0.06	21.92 -0.07 0.00	22.93 0.09 0.00	25.15 0.13 0.00	28.78 0.34 0.00	31.51 0.40 0.00	33.65 0.33 0.00	38.00 0.30 0.00	38.28 -0.15 0.00	38.84 -0.31 0.00	36.81 -0.22 0.00	37.21 -0.26 0.00	33.59 -0.58 0.00	31.11 -0.60 0.00	28.56 -0.58 0.00	26.10 -0.45 0.00	21.28 -0.26 0.00	18.96 -0.37 -0.11
BEEBEE_GT_13 23619	19.79 0.00 -0.30	18.34 -0.15 -0.21	17.26 -0.17 -0.15	15.52 -0.18 -0.31	15.64 -0.17 -0.28	17.03 -0.19 -0.10	18.77 -0.17 -0.26	21.43 0.18 0.72	22.11 0.30 1.02	24.39 0.53 1.15	27.28 0.34 1.50	29.63 0.31 1.79	31.71 0.83 2.44	35.45 0.75 3.00	35.84 0.50 3.09	37.12 0.78 2.81	35.28 0.93 2.67	36.33 0.86 2.00	33.58 0.68 1.27	31.46 0.60 0.86	29.04 0.46 0.57	26.60 0.58 0.54	21.57 0.24 0.21	19.59 -0.08 -0.44
BETHLEHEM___GRP 23843	23.55 0.82 -3.25	21.26 0.75 -2.23	19.60 0.71 -1.61	19.30 0.63 -3.28	19.21 0.64 -3.05	18.92 0.70 -1.10	22.21 0.77 -2.76	22.84 0.86 0.00	23.59 0.75 0.00	25.75 0.73 0.00	29.35 0.91 0.00	32.10 1.00 0.00	34.32 1.00 0.00	38.90 1.21 0.00	39.78 1.34 0.00	40.44 1.29 0.00	38.21 1.18 0.00	38.63 1.16 0.00	35.30 1.13 0.00	32.73 1.01 0.00	30.08 0.93 0.00	27.40 0.85 0.00	22.09 0.69 0.14	24.62 0.65 -0.75
BETHLEHEM___GS1 323560	23.55 0.82 -3.25	21.26 0.75 -2.23	19.60 0.71 -1.61	19.30 0.63 -3.28	19.21 0.64 -3.05	18.92 0.70 -1.10	22.21 0.77 -2.76	22.84 0.86 0.00	23.59 0.75 0.00	25.75 0.73 0.00	29.35 0.91 0.00	32.10 1.00 0.00	34.32 1.00 0.00	38.90 1.21 0.00	39.78 1.34 0.00	40.44 1.29 0.00	38.21 1.18 0.00	38.63 1.16 0.00	35.30 1.13 0.00	32.73 1.01 0.00	30.08 0.93 0.00	27.40 0.85 0.00	22.09 0.69 0.14	24.62 0.65 -0.75
BETHLEHEM___GS2 323561	23.55 0.82 -3.25	21.26 0.75 -2.23	19.60 0.71 -1.61	19.30 0.63 -3.28	19.21 0.64 -3.05	18.92 0.70 -1.10	22.21 0.77 -2.76	22.84 0.86 0.00	23.59 0.75 0.00	25.75 0.73 0.00	29.35 0.91 0.00	32.10 1.00 0.00	34.32 1.00 0.00	38.90 1.21 0.00	39.78 1.34 0.00	40.44 1.29 0.00	38.21 1.18 0.00	38.63 1.16 0.00	35.30 1.13 0.00	32.73 1.01 0.00	30.08 0.93 0.00	27.40 0.85 0.00	22.09 0.69 0.14	24.62 0.65 -0.75
BETHLEHEM___GS3 323562	23.55 0.82 -3.25	21.26 0.75 -2.23	19.60 0.71 -1.61	19.30 0.63 -3.28	19.21 0.64 -3.05	18.92 0.70 -1.10	22.21 0.77 -2.76	22.84 0.86 0.00	23.59 0.75 0.00	25.75 0.73 0.00	29.35 0.91 0.00	32.10 1.00 0.00	34.32 1.00 0.00	38.90 1.21 0.00	39.78 1.34 0.00	40.44 1.29 0.00	38.21 1.18 0.00	38.63 1.16 0.00	35.30 1.13 0.00	32.73 1.01 0.00	30.08 0.93 0.00	27.40 0.85 0.00	22.09 0.69 0.14	24.62 0.65 -0.75
BETHLEHEM___STEEL 23779	21.98 0.08 -2.41	19.67 -0.11 -1.50	17.49 -0.03 -0.25	15.76 -0.06 -0.42	15.89 -0.03 -0.39	17.19 -0.07 -0.14	19.78 -0.11 -1.21	39.50 0.46 -17.06	47.46 0.46 -24.17	53.08 0.80 -27.25	64.30 0.34 -35.52	73.58 0.28 -42.19	92.09 1.10 -57.67	108.20 0.68 -69.82	110.81 0.54 -71.84	105.30 0.78 -65.37	100.14 1.00 -62.11	84.81 0.86 -46.47	66.79 0.75 -31.86	53.98 0.79 -21.48	43.98 0.55 -14.29	40.86 0.72 -13.58	28.98 0.30 -7.14	20.77 -0.21 -1.76
BETHPAGE_CC_5 323564	33.31 3.04 -10.78	30.29 2.81 -9.19	29.01 2.63 -9.10	22.96 2.31 -5.25	22.95 2.34 -5.08	23.88 2.57 -4.20	26.48 2.82 -4.98	31.14 3.32 -5.83	39.34 3.40 -13.10	39.85 3.65 -11.17	42.99 3.98 -10.57	48.03 4.39 -12.53	55.86 4.70 -17.84	68.19 5.32 -25.17	91.73 5.61 -47.69	91.41 5.64 -46.61	118.52 5.37 -76.12	99.29 5.40 -56.42	76.28 5.06 -37.05	58.50 4.69 -22.10	51.32 4.34 -17.83	49.90 3.96 -19.39	43.07 3.32 -18.22	40.81 2.96 -18.63
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.03 0.19 -2.34	19.72 -0.02 -1.46	17.60 0.07 -0.25	15.84 0.02 -0.43	15.98 0.06 -0.40	17.29 0.03 -0.14	19.88 0.02 -1.18	38.99 0.61 -16.39	46.69 0.64 -23.21	52.20 1.00 -26.18	63.13 0.57 -34.12	72.17 0.53 -40.53	90.09 1.37 -55.40	105.80 0.98 -67.12	108.34 0.84 -69.07	103.13 1.14 -62.84	98.07 1.33 -59.71	83.35 1.20 -44.68	65.79 1.06 -30.56	53.39 1.08 -20.60	43.63 0.79 -13.70	40.51 0.93 -13.03	28.87 0.47 -6.86	20.87 -0.08 -1.73

BINGHAMTON___COGEN 23790	21.09 0.60 -1.00	19.45 0.49 -0.67	18.20 0.50 -0.42	16.67 0.43 -0.85	16.78 0.47 -0.79	17.91 0.51 -0.28	20.01 0.54 -0.78	24.19 0.77 -1.44	25.67 0.80 -2.04	28.25 0.93 -2.30	32.43 0.99 -3.00	35.73 1.06 -3.56	39.56 1.37 -4.87	45.06 1.43 -5.93	46.00 1.46 -6.10	46.20 1.49 -5.55	43.82 1.52 -5.28	42.88 1.46 -3.95	38.24 1.37 -2.70	34.73 1.20 -1.82	31.43 1.08 -1.21	28.74 1.03 -1.15	23.09 0.75 -0.79	21.12 0.58 -1.32
BLACK RIVER___HYD 24047	19.55 -0.06 -0.11	18.25 -0.11 -0.08	17.15 -0.19 -0.06	15.25 -0.26 -0.12	15.37 -0.26 -0.11	16.93 -0.22 -0.04	18.67 -0.11 -0.10	22.00 0.02 0.00	23.04 0.21 0.00	25.30 0.28 0.00	28.98 0.54 0.00	31.73 0.62 0.00	33.89 0.57 0.00	38.22 0.53 0.00	38.40 -0.04 0.00	39.00 -0.16 0.00	36.99 -0.04 0.00	37.36 -0.11 0.00	33.66 -0.51 0.00	31.17 -0.54 0.00	28.65 -0.50 0.00	26.16 -0.40 0.00	21.34 -0.19 0.00	19.04 -0.35 -0.17
BLISS_WT_PWR 323608	21.96 0.37 -2.10	19.77 0.18 -1.31	17.81 0.28 -0.25	16.05 0.20 -0.45	16.22 0.28 -0.42	17.56 0.29 -0.15	20.07 0.30 -1.09	37.03 -0.94 -14.10	43.70 0.89 -19.98	48.83 1.28 -22.53	58.68 0.88 -29.36	66.83 0.84 -34.88	82.66 1.67 -47.68	97.44 1.36 -58.39	99.74 1.23 -60.08	95.30 1.49 -54.66	90.64 1.67 -51.94	77.79 1.46 -38.86	62.12 1.37 -26.58	50.96 1.33 -17.91	42.11 1.05 -11.92	39.05 1.17 -11.33	28.23 0.71 -5.98	21.02 0.19 -1.61
BLUE_CIRC_CHEM_DRP 24182	23.76 1.07 -3.20	21.47 0.99 -2.20	19.82 0.95 -1.59	19.46 0.83 -3.23	19.38 0.85 -3.00	19.12 0.92 -1.08	22.41 1.01 -2.72	23.15 1.16 0.00	23.91 1.07 0.00	25.92 0.90 0.00	29.55 1.11 0.00	32.32 1.21 0.00	34.55 1.23 0.00	39.17 1.47 0.00	40.30 1.58 -0.29	41.31 1.53 -0.63	39.48 1.44 -1.01	39.68 1.42 -0.79	35.96 1.37 -0.42	33.23 1.27 -0.25	30.66 1.17 -0.34	27.82 1.06 -0.20	22.51 0.88 -0.09	24.71 0.81 -4.68
BOC_GAS_DRP 24189	23.78 1.05 -3.24	21.48 0.97 -2.23	19.82 0.93 -1.61	19.50 0.83 -3.27	19.40 0.84 -3.04	19.14 0.92 -1.10	22.43 0.99 -2.75	23.12 1.14 0.00	23.91 1.07 0.00	26.07 1.05 0.00	29.69 1.25 0.00	32.48 1.37 0.00	34.72 1.40 0.00	39.35 1.66 0.00	39.94 1.77 0.26	40.30 1.72 0.57	37.71 1.59 0.91	38.37 1.61 0.71	35.33 1.54 0.38	32.95 1.46 0.23	30.18 1.34 0.31	27.59 1.22 0.18	22.14 1.01 0.41	24.86 0.90 -4.74
BORALEX_4TH_BRANCH 23824	24.09 1.31 -3.29	21.77 1.22 -2.27	20.06 1.14 -1.63	19.75 1.03 -3.32	19.67 1.06 -3.09	19.40 1.16 -1.12	22.79 1.31 -2.79	23.43 1.45 0.00	24.25 1.42 0.00	26.52 1.50 0.00	30.23 1.79 0.00	33.04 1.93 0.00	35.35 2.03 0.00	40.04 2.34 0.00	41.71 2.50 -0.78	43.36 2.47 -1.73	42.08 2.26 -2.79	42.06 2.40 -2.19	37.60 2.25 -1.17	34.44 2.03 -0.69	31.94 1.84 -0.95	28.76 1.65 -0.56	23.40 1.36 -0.51	25.32 1.29 -4.81
BOWLINE___1 23526	24.00 2.05 -2.47	21.88 1.90 -1.70	20.29 1.78 -1.22	19.44 1.55 -2.49	19.42 1.58 -2.32	19.68 1.73 -0.84	22.69 1.91 -2.09	24.25 2.26 0.00	25.17 2.33 0.00	27.62 2.60 0.00	31.39 2.96 0.00	34.31 3.20 0.00	36.79 3.47 0.00	41.65 3.96 0.00	48.74 4.11 -6.19	56.95 4.11 -13.69	62.69 3.92 -21.74	58.46 3.93 -17.05	47.04 3.73 -9.14	40.64 3.52 -5.41	39.76 3.21 -7.41	33.91 2.97 -4.39	29.26 2.43 -5.29	24.96 2.13 -3.61
BOWLINE___2 23595	24.02 2.06 -2.47	21.88 1.90 -1.70	20.29 1.78 -1.22	19.46 1.57 -2.49	19.44 1.60 -2.32	19.70 1.75 -0.84	22.71 1.93 -2.09	24.27 2.29 0.00	25.19 2.35 0.00	27.65 2.63 0.00	31.42 2.99 0.00	34.31 3.20 0.00	36.79 3.47 0.00	41.65 3.96 0.00	48.78 4.15 -6.19	57.00 4.15 -13.70	62.70 3.92 -21.75	58.50 3.97 -17.06	47.04 3.73 -9.14	40.64 3.52 -5.41	39.77 3.21 -7.41	33.94 3.00 -4.39	29.28 2.45 -5.29	24.98 2.15 -3.61
BROOKHAVEN___DRP 24191	28.26 3.02 -5.75	25.77 2.72 -4.76	23.80 2.56 -3.96	21.49 2.25 -3.84	21.48 2.28 -3.67	22.48 2.50 -2.87	25.21 2.73 -3.80	30.06 3.34 -4.74	38.91 3.49 -12.58	39.39 3.90 -10.46	41.43 4.29 -8.70	46.37 4.79 -10.47	54.94 5.16 -16.46	68.05 5.80 -24.55	92.23 6.11 -47.69	91.91 6.15 -46.61	118.97 5.81 -76.12	99.77 5.88 -56.42	76.69 5.47 -37.05	57.43 5.17 -20.55	49.94 4.75 -16.04	45.74 4.36 -14.83	40.19 3.68 -14.97	38.16 3.11 -15.82
BROOKLYN_NAVY_YARD 23515	30.22 2.53 -8.19	28.11 2.32 -7.51	26.64 2.20 -7.17	23.28 1.94 -5.95	23.45 1.96 -5.97	24.44 2.14 -5.18	27.93 2.32 -6.93	40.08 2.75 -15.35	41.49 2.83 -15.83	43.13 3.18 -14.93	46.09 3.61 -14.04	47.00 3.95 -11.94	48.84 4.33 -11.19	51.36 4.94 -8.73	53.26 5.19 -9.64	61.54 5.25 -17.14	69.39 5.00 -27.36	63.72 5.02 -21.22	50.71 4.68 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.49 3.67 -15.27	43.26 2.99 -18.73	40.54 2.59 -18.72
BROOKLYN___ARMY_DRP 323595	30.55 2.69 -8.37	28.40 2.43 -7.69	26.88 2.25 -7.35	23.32 1.97 -5.95	23.49 1.99 -5.98	24.61 2.17 -5.32	28.18 2.41 -7.08	40.80 2.99 -15.83	42.26 3.11 -16.32	51.03 3.38 -22.63	51.22 3.90 -18.88	53.03 4.20 -17.72	53.00 4.50 -15.18	81.05 5.09 -38.27	120.98 5.31 -77.24	94.41 5.32 -49.93	81.31 5.07 -39.21	81.27 5.13 -38.66	81.08 4.78 -42.12	81.08 4.57 -44.80	109.71 4.22 -76.34	81.08 3.90 -50.62	88.66 3.14 -63.98	51.02 2.81 -28.99
BROOME_2_LFGE 323671	21.09 0.60 -1.00	19.45 0.49 -0.67	18.20 0.50 -0.42	16.67 0.43 -0.85	16.78 0.47 -0.79	17.91 0.51 -0.28	20.01 0.54 -0.78	24.19 0.77 -1.44	25.67 0.80 -2.04	28.25 0.93 -2.30	32.43 0.99 -3.00	35.73 1.06 -3.56	39.56 1.37 -4.87	45.06 1.43 -5.93	46.00 1.46 -6.10	46.20 1.49 -5.55	43.82 1.52 -5.28	42.88 1.46 -3.95	38.24 1.37 -2.70	34.73 1.20 -1.82	31.43 1.08 -1.21	28.74 1.03 -1.15	23.09 0.75 -0.79	21.12 0.58 -1.32
BROOME___LFGE 323600	21.09 0.60 -1.00	19.45 0.49 -0.67	18.20 0.50 -0.42	16.67 0.43 -0.85	16.78 0.47 -0.79	17.91 0.51 -0.28	20.01 0.54 -0.78	24.19 0.77 -1.44	25.67 0.80 -2.04	28.25 0.93 -2.30	32.43 0.99 -3.00	35.73 1.06 -3.56	39.56 1.37 -4.87	45.06 1.43 -5.93	46.00 1.46 -6.10	46.20 1.49 -5.55	43.82 1.52 -5.28	42.88 1.46 -3.95	38.24 1.37 -2.70	34.73 1.20 -1.82	31.43 1.08 -1.21	28.74 1.03 -1.15	23.09 0.75 -0.79	21.12 0.58 -1.32
BURROWS___LYONSDAL 23803	19.59 0.10 0.00	18.32 0.04 0.00	17.27 -0.02 0.00	15.33 -0.06 0.00	15.45 -0.08 0.00	17.08 -0.03 0.00	18.72 0.04 0.00	22.09 0.11 0.00	23.06 0.23 0.00	25.30 0.28 0.00	28.89 0.45 0.00	31.64 0.53 0.00	33.82 0.50 0.00	38.19 0.49 0.00	38.63 0.19 0.00	39.27 0.12 0.00	37.21 0.19 0.00	37.58 0.11 0.00	34.04 -0.14 0.00	31.55 -0.16 0.00	28.97 -0.17 0.00	26.42 -0.13 0.00	21.52 -0.02 0.00	19.09 -0.13 0.00
CAITHNESS_CC_1 323624	28.21 2.98 -5.73	25.74 2.70 -4.75	23.77 2.54 -3.95	21.47 2.23 -3.84	21.46 2.27 -3.67	22.46 2.48 -2.86	25.19 2.71 -3.80	30.01 3.30 -4.73	38.84 3.42 -12.58	39.31 3.83 -10.46	41.31 4.18 -8.69	46.24 4.67 -10.46	54.80 5.03 -16.45	67.89 5.65 -24.54	92.04 5.92 -47.69	91.71 5.95 -46.61	118.78 5.63 -76.12	99.62 5.73 -56.42	76.52 5.30 -37.05	57.30 5.04 -20.54	49.82 4.63 -16.04	45.62 4.25 -14.82	40.12 3.62 -14.96	38.11 3.07 -15.81

CALPINE BETH_PAGE_GT4 24209	35.51 3.10 -12.92	32.20 2.85 -11.07	31.22 2.66 -11.28	23.60 2.36 -5.85	23.59 2.39 -5.68	24.48 2.60 -4.76	27.02 2.86 -5.47	31.60 3.32 -6.30	39.53 3.38 -13.31	40.18 3.68 -11.47	43.78 3.98 -11.36	48.90 4.39 -13.40	56.48 4.73 -18.43	68.49 5.35 -25.44	91.77 5.65 -47.69	91.44 5.68 -46.61	118.56 5.41 -76.12	99.32 5.43 -56.42	76.32 5.09 -37.05	59.22 4.76 -22.75	52.11 4.37 -18.59	51.85 3.98 -21.32	44.45 3.32 -19.59	41.96 2.92 -19.82
CALPINE_BETH_PAGE_GT_4 323586	35.51 3.10 -12.92	32.20 2.85 -11.07	31.22 2.66 -11.28	23.60 2.36 -5.85	23.59 2.39 -5.68	24.48 2.60 -4.76	27.02 2.86 -5.47	31.60 3.32 -6.30	39.53 3.38 -13.31	40.18 3.68 -11.47	43.78 3.98 -11.36	48.90 4.39 -13.40	56.48 4.73 -18.43	68.49 5.35 -25.44	91.77 5.65 -47.69	91.44 5.68 -46.61	118.56 5.41 -76.12	99.32 5.43 -56.42	76.32 5.09 -37.05	59.22 4.76 -22.75	52.11 4.37 -18.59	51.85 3.98 -21.32	44.45 3.32 -19.59	41.96 2.92 -19.82
CALPINE_BP_GT1 23823	35.51 3.10 -12.92	32.20 2.85 -11.07	31.22 2.66 -11.28	23.60 2.36 -5.85	23.59 2.39 -5.68	24.48 2.60 -4.76	27.02 2.86 -5.47	31.60 3.32 -6.30	39.53 3.38 -13.31	40.18 3.68 -11.47	43.78 3.98 -11.36	48.90 4.39 -13.40	56.48 4.73 -18.43	68.49 5.35 -25.44	91.77 5.65 -47.69	91.44 5.68 -46.61	118.56 5.41 -76.12	99.32 5.43 -56.42	76.32 5.09 -37.05	59.22 4.76 -22.75	52.11 4.37 -18.59	51.85 3.98 -21.32	44.45 3.32 -19.59	41.96 2.92 -19.82
CALSPAN___DRP 24200	21.98 0.08 -2.41	19.67 -0.11 -1.50	17.49 -0.03 -0.25	15.76 -0.06 -0.42	15.89 -0.03 -0.39	17.19 -0.07 -0.14	19.78 -0.11 -1.21	39.50 0.46 -17.06	47.46 0.46 -24.17	53.08 0.80 -27.25	64.30 0.34 -35.52	73.58 0.28 -42.19	92.09 1.10 -57.67	108.20 0.68 -69.82	110.81 0.54 -71.84	105.30 0.78 -65.37	100.14 1.00 -62.11	84.81 0.86 -46.47	66.79 0.75 -31.86	53.98 0.79 -21.48	43.98 0.55 -14.29	40.86 0.72 -13.58	28.98 0.30 -7.14	20.77 -0.21 -1.76
CANDIGU_WT_PWR 323617	21.10 0.39 -1.22	19.28 0.22 -0.78	17.86 0.29 -0.29	16.17 0.22 -0.56	16.34 0.29 -0.52	17.61 0.31 -0.19	19.74 0.30 -0.75	28.89 0.72 -6.18	32.32 0.73 -8.75	35.84 0.95 -9.87	41.98 0.68 -12.87	46.98 0.59 -15.28	55.44 1.23 -20.89	64.06 1.05 -25.31	65.47 1.00 -26.04	63.98 1.14 -23.69	60.84 1.30 -22.51	55.48 1.16 -16.85	46.91 1.13 -11.61	40.58 1.04 -7.82	35.20 0.85 -5.21	32.46 0.95 -4.95	24.79 0.56 -2.70	20.63 0.21 -1.19
CARR STREET_E_SYR 24060	19.68 -0.02 -0.21	18.35 -0.07 -0.15	17.32 -0.07 -0.11	15.53 -0.08 -0.21	15.66 -0.06 -0.20	17.12 -0.07 -0.07	18.81 -0.06 -0.18	22.03 0.04 0.00	22.93 0.09 0.00	25.15 0.13 0.00	28.58 0.14 0.00	31.14 0.03 0.00	33.42 0.10 0.00	37.81 0.11 0.00	38.51 0.08 0.00	39.27 0.12 0.00	37.14 0.11 0.00	37.58 0.11 0.00	34.21 0.03 0.00	31.81 0.10 0.00	29.29 0.15 0.00	26.71 0.16 0.00	21.66 0.06 -0.05	19.55 0.02 -0.31
CARTHAGE___PAPER 23857	19.54 -0.06 -0.10	18.24 -0.11 -0.07	17.14 -0.19 -0.05	15.25 -0.25 -0.10	15.36 -0.26 -0.10	16.93 -0.22 -0.04	18.64 -0.13 -0.09	21.98 0.00 0.00	23.02 0.18 0.00	25.25 0.22 0.00	28.92 0.48 0.00	31.67 0.56 0.00	33.82 0.50 0.00	38.15 0.45 0.00	38.36 -0.08 0.00	38.96 -0.19 0.00	36.92 -0.11 0.00	37.32 -0.15 0.00	33.66 -0.51 0.00	31.17 -0.54 0.00	28.62 -0.52 0.00	26.13 -0.43 0.00	21.32 -0.22 0.00	19.03 -0.35 -0.15
CE_DUNWOOD___DRP 24194	24.34 2.32 -2.54	22.16 2.14 -1.75	20.53 1.99 -1.26	19.71 1.75 -2.56	19.69 1.78 -2.38	19.93 1.95 -0.86	22.99 2.15 -2.15	24.53 2.55 0.00	25.46 2.62 0.00	27.95 2.93 0.00	31.79 3.35 0.00	34.75 3.64 0.00	37.28 3.96 0.00	42.22 4.52 0.00	49.91 4.76 -6.71	58.78 4.78 -14.86	65.17 4.55 -23.59	60.54 4.57 -18.50	48.36 4.27 -9.92	41.61 4.03 -5.87	40.86 3.67 -8.04	34.66 3.35 -4.76	29.94 2.71 -5.69	25.29 2.36 -3.71
CE_MILLWOOD___DRP 24193	24.24 2.22 -2.53	22.07 2.05 -1.74	20.45 1.92 -1.25	19.64 1.69 -2.55	19.62 1.72 -2.37	19.85 1.88 -0.86	22.89 2.06 -2.14	24.44 2.46 0.00	25.37 2.53 0.00	27.82 2.80 0.00	31.68 3.24 0.00	34.59 3.48 0.00	37.12 3.80 0.00	42.03 4.33 0.00	49.67 4.57 -6.66	58.48 4.58 -14.75	64.81 4.37 -23.42	60.22 4.38 -18.37	48.12 4.10 -9.85	41.40 3.87 -5.83	40.66 3.53 -7.98	34.49 3.21 -4.73	29.79 2.61 -5.65	25.20 2.29 -3.69
CE_NYC2_DRP 24202	30.47 2.61 -8.37	28.34 2.38 -7.69	26.85 2.21 -7.35	23.30 1.96 -5.95	23.48 1.97 -5.98	24.61 2.17 -5.32	28.16 2.39 -7.08	40.71 2.90 -15.83	42.13 2.97 -16.32	43.65 3.23 -15.40	46.60 3.70 -14.47	47.41 3.98 -12.32	49.13 4.27 -11.54	51.49 4.79 -9.00	53.20 5.03 -9.73	61.42 5.05 -17.21	69.32 4.81 -27.48	63.65 4.87 -21.31	50.64 4.55 -11.92	47.41 4.31 -11.39	46.58 3.99 -13.44	45.84 3.69 -15.60	43.65 2.97 -19.14	41.09 2.67 -19.19
CE_NYC_DRP 24195	30.24 2.59 -8.16	28.15 2.39 -7.47	26.66 2.25 -7.13	23.31 1.99 -5.92	23.48 2.00 -5.95	24.46 2.19 -5.16	28.00 2.41 -6.90	40.11 2.88 -15.25	41.53 2.97 -15.73	43.16 3.30 -14.83	46.17 3.78 -13.95	47.08 4.11 -11.87	48.91 4.47 -11.12	51.49 5.13 -8.67	53.40 5.34 -9.62	61.64 5.36 -17.13	69.48 5.11 -27.34	63.81 5.13 -21.21	50.80 4.78 -11.85	47.37 4.47 -11.18	46.47 4.08 -13.24	45.50 3.74 -15.20	43.20 3.02 -18.65	40.48 2.63 -18.63
CHAFFEE___LFGE 323603	21.96 0.21 -2.26	19.71 0.02 -1.41	17.62 0.09 -0.25	15.88 0.05 -0.44	16.01 0.08 -0.40	17.31 0.05 -0.15	19.89 0.06 -1.15	38.26 0.66 -15.62	45.65 0.68 -22.13	51.03 1.05 -24.96	61.59 0.62 -32.53	70.34 0.59 -38.64	87.57 1.43 -52.81	103.02 1.05 -64.27	105.48 0.92 -66.12	100.53 1.22 -60.17	95.57 1.37 -57.17	81.52 1.27 -42.78	64.56 1.09 -29.29	52.60 1.14 -19.74	43.15 0.87 -13.13	40.05 1.01 -12.49	28.61 0.50 -6.58	20.85 -0.06 -1.69
CHATEAUG_WT_PWR 323614	18.73 -0.72 0.04	17.73 -0.55 0.00	16.78 -0.50 0.00	14.98 -0.41 0.00	15.07 -0.45 0.00	16.65 -0.46 0.00	18.20 -0.49 0.00	21.32 -0.66 0.00	22.24 -0.59 0.00	24.35 -0.67 0.00	27.61 -0.83 0.00	30.30 -0.81 0.00	32.22 -1.10 0.00	36.53 -1.17 0.00	37.20 -1.23 0.00	38.02 -1.14 0.00	35.88 -1.15 0.00	36.35 -1.12 0.00	33.15 -1.02 0.00	30.67 -1.05 0.00	28.24 -0.90 0.00	25.65 -0.90 0.00	20.78 -0.75 0.00	18.53 -0.69 0.00
CHAT_HIGH_FALL_HYD 323578	18.75 -0.70 0.04	17.75 -0.53 0.00	16.80 -0.48 0.00	14.99 -0.40 0.00	15.09 -0.43 0.00	16.69 -0.43 0.00	18.24 -0.45 0.00	21.37 -0.62 0.00	22.29 -0.55 0.00	24.37 -0.65 0.00	27.67 -0.77 0.00	30.33 -0.78 0.00	32.25 -1.07 0.00	36.57 -1.13 0.00	37.28 -1.15 0.00	38.10 -1.06 0.00	35.92 -1.11 0.00	36.38 -1.09 0.00	33.18 -0.99 0.00	30.73 -0.98 0.00	28.27 -0.87 0.00	25.70 -0.85 0.00	20.81 -0.73 0.00	18.55 -0.67 0.00
CHAUTAUQUA___LFGE 323629	22.25 0.33 -2.43	19.90 0.11 -1.51	17.70 0.17 -0.25	15.95 0.12 -0.43	16.08 0.16 -0.40	17.43 0.17 -0.14	20.11 0.21 -1.22	41.53 0.92 -18.63	50.18 0.96 -26.39	56.08 1.30 -29.76	68.10 0.88 -38.78	78.02 0.84 -46.07	98.03 1.73 -62.97	114.13 1.40 -75.03	116.91 1.27 -77.20	110.93 1.53 -70.25	105.40 1.63 -66.75	88.95 1.54 -49.94	69.86 1.33 -34.36	56.23 1.36 -23.16	45.60 1.05 -15.40	42.42 1.22 -14.65	29.94 0.71 -7.70	21.08 0.08 -1.78



CH_MIDHUDSON___DRP 24192	24.44 2.24 -2.71	22.21 2.06 -1.86	20.54 1.92 -1.34	19.82 1.69 -2.73	19.77 1.71 -2.54	19.92 1.88 -0.92	23.06 2.07 -2.30	24.44 2.46 0.00	25.39 2.56 0.00	27.85 2.83 0.00	31.71 3.27 0.00	34.69 3.58 0.00	37.25 3.93 0.00	42.22 4.52 0.00	48.35 4.76 -5.15	55.32 4.78 -11.39	59.67 4.55 -18.09	56.23 4.57 -14.19	46.05 4.27 -7.61	40.18 3.96 -4.50	38.93 3.61 -6.17	33.50 3.29 -3.65	28.59 2.63 -4.42	25.47 2.29 -3.96
CH_MISC_IPPS 23765	24.44 2.34 -2.61	22.25 2.17 -1.80	20.58 2.00 -1.30	19.79 1.75 -2.64	19.75 1.77 -2.45	19.94 1.93 -0.89	23.07 2.17 -2.22	24.55 2.57 0.00	25.53 2.69 0.00	28.02 3.00 0.00	31.93 3.50 0.00	34.97 3.86 0.00	37.55 4.23 0.00	42.60 4.90 0.00	48.95 5.15 -5.36	56.18 5.17 -11.86	60.83 4.96 -18.83	57.19 4.95 -14.77	46.67 4.58 -7.92	40.68 4.28 -4.69	39.44 3.88 -6.42	33.86 3.50 -3.80	28.96 2.78 -4.64	25.45 2.40 -3.82
CH_RES_BVR_FALLS 23983	19.15 -0.21 0.12	18.00 -0.18 0.10	17.04 -0.17 0.07	15.10 -0.15 0.14	15.24 -0.16 0.13	16.90 -0.17 0.05	18.38 -0.19 0.12	21.76 -0.22 0.00	22.61 -0.23 0.00	24.77 -0.25 0.00	28.15 -0.28 0.00	30.83 -0.28 0.00	32.99 -0.33 0.00	37.32 -0.38 0.00	38.01 -0.42 0.00	38.76 -0.39 0.00	36.62 -0.41 0.00	37.06 -0.41 0.00	33.80 -0.38 0.00	31.33 -0.38 0.00	28.80 -0.35 0.00	26.21 -0.35 0.00	21.22 -0.32 0.00	18.69 -0.33 0.20
CH_RES_NIAGARA 23895	20.54 -0.70 -1.75	18.55 -0.82 -1.09	16.81 -0.69 -0.22	15.14 -0.65 -0.39	15.27 -0.62 -0.36	16.51 -0.74 -0.13	18.70 -0.90 -0.91	19.51 -0.64 1.84	19.55 -0.68 2.60	21.64 -0.45 2.93	23.53 -1.08 3.82	25.26 -1.31 4.54	26.48 -0.63 6.21	28.80 -1.28 7.62	29.10 -1.50 7.84	30.77 -1.25 7.13	29.29 -0.96 6.77	31.28 -1.12 5.07	29.61 -1.06 3.50	28.53 -0.82 2.36	26.64 -0.93 1.57	24.45 -0.61 1.49	20.10 -0.75 0.68	19.50 -1.08 -1.35
CH_RES_SYRACUSE 23985	19.79 0.06 -0.24	18.47 0.02 -0.17	17.40 0.00 -0.12	15.64 0.00 -0.25	15.75 0.00 -0.23	17.20 0.00 -0.08	18.91 0.02 -0.21	22.09 0.11 0.00	23.00 0.16 0.00	25.22 0.20 0.00	28.64 0.20 0.00	31.30 0.19 0.00	33.69 0.37 0.00	38.11 0.42 0.00	38.82 0.38 0.00	39.58 0.43 0.00	37.47 0.45 0.00	37.92 0.45 0.00	34.52 0.34 0.00	32.00 0.28 0.00	29.41 0.26 0.00	26.79 0.24 0.00	21.75 0.15 -0.06	19.68 0.10 -0.36
CLINTON_WT_PWR 323605	18.73 -0.72 0.04	17.73 -0.55 0.00	16.78 -0.50 0.00	14.98 -0.41 0.00	15.07 -0.45 0.00	16.65 -0.46 0.00	18.20 -0.49 0.00	21.32 -0.66 0.00	22.24 -0.59 0.00	24.35 -0.67 0.00	27.61 -0.83 0.00	30.30 -0.81 0.00	32.22 -1.10 0.00	36.53 -1.17 0.00	37.20 -1.23 0.00	38.02 -1.14 0.00	35.88 -1.15 0.00	36.35 -1.12 0.00	33.15 -1.02 0.00	30.67 -1.05 0.00	28.24 -0.90 0.00	25.65 -0.90 0.00	20.78 -0.75 0.00	18.53 -0.69 0.00
CLINTON___LFGE 323618	18.83 -0.62 0.04	17.88 -0.40 0.00	16.90 -0.38 0.00	15.09 -0.31 0.00	15.17 -0.36 0.00	16.79 -0.33 0.00	18.35 -0.34 0.00	21.50 -0.48 0.00	22.47 -0.37 0.00	24.57 -0.45 0.00	27.90 -0.54 0.00	30.58 -0.53 0.00	32.42 -0.90 0.00	36.79 -0.91 0.00	37.47 -0.96 0.00	38.33 -0.82 0.00	36.14 -0.89 0.00	36.61 -0.86 0.00	33.42 -0.75 0.00	30.89 -0.82 0.00	28.50 -0.64 0.00	25.89 -0.66 0.00	20.94 -0.60 0.00	18.65 -0.58 0.00
COLONIE_LFGE___ 323577	23.99 1.15 -3.35	21.64 1.06 -2.30	19.93 0.98 -1.66	19.65 0.88 -3.38	19.56 0.90 -3.14	19.24 0.99 -1.13	22.65 1.12 -2.84	23.21 1.23 0.00	24.00 1.16 0.00	26.27 1.25 0.00	29.94 1.51 0.00	32.76 1.65 0.00	35.02 1.70 0.00	39.69 2.00 0.00	41.01 2.11 -0.46	42.26 2.07 -1.03	40.64 1.92 -1.69	40.78 1.98 -1.32	36.73 1.84 -0.71	33.78 1.65 -0.42	31.21 1.49 -0.57	28.25 1.35 -0.34	22.90 1.12 -0.25	25.17 1.06 -4.89
CORNELL___ 23752	20.61 0.51 -0.61	19.09 0.40 -0.41	17.91 0.38 -0.25	16.21 0.32 -0.50	16.33 0.34 -0.46	17.68 0.39 -0.17	19.60 0.45 -0.47	23.77 0.70 -1.09	25.15 0.78 -1.54	27.61 0.85 -1.73	31.63 0.94 -2.26	34.79 1.00 -2.68	38.29 1.30 -3.67	43.57 1.43 -4.44	44.39 1.38 -4.57	44.80 1.49 -4.16	42.42 1.44 -3.95	41.85 1.42 -2.96	37.44 1.23 -2.04	34.17 1.08 -1.37	31.02 0.96 -0.91	28.33 0.90 -0.87	22.77 0.67 -0.57	20.49 0.48 -0.79
COXSACKIE___GT 23611	24.22 1.93 -2.80	21.98 1.77 -1.93	20.26 1.59 -1.39	19.63 1.40 -2.83	19.55 1.40 -2.63	19.59 1.52 -0.95	22.84 1.78 -2.38	24.00 2.02 0.00	24.87 2.03 0.00	27.15 2.13 0.00	31.02 2.59 0.00	34.10 2.99 0.00	36.62 3.30 0.00	41.62 3.92 0.00	45.79 4.30 -3.05	50.25 4.35 -6.75	51.90 4.15 -10.73	50.08 4.20 -8.41	42.41 3.73 -4.51	37.81 3.43 -2.67	35.83 3.03 -3.66	31.43 2.71 -2.16	26.44 2.09 -2.81	25.13 1.81 -4.10
CRESCENT___HYD 24018	23.99 1.15 -3.35	21.64 1.06 -2.30	19.93 0.98 -1.66	19.65 0.88 -3.38	19.56 0.90 -3.14	19.24 0.99 -1.13	22.65 1.12 -2.84	23.21 1.23 0.00	24.00 1.16 0.00	26.27 1.25 0.00	29.94 1.51 0.00	32.76 1.65 0.00	35.02 1.70 0.00	39.69 2.00 0.00	41.01 2.11 -0.46	42.26 2.07 -1.03	40.64 1.92 -1.69	40.78 1.98 -1.32	36.73 1.84 -0.71	33.78 1.65 -0.42	31.21 1.49 -0.57	28.25 1.35 -0.34	22.90 1.12 -0.25	25.17 1.06 -4.89
CRUCIBLE_METL_DRP 24180	19.79 0.06 -0.24	18.47 0.02 -0.17	17.40 0.00 -0.12	15.64 0.00 -0.25	15.75 0.00 -0.23	17.20 0.00 -0.08	18.91 0.02 -0.21	22.09 0.11 0.00	23.00 0.16 0.00	25.22 0.20 0.00	28.64 0.20 0.00	31.30 0.19 0.00	33.69 0.37 0.00	38.11 0.42 0.00	38.82 0.38 0.00	39.58 0.43 0.00	37.47 0.45 0.00	37.92 0.45 0.00	34.52 0.34 0.00	32.00 0.28 0.00	29.41 0.26 0.00	26.79 0.24 0.00	21.75 0.15 -0.06	19.68 0.10 -0.36
DANC___LFGE 323619	19.55 -0.06 -0.11	18.25 -0.11 -0.08	17.15 -0.19 -0.06	15.25 -0.26 -0.12	15.37 -0.26 -0.11	16.93 -0.22 -0.04	18.67 -0.11 -0.10	22.00 0.02 0.00	23.04 0.21 0.00	25.30 0.28 0.00	28.98 0.54 0.00	31.73 0.62 0.00	33.89 0.57 0.00	38.22 0.53 0.00	38.40 -0.04 0.00	39.00 -0.16 0.00	36.99 -0.04 0.00	37.36 -0.11 0.00	33.66 -0.51 0.00	31.17 -0.54 0.00	28.65 -0.50 0.00	26.16 -0.40 0.00	21.34 -0.19 0.00	19.04 -0.35 -0.17
DANSKAMMER___1 23586	24.44 2.34 -2.61	22.25 2.17 -1.80	20.58 2.00 -1.30	19.79 1.75 -2.64	19.75 1.77 -2.45	19.94 1.93 -0.89	23.07 2.17 -2.22	24.55 2.57 0.00	25.53 2.69 0.00	28.02 3.00 0.00	31.93 3.50 0.00	34.97 3.86 0.00	37.55 4.23 0.00	42.60 4.90 0.00	48.95 5.15 -5.36	56.18 5.17 -11.86	60.83 4.96 -18.83	57.19 4.95 -14.77	46.67 4.58 -7.92	40.68 4.28 -4.69	39.44 3.88 -6.42	33.86 3.50 -3.80	28.96 2.78 -4.64	25.45 2.40 -3.82
DANSKAMMER___2 23589	24.44 2.34 -2.61	22.25 2.17 -1.80	20.58 2.00 -1.30	19.79 1.75 -2.64	19.75 1.77 -2.45	19.94 1.93 -0.89	23.07 2.17 -2.22	24.55 2.57 0.00	25.53 2.69 0.00	28.02 3.00 0.00	31.93 3.50 0.00	34.97 3.86 0.00	37.55 4.23 0.00	42.60 4.90 0.00	48.95 5.15 -5.36	56.18 5.17 -11.86	60.83 4.96 -18.83	57.19 4.95 -14.77	46.67 4.58 -7.92	40.68 4.28 -4.69	39.44 3.88 -6.42	33.86 3.50 -3.80	28.96 2.78 -4.64	25.45 2.40 -3.82

DANSKAMMER___3 23590	24.44 2.34 -2.61	22.25 2.17 -1.80	20.58 2.00 -1.30	19.79 1.75 -2.64	19.75 1.77 -2.45	19.94 1.93 -0.89	23.07 2.17 -2.22	24.55 2.57 0.00	25.53 2.69 0.00	28.02 3.00 0.00	31.93 3.50 0.00	34.97 3.86 0.00	37.55 4.23 0.00	42.60 4.90 0.00	48.95 5.15 -5.36	56.18 5.17 -11.86	60.83 4.96 -18.83	57.19 4.95 -14.77	46.67 4.58 -7.92	40.68 4.28 -4.69	39.44 3.88 -6.42	33.86 3.50 -3.80	28.96 2.78 -4.64	25.45 2.40 -3.82
DANSKAMMER___4 23591	24.44 2.34 -2.61	22.25 2.17 -1.80	20.58 2.00 -1.30	19.79 1.75 -2.64	19.75 1.77 -2.45	19.94 1.93 -0.89	23.07 2.17 -2.22	24.55 2.57 0.00	25.53 2.69 0.00	28.02 3.00 0.00	31.93 3.50 0.00	34.97 3.86 0.00	37.55 4.23 0.00	42.60 4.90 0.00	48.95 5.15 -5.36	56.18 5.17 -11.86	60.83 4.96 -18.83	57.19 4.95 -14.77	46.67 4.58 -7.92	40.68 4.28 -4.69	39.44 3.88 -6.42	33.86 3.50 -3.80	28.96 2.78 -4.64	25.45 2.40 -3.82
DANSKAMMER___DIESEL 23592	24.44 2.34 -2.61	22.25 2.17 -1.80	20.58 2.00 -1.30	19.79 1.75 -2.64	19.75 1.77 -2.45	19.94 1.93 -0.89	23.07 2.17 -2.22	24.55 2.57 0.00	25.53 2.69 0.00	28.02 3.00 0.00	31.93 3.50 0.00	34.97 3.86 0.00	37.55 4.23 0.00	42.60 4.90 0.00	48.95 5.15 -5.36	56.18 5.17 -11.86	60.83 4.96 -18.83	57.19 4.95 -14.77	46.67 4.58 -7.92	40.68 4.28 -4.69	39.44 3.88 -6.42	33.86 3.50 -3.80	28.96 2.78 -4.64	25.45 2.40 -3.82
DASHVILLE___HYD 23610	24.28 2.12 -2.66	22.09 1.97 -1.83	20.44 1.83 -1.32	19.70 1.62 -2.69	19.65 1.63 -2.50	19.80 1.78 -0.90	22.89 1.94 -2.26	24.29 2.31 0.00	25.19 2.35 0.00	27.65 2.63 0.00	31.48 3.04 0.00	34.44 3.33 0.00	36.95 3.63 0.00	41.88 4.18 0.00	46.85 4.46 -3.96	52.39 4.46 -8.77	55.18 4.22 -13.93	52.63 4.23 -10.93	43.96 3.93 -5.86	38.85 3.68 -3.47	37.25 3.35 -4.75	32.44 3.08 -2.81	27.69 2.48 -3.67	25.29 2.17 -3.90
DELAWARE___LFGE 323621	21.71 1.05 -1.16	20.02 0.95 -0.80	18.74 0.92 -0.54	17.29 0.80 -1.10	17.35 0.81 -1.02	18.39 0.91 -0.37	20.61 0.97 -0.96	23.90 1.21 -0.71	25.07 1.23 -1.00	27.53 1.38 -1.13	31.53 1.62 -1.47	34.60 1.74 -1.75	37.57 1.86 -2.39	42.68 2.07 -2.91	43.77 2.04 -3.30	44.59 2.03 -3.41	42.66 1.96 -3.67	42.21 1.95 -2.79	37.73 1.78 -1.78	34.55 1.68 -1.16	31.65 1.54 -0.96	28.74 1.41 -0.78	23.47 1.16 -0.77	21.84 0.98 -1.63
DOGLEVILLE___HYD 23807	20.68 1.25 0.06	19.41 1.17 0.04	18.36 1.11 0.03	16.30 0.97 0.06	16.46 0.99 0.06	18.21 1.11 0.02	19.85 1.21 0.05	23.46 1.47 0.00	24.37 1.53 0.00	26.70 1.68 0.00	30.37 1.93 0.00	33.25 2.14 0.00	35.62 2.30 0.00	40.11 2.41 0.00	40.82 2.38 0.00	41.54 2.39 0.00	39.33 2.30 0.00	39.76 2.29 0.00	36.15 1.98 0.00	33.52 1.81 0.00	30.81 1.66 0.00	28.01 1.46 0.00	22.68 1.14 0.00	20.09 0.96 0.09
DUNKIRK___1 23563	22.22 0.29 -2.44	19.89 0.09 -1.52	17.67 0.14 -0.25	15.92 0.09 -0.43	16.05 0.12 -0.40	17.40 0.14 -0.14	20.08 0.17 -1.22	41.57 0.88 -18.70	50.25 0.91 -26.50	56.15 1.25 -29.88	68.21 0.83 -38.94	78.15 0.78 -46.26	98.22 1.67 -63.23	114.53 1.28 -75.55	117.32 1.15 -77.74	111.29 1.41 -70.73	105.79 1.55 -67.21	89.22 1.46 -50.29	70.03 1.27 -34.60	56.33 1.30 -23.32	45.65 0.99 -15.51	42.47 1.17 -14.75	29.96 0.67 -7.75	21.04 0.04 -1.78
DUNKIRK___2 23564	22.22 0.29 -2.44	19.89 0.09 -1.52	17.67 0.14 -0.25	15.92 0.09 -0.43	16.05 0.12 -0.40	17.40 0.14 -0.14	20.08 0.17 -1.22	41.57 0.88 -18.70	50.25 0.91 -26.50	56.15 1.25 -29.88	68.21 0.83 -38.94	78.15 0.78 -46.26	98.22 1.67 -63.23	114.53 1.28 -75.55	117.32 1.15 -77.74	111.29 1.41 -70.73	105.79 1.55 -67.21	89.22 1.46 -50.29	70.03 1.27 -34.60	56.33 1.30 -23.32	45.65 0.99 -15.51	42.47 1.17 -14.75	29.96 0.67 -7.75	21.04 0.04 -1.78
DUNKIRK___3 23565	22.23 0.21 -2.53	19.87 0.02 -1.57	17.62 0.09 -0.25	15.85 0.03 -0.42	16.00 0.08 -0.39	17.33 0.07 -0.14	20.02 0.08 -1.26	42.51 0.70 -19.83	51.65 0.73 -28.09	57.77 1.08 -31.67	70.34 0.62 -41.28	80.71 0.56 -49.04	101.78 1.43 -67.03	119.38 1.05 -80.62	122.31 0.92 -82.96	115.81 1.17 -75.48	110.08 1.33 -71.72	92.37 1.23 -53.66	72.21 1.06 -36.98	57.74 1.11 -24.92	46.54 0.81 -16.58	43.30 0.98 -15.77	30.33 0.52 -8.27	20.99 -0.06 -1.83
DUNKIRK___4 23566	22.23 0.21 -2.53	19.87 0.02 -1.57	17.62 0.09 -0.25	15.85 0.03 -0.42	16.00 0.08 -0.39	17.33 0.07 -0.14	20.02 0.08 -1.26	42.51 0.70 -19.83	51.65 0.73 -28.09	57.77 1.08 -31.67	70.34 0.62 -41.28	80.71 0.56 -49.04	101.78 1.43 -67.03	119.38 1.05 -80.62	122.31 0.92 -82.96	115.81 1.17 -75.48	110.08 1.33 -71.72	92.37 1.23 -53.66	72.21 1.06 -36.98	57.74 1.11 -24.92	46.54 0.81 -16.58	43.30 0.98 -15.77	30.33 0.52 -8.27	20.99 -0.06 -1.83
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.45 2.42 -2.54	22.28 2.25 -1.75	20.63 2.09 -1.26	19.81 1.85 -2.57	19.79 1.88 -2.38	20.03 2.05 -0.86	23.08 2.24 -2.16	24.66 2.68 0.00	25.60 2.76 0.00	28.10 3.08 0.00	31.96 3.53 0.00	34.94 3.83 0.00	37.49 4.16 0.00	42.45 4.75 0.00	50.16 4.99 -6.73	59.05 5.01 -14.89	65.44 4.78 -23.64	60.81 4.80 -18.54	48.59 4.48 -9.94	41.81 4.22 -5.88	41.05 3.85 -8.06	34.83 3.50 -4.77	30.06 2.82 -5.70	25.42 2.48 -3.72
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.11 2.11 -2.52	21.97 1.96 -1.73	20.35 1.81 -1.25	19.52 1.59 -2.54	19.50 1.61 -2.36	19.73 1.76 -0.85	22.79 1.96 -2.14	24.31 2.33 0.00	25.25 2.42 0.00	27.73 2.70 0.00	31.57 3.13 0.00	34.53 3.42 0.00	37.05 3.73 0.00	41.99 4.30 0.00	48.03 4.49 -5.10	54.94 4.50 -11.29	59.25 4.29 -17.93	55.84 4.31 -14.06	45.74 4.03 -7.54	39.94 3.77 -4.46	38.70 3.44 -6.11	33.30 3.13 -3.62	28.53 2.52 -4.47	25.10 2.19 -3.68
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.21 2.53 -8.19	28.08 2.30 -7.50	20.75 2.14 -1.32	19.95 1.88 -2.68	19.93 1.91 -2.50	20.27 2.09 -1.07	23.31 2.30 -2.33	25.28 2.81 -0.49	41.51 2.85 -15.82	43.04 3.10 -14.92	46.49 3.58 -14.47	47.24 3.83 -12.31	48.92 4.06 -11.54	51.29 4.60 -8.99	53.00 4.84 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.67 4.58 -11.92	47.28 4.19 -11.38	46.42 3.85 -13.43	45.79 3.64 -15.60	43.54 2.86 -19.14	40.53 2.59 -18.71
EAST HAMPTON___GT 23717	29.93 4.68 -5.76	27.24 4.19 -4.78	25.13 3.87 -3.98	22.63 3.39 -3.85	22.62 3.41 -3.68	23.79 3.80 -2.87	26.69 4.21 -3.80	32.13 5.41 -4.74	41.36 5.94 -12.59	42.35 6.86 -10.47	45.07 7.93 -8.70	50.67 9.08 -10.47	59.87 10.09 -16.46	73.70 11.46 -24.55	98.22 12.10 -47.69	97.94 12.18 -46.61	124.63 11.48 -76.12	105.50 11.61 -56.42	81.85 10.63 -37.05	62.00 9.74 -20.55	53.91 8.72 -16.05	49.20 7.81 -14.84	42.53 6.01 -14.98	39.96 4.90 -15.83
EAST RIVER___6 23660	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.30 1.96 -5.94	23.47 1.97 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.18 2.86 -15.35	41.63 2.97 -15.83	43.25 3.30 -14.93	46.29 3.81 -14.04	47.19 4.14 -11.94	49.01 4.50 -11.19	51.55 5.13 -8.73	53.45 5.38 -9.64	61.70 5.40 -17.14	69.53 5.15 -27.36	63.87 5.17 -21.22	50.82 4.78 -11.86	47.43 4.50 -11.22	46.53 4.11 -13.27	45.57 3.74 -15.27	43.28 3.02 -18.73	40.56 2.61 -18.72

EAST RIVER___7 23524	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.30 1.96 -5.94	23.47 1.97 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.18 2.86 -15.35	41.63 2.97 -15.83	43.25 3.30 -14.93	46.29 3.81 -14.04	47.19 4.14 -11.94	49.01 4.50 -11.19	51.55 5.13 -8.73	53.45 5.38 -9.64	61.70 5.40 -17.14	69.53 5.15 -27.36	63.87 5.17 -21.22	50.82 4.78 -11.86	47.43 4.50 -11.22	46.53 4.11 -13.27	45.57 3.74 -15.27	43.28 3.02 -18.73	40.56 2.61 -18.72
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.34 2.32 -2.54	22.16 2.14 -1.75	20.53 1.99 -1.26	19.71 1.75 -2.56	19.69 1.78 -2.38	19.93 1.95 -0.86	22.99 2.15 -2.15	24.53 2.55 0.00	25.46 2.62 0.00	27.95 2.93 0.00	31.79 3.35 0.00	34.75 3.64 0.00	37.28 3.96 0.00	42.22 4.52 0.00	49.91 4.76 -6.71	58.78 4.78 -14.86	65.17 4.55 -23.59	60.54 4.57 -18.50	48.36 4.27 -9.92	41.61 4.03 -5.87	40.86 3.67 -8.04	34.66 3.35 -4.76	29.94 2.71 -5.69	25.29 2.36 -3.71
EAST_HAMPTON___DIESEL 23722	29.93 4.68 -5.76	27.24 4.19 -4.78	25.13 3.87 -3.98	22.63 3.39 -3.85	22.62 3.41 -3.68	23.79 3.80 -2.87	26.69 4.21 -3.80	32.13 5.41 -4.74	41.36 5.94 -12.59	42.35 6.86 -10.47	45.07 7.93 -8.70	50.67 9.08 -10.47	59.91 10.13 -16.46	73.74 11.50 -24.55	98.26 12.14 -47.69	97.94 12.18 -46.61	124.67 11.51 -76.12	105.54 11.65 -56.42	81.85 10.63 -37.05	62.03 9.77 -20.55	53.91 8.72 -16.05	49.20 7.81 -14.84	42.55 6.03 -14.98	39.97 4.92 -15.83
EAST_RIVER___1 323558	30.24 2.59 -8.16	28.15 2.39 -7.47	26.66 2.25 -7.13	23.31 1.99 -5.92	23.48 2.00 -5.95	24.46 2.19 -5.16	28.00 2.41 -6.90	40.11 2.88 -15.25	41.53 2.97 -15.73	43.16 3.30 -14.83	46.17 3.78 -13.95	47.08 4.11 -11.87	48.91 4.47 -11.12	51.49 5.13 -8.67	53.40 5.34 -9.62	61.64 5.36 -17.13	69.48 5.11 -27.34	63.81 5.13 -21.21	50.80 4.78 -11.85	47.37 4.47 -11.18	46.47 4.08 -13.24	45.50 3.74 -15.20	43.20 3.02 -18.65	40.48 2.63 -18.63
EAST_RIVER___2 323559	30.24 2.55 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.30 1.96 -5.94	23.47 1.97 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.18 2.86 -15.35	41.63 2.97 -15.83	43.25 3.30 -14.93	46.29 3.81 -14.04	47.19 4.14 -11.94	49.01 4.50 -11.19	51.55 5.13 -8.73	53.45 5.38 -9.64	61.70 5.40 -17.14	69.53 5.15 -27.36	63.87 5.17 -21.22	50.82 4.78 -11.86	47.43 4.50 -11.22	46.53 4.11 -13.27	45.57 3.74 -15.27	43.28 3.02 -18.73	40.56 2.61 -18.72
EAST___DELAWARE_HYD 23607	23.21 1.09 -2.63	21.08 0.99 -1.81	19.47 0.88 -1.31	18.82 0.77 -2.66	18.76 0.76 -2.47	18.86 0.86 -0.89	21.91 0.99 -2.24	23.19 1.21 0.00	25.10 2.26 0.00	27.60 2.58 0.00	31.45 3.01 0.00	34.47 3.36 0.00	36.99 3.67 0.00	41.96 4.26 0.00	45.06 2.46 -4.16	50.83 2.47 -9.21	54.05 2.41 -14.62	51.37 2.43 -11.47	44.45 4.13 -6.15	39.22 3.87 -3.64	37.63 3.50 -4.98	32.64 3.13 -2.95	27.81 2.45 -3.82	25.15 2.08 -3.85
ELEC_TRO_TEK 24086	45.01 2.67 -22.85	40.55 2.47 -19.80	41.02 2.32 -21.42	26.09 2.06 -8.63	26.07 2.08 -8.46	26.78 2.28 -7.39	28.99 2.50 -7.80	33.34 2.90 -8.46	40.12 2.97 -14.32	41.17 3.28 -12.87	47.19 3.70 -15.06	52.62 4.04 -17.47	58.85 4.36 -21.16	69.35 4.98 -26.68	91.31 5.19 -47.69	90.97 5.21 -46.61	118.08 4.93 -76.12	98.87 4.98 -56.42	75.91 4.68 -37.05	61.90 4.38 -25.81	55.29 4.02 -22.12	60.53 3.67 -30.31	50.57 3.04 -25.99	47.22 2.65 -25.35
ELLENBURG_WT_PWR 323604	18.73 -0.72 0.04	17.73 -0.55 0.00	16.78 -0.50 0.00	14.98 -0.41 0.00	15.07 -0.45 0.00	16.65 -0.46 0.00	18.20 -0.49 0.00	21.32 -0.66 0.00	22.24 -0.59 0.00	24.35 -0.67 0.00	27.61 -0.83 0.00	30.30 -0.81 0.00	32.22 -1.10 0.00	36.53 -1.17 0.00	37.20 -1.23 0.00	38.02 -1.14 0.00	35.88 -1.15 0.00	36.35 -1.12 0.00	33.15 -1.02 0.00	30.67 -1.05 0.00	28.24 -0.90 0.00	25.65 -0.90 0.00	20.78 -0.75 0.00	18.53 -0.69 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.33 -0.04 -2.88	19.85 -0.22 -1.79	17.39 -0.14 -0.25	15.65 -0.15 -0.41	15.78 -0.12 -0.38	17.08 -0.17 -0.14	19.89 -0.21 -1.41	46.76 0.31 -24.47	57.81 0.32 -34.66	64.76 0.65 -39.08	79.55 0.17 -50.94	91.68 0.06 -60.51	116.90 0.86 -82.71	138.24 0.42 -100.12	141.72 0.27 -103.02	133.40 0.51 -93.74	126.83 0.74 -89.06	104.71 0.60 -66.64	80.76 0.51 -46.07	63.34 0.57 -31.06	50.15 0.35 -20.66	46.73 0.53 -19.64	31.97 0.15 -10.28	20.90 -0.35 -2.03
EMPIRE_CC_1 323656	23.82 1.19 -3.14	21.56 1.12 -2.16	19.88 1.04 -1.56	19.49 0.92 -3.17	19.42 0.95 -2.95	19.21 1.03 -1.07	22.49 1.14 -2.67	23.28 1.30 0.00	23.82 0.98 0.00	26.05 1.03 0.00	29.66 1.22 0.00	32.45 1.34 0.00	34.65 1.33 0.00	39.28 1.58 0.00	40.09 1.65 0.00	40.76 1.61 0.00	38.51 1.48 0.00	39.01 1.54 0.00	35.64 1.47 0.00	33.07 1.36 0.00	30.43 1.28 0.00	27.69 1.14 0.00	22.28 0.95 0.21	24.70 0.88 -4.60
EMPIRE_CC_2 323658	23.82 1.19 -3.14	21.56 1.12 -2.16	19.88 1.04 -1.56	19.49 0.92 -3.17	19.42 0.95 -2.95	19.21 1.03 -1.07	22.49 1.14 -2.67	23.28 1.30 0.00	23.82 0.98 0.00	26.05 1.03 0.00	29.66 1.22 0.00	32.45 1.34 0.00	34.65 1.33 0.00	39.28 1.58 0.00	40.09 1.65 0.00	40.76 1.61 0.00	38.51 1.48 0.00	39.01 1.54 0.00	35.64 1.47 0.00	33.07 1.36 0.00	30.43 1.28 0.00	27.69 1.14 0.00	22.28 0.95 0.21	24.70 0.88 -4.60
ERIE_WT_PWR 323693	22.00 0.10 -2.41	19.69 -0.09 -1.50	17.51 -0.02 -0.25	15.77 -0.05 -0.42	15.90 -0.02 -0.39	17.21 -0.05 -0.14	19.82 -0.07 -1.21	39.52 0.48 -17.06	47.50 0.50 -24.17	53.13 0.85 -27.25	64.35 0.40 -35.52	73.61 0.31 -42.19	92.13 1.13 -57.67	108.23 0.71 -69.82	110.85 0.58 -71.84	105.38 0.86 -65.37	100.17 1.04 -62.11	84.88 0.94 -46.47	66.82 0.79 -31.86	54.04 0.86 -21.48	44.01 0.58 -14.29	40.91 0.77 -13.58	29.01 0.32 -7.14	20.79 -0.19 -1.76
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.53 0.45 -0.59	19.04 0.37 -0.40	17.87 0.35 -0.24	16.16 0.28 -0.49	16.29 0.31 -0.45	17.62 0.34 -0.16	19.55 0.41 -0.45	23.55 0.64 -0.93	24.84 0.68 -1.32	27.29 0.78 -1.49	31.24 0.85 -1.95	34.32 0.90 -2.31	37.65 1.17 -3.16	42.80 1.28 -3.82	43.60 1.23 -3.93	44.06 1.33 -3.58	41.76 1.33 -3.40	41.33 1.31 -2.54	37.02 1.09 -1.76	33.88 0.98 -1.18	30.81 0.87 -0.79	28.13 0.82 -0.75	22.64 0.60 -0.50	20.41 0.42 -0.77
E_CANADA_CAP_HY 24051	24.16 0.58 -4.08	21.53 0.44 -2.81	19.69 0.38 -2.03	19.83 0.31 -4.13	19.70 0.34 -3.83	18.94 0.44 -1.38	22.75 0.60 -3.47	22.66 0.68 0.00	23.59 0.75 0.00	25.87 0.85 0.00	29.55 1.11 0.00	32.42 1.31 0.00	34.62 1.30 0.00	38.90 1.21 0.00	39.76 1.07 -0.25	40.88 1.17 -0.55	38.96 1.07 -0.86	39.19 1.05 -0.68	35.39 0.85 -0.36	32.59 0.67 -0.21	30.23 0.79 -0.29	27.44 0.72 -0.17	22.31 0.60 -0.17	25.73 0.54 -5.97
E_CANADA_MHWK_HY 24050	20.68 1.25 0.06	19.41 1.17 0.04	18.36 1.11 0.03	16.30 0.97 0.06	16.46 0.99 0.06	18.21 1.11 0.02	19.85 1.21 0.05	23.46 1.47 0.00	24.37 1.53 0.00	26.70 1.68 0.00	30.37 1.93 0.00	33.25 2.14 0.00	35.62 2.30 0.00	40.11 2.41 0.00	40.82 2.38 0.00	41.54 2.39 0.00	39.33 2.30 0.00	39.76 2.29 0.00	36.15 1.98 0.00	33.52 1.81 0.00	30.81 1.66 0.00	28.01 1.46 0.00	22.68 1.14 0.00	20.09 0.96 0.09

E_FISHKILL___LBMP 23776	24.17 2.09 -2.59	22.00 1.94 -1.79	20.38 1.81 -1.29	19.62 1.60 -2.62	19.59 1.63 -2.43	19.77 1.78 -0.88	22.85 1.96 -2.20	24.29 2.31 0.00	25.21 2.37 0.00	27.65 2.63 0.00	31.45 3.01 0.00	34.38 3.27 0.00	36.85 3.53 0.00	41.73 4.04 0.00	49.53 4.23 -6.87	58.57 4.23 -15.19	65.15 4.00 -24.12	60.44 4.05 -18.92	48.11 3.79 -10.14	41.26 3.55 -6.00	40.63 3.26 -8.22	34.40 2.97 -4.87	29.80 2.43 -5.83	25.15 2.13 -3.79
FAR ROCKAWAY___4 23548	67.70 3.10 -45.11	60.54 2.87 -39.39	64.13 2.69 -44.15	32.63 2.37 -14.86	32.61 2.39 -14.70	33.02 2.63 -13.27	34.57 2.88 -13.00	38.68 3.38 -13.31	42.91 3.49 -16.58	44.93 3.90 -16.01	55.94 4.15 -23.35	62.29 4.60 -26.58	65.65 5.03 -27.29	72.89 5.73 -29.46	92.00 5.88 -47.69	91.71 5.95 -46.61	118.82 5.67 -76.12	99.62 5.73 -56.42	76.62 5.40 -37.05	69.43 5.04 -32.67	63.77 4.60 -30.02	81.19 4.17 -50.47	65.28 3.40 -40.34	59.90 2.92 -37.75
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.30 2.61 -8.19	28.20 2.41 -7.51	26.71 2.26 -7.17	23.34 2.00 -5.95	23.53 2.03 -5.97	24.52 2.22 -5.18	28.05 2.43 -6.93	40.25 2.92 -15.35	41.68 3.01 -15.83	43.31 3.35 -14.93	46.32 3.84 -14.04	47.22 4.17 -11.94	49.04 4.53 -11.19	51.59 5.16 -8.73	53.49 5.42 -9.64	61.73 5.44 -17.14	69.57 5.18 -27.36	63.90 5.21 -21.22	50.85 4.82 -11.86	47.46 4.53 -11.22	46.56 4.14 -13.27	45.62 3.80 -15.27	43.33 3.06 -18.73	40.62 2.67 -18.72
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.30 2.61 -8.19	28.20 2.41 -7.51	26.71 2.26 -7.17	23.34 2.00 -5.95	23.52 2.02 -5.97	24.51 2.21 -5.18	28.05 2.43 -6.93	40.23 2.90 -15.35	41.65 2.99 -15.83	43.28 3.33 -14.93	46.29 3.81 -14.04	47.19 4.14 -11.94	49.01 4.50 -11.19	51.55 5.13 -8.73	53.45 5.38 -9.64	61.70 5.40 -17.14	69.53 5.15 -27.36	63.87 5.17 -21.22	50.85 4.82 -11.86	47.46 4.53 -11.22	46.56 4.14 -13.27	45.59 3.77 -15.27	43.33 3.06 -18.73	40.62 2.67 -18.72
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.28 2.59 -8.19	28.18 2.39 -7.51	26.70 2.25 -7.17	23.31 1.97 -5.95	23.50 2.00 -5.97	24.49 2.19 -5.18	28.03 2.41 -6.93	40.21 2.88 -15.35	41.63 2.97 -15.83	43.25 3.30 -14.93	46.26 3.78 -14.04	47.16 4.11 -11.94	48.98 4.47 -11.19	51.51 5.09 -8.73	53.38 5.31 -9.64	61.62 5.32 -17.14	69.46 5.07 -27.36	63.79 5.10 -21.22	50.78 4.75 -11.86	47.40 4.47 -11.22	46.50 4.08 -13.27	45.54 3.72 -15.27	43.28 3.02 -18.73	40.58 2.63 -18.72
FARRAGUT___LBMP 323566	30.26 2.57 -8.19	28.16 2.38 -7.51	26.68 2.23 -7.17	23.30 1.96 -5.95	23.49 1.99 -5.97	24.47 2.17 -5.18	28.01 2.39 -6.93	40.17 2.84 -15.35	41.59 2.92 -15.83	43.20 3.25 -14.93	46.20 3.72 -14.04	47.09 4.04 -11.94	48.91 4.40 -11.19	51.44 5.01 -8.73	53.30 5.23 -9.64	61.54 5.25 -17.14	69.39 5.00 -27.36	63.72 5.02 -21.22	50.71 4.68 -11.86	47.34 4.41 -11.22	46.47 4.05 -13.27	45.51 3.69 -15.27	43.26 2.99 -18.73	40.56 2.61 -18.72
FENNER___WINDPWR 24204	20.05 0.41 -0.15	18.73 0.35 -0.10	17.65 0.29 -0.07	15.78 0.23 -0.15	15.91 0.25 -0.14	17.46 0.29 -0.05	19.17 0.35 -0.13	22.49 0.51 0.00	23.43 0.59 0.00	25.70 0.68 0.00	29.26 0.83 0.00	32.01 0.90 0.00	34.35 1.03 0.00	38.83 1.13 0.00	39.43 1.00 0.00	40.17 1.02 0.00	38.03 1.00 0.00	38.44 0.97 0.00	34.92 0.75 0.00	32.38 0.67 0.00	29.76 0.61 0.00	27.11 0.56 0.00	22.03 0.45 -0.04	19.75 0.31 -0.22
FIBERTEK___ENERGY 23856	19.79 0.06 -0.24	18.47 0.02 -0.17	17.40 0.00 -0.12	15.64 0.00 -0.25	15.75 0.00 -0.23	17.20 0.00 -0.08	18.91 0.02 -0.21	22.09 0.11 0.00	23.00 0.16 0.00	25.22 0.20 0.00	28.64 0.20 0.00	31.30 0.19 0.00	33.69 0.37 0.00	38.11 0.42 0.00	38.82 0.38 0.00	39.58 0.43 0.00	37.47 0.45 0.00	37.92 0.45 0.00	34.52 0.34 0.00	32.00 0.28 0.00	29.41 0.26 0.00	26.79 0.24 0.00	21.75 0.15 -0.06	19.68 0.10 -0.36
FITZPATRICK____ 23598	19.17 -0.47 -0.15	17.91 -0.48 -0.11	16.91 -0.45 -0.08	15.15 -0.40 -0.15	15.28 -0.39 -0.14	16.72 -0.45 -0.05	18.33 -0.49 -0.13	21.45 -0.53 0.00	22.31 -0.52 0.00	24.47 -0.55 0.00	27.78 -0.65 0.00	30.36 -0.75 0.00	32.62 -0.70 0.00	36.87 -0.83 0.00	37.55 -0.88 0.00	38.29 -0.86 0.00	36.25 -0.78 0.00	36.68 -0.79 0.00	33.42 -0.75 0.00	30.98 -0.73 0.00	28.48 -0.67 0.00	25.97 -0.58 0.00	21.10 -0.47 -0.04	19.04 -0.40 -0.22
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.49 2.38 -2.62	22.29 2.21 -1.80	20.62 2.04 -1.30	19.82 1.79 -2.64	19.78 1.80 -2.46	19.97 1.97 -0.89	23.13 2.22 -2.22	24.62 2.64 0.00	25.57 2.74 0.00	28.07 3.05 0.00	31.99 3.55 0.00	35.03 3.92 0.00	37.65 4.33 0.00	42.71 5.01 0.00	49.19 5.27 -5.49	56.62 5.32 -12.15	61.39 5.07 -19.29	57.70 5.10 -15.13	46.97 4.68 -8.11	40.89 4.38 -4.80	39.69 3.96 -6.58	34.03 3.58 -3.89	29.12 2.84 -4.74	25.51 2.46 -3.83
FORT ORANGE____ 23900	23.85 1.17 -3.19	21.53 1.06 -2.19	19.87 1.00 -1.58	19.49 0.88 -3.22	19.42 0.90 -2.99	19.19 0.99 -1.08	22.49 1.10 -2.71	23.23 1.25 0.00	24.00 1.16 0.00	26.20 1.18 0.00	29.86 1.42 0.00	32.66 1.55 0.00	34.95 1.63 0.00	39.62 1.92 0.00	41.25 2.04 -0.78	42.91 2.03 -1.72	41.66 1.89 -2.74	41.53 1.91 -2.15	37.10 1.78 -1.15	34.04 1.65 -0.68	31.57 1.49 -0.93	28.46 1.35 -0.55	23.18 1.10 -0.54	24.88 1.00 -4.66
FORT_DRUM_COGEN 23780	19.50 -0.10 -0.11	18.21 -0.15 -0.08	17.11 -0.23 -0.06	15.22 -0.29 -0.11	15.33 -0.30 -0.10	16.90 -0.26 -0.04	18.63 -0.15 -0.09	21.96 -0.02 0.00	23.02 0.18 0.00	25.25 0.22 0.00	28.92 0.48 0.00	31.67 0.56 0.00	33.82 0.50 0.00	38.15 0.45 0.00	38.36 -0.08 0.00	38.96 -0.19 0.00	36.95 -0.07 0.00	37.32 -0.15 0.00	33.63 -0.55 0.00	31.14 -0.57 0.00	28.62 -0.52 0.00	26.13 -0.43 0.00	21.30 -0.24 0.00	19.02 -0.37 -0.16
FPL_FAR_ROCK_GT1 24212	67.70 3.10 -45.11	60.54 2.87 -39.39	64.13 2.69 -44.15	32.63 2.37 -14.86	32.61 2.39 -14.70	33.02 2.63 -13.27	34.57 2.88 -13.00	38.68 3.38 -13.31	42.91 3.49 -16.58	44.93 3.90 -16.01	55.94 4.15 -23.35	62.29 4.60 -26.58	65.65 5.03 -27.29	72.89 5.73 -29.46	92.00 5.88 -47.69	91.71 5.95 -46.61	118.82 5.67 -76.12	99.62 5.73 -56.42	76.62 5.40 -37.05	69.43 5.04 -32.67	63.77 4.60 -30.02	81.19 4.17 -50.47	65.28 3.40 -40.34	59.90 2.92 -37.75
FPL_FAR_ROCK_GT2 23815	67.70 3.10 -45.11	60.54 2.87 -39.39	64.13 2.69 -44.15	32.63 2.37 -14.86	32.61 2.39 -14.70	33.02 2.63 -13.27	34.57 2.88 -13.00	38.68 3.38 -13.31	42.91 3.49 -16.58	44.93 3.90 -16.01	55.94 4.15 -23.35	62.29 4.60 -26.58	65.65 5.03 -27.29	72.89 5.73 -29.46	92.00 5.88 -47.69	91.71 5.95 -46.61	118.82 5.67 -76.12	99.62 5.73 -56.42	76.62 5.40 -37.05	69.43 5.04 -32.67	63.77 4.60 -30.02	81.19 4.17 -50.47	65.28 3.40 -40.34	59.90 2.92 -37.75
FRANKLIN_FALL_HYD 24054	14.46 -0.90 4.13	14.51 -0.69 3.08	14.51 -0.64 2.13	14.48 -0.55 0.36	14.48 -0.59 0.45	14.54 -0.60 1.98	14.61 -0.62 3.46	20.54 -0.81 0.63	22.13 -0.71 0.00	24.20 -0.83 0.00	27.15 -1.02 0.27	30.08 -1.03 0.00	31.92 -1.40 0.00	34.78 -1.51 1.41	33.77 -1.54 3.12	35.33 -1.41 2.42	35.55 -1.48 0.00	36.05 -1.42 0.00	32.87 -1.30 0.00	30.41 -1.30 0.00	28.04 -1.11 0.00	24.93 -1.09 0.53	20.63 -0.90 0.00	16.45 -0.86 1.91



GLENWOOD_IC_1_G5 23712	37.64 2.71 -15.44	34.07 2.50 -13.29	33.47 2.33 -13.85	24.02 2.06 -6.56	24.00 2.09 -6.39	24.84 2.29 -5.43	27.27 2.52 -6.06	31.82 2.99 -6.85	39.49 3.08 -13.57	40.28 3.43 -11.83	44.67 3.93 -12.30	49.65 4.11 -14.43	56.91 4.47 -19.12	68.54 5.09 -25.76	91.46 5.34 -47.69	91.13 5.36 -46.61	118.26 5.11 -76.12	99.02 5.13 -56.42	76.01 4.78 -37.05	59.71 4.47 -23.53	52.71 4.08 -19.49	53.95 3.80 -23.60	45.90 3.14 -21.22	43.17 2.73 -21.22
GLENWOOD_IC_2_G1 23688	31.61 2.57 -9.54	28.76 2.38 -8.10	27.35 2.23 -7.84	22.27 1.97 -4.91	22.25 1.99 -4.73	23.18 2.19 -3.87	25.76 2.39 -4.69	30.38 2.84 -5.56	38.73 2.92 -12.97	39.25 3.23 -11.00	42.24 3.70 -10.11	47.15 4.01 -12.02	55.19 4.36 -17.50	67.69 4.98 -25.02	91.31 5.19 -47.69	90.97 5.21 -46.61	118.12 4.96 -76.12	98.87 4.98 -56.42	75.87 4.65 -37.05	57.80 4.38 -21.71	50.53 3.99 -17.39	48.48 3.67 -18.26	41.93 2.97 -17.42	39.75 2.59 -17.94
GLENWOOD_IC_3_G1 23689	31.61 2.57 -9.54	28.76 2.38 -8.10	27.35 2.23 -7.84	22.27 1.97 -4.91	22.25 1.99 -4.73	23.18 2.19 -3.87	25.76 2.39 -4.69	30.38 2.84 -5.56	38.73 2.92 -12.97	39.25 3.23 -11.00	42.24 3.70 -10.11	47.15 4.01 -12.02	55.19 4.36 -17.50	67.69 4.98 -25.02	91.31 5.19 -47.69	90.97 5.21 -46.61	118.12 4.96 -76.12	98.87 4.98 -56.42	75.87 4.65 -37.05	57.80 4.38 -21.71	50.53 3.99 -17.39	48.48 3.67 -18.26	41.93 2.97 -17.42	39.75 2.59 -17.94
GLENWOOD___4 23550	37.64 2.71 -15.44	34.07 2.50 -13.29	33.47 2.33 -13.85	24.02 2.06 -6.56	24.00 2.09 -6.39	24.84 2.29 -5.43	27.27 2.52 -6.06	31.82 2.99 -6.85	39.49 3.08 -13.57	40.28 3.43 -11.83	44.67 3.93 -12.30	49.71 4.17 -14.43	56.98 4.53 -19.12	68.66 5.20 -25.76	91.54 5.42 -47.69	91.25 5.48 -46.61	118.34 5.18 -76.12	99.10 5.21 -56.42	76.08 4.85 -37.05	59.78 4.53 -23.53	52.77 4.14 -19.49	53.98 3.82 -23.60	45.90 3.14 -21.22	43.17 2.73 -21.22
GLENWOOD___5 23614	37.64 2.71 -15.44	34.07 2.50 -13.29	33.47 2.33 -13.85	24.02 2.06 -6.56	24.00 2.09 -6.39	24.84 2.29 -5.43	27.27 2.52 -6.06	31.82 2.99 -6.85	39.49 3.08 -13.57	40.28 3.43 -11.83	44.67 3.93 -12.30	49.71 4.17 -14.43	56.98 4.53 -19.12	68.66 5.20 -25.76	91.54 5.42 -47.69	91.25 5.48 -46.61	118.34 5.18 -76.12	99.10 5.21 -56.42	76.08 4.85 -37.05	59.78 4.53 -23.53	52.77 4.14 -19.49	53.98 3.82 -23.60	45.90 3.14 -21.22	43.17 2.73 -21.22
GLOBAL GREEN_PORT_GT1 23814	29.89 4.64 -5.76	27.21 4.15 -4.78	25.10 3.84 -3.98	22.60 3.36 -3.85	22.60 3.40 -3.68	23.77 3.78 -2.87	26.69 4.21 -3.80	32.09 5.36 -4.74	41.27 5.85 -12.59	42.24 6.76 -10.47	44.93 7.79 -8.70	50.58 8.99 -10.48	59.78 10.00 -16.46	73.59 11.35 -24.55	98.19 12.07 -47.69	97.87 12.10 -46.61	124.56 11.41 -76.12	105.43 11.54 -56.42	81.75 9.64 -37.05	61.90 8.63 -20.55	53.83 7.73 -16.05	49.12 5.97 -14.84	42.49 5.97 -14.98	39.92 4.86 -15.83
GLOBE___DSASP 323697	20.23 -0.76 -1.50	18.35 -0.88 -0.94	16.75 -0.74 -0.21	15.09 -0.69 -0.39	15.22 -0.67 -0.36	16.44 -0.80 -0.13	18.52 -0.97 -0.81	18.94 -0.72 2.31	18.76 -0.80 3.28	20.75 -0.57 3.70	22.43 -1.19 4.82	23.93 -1.46 5.72	24.74 -0.77 7.82	26.69 -1.43 9.57	26.89 -1.69 9.85	28.74 -1.45 8.96	27.36 -1.15 8.52	29.79 -1.31 6.37	28.56 -1.20 4.42	27.79 -0.95 2.98	26.12 -1.05 1.98	23.96 -0.72 1.88	19.79 -0.86 0.89	19.30 -1.13 -1.21
GOETHSLN___LBMP 323567	30.18 2.50 -8.19	28.13 2.34 -7.51	26.64 2.20 -7.17	23.28 1.94 -5.95	23.47 1.97 -5.97	24.46 2.16 -5.18	27.95 2.34 -6.93	40.08 2.75 -15.35	41.49 2.83 -15.83	43.10 3.15 -14.93	46.09 3.61 -14.04	46.94 3.89 -11.94	48.74 4.23 -11.19	51.25 4.83 -8.73	53.07 4.99 -9.64	56.48 4.97 -12.35	56.82 4.74 -15.05	57.57 4.76 -15.34	50.58 4.55 -11.86	47.21 4.28 -11.22	46.33 3.91 -13.27	45.41 3.58 -15.27	43.17 2.91 -18.73	40.48 2.54 -18.72
GOODYEAR_LAKE_HYD 323669	21.36 1.07 -0.80	19.77 0.95 -0.54	18.54 0.90 -0.36	16.90 0.77 -0.74	17.00 0.79 -0.69	18.27 0.91 -0.25	20.34 1.01 -0.65	23.26 1.27 0.00	24.18 1.35 0.00	26.55 1.53 0.00	30.26 1.82 0.00	33.10 1.99 0.00	35.42 2.10 0.00	39.96 2.26 0.00	40.88 2.15 -0.30	41.97 2.15 -0.66	40.15 2.07 -1.05	40.32 2.02 -0.82	36.42 1.81 -0.44	33.65 1.68 -0.26	31.05 1.54 -0.36	28.17 1.41 -0.21	23.14 1.18 -0.42	21.29 0.96 -1.11
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.09 0.60 -1.00	19.46 0.51 -0.67	18.22 0.52 -0.42	16.68 0.45 -0.84	16.79 0.48 -0.78	17.93 0.53 -0.28	20.02 0.56 -0.78	24.24 0.79 -1.47	25.73 0.82 -2.08	28.32 0.95 -2.34	32.49 0.99 -3.05	35.80 1.06 -3.63	39.65 1.37 -4.96	45.17 1.43 -6.04	46.11 1.46 -6.22	46.30 1.49 -5.66	43.92 1.52 -5.38	42.95 1.46 -4.02	38.29 1.37 -2.75	34.80 1.24 -1.85	31.49 1.11 -1.23	28.76 1.03 -1.17	23.12 0.77 -0.80	21.13 0.60 -1.31
GOUDEY___7 23579	21.09 0.60 -1.00	19.46 0.51 -0.67	18.22 0.52 -0.42	16.68 0.45 -0.84	16.79 0.48 -0.78	17.93 0.53 -0.28	20.02 0.56 -0.78	24.24 0.79 -1.47	25.73 0.82 -2.08	28.32 0.95 -2.34	32.49 0.99 -3.05	35.80 1.06 -3.63	39.65 1.37 -4.96	45.17 1.43 -6.04	46.11 1.46 -6.22	46.30 1.49 -5.66	43.92 1.52 -5.38	42.95 1.46 -4.02	38.29 1.37 -2.75	34.80 1.24 -1.85	31.49 1.11 -1.23	28.76 1.03 -1.17	23.12 0.77 -0.80	21.13 0.60 -1.31
GOUDEY___8 23580	21.09 0.60 -1.00	19.46 0.51 -0.67	18.22 0.52 -0.42	16.68 0.45 -0.84	16.79 0.48 -0.78	17.93 0.53 -0.28	20.02 0.56 -0.78	24.24 0.79 -1.47	25.73 0.82 -2.08	28.32 0.95 -2.34	32.49 0.99 -3.05	35.80 1.06 -3.63	39.65 1.37 -4.96	45.17 1.43 -6.04	46.11 1.46 -6.22	46.30 1.49 -5.66	43.92 1.52 -5.38	42.95 1.46 -4.02	38.29 1.37 -2.75	34.80 1.24 -1.85	31.49 1.11 -1.23	28.76 1.03 -1.17	23.12 0.77 -0.80	21.13 0.60 -1.31
GOWANUS_GT1_1 24077	30.55 2.69 -8.37	28.40 2.43 -7.69	26.88 2.25 -7.35	23.32 1.97 -5.95	23.49 1.99 -5.98	24.61 2.17 -5.32	28.18 2.41 -7.08	40.80 2.99 -15.83	42.26 3.11 -16.32	51.03 3.38 -22.63	51.22 3.90 -18.88	53.03 4.20 -17.72	53.00 4.50 -15.18	81.05 5.09 -38.27	120.98 5.31 -77.24	94.41 5.32 -49.93	81.31 5.07 -39.21	81.27 5.13 -38.66	81.08 4.78 -42.12	81.08 4.57 -44.80	109.71 4.22 -76.34	81.08 3.90 -50.62	88.66 3.14 -63.98	51.02 2.81 -28.99
GOWANUS_GT1_2 24078	30.55 2.69 -8.37	28.40 2.43 -7.69	26.88 2.25 -7.35	23.32 1.97 -5.95	23.49 1.99 -5.98	24.61 2.17 -5.32	28.18 2.41 -7.08	40.80 2.99 -15.83	42.26 3.11 -16.32	51.03 3.38 -22.63	51.22 3.90 -18.88	53.03 4.20 -17.72	53.00 4.50 -15.18	81.05 5.09 -38.27	120.98 5.31 -77.24	94.41 5.32 -49.93	81.31 5.07 -39.21	81.27 5.13 -38.66	81.08 4.78 -42.12	81.08 4.57 -44.80	109.71 4.22 -76.34	81.08 3.90 -50.62	88.66 3.14 -63.98	51.02 2.81 -28.99
GOWANUS_GT1_3 24079	30.55 2.69 -8.37	28.40 2.43 -7.69	26.88 2.25 -7.35	23.32 1.97 -5.95	23.49 1.99 -5.98	24.61 2.17 -5.32	28.18 2.41 -7.08	40.80 2.99 -15.83	42.26 3.11 -16.32	51.03 3.38 -22.63	51.22 3.90 -18.88	53.03 4.20 -17.72	53.00 4.50 -15.18	81.05 5.09 -38.27	120.98 5.31 -77.24	94.41 5.32 -49.93	81.31 5.07 -39.21	81.27 5.13 -38.66	81.08 4.78 -42.12	81.08 4.57 -44.80	109.71 4.22 -76.34	81.08 3.90 -50.62	88.66 3.14 -63.98	51.02 2.81 -28.99

GOWANUS_GT1_4 24080	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT1_5 24084	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT1_6 24111	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT1_7 24112	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT1_8 24113	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT2_1 24114	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT2_2 24115	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT2_3 24116	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT2_4 24117	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT2_5 24118	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT2_6 24119	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT2_7 24120	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT2_8 24121	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT3_1 24122	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT3_2 24123	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99

GOWANUS_GT3_3 24124	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT3_4 24125	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT3_5 24126	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT3_6 24127	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT3_7 24128	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT3_8 24129	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT4_1 24130	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT4_2 24131	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT4_3 24132	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT4_4 24133	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT4_5 24134	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT4_6 24135	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT4_7 24136	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GOWANUS_GT4_8 24137	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
GREENIDGE___3 23582	20.36	18.78	17.56	15.88	16.04	17.35	19.30	24.65	26.48	28.92	33.13	36.62	41.34	47.23	48.16	48.14	45.68	44.03	38.75	34.82	31.19	28.71	22.93	20.15
	0.14	0.02	0.03	0.00	0.06	0.07	0.09	0.42	0.46	0.30	0.00	-0.06	0.40	0.30	0.23	0.35	0.45	0.41	0.34	0.25	0.15	0.34	0.34	0.08
	-0.73	-0.48	-0.24	-0.49	-0.45	-0.16	-0.52	-2.25	-3.19	-3.60	-4.69	-5.57	-7.61	-9.23	-9.50	-8.64	-8.21	-6.14	-4.24	-2.86	-1.90	-1.81	-1.05	-0.85



GREENIDGE___4 23583	20.36 0.14 -0.73	18.78 0.02 -0.48	17.56 0.03 -0.24	15.88 0.00 -0.49	16.04 0.06 -0.45	17.35 0.07 -0.16	19.30 0.09 -0.52	24.65 0.42 -2.25	26.48 0.46 -3.19	28.92 0.30 -3.60	33.13 0.00 -4.69	36.62 -0.06 -5.57	41.34 0.40 -7.61	47.23 0.30 -9.23	48.16 0.23 -9.50	48.14 0.35 -8.64	45.68 0.45 -8.21	44.03 0.41 -6.14	38.75 0.34 -4.24	34.82 0.25 -2.86	31.19 0.15 -1.90	28.71 0.34 -1.81	22.93 0.34 -1.05	20.15 0.08 -0.85
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.55 2.69 -8.37	28.40 2.43 -7.69	26.88 2.25 -7.35	23.32 1.97 -5.95	23.49 1.99 -5.98	24.61 2.17 -5.32	28.18 2.41 -7.08	40.80 2.99 -15.83	42.26 3.11 -16.32	51.03 3.38 -22.63	51.22 3.90 -18.88	53.03 4.20 -17.72	53.00 4.50 -15.18	81.05 5.09 -38.27	120.98 5.31 -77.24	94.41 5.32 -49.93	81.31 5.07 -39.21	81.27 5.13 -38.66	81.08 4.78 -42.12	81.08 4.57 -44.80	109.71 4.22 -76.34	81.08 3.90 -50.62	88.66 3.14 -63.98	51.02 2.81 -28.99
GROVEVILLE___HYD 323602	24.49 2.38 -2.62	22.29 2.21 -1.80	20.62 2.04 -1.30	19.82 1.79 -2.64	19.78 1.80 -2.46	19.97 1.97 -0.89	23.13 2.22 -2.22	24.62 2.64 0.00	25.57 2.74 0.00	28.07 3.05 0.00	31.99 3.55 0.00	35.03 3.92 0.00	37.65 4.33 0.00	42.71 5.01 0.00	49.19 5.27 -5.49	56.62 5.32 -12.15	61.39 5.07 -19.29	57.70 5.10 -15.13	46.97 4.68 -8.11	40.89 4.38 -4.80	39.69 3.96 -6.58	34.03 3.58 -3.89	29.12 2.84 -4.74	25.51 2.46 -3.83
HAMPSHIRE___PAPER_HYD 323593	13.45 -1.91 4.13	13.52 -1.68 3.08	13.54 -1.61 2.13	13.62 -1.42 0.36	13.60 -1.48 0.45	13.55 -1.59 1.98	13.50 -1.72 3.46	19.15 -2.20 0.63	20.76 -2.08 0.00	22.67 -2.35 0.00	25.38 -2.79 0.27	28.25 -2.86 0.00	29.99 -3.33 0.00	32.48 -3.81 1.41	31.43 -3.88 3.12	32.94 -3.80 2.42	33.25 -3.78 0.00	33.80 -3.67 0.00	30.79 -3.38 0.00	28.51 -3.20 0.00	26.29 -2.86 0.00	23.39 -2.63 0.53	19.45 -2.09 0.00	15.43 -1.88 1.91
HARDSCRABBLE_WT_PWR 323673	20.44 1.01 0.06	19.19 0.95 0.04	18.15 0.90 0.03	16.13 0.80 0.06	16.27 0.81 0.06	18.00 0.91 0.02	19.62 0.99 0.05	23.19 1.21 0.00	24.09 1.26 0.00	26.42 1.40 0.00	30.06 1.62 0.00	32.91 1.80 0.00	35.25 1.93 0.00	39.73 2.03 0.00	40.39 1.96 0.00	41.15 2.00 0.00	38.92 1.89 0.00	39.34 1.87 0.00	35.78 1.61 0.00	33.14 1.43 0.00	30.43 1.28 0.00	27.64 1.09 0.00	22.38 0.84 0.00	19.82 0.69 0.09
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.04 2.16 -2.39	21.92 1.99 -1.65	20.32 1.85 -1.19	19.43 1.62 -2.41	19.41 1.64 -2.24	19.72 1.80 -0.81	22.73 2.02 -2.03	24.38 2.40 0.00	25.35 2.51 0.00	27.82 2.80 0.00	31.71 3.27 0.00	34.69 3.58 0.00	37.25 3.93 0.00	42.26 4.56 0.00	48.90 4.80 -5.66	56.50 4.81 -12.53	61.52 4.59 -19.90	57.68 4.61 -15.61	46.81 4.27 -8.37	40.63 3.96 -4.95	39.51 3.58 -6.78	33.83 3.27 -4.02	29.03 2.61 -4.88	24.97 2.25 -3.50
HARZA MOOSE___RIVER 24016	19.59 0.10 0.00	18.32 0.04 0.00	17.27 -0.02 0.00	15.33 -0.06 0.00	15.45 -0.08 0.00	17.08 -0.03 0.00	18.72 0.04 0.00	22.09 0.11 0.00	23.06 0.23 0.00	25.30 0.28 0.00	28.89 0.45 0.00	31.64 0.53 0.00	33.82 0.50 0.00	38.19 0.49 0.00	38.63 0.19 0.00	39.27 0.12 0.00	37.21 0.19 0.00	37.58 0.11 0.00	34.04 -0.14 0.00	31.55 -0.16 0.00	28.97 -0.17 0.00	26.42 -0.13 0.00	21.52 -0.02 0.00	19.09 -0.13 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.47 2.61 -8.37	28.34 2.38 -7.69	26.85 2.21 -7.35	23.29 1.94 -5.95	23.48 1.97 -5.98	24.59 2.16 -5.32	28.14 2.37 -7.08	40.71 2.90 -15.83	42.11 2.95 -16.32	43.62 3.20 -15.40	46.60 3.70 -14.47	47.38 3.95 -12.32	49.06 4.20 -11.54	51.45 4.75 -9.00	53.16 4.99 -9.73	61.38 5.01 -17.21	69.25 4.74 -27.48	63.62 4.84 -21.31	50.60 4.51 -11.92	47.38 4.28 -11.39	46.55 3.96 -13.44	45.84 3.69 -15.60	43.63 2.95 -19.14	41.09 2.67 -19.19
HEMPSTEAD____ 23647	39.27 2.77 -17.01	35.51 2.56 -14.67	35.15 2.40 -15.46	24.52 2.13 -7.00	24.49 2.14 -6.83	25.31 2.35 -5.84	27.70 2.58 -6.43	32.21 3.03 -7.19	39.69 3.13 -13.73	40.53 3.45 -12.05	45.22 3.90 -12.89	50.42 4.23 -15.08	57.48 4.60 -19.56	68.89 5.24 -25.95	91.58 5.46 -47.69	91.29 5.52 -46.61	118.37 5.22 -76.12	99.17 5.28 -56.42	76.15 4.92 -37.05	60.32 4.60 -24.02	53.39 4.20 -20.05	55.43 3.85 -25.03	46.94 3.17 -22.23	44.09 2.77 -22.10
HICKLING___1 23621	21.05 0.58 -0.98	19.36 0.44 -0.64	18.08 0.48 -0.32	16.43 0.40 -0.63	16.59 0.48 -0.59	17.86 0.53 -0.21	19.91 0.54 -0.68	26.14 0.94 -3.22	28.37 0.98 -4.56	31.34 1.18 -5.14	36.19 1.05 -6.70	40.15 1.09 -7.96	45.89 1.70 -10.87	52.61 1.70 -13.21	53.68 1.65 -13.60	53.33 1.80 -12.37	50.67 1.89 -11.75	48.06 1.80 -8.79	41.92 1.71 -6.03	37.27 1.49 -4.07	33.10 1.25 -2.71	30.40 1.27 -2.57	23.86 0.84 -1.48	20.86 0.52 -1.12
HICKLING___2 23622	21.05 0.58 -0.98	19.36 0.44 -0.64	18.08 0.48 -0.32	16.43 0.40 -0.63	16.59 0.48 -0.59	17.86 0.53 -0.21	19.91 0.54 -0.68	26.14 0.94 -3.22	28.37 0.98 -4.56	31.34 1.18 -5.14	36.19 1.05 -6.70	40.15 1.09 -7.96	45.89 1.70 -10.87	52.61 1.70 -13.21	53.68 1.65 -13.60	53.33 1.80 -12.37	50.67 1.89 -11.75	48.06 1.80 -8.79	41.92 1.71 -6.03	37.27 1.49 -4.07	33.10 1.25 -2.71	30.40 1.27 -2.57	23.86 0.84 -1.48	20.86 0.52 -1.12
HIGH FALLS___HY 23754	24.13 1.99 -2.66	21.94 1.83 -1.83	20.28 1.68 -1.32	19.55 1.48 -2.68	19.49 1.48 -2.49	19.66 1.64 -0.90	22.79 1.85 -2.25	24.20 2.22 0.00	25.42 2.58 0.00	27.95 2.93 0.00	31.85 3.41 0.00	34.87 3.76 0.00	37.45 4.13 0.00	42.49 4.79 0.00	46.84 4.46 -3.95	52.39 4.50 -8.74	55.24 4.33 -13.88	52.74 4.38 -10.89	44.59 4.58 -5.84	39.44 4.28 -3.45	37.76 3.88 -4.73	32.86 3.50 -2.80	27.95 2.74 -3.67	25.43 2.32 -3.88
HILLBURN___GT 23639	24.06 2.14 -2.42	21.92 1.97 -1.67	20.32 1.83 -1.20	19.46 1.62 -2.45	19.44 1.64 -2.27	19.73 1.80 -0.82	22.72 1.98 -2.06	24.36 2.37 0.00	25.30 2.47 0.00	27.75 2.73 0.00	31.59 3.16 0.00	34.50 3.39 0.00	37.05 3.73 0.00	41.96 4.26 0.00	48.80 4.49 -5.87	56.65 4.50 -12.99	61.95 4.29 -20.63	57.96 4.31 -16.18	46.88 4.03 -8.68	40.62 3.77 -5.13	39.62 3.44 -7.03	33.88 3.16 -4.16	29.15 2.56 -5.05	25.00 2.23 -3.54
HISHELDN_WT_PWR 323625	21.31 0.06 -1.76	19.28 -0.11 -1.11	17.49 -0.03 -0.25	15.77 -0.08 -0.45	15.91 -0.03 -0.42	17.20 -0.07 -0.15	19.53 -0.09 -0.94	34.77 0.37 -12.41	40.78 0.36 -17.58	45.50 0.65 -19.82	54.50 0.23 -25.84	61.89 0.09 -30.69	76.14 0.86 -41.95	88.90 0.45 -50.75	90.96 0.31 -52.22	87.21 0.55 -47.51	82.91 0.74 -45.15	71.89 0.64 -33.78	58.07 0.58 -23.32	48.03 0.60 -15.72	39.98 0.38 -10.46	37.06 0.56 -9.94	26.97 0.17 -5.26	20.38 -0.25 -1.41
HOLTSVILLE_IC_1 23690	28.20 3.00 -5.71	25.76 2.74 -4.74	23.77 2.56 -3.93	21.49 2.26 -3.83	21.48 2.30 -3.66	22.47 2.50 -2.86	25.22 2.75 -3.79	30.03 3.32 -4.73	38.87 3.45 -12.58	39.31 3.83 -10.46	41.27 4.15 -8.68	46.17 4.60 -10.45	54.70 4.93 -16.45	67.78 5.54 -24.54	91.92 5.80 -47.69	91.56 5.79 -46.61	118.67 5.52 -76.12	99.47 5.58 -56.42	76.42 5.19 -37.05	57.19 4.95 -20.54	49.72 4.54 -16.03	45.55 4.19 -14.80	40.09 3.60 -14.95	38.10 3.07 -15.80

HOLTSVILLE_IC_10 23699	28.61 3.18 -5.95	26.09 2.87 -4.94	24.13 2.68 -4.16	21.66 2.37 -3.90	21.66 2.41 -3.73	22.67 2.63 -2.92	25.43 2.90 -3.84	30.30 3.54 -4.78	39.12 3.68 -12.61	39.64 4.13 -10.49	41.70 4.49 -8.77	46.67 5.01 -10.55	55.20 5.37 -16.51	68.30 6.03 -24.57	92.42 6.30 -47.69	92.07 6.31 -46.61	119.15 6.00 -76.12	99.96 6.07 -56.42	76.86 5.64 -37.05	57.64 5.33 -20.61	50.16 4.90 -16.12	46.08 4.51 -15.01	40.45 3.81 -15.10	38.40 3.25 -15.93
HOLTSVILLE_IC_2 23691	28.20 3.00 -5.71	25.76 2.74 -4.74	23.77 2.56 -3.93	21.49 2.26 -3.83	21.48 2.30 -3.66	22.47 2.50 -2.86	25.22 2.75 -3.79	30.03 3.32 -4.73	38.87 3.45 -12.58	39.31 3.83 -10.46	41.27 4.15 -8.68	46.17 4.60 -10.45	54.70 4.93 -16.45	67.78 5.54 -24.54	91.92 5.80 -47.69	91.56 5.79 -46.61	118.67 5.52 -76.12	99.47 5.58 -56.42	76.42 5.19 -37.05	57.19 4.95 -20.54	49.72 4.54 -16.03	45.55 4.19 -14.80	40.09 3.60 -14.95	38.10 3.07 -15.80
HOLTSVILLE_IC_3 23692	28.20 3.00 -5.71	25.76 2.74 -4.74	23.77 2.56 -3.93	21.49 2.26 -3.83	21.48 2.30 -3.66	22.47 2.50 -2.86	25.22 2.75 -3.79	30.03 3.32 -4.73	38.87 3.45 -12.58	39.31 3.83 -10.46	41.27 4.15 -8.68	46.17 4.60 -10.45	54.70 4.93 -16.45	67.78 5.54 -24.54	91.92 5.80 -47.69	91.56 5.79 -46.61	118.67 5.52 -76.12	99.47 5.58 -56.42	76.42 5.19 -37.05	57.19 4.95 -20.54	49.72 4.54 -16.03	45.55 4.19 -14.80	40.09 3.60 -14.95	38.10 3.07 -15.80
HOLTSVILLE_IC_4 23693	28.20 3.00 -5.71	25.76 2.74 -4.74	23.77 2.56 -3.93	21.49 2.26 -3.83	21.48 2.30 -3.66	22.47 2.50 -2.86	25.22 2.75 -3.79	30.03 3.32 -4.73	38.87 3.45 -12.58	39.31 3.83 -10.46	41.27 4.15 -8.68	46.17 4.60 -10.45	54.70 4.93 -16.45	67.78 5.54 -24.54	91.92 5.80 -47.69	91.56 5.79 -46.61	118.67 5.52 -76.12	99.47 5.58 -56.42	76.42 5.19 -37.05	57.19 4.95 -20.54	49.72 4.54 -16.03	45.55 4.19 -14.80	40.09 3.60 -14.95	38.10 3.07 -15.80
HOLTSVILLE_IC_5 23694	28.20 3.00 -5.71	25.76 2.74 -4.74	23.77 2.56 -3.93	21.49 2.26 -3.83	21.48 2.30 -3.66	22.47 2.50 -2.86	25.22 2.75 -3.79	30.03 3.32 -4.73	38.87 3.45 -12.58	39.31 3.83 -10.46	41.27 4.15 -8.68	46.17 4.60 -10.45	54.70 4.93 -16.45	67.78 5.54 -24.54	91.92 5.80 -47.69	91.56 5.79 -46.61	118.67 5.52 -76.12	99.47 5.58 -56.42	76.42 5.19 -37.05	57.19 4.95 -20.54	49.72 4.54 -16.03	45.55 4.19 -14.80	40.09 3.60 -14.95	38.10 3.07 -15.80
HOLTSVILLE_IC_6 23695	28.61 3.18 -5.95	26.09 2.87 -4.94	24.13 2.68 -4.16	21.66 2.37 -3.90	21.66 2.41 -3.73	22.67 2.63 -2.92	25.43 2.90 -3.84	30.30 3.54 -4.78	39.12 3.68 -12.61	39.64 4.13 -10.49	41.70 4.49 -8.77	46.67 5.01 -10.55	55.20 5.37 -16.51	68.30 6.03 -24.57	92.42 6.30 -47.69	92.07 6.31 -46.61	119.15 6.00 -76.12	99.96 6.07 -56.42	76.86 5.64 -37.05	57.64 5.33 -20.61	50.16 4.90 -16.12	46.08 4.51 -15.01	40.45 3.81 -15.10	38.40 3.25 -15.93
HOLTSVILLE_IC_7 23696	28.61 3.18 -5.95	26.09 2.87 -4.94	24.13 2.68 -4.16	21.66 2.37 -3.90	21.66 2.41 -3.73	22.67 2.63 -2.92	25.43 2.90 -3.84	30.30 3.54 -4.78	39.12 3.68 -12.61	39.64 4.13 -10.49	41.70 4.49 -8.77	46.67 5.01 -10.55	55.20 5.37 -16.51	68.30 6.03 -24.57	92.42 6.30 -47.69	92.07 6.31 -46.61	119.15 6.00 -76.12	99.96 6.07 -56.42	76.86 5.64 -37.05	57.64 5.33 -20.61	50.16 4.90 -16.12	46.08 4.51 -15.01	40.45 3.81 -15.10	38.40 3.25 -15.93
HOLTSVILLE_IC_8 23697	28.61 3.18 -5.95	26.09 2.87 -4.94	24.13 2.68 -4.16	21.66 2.37 -3.90	21.66 2.41 -3.73	22.67 2.63 -2.92	25.43 2.90 -3.84	30.30 3.54 -4.78	39.12 3.68 -12.61	39.64 4.13 -10.49	41.70 4.49 -8.77	46.67 5.01 -10.55	55.20 5.37 -16.51	68.30 6.03 -24.57	92.42 6.30 -47.69	92.07 6.31 -46.61	119.15 6.00 -76.12	99.96 6.07 -56.42	76.86 5.64 -37.05	57.64 5.33 -20.61	50.16 4.90 -16.12	46.08 4.51 -15.01	40.45 3.81 -15.10	38.40 3.25 -15.93
HOLTSVILLE_IC_9 23698	28.61 3.18 -5.95	26.09 2.87 -4.94	24.13 2.68 -4.16	21.66 2.37 -3.90	21.66 2.41 -3.73	22.67 2.63 -2.92	25.43 2.90 -3.84	30.30 3.54 -4.78	39.12 3.68 -12.61	39.64 4.13 -10.49	41.70 4.49 -8.77	46.67 5.01 -10.55	55.20 5.37 -16.51	68.30 6.03 -24.57	92.42 6.30 -47.69	92.07 6.31 -46.61	119.15 6.00 -76.12	99.96 6.07 -56.42	76.86 5.64 -37.05	57.64 5.33 -20.61	50.16 4.90 -16.12	46.08 4.51 -15.01	40.45 3.81 -15.10	38.40 3.25 -15.93
HOWARD_WT_PWR 323690	21.10 0.60 -1.00	19.33 0.40 -0.65	17.99 0.43 -0.27	16.27 0.34 -0.53	16.44 0.42 -0.49	17.74 0.44 -0.18	19.84 0.50 -0.65	27.40 1.06 -4.36	30.11 1.10 -6.18	33.34 1.35 -6.97	38.60 1.08 -9.08	42.86 0.97 -10.79	49.80 1.73 -14.75	57.18 1.62 -17.86	58.39 1.58 -18.38	57.68 1.80 -16.72	54.77 1.85 -15.89	51.16 1.80 -11.89	43.98 1.61 -8.20	38.67 1.43 -5.53	33.96 1.14 -3.68	31.30 1.25 -3.50	24.17 0.69 -1.94	20.48 0.21 -1.04
HQ_GEN_CEDARS 23644	14.25 -1.11 4.13	14.25 -0.95 3.08	14.25 -0.90 2.13	14.25 -0.78 0.36	14.25 -0.82 0.45	14.25 -0.89 1.98	14.25 -0.97 3.46	20.12 -1.23 0.63	21.72 -1.12 0.00	23.75 -1.28 0.00	26.55 -1.62 0.27	29.56 -1.55 0.00	31.46 -1.87 0.00	34.10 -2.19 1.41	33.08 -2.23 3.12	34.66 -2.08 2.42	34.88 -2.15 0.00	35.45 -2.02 0.00	32.33 -1.85 0.00	29.94 -1.78 0.00	27.57 -1.57 0.00	24.51 -1.51 0.53	20.37 -1.16 0.00	16.26 -1.06 1.91
HQ_GEN_CEDARS_PROXY 323590	14.25 -1.11 4.13	14.25 -0.95 3.08	14.25 -0.90 2.13	14.25 -0.78 0.36	14.25 -0.82 0.45	14.25 -0.89 1.98	14.25 -0.97 3.46	20.12 -1.23 0.63	21.72 -1.12 0.00	23.75 -1.28 0.00	26.55 -1.62 0.27	29.56 -1.55 0.00	31.46 -1.87 0.00	34.10 -2.19 1.41	33.08 -2.23 3.12	34.66 -2.08 2.42	34.88 -2.15 0.00	35.45 -2.02 0.00	32.33 -1.85 0.00	29.94 -1.78 0.00	27.57 -1.57 0.00	24.51 -1.51 0.53	20.37 -1.16 0.00	16.26 -1.06 1.91
HQ_GEN_IMPORT 323601	17.63 -0.64 1.22	15.59 -0.55 2.14	14.12 -0.52 2.65	13.68 -0.46 1.26	13.64 -0.48 1.40	13.34 -0.51 3.27	16.53 -0.56 1.60	14.13 -0.70 7.15	16.27 -0.71 5.86	18.03 -0.78 6.22	21.00 -0.91 6.53	25.00 -0.96 5.15	25.00 -1.10 7.22	27.00 -1.24 9.45	29.00 -1.27 8.17	29.00 -1.25 8.90	29.00 -1.22 6.81	31.00 -1.20 5.27	18.11 -1.09 14.97	18.15 -1.05 12.52	18.01 -0.93 10.20	18.03 -0.88 7.65	19.15 -0.71 1.68	18.61 -0.62 0.00
HQ_GEN_WHEEL 23651	17.63 -0.64 1.22	15.59 -0.55 2.14	14.12 -0.52 2.65	13.68 -0.46 1.26	13.64 -0.48 1.40	13.34 -0.51 3.27	16.53 -0.56 1.60	14.13 -0.70 7.15	16.27 -0.71 5.86	18.03 -0.78 6.22	21.00 -0.91 6.53	25.00 -0.96 5.15	25.00 -1.10 7.22	27.00 -1.24 9.45	29.00 -1.27 8.17	29.00 -1.25 8.90	29.00 -1.22 6.81	31.00 -1.20 5.27	18.11 -1.09 14.97	18.15 -1.05 12.52	18.01 -0.93 10.20	18.03 -0.88 7.65	19.15 -0.71 1.68	18.61 -0.62 0.00
HUDSON_AVE_GT_3 23810	30.30 2.61 -8.19	28.20 2.41 -7.51	26.71 2.26 -7.17	23.34 2.00 -5.95	23.53 2.03 -5.97	24.52 2.22 -5.18	28.07 2.45 -6.93	40.25 2.92 -15.35	41.68 3.01 -15.83	43.31 3.35 -14.93	46.32 3.84 -14.04	47.22 4.17 -11.94	49.04 4.53 -11.19	51.59 5.16 -8.73	53.49 5.42 -9.64	61.73 5.44 -17.14	69.57 5.18 -27.36	63.90 5.21 -21.22	50.88 4.85 -11.86	47.50 4.57 -11.22	46.59 4.17 -13.27	45.62 3.80 -15.27	43.35 3.08 -18.73	40.64 2.69 -18.72

HUDSON AVE_GT_4 23540	30.30 2.61 -8.19	28.20 2.41 -7.51	26.71 2.26 -7.17	23.34 2.00 -5.95	23.53 2.03 -5.97	24.52 2.22 -5.18	28.07 2.45 -6.93	40.25 2.92 -15.35	41.68 3.01 -15.83	43.31 3.35 -14.93	46.32 3.84 -14.04	47.22 4.17 -11.94	49.04 4.53 -11.19	51.59 5.16 -8.73	53.49 5.42 -9.64	61.73 5.44 -17.14	69.57 5.18 -27.36	63.90 5.21 -21.22	50.88 4.85 -11.86	47.50 4.57 -11.22	46.59 4.17 -13.27	45.62 3.80 -15.27	43.35 3.08 -18.73	40.64 2.69 -18.72
HUDSON AVE_GT_5 23657	30.30 2.61 -8.19	28.20 2.41 -7.51	26.71 2.26 -7.17	23.34 2.00 -5.95	23.53 2.03 -5.97	24.52 2.22 -5.18	28.07 2.45 -6.93	40.25 2.92 -15.35	41.68 3.01 -15.83	43.31 3.35 -14.93	46.32 3.84 -14.04	47.22 4.17 -11.94	49.04 4.53 -11.19	51.59 5.16 -8.73	53.49 5.42 -9.64	61.73 5.44 -17.14	69.57 5.18 -27.36	63.90 5.21 -21.22	50.88 4.85 -11.86	47.50 4.57 -11.22	46.59 4.17 -13.27	45.62 3.80 -15.27	43.35 3.08 -18.73	40.64 2.69 -18.72
HUDSON_AVE_10 24168	30.22 2.53 -8.19	28.11 2.32 -7.51	26.64 2.20 -7.17	23.28 1.94 -5.95	23.45 1.96 -5.97	24.44 2.14 -5.18	27.93 2.32 -6.93	40.08 2.75 -15.35	41.49 2.83 -15.83	43.13 3.18 -14.93	46.09 3.61 -14.04	47.00 3.95 -11.94	48.84 4.33 -11.19	51.36 4.94 -8.73	53.26 5.19 -9.64	61.54 5.25 -17.14	69.39 5.00 -27.36	63.72 5.02 -21.22	50.71 4.68 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.49 3.67 -15.27	43.26 2.99 -18.73	40.54 2.59 -18.72
HUNTER MOUNT___DRP 323613	24.22 1.93 -2.80	21.98 1.77 -1.93	20.26 1.59 -1.39	19.63 1.40 -2.83	19.55 1.40 -2.63	19.59 1.52 -0.95	22.84 1.78 -2.38	24.00 2.02 0.00	24.87 2.03 0.00	27.15 2.13 0.00	31.02 2.59 0.00	34.10 2.99 0.00	36.62 3.30 0.00	41.62 3.92 0.00	45.79 4.30 -3.05	50.25 4.35 -6.75	51.90 4.15 -10.73	50.08 4.20 -8.41	42.41 3.73 -4.51	37.81 3.43 -2.67	35.83 3.03 -3.66	31.43 2.71 -2.16	26.44 2.09 -2.81	25.13 1.81 -4.10
HUNTINGTON_RES_REC 323705	28.43 2.98 -5.96	25.95 2.72 -4.95	24.02 2.56 -4.18	21.55 2.25 -3.90	21.54 2.28 -3.73	22.54 2.50 -2.92	25.28 2.75 -3.85	30.04 3.28 -4.78	38.80 3.36 -12.61	39.24 3.73 -10.49	41.25 4.04 -8.77	46.15 4.48 -10.55	54.66 4.83 -16.51	67.73 5.46 -24.57	91.85 5.73 -47.69	91.52 5.76 -46.61	118.63 5.48 -76.12	99.43 5.54 -56.42	76.38 5.16 -37.05	57.14 4.82 -20.61	49.70 4.43 -16.12	45.64 4.06 -15.02	40.07 3.42 -15.11	38.18 3.02 -15.94
HUNTLEY___63 23557	21.39 -0.04 -1.94	19.29 -0.20 -1.21	17.39 -0.12 -0.23	15.66 -0.14 -0.40	15.77 -0.12 -0.37	17.06 -0.19 -0.13	19.42 -0.26 -1.00	28.56 0.22 -6.36	31.98 0.14 -9.01	35.63 0.45 -10.16	41.62 -0.06 -13.24	46.65 -0.19 -15.73	55.45 0.63 -21.50	63.75 0.08 -25.97	65.08 -0.08 -26.72	63.63 0.16 -24.32	60.54 0.41 -23.10	55.06 0.30 -17.29	46.53 0.24 -12.11	40.26 0.38 -8.17	34.72 0.15 -5.43	32.09 0.37 -5.17	24.37 0.06 -2.77	20.29 -0.40 -1.47
HUNTLEY___64 23558	21.39 -0.04 -1.94	19.29 -0.20 -1.21	17.39 -0.12 -0.23	15.66 -0.14 -0.40	15.77 -0.12 -0.37	17.06 -0.19 -0.13	19.42 -0.26 -1.00	28.56 0.22 -6.36	31.98 0.14 -9.01	35.63 0.45 -10.16	41.62 -0.06 -13.24	46.65 -0.19 -15.73	55.45 0.63 -21.50	63.75 0.08 -25.97	65.08 -0.08 -26.72	63.63 0.16 -24.32	60.54 0.41 -23.10	55.06 0.30 -17.29	46.53 0.24 -12.11	40.26 0.38 -8.17	34.72 0.15 -5.43	32.09 0.37 -5.17	24.37 0.06 -2.77	20.29 -0.40 -1.47
HUNTLEY___65 23559	21.39 -0.04 -1.94	19.29 -0.20 -1.21	17.39 -0.12 -0.23	15.66 -0.14 -0.40	15.77 -0.12 -0.37	17.06 -0.19 -0.13	19.42 -0.26 -1.00	28.56 0.22 -6.36	31.98 0.14 -9.01	35.63 0.45 -10.16	41.62 -0.06 -13.24	46.65 -0.19 -15.73	55.45 0.63 -21.50	63.75 0.08 -25.97	65.08 -0.08 -26.72	63.63 0.16 -24.32	60.54 0.41 -23.10	55.06 0.30 -17.29	46.53 0.24 -12.11	40.26 0.38 -8.17	34.72 0.15 -5.43	32.09 0.37 -5.17	24.37 0.06 -2.77	20.29 -0.40 -1.47
HUNTLEY___66 23560	21.39 -0.04 -1.94	19.29 -0.20 -1.21	17.39 -0.12 -0.23	15.66 -0.14 -0.40	15.77 -0.12 -0.37	17.06 -0.19 -0.13	19.42 -0.26 -1.00	28.56 0.22 -6.36	31.98 0.14 -9.01	35.63 0.45 -10.16	41.62 -0.06 -13.24	46.65 -0.19 -15.73	55.45 0.63 -21.50	63.75 0.08 -25.97	65.08 -0.08 -26.72	63.63 0.16 -24.32	60.54 0.41 -23.10	55.06 0.30 -17.29	46.53 0.24 -12.11	40.26 0.38 -8.17	34.72 0.15 -5.43	32.09 0.37 -5.17	24.37 0.06 -2.77	20.29 -0.40 -1.47
HUNTLEY___67 23561	22.61 -0.31 -3.44	19.93 -0.48 -2.12	17.18 -0.36 -0.26	15.43 -0.37 -0.40	15.57 -0.33 -0.38	16.84 -0.41 -0.14	19.84 -0.49 -1.64	53.64 -0.07 -31.72	67.70 -0.07 -44.94	75.90 0.20 -50.68	94.18 -0.31 -66.05	109.10 -0.47 -78.46	140.87 0.30 -107.25	167.39 -0.22 -129.91	171.72 -0.38 -133.67	160.62 -0.16 -121.63	152.70 0.11 -115.56	123.91 -0.04 -86.47	94.05 -0.07 -59.95	72.18 0.06 -40.41	55.91 -0.12 -26.88	52.22 0.11 -25.56	34.69 -0.19 -13.35	20.95 -0.62 -2.34
HUNTLEY___68 23562	22.61 -0.31 -3.44	19.93 -0.48 -2.12	17.18 -0.36 -0.26	15.43 -0.37 -0.40	15.57 -0.33 -0.38	16.84 -0.41 -0.14	19.84 -0.49 -1.64	53.64 -0.07 -31.72	67.70 -0.07 -44.94	75.90 0.20 -50.68	94.18 -0.31 -66.05	109.10 -0.47 -78.46	140.87 0.30 -107.25	167.39 -0.22 -129.91	171.72 -0.38 -133.67	160.62 -0.16 -121.63	152.70 0.11 -115.56	123.91 -0.04 -86.47	94.05 -0.07 -59.95	72.18 0.06 -40.41	55.91 -0.12 -26.88	52.22 0.11 -25.56	34.69 -0.19 -13.35	20.95 -0.62 -2.34
HYLAND___LFGE 323620	21.11 0.82 -0.81	19.41 0.60 -0.52	18.04 0.54 -0.22	16.25 0.42 -0.44	16.39 0.47 -0.40	17.76 0.50 -0.15	19.83 0.62 -0.53	26.43 1.19 -3.26	28.80 1.35 -4.62	31.88 1.65 -5.21	35.80 0.57 -6.79	37.31 -1.87 -8.07	42.92 -1.43 -11.03	49.11 -1.92 -13.34	49.93 -2.23 -13.72	49.68 -1.96 -12.49	47.26 -1.63 -11.86	44.62 -1.72 -8.88	38.70 -1.64 -6.17	36.92 1.04 -4.16	32.79 0.87 -2.77	31.12 1.94 -2.63	24.19 1.18 -1.47	20.70 0.63 -0.85
INDECK___CORINTH 23802	23.49 0.60 -3.40	21.13 0.51 -2.34	19.41 0.45 -1.68	19.21 0.39 -3.43	19.11 0.40 -3.19	18.75 0.48 -1.15	22.18 0.62 -2.88	22.60 0.61 0.00	23.47 0.64 0.00	25.70 0.68 0.00	29.35 0.91 0.00	32.08 0.97 0.00	34.22 0.90 0.00	38.83 1.13 0.00	40.29 1.19 -0.66	41.79 1.17 -1.47	40.30 1.07 -2.20	40.32 1.12 -1.72	36.09 0.99 -0.92	33.05 0.79 -0.55	30.62 0.73 -0.75	27.63 0.64 -0.44	22.55 0.63 -0.39	24.84 0.65 -4.97
INDECK___ILION 23567	20.07 0.64 0.06	18.82 0.58 0.04	17.80 0.55 0.03	15.82 0.49 0.06	15.96 0.50 0.06	17.64 0.55 0.02	19.23 0.60 0.05	22.71 0.72 0.00	23.59 0.75 0.00	25.85 0.82 0.00	29.40 0.97 0.00	32.20 1.09 0.00	34.49 1.17 0.00	38.94 1.24 0.00	39.63 1.19 0.00	40.33 1.17 0.00	38.18 1.15 0.00	38.59 1.12 0.00	35.17 0.99 0.00	32.60 0.89 0.00	29.96 0.81 0.00	27.27 0.72 0.00	22.12 0.58 0.00	19.61 0.48 0.09
INDECK___OLEAN 23982	21.80 0.39 -1.92	19.69 0.20 -1.21	17.87 0.33 -0.26	16.11 0.25 -0.47	16.33 0.37 -0.44	17.67 0.39 -0.16	20.08 0.37 -1.02	35.30 0.94 -12.38	41.05 0.68 -17.53	45.77 0.97 -19.77	54.77 0.57 -25.77	62.24 0.53 -30.61	76.42 1.27 -41.84	90.88 0.98 -52.21	93.03 0.88 -53.72	89.12 1.09 -48.87	84.80 1.33 -46.44	73.31 1.09 -34.75	59.06 1.16 -23.72	48.75 1.04 -15.99	40.63 0.85 -10.64	37.62 0.95 -10.12	27.65 0.75 -5.36	21.09 0.35 -1.52

INDECK___OSWEGO 23783	19.33 -0.35 -0.19	18.04 -0.37 -0.13	17.01 -0.36 -0.09	15.26 -0.32 -0.19	15.39 -0.31 -0.18	16.82 -0.36 -0.06	18.47 -0.37 -0.16	21.61 -0.37 0.00	22.47 -0.37 0.00	24.65 -0.37 0.00	28.01 -0.43 0.00	30.64 -0.47 0.00	32.62 -0.70 0.00	36.87 -0.83 0.00	37.55 -0.88 0.00	38.25 -0.90 0.00	36.21 -0.81 0.00	36.65 -0.82 0.00	33.35 -0.82 0.00	30.95 -0.76 0.00	28.68 -0.47 0.00	26.16 -0.40 0.00	21.26 -0.32 -0.05	19.19 -0.31 -0.28
INDECK___YERKES 23781	21.43 0.00 -1.94	19.31 -0.18 -1.21	17.42 -0.09 -0.23	15.67 -0.12 -0.40	15.79 -0.11 -0.37	17.08 -0.17 -0.13	19.46 -0.22 -1.00	28.58 0.24 -6.36	32.00 0.16 -9.01	35.66 0.47 -10.16	41.65 -0.03 -13.24	46.68 -0.15 -15.73	55.45 0.63 -21.50	63.78 0.11 -25.97	65.08 -0.08 -26.72	63.67 0.20 -24.32	60.54 0.41 -23.10	55.10 0.34 -17.29	46.53 0.24 -12.11	40.29 0.41 -8.17	34.75 0.18 -5.43	32.12 0.40 -5.17	24.42 0.11 -2.77	20.31 -0.38 -1.47
INDIAN POINT_GT_1 24139	24.19 2.18 -2.52	22.04 2.03 -1.73	20.41 1.88 -1.25	19.60 1.66 -2.54	19.58 1.69 -2.36	19.82 1.85 -0.85	22.84 2.02 -2.14	24.40 2.42 0.00	25.32 2.49 0.00	27.77 2.75 0.00	31.62 3.18 0.00	34.53 3.42 0.00	37.08 3.76 0.00	41.99 4.30 0.00	49.50 4.49 -6.58	58.20 4.50 -14.55	64.42 4.29 -23.10	59.90 4.31 -18.12	47.92 4.03 -9.71	41.26 3.80 -5.75	40.49 3.47 -7.88	34.40 3.19 -4.66	29.70 2.58 -5.58	25.15 2.25 -3.68
INDIAN POINT_GT_2 23659	24.19 2.18 -2.52	22.04 2.03 -1.73	20.41 1.88 -1.25	19.60 1.66 -2.54	19.58 1.69 -2.36	19.82 1.85 -0.85	22.84 2.02 -2.14	24.40 2.42 0.00	25.32 2.49 0.00	27.77 2.75 0.00	31.62 3.18 0.00	34.53 3.42 0.00	37.08 3.76 0.00	41.99 4.30 0.00	49.50 4.49 -6.58	58.20 4.50 -14.55	64.42 4.29 -23.10	59.90 4.31 -18.12	47.92 4.03 -9.71	41.26 3.80 -5.75	40.49 3.47 -7.88	34.40 3.19 -4.66	29.70 2.58 -5.58	25.15 2.25 -3.68
INDIAN POINT_GT_3 24019	24.19 2.18 -2.52	22.04 2.03 -1.73	20.41 1.88 -1.25	19.60 1.66 -2.54	19.58 1.69 -2.36	19.82 1.85 -0.85	22.84 2.02 -2.14	24.40 2.42 0.00	25.32 2.49 0.00	27.77 2.75 0.00	31.62 3.18 0.00	34.53 3.42 0.00	37.08 3.76 0.00	41.99 4.30 0.00	49.50 4.49 -6.58	58.20 4.50 -14.55	64.42 4.29 -23.10	59.90 4.31 -18.12	47.92 4.03 -9.71	41.26 3.80 -5.75	40.49 3.47 -7.88	34.40 3.19 -4.66	29.70 2.58 -5.58	25.15 2.25 -3.68
INDIAN POINT___2 23530	24.08 2.11 -2.48	21.93 1.94 -1.71	20.33 1.81 -1.23	19.50 1.60 -2.51	19.47 1.61 -2.33	19.74 1.78 -0.84	22.74 1.94 -2.11	24.29 2.31 0.00	25.23 2.40 0.00	27.67 2.65 0.00	31.48 3.04 0.00	34.41 3.30 0.00	36.89 3.57 0.00	41.81 4.11 0.00	49.03 4.30 -6.30	57.39 4.31 -13.93	63.26 4.11 -22.12	58.94 4.12 -17.35	47.34 3.86 -9.30	40.86 3.65 -5.50	40.01 3.32 -7.54	34.07 3.05 -4.46	29.39 2.48 -5.37	25.03 2.17 -3.63
INDIAN POINT___3 23531	24.09 2.09 -2.52	21.93 1.92 -1.73	20.33 1.80 -1.25	19.52 1.59 -2.54	19.49 1.60 -2.36	19.73 1.76 -0.85	22.75 1.93 -2.14	24.27 2.29 0.00	25.19 2.35 0.00	27.65 2.63 0.00	31.45 3.01 0.00	34.34 3.24 0.00	36.85 3.53 0.00	41.73 4.04 0.00	49.26 4.23 -6.59	57.97 4.23 -14.59	64.23 4.04 -23.17	59.69 4.05 -18.17	47.71 3.79 -9.74	41.06 3.58 -5.76	40.31 3.26 -7.90	34.23 3.00 -4.68	29.59 2.45 -5.60	25.05 2.15 -3.68
IP CORINTH___1 23988	23.59 0.70 -3.40	21.24 0.62 -2.34	19.50 0.54 -1.68	19.30 0.48 -3.43	19.21 0.50 -3.19	18.83 0.56 -1.15	22.28 0.71 -2.88	22.71 0.72 0.00	23.61 0.78 0.00	25.85 0.82 0.00	29.52 1.08 0.00	32.26 1.15 0.00	34.42 1.10 0.00	39.02 1.32 0.00	40.52 1.42 -0.66	42.03 1.41 -1.47	40.52 1.30 -2.20	40.54 1.35 -1.72	36.29 1.20 -0.92	33.24 0.98 -0.55	30.80 0.90 -0.75	27.79 0.80 -0.44	22.68 0.75 -0.39	24.94 0.75 -4.97
IP___TICONDEROGA 23804	24.56 1.81 -3.26	22.24 1.72 -2.24	20.49 1.59 -1.62	20.13 1.45 -3.29	20.04 1.46 -3.06	19.85 1.63 -1.10	23.32 1.87 -2.76	24.05 2.07 0.00	25.03 2.19 0.00	27.48 2.45 0.00	31.31 2.87 0.00	34.19 3.08 0.00	36.59 3.27 0.00	41.47 3.77 0.00	43.79 4.00 -1.36	46.08 3.91 -3.01	45.30 3.59 -4.68	45.00 3.86 -3.67	39.73 3.59 -1.97	36.08 3.20 -1.16	33.63 2.89 -1.59	30.07 2.57 -0.94	24.60 2.09 -0.97	25.97 1.98 -4.76
ISLIP_RES_REC 323679	29.04 3.35 -6.20	26.48 3.04 -5.16	24.53 2.82 -4.43	21.85 2.48 -3.97	21.85 2.53 -3.80	22.89 2.79 -2.99	25.66 3.06 -3.90	30.60 3.78 -4.84	39.42 3.95 -12.63	39.98 4.43 -10.53	42.16 4.86 -8.86	47.18 5.41 -10.65	55.73 5.83 -16.58	68.89 6.60 -24.60	93.04 6.92 -47.69	92.70 6.93 -46.61	119.74 6.59 -76.12	100.56 6.67 -56.42	77.37 6.15 -37.05	58.20 5.80 -20.69	50.63 5.28 -16.21	46.65 4.86 -15.24	40.85 4.05 -15.26	38.72 3.42 -16.07
JARVIS____ 23743	19.58 0.16 0.06	18.38 0.15 0.04	17.39 0.14 0.03	15.45 0.12 0.06	15.59 0.12 0.06	17.23 0.14 0.02	18.76 0.13 0.05	22.14 0.15 0.00	23.00 0.16 0.00	25.20 0.18 0.00	28.66 0.23 0.00	31.36 0.25 0.00	33.59 0.27 0.00	37.96 0.27 0.00	38.71 0.27 0.00	39.39 0.24 0.00	37.25 0.22 0.00	37.70 0.23 0.00	34.38 0.21 0.00	31.90 0.19 0.00	29.29 0.15 0.00	26.71 0.16 0.00	21.67 0.13 0.00	19.24 0.12 0.09
JENNISON___1 23625	21.71 1.23 -0.99	20.03 1.08 -0.67	18.72 1.00 -0.44	17.12 0.85 -0.88	17.23 0.88 -0.82	18.44 1.03 -0.30	20.65 1.18 -0.79	24.57 1.54 -1.05	25.99 1.67 -1.49	28.56 1.85 -1.68	32.82 2.19 -2.19	36.11 2.40 -2.61	39.55 2.67 -3.56	44.90 2.86 -4.34	45.51 2.61 -4.46	45.91 2.70 -4.06	43.51 2.63 -3.86	42.94 2.58 -2.89	38.30 2.15 -1.97	35.01 1.97 -1.33	31.75 1.72 -0.89	28.96 1.57 -0.84	23.50 1.31 -0.65	21.58 1.02 -1.34
JENNISON___2 23626	21.71 1.23 -0.99	20.03 1.08 -0.67	18.72 1.00 -0.44	17.12 0.85 -0.88	17.23 0.88 -0.82	18.44 1.03 -0.30	20.65 1.18 -0.79	24.57 1.54 -1.05	25.99 1.67 -1.49	28.56 1.85 -1.68	32.82 2.19 -2.19	36.11 2.40 -2.61	39.55 2.67 -3.56	44.90 2.86 -4.34	45.51 2.61 -4.46	45.91 2.70 -4.06	43.51 2.63 -3.86	42.94 2.58 -2.89	38.30 2.15 -1.97	35.01 1.97 -1.33	31.75 1.72 -0.89	28.96 1.57 -0.84	23.50 1.31 -0.65	21.58 1.02 -1.34
JERICHO_RISE_WT_PWR 323719	18.71 -0.74 0.04	17.71 -0.57 0.00	16.78 -0.50 0.00	14.96 -0.43 0.00	15.07 -0.45 0.00	16.65 -0.46 0.00	18.20 -0.49 0.00	21.32 -0.66 0.00	22.24 -0.59 0.00	24.32 -0.70 0.00	27.61 -0.83 0.00	30.27 -0.84 0.00	32.22 -1.10 0.00	36.53 -1.17 0.00	37.20 -1.23 0.00	38.02 -1.14 0.00	35.88 -1.15 0.00	36.35 -1.12 0.00	33.11 -1.06 0.00	30.67 -1.05 0.00	28.21 -0.93 0.00	25.65 -0.90 0.00	20.78 -0.75 0.00	18.53 -0.69 0.00
KEDC PORT_JEFF_GT2 24210	28.42 3.08 -5.86	25.94 2.80 -4.86	23.97 2.61 -4.07	21.58 2.31 -3.87	21.57 2.34 -3.70	22.58 2.57 -2.90	25.29 2.78 -3.82	30.13 3.38 -4.76	38.95 3.52 -12.60	39.43 3.93 -10.48	41.36 4.18 -8.74	46.29 4.67 -10.51	54.64 4.83 -16.49	67.65 5.39 -24.56	91.69 5.57 -47.69	91.36 5.60 -46.61	118.49 5.33 -76.12	99.29 5.40 -56.42	76.25 5.03 -37.05	57.14 4.85 -20.58	49.72 4.49 -16.08	45.76 4.28 -14.93	40.26 3.68 -15.04	38.28 3.17 -15.88

KEDC PORT_JEFF_GT3 24211	28.42 3.08 -5.86	25.94 2.80 -4.86	23.97 2.61 -4.07	21.58 2.31 -3.87	21.57 2.34 -3.70	22.58 2.57 -2.90	25.29 2.78 -3.82	30.13 3.38 -4.76	38.95 3.52 -12.60	39.43 3.93 -10.48	41.36 4.18 -8.74	46.29 4.67 -10.51	54.64 4.83 -16.49	67.65 5.39 -24.56	91.69 5.57 -47.69	91.36 5.60 -46.61	118.49 5.33 -76.12	99.29 5.40 -56.42	76.25 5.03 -37.05	57.14 4.85 -20.58	49.72 4.49 -16.08	45.76 4.28 -14.93	40.26 3.68 -15.04	38.28 3.17 -15.88
KEDC_GLWD_GT4 24219	37.64 2.71 -15.44	34.07 2.50 -13.29	33.47 2.33 -13.85	24.02 2.06 -6.56	24.00 2.09 -6.39	24.84 2.29 -5.43	27.27 2.52 -6.06	31.82 2.99 -6.85	39.49 3.08 -13.57	40.28 3.43 -11.83	44.67 3.93 -12.30	49.65 4.11 -14.43	56.91 4.47 -19.12	68.54 5.09 -25.76	91.46 5.34 -47.69	91.13 5.36 -46.61	118.26 5.11 -76.12	99.02 5.13 -56.42	76.01 4.78 -37.05	59.71 4.47 -23.53	52.71 4.08 -19.49	53.95 3.80 -23.60	45.90 3.14 -21.22	43.17 2.73 -21.22
KEDC_GLWD_GT5 24220	37.64 2.71 -15.44	34.07 2.50 -13.29	33.47 2.33 -13.85	24.02 2.06 -6.56	24.00 2.09 -6.39	24.84 2.29 -5.43	27.27 2.52 -6.06	31.82 2.99 -6.85	39.49 3.08 -13.57	40.28 3.43 -11.83	44.67 3.93 -12.30	49.65 4.11 -14.43	56.91 4.47 -19.12	68.54 5.09 -25.76	91.46 5.34 -47.69	91.13 5.36 -46.61	118.26 5.11 -76.12	99.02 5.13 -56.42	76.01 4.78 -37.05	59.71 4.47 -23.53	52.71 4.08 -19.49	53.95 3.80 -23.60	45.90 3.14 -21.22	43.17 2.73 -21.22
KENSICO____ 23655	24.34 2.32 -2.54	22.16 2.14 -1.75	20.53 1.99 -1.26	19.71 1.75 -2.56	19.69 1.78 -2.38	19.93 1.95 -0.86	22.99 2.15 -2.15	24.53 2.55 0.00	25.46 2.62 0.00	27.95 2.93 0.00	31.79 3.35 0.00	34.75 3.64 0.00	37.28 3.96 0.00	42.22 4.52 0.00	49.91 4.76 -6.71	58.78 4.78 -14.86	65.17 4.55 -23.59	60.54 4.57 -18.50	48.36 4.27 -9.92	41.61 4.03 -5.87	40.86 3.67 -8.04	34.66 3.35 -4.76	29.94 2.71 -5.69	25.29 2.36 -3.71
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.04 1.91 -2.63	21.85 1.76 -1.81	20.20 1.61 -1.31	19.46 1.40 -2.66	19.41 1.41 -2.47	19.57 1.56 -0.89	22.70 1.78 -2.24	24.11 2.13 0.00	25.39 2.56 0.00	27.90 2.88 0.00	31.79 3.35 0.00	34.81 3.70 0.00	37.38 4.06 0.00	42.41 4.71 0.00	46.86 4.27 -4.16	52.67 4.31 -9.21	55.79 4.15 -14.62	53.13 4.20 -11.47	44.87 4.55 -6.15	39.60 4.25 -3.64	37.98 3.85 -4.98	32.95 3.45 -2.95	28.07 2.71 -3.82	25.38 2.31 -3.85
KIAC_JFK_GT1 23816	30.22 2.53 -8.19	28.05 2.27 -7.51	26.66 2.21 -7.17	23.28 1.94 -5.95	23.45 1.96 -5.97	24.42 2.12 -5.18	27.84 2.22 -6.93	39.92 2.59 -15.35	41.33 2.67 -15.83	42.98 3.03 -14.93	45.92 3.44 -14.04	46.88 3.83 -11.94	48.74 4.23 -11.19	51.29 4.86 -8.73	53.19 5.11 -9.64	61.54 5.25 -17.14	69.39 5.00 -27.36	63.72 5.02 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.46 3.64 -15.27	43.31 3.04 -18.73	40.52 2.58 -18.72
KIAC_JFK_GT2 23817	30.22 2.53 -8.19	28.05 2.27 -7.51	26.66 2.21 -7.17	23.28 1.94 -5.95	23.45 1.96 -5.97	24.42 2.12 -5.18	27.84 2.22 -6.93	39.92 2.59 -15.35	41.33 2.67 -15.83	42.98 3.03 -14.93	45.92 3.44 -14.04	46.88 3.83 -11.94	48.74 4.23 -11.19	51.29 4.86 -8.73	53.19 5.11 -9.64	61.54 5.25 -17.14	69.39 5.00 -27.36	63.72 5.02 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.46 3.64 -15.27	43.31 3.04 -18.73	40.52 2.58 -18.72
KINTIGH____ 23543	18.76 -0.53 0.20	17.54 -0.64 0.09	16.89 -0.55 -0.16	15.21 -0.52 -0.34	15.34 -0.50 -0.32	16.65 -0.58 -0.11	18.07 -0.67 -0.06	17.51 -0.40 4.08	16.67 -0.39 5.78	18.31 -0.20 6.51	19.32 -0.63 8.49	20.25 -0.78 10.08	19.31 -0.23 13.78	20.28 -0.64 16.77	20.33 -0.85 17.26	22.82 -0.63 15.70	21.74 -0.37 14.92	25.82 -0.49 11.16	25.93 -0.48 7.77	26.10 -0.38 5.24	25.17 -0.50 3.48	22.98 -0.27 3.31	19.45 -0.45 1.64	18.68 -0.73 -0.18
LEDERLE____ 23769	24.12 2.18 -2.45	21.98 2.01 -1.69	20.38 1.88 -1.21	19.52 1.65 -2.47	19.50 1.68 -2.30	19.79 1.85 -0.83	22.80 2.04 -2.08	24.40 2.42 0.00	25.35 2.51 0.00	27.82 2.80 0.00	31.68 3.24 0.00	34.62 3.51 0.00	37.15 3.83 0.00	42.07 4.37 0.00	49.09 4.61 -6.04	57.14 4.62 -13.37	62.66 4.40 -21.23	58.54 4.42 -16.65	47.23 4.13 -8.93	40.86 3.87 -5.28	39.91 3.53 -7.24	34.08 3.24 -4.28	29.34 2.63 -5.18	25.09 2.29 -3.58
LINDEN COGEN____ 23786	30.18 2.50 -8.19	28.11 2.32 -7.51	26.64 2.20 -7.17	23.28 1.94 -5.95	23.47 1.97 -5.97	24.44 2.14 -5.18	27.95 2.34 -6.93	40.08 2.75 -15.35	41.47 2.81 -15.83	43.08 3.13 -14.93	46.06 3.58 -14.04	46.94 3.89 -11.94	48.74 4.23 -11.19	51.21 4.79 -8.73	53.07 4.99 -9.64	56.48 4.97 -12.35	56.82 4.74 -15.05	57.57 4.76 -15.34	50.58 4.55 -11.86	47.18 4.25 -11.22	46.33 3.91 -13.27	45.38 3.56 -15.27	43.17 2.91 -18.73	40.48 2.54 -18.72
LIPA_MISC_IPP 23656	28.26 3.02 -5.75	25.77 2.72 -4.76	23.80 2.56 -3.96	21.49 2.25 -3.84	21.48 2.28 -3.67	22.48 2.50 -2.87	25.21 2.73 -3.80	30.06 3.34 -4.74	38.91 3.49 -12.58	39.39 3.90 -10.46	41.43 4.29 -8.70	46.37 4.79 -10.47	54.94 5.16 -16.46	68.05 5.80 -24.55	92.23 6.11 -47.69	91.91 6.15 -46.61	118.97 5.81 -76.12	99.77 5.88 -56.42	76.69 5.47 -37.05	57.43 5.17 -20.55	49.94 4.75 -16.04	45.74 4.36 -14.83	40.19 3.68 -14.97	38.16 3.11 -15.82
LISF__SOLAR 323691	28.33 3.06 -5.78	25.83 2.76 -4.79	23.85 2.58 -4.00	21.53 2.28 -3.85	21.50 2.30 -3.68	22.51 2.52 -2.88	25.24 2.75 -3.81	30.11 3.38 -4.74	38.96 3.54 -12.59	39.47 3.98 -10.47	41.50 4.35 -8.71	46.48 4.88 -10.48	55.08 5.30 -16.46	68.20 5.95 -24.55	92.39 6.27 -47.69	92.03 6.26 -46.61	119.11 5.96 -76.12	99.92 6.03 -56.42	76.80 5.57 -37.05	57.56 5.30 -20.56	50.07 4.87 -16.06	45.85 4.43 -14.86	40.26 3.73 -14.99	38.22 3.15 -15.84
LITTLE FALLS__HYD 24013	20.68 1.25 0.06	19.41 1.17 0.04	18.36 1.11 0.03	16.30 0.97 0.06	16.46 0.99 0.06	18.21 1.11 0.02	19.85 1.21 0.05	23.46 1.47 0.00	24.37 1.53 0.00	26.70 1.68 0.00	30.37 1.93 0.00	33.25 2.14 0.00	35.62 2.30 0.00	40.11 2.41 0.00	40.82 2.38 0.00	41.54 2.39 0.00	39.33 2.30 0.00	39.76 2.29 0.00	36.15 1.98 0.00	33.52 1.81 0.00	30.81 1.66 0.00	28.01 1.46 0.00	22.68 1.14 0.00	20.09 0.96 0.09
LI_NEWBRDGE__DRP 323616	25.94 2.71 -3.74	23.80 2.52 -3.00	21.58 2.39 -1.91	20.79 2.11 -3.28	20.76 2.13 -3.11	21.80 2.35 -2.34	24.56 2.54 -3.33	29.23 2.95 -4.30	38.23 3.01 -12.38	38.53 3.33 -10.18	40.08 3.70 -7.95	44.80 4.04 -9.65	53.59 4.36 -15.90	66.93 4.94 -24.29	91.27 5.15 -47.69	90.97 5.21 -46.61	118.08 4.93 -76.12	98.87 4.98 -56.42	75.87 4.65 -37.05	56.02 4.38 -19.93	48.50 4.02 -15.33	43.23 3.67 -13.01	38.29 3.08 -13.68	36.64 2.71 -14.70
LONG_LAKE_PHOENIX 24014	19.47 -0.21 -0.19	18.18 -0.24 -0.13	17.14 -0.24 -0.10	15.38 -0.22 -0.20	15.49 -0.22 -0.18	16.94 -0.24 -0.07	18.61 -0.24 -0.17	21.76 -0.22 0.00	22.63 -0.21 0.00	24.82 -0.20 0.00	28.21 -0.23 0.00	30.83 -0.28 0.00	33.12 -0.20 0.00	37.47 -0.22 0.00	38.17 -0.27 0.00	38.92 -0.23 0.00	36.81 -0.22 0.00	37.28 -0.19 0.00	33.94 -0.24 0.00	31.46 -0.25 0.00	28.97 -0.17 0.00	26.40 -0.16 0.00	21.41 -0.17 -0.05	19.33 -0.17 -0.28

LOVETT___3 23632	23.99 2.05 -2.46	21.85 1.88 -1.69	20.26 1.76 -1.22	19.43 1.55 -2.48	19.41 1.58 -2.31	19.68 1.73 -0.83	22.66 1.89 -2.09	24.23 2.24 0.00	25.17 2.33 0.00	27.60 2.58 0.00	31.37 2.93 0.00	34.25 3.14 0.00	36.72 3.40 0.00	41.58 3.88 0.00	48.62 4.07 -6.11	56.74 4.07 -13.52	62.35 3.85 -21.47	58.21 3.90 -16.84	46.86 3.66 -9.03	40.51 3.46 -5.34	39.64 3.18 -7.32	33.83 2.95 -4.33	29.18 2.41 -5.23	24.95 2.13 -3.59
LOVETT___4 23642	24.03 2.09 -2.46	21.89 1.92 -1.69	20.30 1.80 -1.22	19.46 1.59 -2.48	19.43 1.60 -2.31	19.71 1.76 -0.83	22.70 1.93 -2.09	24.27 2.29 0.00	25.21 2.37 0.00	27.65 2.63 0.00	31.45 3.01 0.00	34.34 3.24 0.00	36.82 3.50 0.00	41.69 3.99 0.00	48.74 4.19 -6.12	56.88 4.19 -13.54	62.53 4.00 -21.50	58.35 4.01 -16.86	46.97 3.76 -9.04	40.61 3.55 -5.35	39.74 3.26 -7.33	33.92 3.03 -4.34	29.25 2.48 -5.24	24.99 2.17 -3.59
LOVETT___5 23593	24.03 2.09 -2.46	21.89 1.92 -1.69	20.30 1.80 -1.22	19.46 1.59 -2.48	19.43 1.60 -2.31	19.71 1.76 -0.83	22.70 1.93 -2.09	24.27 2.29 0.00	25.21 2.37 0.00	27.65 2.63 0.00	31.45 3.01 0.00	34.34 3.24 0.00	36.82 3.50 0.00	41.69 3.99 0.00	48.74 4.19 -6.12	56.88 4.19 -13.54	62.53 4.00 -21.50	58.35 4.01 -16.86	46.97 3.76 -9.04	40.61 3.55 -5.35	39.74 3.26 -7.33	33.92 3.03 -4.34	29.25 2.48 -5.24	24.99 2.17 -3.59
LOWER RAQUET___HYD 24057	13.68 -1.68 4.13	13.74 -1.46 3.08	13.75 -1.40 2.13	13.80 -1.23 0.36	13.78 -1.29 0.45	13.75 -1.39 1.98	13.73 -1.50 3.46	19.48 -1.87 0.63	21.08 -1.76 0.00	23.05 -1.98 0.00	25.78 -2.39 0.27	28.71 -2.39 0.00	30.49 -2.83 0.00	33.05 -3.24 1.41	31.97 -3.34 3.12	33.49 -3.25 2.42	33.77 -3.26 0.00	34.32 -3.15 0.00	31.23 -2.94 0.00	28.95 -2.76 0.00	26.67 -2.48 0.00	23.69 -2.34 0.53	19.71 -1.83 0.00	15.64 -1.67 1.91
LOWER___HUDSON 24059	23.99 1.15 -3.35	21.64 1.06 -2.30	19.93 0.98 -1.66	19.65 0.88 -3.38	19.56 0.90 -3.14	19.24 0.99 -1.13	22.65 1.12 -2.84	23.21 1.23 0.00	24.00 1.16 0.00	26.27 1.25 0.00	29.94 1.51 0.00	32.76 1.65 0.00	35.02 1.70 0.00	39.69 2.00 0.00	41.01 2.11 -0.46	42.26 2.07 -1.03	40.64 1.92 -1.69	40.78 1.98 -1.32	36.73 1.84 -0.71	33.78 1.65 -0.42	31.21 1.49 -0.57	28.25 1.35 -0.34	22.90 1.12 -0.25	25.17 1.06 -4.89
LWR___OSWEGATCHIE_HYD 23850	13.45 -1.91 4.13	13.52 -1.68 3.08	13.54 -1.61 2.13	13.62 -1.42 0.36	13.60 -1.48 0.45	13.55 -1.59 1.98	13.50 -1.72 3.46	19.15 -2.20 0.63	20.76 -2.08 0.00	22.67 -2.35 0.00	25.38 -2.79 0.27	28.25 -2.86 0.00	29.99 -3.33 0.00	32.48 -3.81 1.41	31.43 -3.88 3.12	32.94 -3.80 2.42	33.25 -3.78 0.00	33.80 -3.67 0.00	30.79 -3.38 0.00	28.51 -3.20 0.00	26.29 -2.86 0.00	23.39 -2.63 0.53	19.45 -2.09 0.00	15.43 -1.88 1.91
LYONS_FALL_HYD 23570	19.59 0.10 0.00	18.32 0.04 0.00	17.27 -0.02 0.00	15.33 -0.06 0.00	15.45 -0.08 0.00	17.08 -0.03 0.00	18.72 0.04 0.00	22.09 0.11 0.00	23.06 0.23 0.00	25.30 0.28 0.00	28.89 0.45 0.00	31.64 0.53 0.00	33.82 0.50 0.00	38.19 0.49 0.00	38.63 0.19 0.00	39.27 0.12 0.00	37.21 0.19 0.00	37.58 0.11 0.00	34.04 -0.14 0.00	31.55 -0.16 0.00	28.97 -0.17 0.00	26.42 -0.13 0.00	21.52 -0.02 0.00	19.09 -0.13 0.00
MADISON___COUNTY_LFGE 323628	20.03 0.47 -0.08	18.72 0.38 -0.05	17.65 0.33 -0.04	15.74 0.26 -0.08	15.86 0.26 -0.07	17.47 0.32 -0.03	19.15 0.39 -0.07	22.53 0.55 0.00	23.47 0.64 0.00	25.75 0.73 0.00	29.35 0.91 0.00	32.10 1.00 0.00	34.42 1.10 0.00	38.90 1.21 0.00	39.47 1.04 0.00	40.21 1.06 0.00	38.06 1.04 0.00	38.48 1.01 0.00	34.92 0.75 0.00	32.41 0.70 0.00	29.76 0.61 0.00	27.11 0.56 0.00	22.01 0.47 0.00	19.66 0.33 -0.11
MAPLE_RIDGE_WT_1 323574	19.22 -0.14 0.14	18.05 -0.13 0.10	17.09 -0.12 0.07	15.14 -0.11 0.15	15.28 -0.11 0.14	16.96 -0.10 0.05	18.45 -0.11 0.13	21.83 -0.15 0.00	22.70 -0.14 0.00	24.87 -0.15 0.00	28.27 -0.17 0.00	30.92 -0.19 0.00	33.12 -0.20 0.00	37.47 -0.22 0.00	38.17 -0.27 0.00	38.88 -0.27 0.00	36.77 -0.26 0.00	37.21 -0.26 0.00	33.94 -0.24 0.00	31.46 -0.25 0.00	28.91 -0.23 0.00	26.29 -0.27 0.00	21.26 -0.28 0.00	18.69 -0.31 0.22
MAPLE_RIDGE_WT_2 323611	19.22 -0.14 0.14	18.05 -0.13 0.10	17.09 -0.12 0.07	15.14 -0.11 0.15	15.28 -0.11 0.14	16.96 -0.10 0.05	18.45 -0.11 0.13	21.83 -0.15 0.00	22.70 -0.14 0.00	24.87 -0.15 0.00	28.27 -0.17 0.00	30.92 -0.19 0.00	33.12 -0.20 0.00	37.47 -0.22 0.00	38.17 -0.27 0.00	38.88 -0.27 0.00	36.77 -0.26 0.00	37.21 -0.26 0.00	33.94 -0.24 0.00	31.46 -0.25 0.00	28.91 -0.23 0.00	26.29 -0.27 0.00	21.26 -0.28 0.00	18.69 -0.31 0.22
MARBLE_RIVER_WT_PWR 323696	18.69 -0.76 0.04	17.71 -0.57 0.00	16.76 -0.52 0.00	14.96 -0.43 0.00	15.07 -0.45 0.00	16.65 -0.46 0.00	18.20 -0.49 0.00	21.32 -0.66 0.00	22.24 -0.59 0.00	24.35 -0.67 0.00	27.61 -0.83 0.00	30.27 -0.84 0.00	32.22 -1.10 0.00	36.53 -1.17 0.00	37.20 -1.23 0.00	38.02 -1.14 0.00	35.84 -1.19 0.00	36.31 -1.16 0.00	33.11 -1.06 0.00	30.67 -1.05 0.00	28.21 -0.93 0.00	25.62 -0.93 0.00	20.76 -0.77 0.00	18.51 -0.71 0.00
MARSH_HILL_WT_PWR 323713	21.09 0.58 -1.02	19.33 0.38 -0.66	17.98 0.43 -0.27	16.26 0.34 -0.53	16.42 0.40 -0.49	17.74 0.44 -0.18	19.85 0.50 -0.66	27.63 1.06 -4.59	30.44 1.10 -6.51	33.71 1.35 -7.34	39.02 1.02 -9.56	43.40 0.93 -11.36	50.55 1.70 -15.53	58.06 1.55 -18.81	59.29 1.50 -19.36	58.49 1.72 -17.61	55.58 1.81 -16.73	51.72 1.72 -12.52	44.35 1.54 -8.64	38.96 1.43 -5.82	34.15 1.14 -3.87	31.49 1.25 -3.68	24.26 0.69 -2.03	20.50 0.23 -1.05
MG INDUSTRY___DRP 24185	23.76 1.07 -3.20	21.47 0.99 -2.20	19.82 0.95 -1.59	19.46 0.83 -3.23	19.38 0.85 -3.00	19.12 0.92 -1.08	22.41 1.01 -2.72	23.15 1.16 0.00	23.91 1.07 0.00	25.92 0.90 0.00	29.55 1.11 0.00	32.32 1.21 0.00	34.55 1.23 0.00	39.17 1.47 0.00	40.30 1.58 -0.29	41.31 1.53 -0.63	39.48 1.44 -1.01	39.68 1.42 -0.79	35.96 1.37 -0.42	33.23 1.27 -0.25	30.66 1.17 -0.34	27.82 1.06 -0.20	22.51 0.88 -0.09	24.71 0.81 -4.68
MID___OSWEGATCHIE_HYD 23849	13.45 -1.91 4.13	13.52 -1.68 3.08	13.54 -1.61 2.13	13.62 -1.42 0.36	13.60 -1.48 0.45	13.55 -1.59 1.98	13.50 -1.72 3.46	19.15 -2.20 0.63	20.76 -2.08 0.00	22.67 -2.35 0.00	25.38 -2.79 0.27	28.25 -2.86 0.00	29.99 -3.33 0.00	32.48 -3.81 1.41	31.43 -3.88 3.12	32.94 -3.80 2.42	33.25 -3.78 0.00	33.80 -3.67 0.00	30.79 -3.38 0.00	28.51 -3.20 0.00	26.29 -2.86 0.00	23.39 -2.63 0.53	19.45 -2.09 0.00	15.43 -1.88 1.91
MID___RAQUETTE_HYD 23851	13.68 -1.68 4.13	13.74 -1.46 3.08	13.75 -1.40 2.13	13.80 -1.23 0.36	13.78 -1.29 0.45	13.75 -1.39 1.98	13.73 -1.50 3.46	19.48 -1.87 0.63	21.08 -1.76 0.00	23.05 -1.98 0.27	25.78 -2.39 0.00	28.71 -2.39 0.00	30.49 -2.83 0.00	33.05 -3.24 1.41	31.97 -3.34 3.12	33.49 -3.25 2.42	33.77 -3.26 0.00	34.32 -3.15 0.00	31.23 -2.94 0.00	28.95 -2.76 0.00	26.67 -2.48 0.00	23.69 -2.34 0.53	19.71 -1.83 0.00	15.64 -1.67 1.91

MILLIKEN___1 23584	20.48 0.47 -0.53	19.02 0.38 -0.36	17.85 0.35 -0.22	16.13 0.29 -0.45	16.27 0.33 -0.42	17.63 0.36 -0.15	19.51 0.41 -0.41	23.36 0.64 -0.74	24.59 0.71 -1.05	26.98 0.78 -1.18	30.83 0.85 -1.54	33.87 0.93 -1.83	37.02 1.20 -2.50	42.02 1.32 -3.00	42.83 1.31 -3.09	43.33 1.37 -2.81	41.07 1.37 -2.67	40.86 1.39 -2.00	36.73 1.16 -1.39	33.67 1.01 -0.94	30.70 0.93 -0.62	28.00 0.85 -0.59	22.58 0.63 -0.41	20.38 0.46 -0.70
MILLIKEN___2 23585	20.48 0.47 -0.53	19.02 0.38 -0.36	17.85 0.35 -0.22	16.13 0.29 -0.45	16.27 0.33 -0.42	17.63 0.36 -0.15	19.51 0.41 -0.41	23.36 0.64 -0.74	24.59 0.71 -1.05	26.98 0.78 -1.18	30.83 0.85 -1.54	33.87 0.93 -1.83	37.02 1.20 -2.50	42.02 1.32 -3.00	42.83 1.31 -3.09	43.33 1.37 -2.81	41.07 1.37 -2.67	40.86 1.39 -2.00	36.73 1.16 -1.39	33.67 1.01 -0.94	30.70 0.93 -0.62	28.00 0.85 -0.59	22.58 0.63 -0.41	20.38 0.46 -0.70
MILLIKEN___DIESEL 23629	20.48 0.47 -0.53	19.02 0.38 -0.36	17.85 0.35 -0.22	16.13 0.29 -0.45	16.27 0.33 -0.42	17.63 0.36 -0.15	19.51 0.41 -0.41	23.36 0.64 -0.74	24.59 0.71 -1.05	26.98 0.78 -1.18	30.83 0.85 -1.54	33.87 0.93 -1.83	37.02 1.20 -2.50	42.02 1.32 -3.00	42.83 1.31 -3.09	43.33 1.37 -2.81	41.07 1.37 -2.67	40.86 1.39 -2.00	36.73 1.16 -1.39	33.67 1.01 -0.94	30.70 0.93 -0.62	28.00 0.85 -0.59	22.58 0.63 -0.41	20.38 0.46 -0.70
MILLSEAT___LFGE 323607	20.99 0.06 -1.45	19.06 -0.13 -0.91	17.40 -0.09 -0.20	15.64 -0.12 -0.37	15.76 -0.11 -0.34	17.09 -0.15 -0.12	19.24 -0.22 -0.78	26.62 0.11 -4.53	29.39 0.14 -6.42	32.71 0.45 -7.24	37.90 0.03 -9.43	42.25 -0.06 -11.20	49.33 0.70 -15.31	56.45 0.27 -18.49	57.42 -0.04 -19.02	56.74 0.28 -17.31	54.03 0.56 -16.45	50.26 0.49 -12.31	43.90 0.41 -9.32	38.47 0.48 -6.28	33.59 0.26 -4.18	31.01 0.48 -3.97	23.75 0.06 -2.15	20.11 -0.27 -1.16
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.24 2.22 -2.53	22.07 2.05 -1.74	20.45 1.92 -1.25	19.64 1.69 -2.55	19.62 1.72 -2.37	19.85 1.88 -0.86	22.89 2.06 -2.14	24.44 2.46 0.00	25.37 2.53 0.00	27.82 2.80 0.00	31.68 3.24 0.00	34.59 3.48 0.00	37.12 3.80 0.00	42.03 4.33 0.00	49.67 4.57 -6.66	58.48 4.58 -14.75	64.81 4.37 -23.42	60.22 4.38 -18.37	48.12 4.10 -9.85	41.40 3.87 -5.83	40.66 3.53 -7.98	34.49 3.21 -4.73	29.79 2.61 -5.65	25.20 2.29 -3.69
MODEL_CITY_ENERGY 24167	21.22 -0.35 -2.08	19.06 -0.51 -1.30	17.11 -0.40 -0.22	15.40 -0.38 -0.39	15.52 -0.37 -0.36	16.77 -0.48 -0.13	19.09 -0.65 -1.06	28.88 -0.46 -7.36	32.76 -0.50 -10.43	36.54 -0.25 -11.76	42.94 -0.83 -15.33	48.26 -1.06 -18.21	57.88 -0.33 -24.89	66.81 -0.98 -30.10	68.17 -1.23 -30.97	66.35 -0.98 -28.18	63.14 -0.67 -26.77	56.72 -0.79 -20.03	48.87 -0.65 -15.35	41.61 -0.44 -10.34	35.44 -0.58 -6.88	32.81 -0.29 -6.54	24.49 -0.54 -3.48	20.00 -0.77 -1.54
MODERN_LFGE___ 323580	21.22 -0.35 -2.08	19.06 -0.51 -1.30	17.11 -0.40 -0.22	15.40 -0.38 -0.39	15.52 -0.37 -0.36	16.77 -0.48 -0.13	19.09 -0.65 -1.06	28.88 -0.46 -7.36	32.76 -0.50 -10.43	36.54 -0.25 -11.76	42.94 -0.83 -15.33	48.26 -1.06 -18.21	57.88 -0.33 -24.89	66.81 -0.98 -30.10	68.17 -1.23 -30.97	66.35 -0.98 -28.18	63.14 -0.67 -26.77	56.72 -0.79 -20.03	48.87 -0.65 -15.35	41.61 -0.44 -10.34	35.44 -0.58 -6.88	32.81 -0.29 -6.54	24.49 -0.54 -3.48	20.00 -0.77 -1.54
MOHAWK_PAPER___DRP 24187	23.94 1.15 -3.30	21.59 1.04 -2.27	19.90 0.98 -1.64	19.59 0.86 -3.33	19.50 0.88 -3.09	19.21 0.98 -1.12	22.57 1.08 -2.80	23.21 1.23 0.00	23.95 1.12 0.00	26.17 1.15 0.00	29.86 1.42 0.00	32.70 1.59 0.00	34.92 1.60 0.00	39.58 1.88 0.00	40.71 2.00 -0.28	41.76 2.00 -0.61	39.87 1.85 -0.99	40.12 1.87 -0.77	36.33 1.74 -0.41	33.51 1.55 -0.25	30.91 1.43 -0.34	28.05 1.30 -0.20	22.67 1.06 -0.07	25.04 1.00 -4.82
MONGAUP___HYD 23641	24.21 2.40 -2.33	22.11 2.23 -1.60	20.46 2.02 -1.15	19.51 1.77 -2.35	19.48 1.77 -2.18	19.85 1.95 -0.79	22.92 2.26 -1.97	24.64 2.66 0.00	25.64 2.81 0.00	28.15 3.13 0.00	32.13 3.70 0.00	35.28 4.17 0.00	37.99 4.66 0.00	43.01 5.32 0.00	48.69 4.96 -5.30	55.65 4.78 -11.72	60.23 4.59 -18.61	56.68 4.61 -14.60	46.75 4.75 -7.83	41.03 4.69 -4.63	39.72 4.22 -6.35	34.11 3.80 -3.76	29.06 2.93 -4.60	25.10 2.48 -3.40
MONTAUK___DIESEL 23721	29.93 4.68 -5.76	27.24 4.19 -4.78	25.13 3.87 -3.98	22.63 3.39 -3.85	22.62 3.41 -3.68	23.79 3.80 -2.87	26.69 4.21 -3.80	32.13 5.41 -4.74	41.36 5.94 -12.59	42.35 6.86 -10.47	45.07 7.93 -8.70	50.67 9.08 -10.47	59.87 10.09 -16.46	73.70 11.46 -24.55	98.22 12.10 -47.69	97.94 12.18 -46.61	124.63 11.48 -76.12	105.50 11.61 -56.42	81.85 10.63 -37.05	62.00 9.74 -20.55	53.91 8.72 -16.05	49.20 7.81 -14.84	42.53 6.01 -14.98	39.96 4.90 -15.83
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.29 2.53 2.74	16.97 2.32 3.63	15.21 2.18 4.25	16.73 1.92 0.59	16.50 1.94 0.97	16.08 2.14 3.17	18.72 2.34 2.30	10.45 2.79 14.33	10.94 2.88 14.77	14.29 3.20 13.93	46.73 3.67 -14.62	47.72 3.98 -12.62	49.45 4.30 -11.83	51.82 4.90 -9.22	53.39 5.15 -9.81	61.59 5.17 -17.27	69.53 4.93 -27.57	63.79 4.95 -21.38	50.75 4.61 -11.97	47.58 4.34 -11.52	46.68 3.96 -13.57	46.06 3.64 -15.87	43.96 2.95 -19.47	11.51 2.58 10.29
MUNSVILLE_WIND_PWR 323609	21.88 1.52 -0.86	20.20 1.33 -0.59	18.89 1.23 -0.38	17.20 1.05 -0.76	17.30 1.07 -0.71	18.69 1.32 -0.26	20.92 1.55 -0.69	25.07 2.07 -1.02	26.56 2.28 -1.44	29.17 2.53 -1.62	33.60 3.04 -2.12	36.96 3.33 -2.52	40.39 3.63 -3.44	45.79 3.92 -4.18	46.15 3.42 -4.30	46.63 3.56 -3.91	44.26 3.52 -3.72	43.66 3.41 -2.78	38.82 2.73 -1.91	35.41 2.41 -1.29	32.10 2.10 -0.86	29.25 1.89 -0.81	23.80 1.66 -0.60	21.60 1.21 -1.17
N SALMON___HYD 24042	14.46 -0.90 4.13	14.51 -0.69 3.08	14.51 -0.64 2.13	14.48 -0.55 0.36	14.48 -0.59 0.45	14.54 -0.60 1.98	14.61 -0.62 3.46	20.54 -0.81 0.63	22.13 -0.71 0.00	24.20 -0.83 0.00	27.15 -1.02 0.27	30.08 -1.03 0.00	31.92 -1.40 0.00	34.78 -1.51 1.41	33.77 -1.54 3.12	35.33 -1.41 2.42	35.55 -1.48 0.00	36.05 -1.42 0.00	32.87 -1.30 0.00	30.41 -1.30 0.00	28.04 -1.11 0.00	24.93 -1.09 0.53	20.63 -0.90 0.00	16.45 -0.86 1.91
N.E_GEN_SANDY PD 24062	24.06 1.58 -2.99	21.82 1.48 -2.06	20.15 1.38 -1.48	19.65 1.23 -3.02	19.59 1.26 -2.81	19.50 1.37 -1.01	22.74 1.51 -2.54	23.72 1.74 0.00	24.57 1.73 0.00	26.90 1.88 0.00	30.63 2.19 0.00	33.47 2.36 0.00	35.85 2.53 0.00	40.60 2.90 0.00	44.66 3.11 -3.11	49.10 3.06 -6.89	50.82 2.85 -10.94	48.97 2.92 -8.58	41.54 2.77 -4.60	37.00 2.57 -2.72	35.21 2.33 -3.73	30.86 2.10 -2.21	25.73 1.72 -2.47	25.16 1.56 -4.38
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.07 2.12 -2.45	21.93 1.96 -1.69	20.33 1.83 -1.22	19.49 1.62 -2.48	19.46 1.63 -2.30	19.74 1.80 -0.83	22.73 1.96 -2.08	24.34 2.35 0.00	25.25 2.42 0.00	27.73 2.70 0.00	31.54 3.10 0.00	34.47 3.36 0.00	36.99 3.67 0.00	41.88 4.18 0.00	48.90 4.38 -6.09	57.00 4.38 -13.47	62.59 4.18 -21.38	58.48 4.23 -16.77	47.13 3.96 -8.99	40.74 3.71 -5.32	39.82 3.38 -7.29	33.97 3.11 -4.31	29.29 2.54 -5.21	25.02 2.21 -3.59

NARROWS_GT1_1 24228	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
NARROWS_GT1_2 24229	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
NARROWS_GT1_3 24230	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
NARROWS_GT1_4 24231	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
NARROWS_GT1_5 24232	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90	3.14	2.81
	-8.37	-7.69	-7.35	-5.95	-5.98	-5.32	-7.08	-15.83	-16.32	-22.63	-18.88	-17.72	-15.18	-38.27	-77.24	-49.93	-39.21	-38.66	-42.12	-44.80	-76.34	-50.62	-63.98	-28.99
NARROWS_GT1_6 24233	30.55	28.40	26.88	23.32	23.49	24.61	28.18	40.80	42.26	51.03	51.22	53.03	53.00	81.05	120.98	94.41	81.31	81.27	81.08	81.08	109.71	81.08	88.66	51.02
	2.69	2.43	2.25	1.97	1.99	2.17	2.41	2.99	3.11	3.38	3.90	4.20	4.50	5.09	5.31	5.32	5.07	5.13	4.78	4.57	4.22	3.90		



NARROWS_GT2_8 24243	30.55 2.69 -8.37	28.40 2.43 -7.69	26.88 2.25 -7.35	23.32 1.97 -5.95	23.49 1.99 -5.98	24.61 2.17 -5.32	28.18 2.41 -7.08	40.80 2.99 -15.83	42.26 3.11 -16.32	51.03 3.38 -22.63	51.22 3.90 -18.88	53.03 4.20 -17.72	53.00 4.50 -15.18	81.05 5.09 -38.27	120.98 5.31 -77.24	94.41 5.32 -49.93	81.31 5.07 -39.21	81.27 5.13 -38.66	81.08 4.78 -42.12	81.08 4.57 -44.80	109.71 4.22 -76.34	81.08 3.90 -50.62	88.66 3.14 -63.98	51.02 2.81 -28.99
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.22 1.93 -2.80	21.98 1.77 -1.93	20.26 1.59 -1.39	19.63 1.40 -2.83	19.55 1.40 -2.63	19.59 1.52 -0.95	22.84 1.78 -2.38	24.00 2.02 0.00	24.87 2.03 0.00	27.15 2.13 0.00	31.02 2.59 0.00	34.10 2.99 0.00	36.62 3.30 0.00	41.62 3.92 0.00	45.79 4.30 -3.05	50.25 4.35 -6.75	51.90 4.15 -10.73	50.08 4.20 -8.41	42.41 3.73 -4.51	37.81 3.43 -2.67	35.83 3.03 -3.66	31.43 2.71 -2.16	26.44 2.09 -2.81	25.13 1.81 -4.10
NEG CAPITAL___MECHNVIL 23645	24.14 1.25 -3.40	21.76 1.13 -2.34	20.01 1.04 -1.69	19.74 0.91 -3.44	19.65 0.93 -3.19	19.31 1.04 -1.15	22.79 1.21 -2.89	23.30 1.32 0.00	24.16 1.32 0.00	26.45 1.43 0.00	30.20 1.76 0.00	33.07 1.96 0.00	35.32 2.00 0.00	40.04 2.34 0.00	41.31 2.42 -0.45	42.63 2.47 -1.00	40.92 2.30 -1.59	41.08 2.36 -1.25	36.96 2.12 -0.67	33.95 1.84 -0.40	31.38 1.69 -0.54	28.39 1.51 -0.32	23.04 1.27 -0.23	25.41 1.21 -4.97
NEG CENTRAL_HIGH_ACRES 23767	19.17 -0.55 -0.23	17.84 -0.60 -0.16	16.84 -0.59 -0.14	15.15 -0.54 -0.29	15.27 -0.53 -0.27	16.65 -0.56 -0.10	18.31 -0.60 -0.22	20.79 -0.42 0.77	21.40 -0.34 1.10	23.53 -0.25 1.24	26.31 -0.51 1.61	28.60 -0.59 1.92	30.47 -0.23 2.62	34.06 -0.41 3.22	34.54 -0.58 3.32	35.71 -0.43 3.02	33.94 -0.22 2.87	35.07 -0.26 2.15	32.41 -0.34 1.42	30.38 -0.38 0.96	28.07 -0.44 0.64	25.66 -0.29 0.61	20.88 -0.41 0.24	19.02 -0.60 -0.39
NEG CENTRAL___DRP 24199	19.91 0.10 -0.32	18.50 0.00 -0.22	17.44 0.00 -0.16	15.70 -0.02 -0.32	15.84 0.02 -0.30	17.24 0.02 -0.11	18.99 0.04 -0.27	22.27 0.29 0.00	23.18 0.34 0.00	25.35 0.32 0.00	28.64 0.20 0.00	31.30 0.19 0.00	33.85 0.53 0.00	38.26 0.57 0.00	38.93 0.50 0.00	39.78 0.62 0.00	37.70 0.67 0.00	38.11 0.64 0.00	34.72 0.55 0.00	32.16 0.44 0.00	29.47 0.32 0.00	26.95 0.40 0.00	21.89 0.28 -0.08	19.78 0.10 -0.46
NEG CENTRAL___INDECK 23768	20.98 0.68 -0.81	19.28 0.47 -0.53	17.94 0.43 -0.22	16.17 0.34 -0.44	16.32 0.39 -0.41	17.67 0.41 -0.15	19.72 0.50 -0.53	26.32 1.06 -3.28	28.65 1.16 -4.65	31.74 1.48 -5.24	35.63 0.37 -6.83	38.26 -0.96 -8.11	43.97 -0.43 -11.09	50.35 -0.75 -13.41	51.23 -1.00 -13.80	50.96 -0.75 -12.55	48.44 -0.52 -11.93	45.80 -0.60 -8.92	39.76 -0.61 -6.20	36.65 0.76 -4.18	32.54 0.61 -2.78	30.87 1.67 -2.64	24.02 1.01 -1.47	20.57 0.50 -0.85
NEG CENTRAL___SENECA 23627	20.08 0.18 -0.41	18.61 0.06 -0.28	17.53 0.07 -0.18	15.78 0.03 -0.36	15.94 0.08 -0.33	17.32 0.09 -0.12	19.14 0.13 -0.33	22.42 0.44 0.00	23.34 0.50 0.00	25.50 0.47 0.00	28.72 0.28 0.00	31.39 0.28 0.00	34.05 0.73 0.00	38.41 0.71 0.00	39.09 0.65 0.00	39.94 0.78 0.00	37.88 0.85 0.00	38.29 0.82 0.00	34.86 0.68 0.00	32.28 0.57 0.00	29.58 0.44 0.00	27.08 0.53 0.00	22.01 0.39 -0.08	19.91 0.14 -0.55
NEG CENTRAL___STATE_STREET 24147	20.24 0.45 -0.31	18.84 0.35 -0.21	17.75 0.31 -0.15	15.96 0.26 -0.31	16.11 0.29 -0.29	17.53 0.31 -0.10	19.32 0.37 -0.26	22.62 0.64 0.00	23.57 0.73 0.00	25.85 0.82 0.00	29.32 0.88 0.00	32.08 0.97 0.00	34.65 1.33 0.00	39.21 1.51 0.00	39.97 1.54 0.00	40.76 1.61 0.00	38.58 1.55 0.00	39.04 1.57 0.00	35.50 1.33 0.00	32.85 1.14 0.00	30.17 1.02 0.00	27.48 0.93 0.00	22.26 0.65 -0.07	20.13 0.46 -0.45
NEG MILLWOOD___DRP 24198	24.58 2.48 -2.61	22.36 2.28 -1.80	20.69 2.11 -1.30	19.90 1.86 -2.64	19.84 1.86 -2.45	20.05 2.05 -0.89	23.18 2.28 -2.22	24.71 2.73 0.00	25.64 2.81 0.00	28.15 3.13 0.00	32.08 3.64 0.00	35.12 4.01 0.00	37.79 4.47 0.00	42.82 5.13 0.00	49.93 5.38 -6.12	58.21 5.52 -13.54	63.78 5.26 -21.50	59.62 5.28 -16.86	48.10 4.89 -9.04	41.59 4.53 -5.35	40.61 4.14 -7.33	34.58 3.69 -4.34	29.71 2.95 -5.22	25.58 2.54 -3.82
NEG NORTH_FLCN_SEA 23793	18.89 -0.57 0.04	17.89 -0.38 0.00	16.94 -0.35 0.00	15.12 -0.28 0.00	15.21 -0.31 0.00	16.82 -0.29 0.00	18.39 -0.30 0.00	21.54 -0.44 0.00	22.49 -0.34 0.00	24.60 -0.43 0.00	27.93 -0.51 0.00	30.61 -0.50 0.00	32.52 -0.80 0.00	36.87 -0.83 0.00	37.59 -0.85 0.00	38.41 -0.75 0.00	36.21 -0.81 0.00	36.72 -0.75 0.00	33.49 -0.68 0.00	30.98 -0.73 0.00	28.53 -0.61 0.00	25.92 -0.64 0.00	20.98 -0.56 0.00	18.70 -0.52 0.00
NEG NORTH_KES_CHATEGAY 23792	18.75 -0.70 0.04	17.75 -0.53 0.00	16.80 -0.48 0.00	14.99 -0.40 0.00	15.09 -0.43 0.00	16.69 -0.43 0.00	18.24 -0.45 0.00	21.37 -0.62 0.00	22.29 -0.55 0.00	24.37 -0.65 0.00	27.67 -0.77 0.00	30.33 -0.78 0.00	32.25 -1.07 0.00	36.57 -1.13 0.00	37.28 -1.15 0.00	38.10 -1.06 0.00	35.92 -1.11 0.00	36.38 -1.09 0.00	33.18 -0.99 0.00	30.73 -0.98 0.00	28.27 -0.87 0.00	25.70 -0.85 0.00	20.81 -0.73 0.00	18.55 -0.67 0.00
NEG NORTH___ALICE_FALLS 23915	18.83 -0.62 0.04	17.88 -0.40 0.00	16.90 -0.38 0.00	15.09 -0.31 0.00	15.17 -0.36 0.00	16.79 -0.33 0.00	18.35 -0.34 0.00	21.50 -0.48 0.00	22.47 -0.37 0.00	24.57 -0.45 0.00	27.90 -0.54 0.00	30.58 -0.53 0.00	32.42 -0.90 0.00	36.79 -0.91 0.00	37.47 -0.96 0.00	38.33 -0.82 0.00	36.14 -0.89 0.00	36.61 -0.86 0.00	33.42 -0.75 0.00	30.89 -0.82 0.00	28.50 -0.64 0.00	25.89 -0.66 0.00	20.94 -0.60 0.00	18.65 -0.58 0.00
NEG NORTH___LWR_SARANAC 23913	18.83 -0.62 0.04	17.88 -0.40 0.00	16.90 -0.38 0.00	15.09 -0.31 0.00	15.17 -0.36 0.00	16.79 -0.33 0.00	18.35 -0.34 0.00	21.50 -0.48 0.00	22.47 -0.37 0.00	24.57 -0.45 0.00	27.90 -0.54 0.00	30.58 -0.53 0.00	32.42 -0.90 0.00	36.79 -0.91 0.00	37.47 -0.96 0.00	38.33 -0.82 0.00	36.14 -0.89 0.00	36.61 -0.86 0.00	33.42 -0.75 0.00	30.89 -0.82 0.00	28.50 -0.64 0.00	25.89 -0.66 0.00	20.94 -0.60 0.00	18.65 -0.58 0.00
NEG NORTH___PLATTSBURG 23628	18.83 -0.62 0.04	17.88 -0.40 0.00	16.90 -0.38 0.00	15.09 -0.31 0.00	15.17 -0.36 0.00	16.79 -0.33 0.00	18.35 -0.34 0.00	21.50 -0.48 0.00	22.47 -0.37 0.00	24.57 -0.45 0.00	27.90 -0.54 0.00	30.58 -0.53 0.00	32.42 -0.90 0.00	36.79 -0.91 0.00	37.47 -0.96 0.00	38.33 -0.82 0.00	36.14 -0.89 0.00	36.61 -0.86 0.00	33.42 -0.75 0.00	30.89 -0.82 0.00	28.50 -0.64 0.00	25.89 -0.66 0.00	20.94 -0.60 0.00	18.65 -0.58 0.00
NEG WEST_LEA_LOCKPORT 23791	20.74 -0.25 -1.50	18.82 -0.40 -0.94	17.18 -0.31 -0.21	15.46 -0.32 -0.39	15.59 -0.30 -0.36	16.87 -0.38 -0.13	18.99 -0.50 -0.81	26.65 -0.33 -4.99	29.54 -0.37 -7.07	32.93 -0.07 -7.98	38.18 -0.65 -10.40	42.62 -0.84 -12.35	50.10 -0.10 -16.88	57.32 -0.75 -20.38	58.41 -1.00 -20.97	57.53 -0.70 -19.08	54.72 -0.44 -18.13	50.55 -0.49 -13.57	43.92 -0.45 -10.19	38.33 -0.25 -6.87	33.28 -0.44 -4.57	30.74 -0.16 -4.34	23.45 -0.43 -2.34	19.81 -0.62 -1.21

NEG WEST___LANCASTR 23811	21.83 0.23 -2.11	19.63 0.04 -1.32	17.67 0.14 -0.25	15.94 0.09 -0.45	16.11 0.17 -0.42	17.42 0.15 -0.15	19.90 0.13 -1.08	36.69 0.70 -14.01	43.32 0.64 -19.84	48.40 1.00 -22.38	58.20 0.60 -29.17	66.31 0.56 -34.64	82.04 1.37 -47.36	96.28 1.02 -57.56	98.58 0.92 -59.23	94.22 1.17 -53.89	89.60 1.37 -51.20	76.98 1.20 -38.31	61.23 1.13 -25.93	50.27 1.08 -17.48	41.59 0.81 -11.62	38.56 0.95 -11.05	27.91 0.54 -5.84	20.89 0.06 -1.61
NEG_PENN_ALLEGHNY 23528	21.19 0.70 -1.00	19.55 0.60 -0.67	18.31 0.60 -0.42	16.75 0.51 -0.85	16.87 0.56 -0.79	18.01 0.62 -0.28	20.12 0.65 -0.78	24.35 0.92 -1.44	25.82 0.94 -2.04	28.43 1.10 -2.30	32.61 1.17 -3.00	35.95 1.28 -3.57	39.80 1.60 -4.88	45.37 1.74 -5.94	46.32 1.77 -6.11	46.56 1.84 -5.56	44.13 1.81 -5.29	43.19 1.76 -3.96	38.48 1.61 -2.70	34.99 1.46 -1.82	31.64 1.28 -1.21	28.90 1.20 -1.15	23.22 0.88 -0.80	21.21 0.67 -1.32
NEG___GEN_MONROE 24207	20.04 0.18 -0.37	18.55 0.02 -0.25	17.42 -0.02 -0.15	15.64 -0.06 -0.31	15.78 -0.03 -0.29	17.22 0.00 -0.10	19.01 0.04 -0.29	22.42 0.44 0.00	23.45 0.62 0.00	25.95 0.93 0.00	29.21 0.77 0.00	31.92 0.81 0.00	34.75 1.43 0.00	39.13 1.43 0.00	39.51 1.07 0.00	40.52 1.37 0.00	38.55 1.52 0.00	38.89 1.42 0.00	35.34 1.16 0.00	32.79 1.08 0.00	29.99 0.85 0.00	27.48 0.93 0.00	22.08 0.47 -0.07	19.79 0.08 -0.49
NEPA___ENERGY 23901	20.25 -0.18 -0.94	18.60 -0.29 -0.61	17.38 -0.17 -0.27	15.74 -0.18 -0.53	15.93 -0.09 -0.49	17.16 -0.14 -0.18	19.09 -0.22 -0.62	25.74 0.09 -3.67	28.05 0.02 -5.20	31.11 0.22 -5.86	35.90 -0.17 -7.64	39.90 -0.28 -9.07	46.05 0.33 -12.40	52.92 -0.04 -15.26	53.98 -0.15 -15.70	53.48 0.04 -14.29	50.90 0.29 -13.58	47.74 0.11 -10.16	41.27 0.27 -6.82	36.50 0.19 -4.60	32.26 0.06 -3.06	29.67 0.21 -2.91	23.17 0.00 -1.63	19.98 -0.25 -1.01
NEVERSINK___HYD 23608	23.35 1.23 -2.63	21.21 1.12 -1.81	19.59 1.00 -1.31	18.93 0.88 -2.66	18.87 0.87 -2.47	18.98 0.98 -0.89	22.06 1.14 -2.24	23.35 1.36 0.00	25.14 2.31 0.00	27.62 2.60 0.00	31.51 3.07 0.00	34.50 3.39 0.00	37.05 3.73 0.00	42.03 4.33 0.00	44.90 2.31 -4.16	50.67 2.31 -9.21	53.91 2.26 -14.62	51.22 2.29 -11.47	44.52 4.20 -6.15	39.28 3.93 -3.64	37.69 3.55 -4.98	32.69 3.19 -2.95	27.83 2.48 -3.82	25.17 2.10 -3.85
NEWTON___FALLS_HYD 23847	13.45 -1.91 4.13	13.52 -1.68 3.08	13.54 -1.61 2.13	13.62 -1.42 0.36	13.60 -1.48 0.45	13.55 -1.59 1.98	13.50 -1.72 3.46	19.15 -2.20 0.63	20.76 -2.08 0.00	22.67 -2.35 0.00	25.38 -2.79 0.27	28.25 -2.86 0.00	29.99 -3.33 0.00	32.48 -3.81 1.41	31.43 -3.88 3.12	32.94 -3.80 2.42	33.25 -3.78 0.00	33.80 -3.67 0.00	30.79 -3.38 0.00	28.51 -3.20 0.00	26.29 -2.86 0.00	23.39 -2.63 0.53	19.45 -2.09 0.00	15.43 -1.88 1.91
NIAGARA_115E_LBMP 323715	21.32 -0.43 -2.26	19.12 -0.57 -1.41	17.05 -0.47 -0.23	15.34 -0.45 -0.39	15.47 -0.42 -0.37	16.70 -0.55 -0.13	19.10 -0.73 -1.14	29.59 -0.57 -8.18	33.80 -0.62 -11.58	37.71 -0.37 -13.06	44.46 -1.00 -17.02	50.09 -1.25 -20.22	60.43 -0.53 -27.64	69.91 -1.21 -33.43	71.37 -1.46 -34.39	69.23 -1.21 -31.29	65.87 -0.89 -29.73	58.71 -1.01 -22.25	50.45 -0.85 -17.13	42.65 -0.60 -11.54	36.10 -0.73 -7.68	33.43 -0.43 -7.30	24.77 -0.65 -3.88	20.01 -0.86 -1.65
NIAGARA_115W_LBMP 323714	20.23 -0.76 -1.50	18.35 -0.88 -0.94	16.75 -0.74 -0.21	15.09 -0.69 -0.39	15.22 -0.67 -0.36	16.44 -0.80 -0.13	18.52 -0.97 -0.81	18.94 -0.72 2.31	18.76 -0.80 3.28	20.75 -0.57 3.70	22.43 -1.19 4.82	23.93 -1.46 5.72	24.74 -0.77 7.82	26.69 -1.43 9.57	26.89 -1.69 9.85	28.74 -1.45 8.96	27.36 -1.15 8.52	29.79 -1.31 6.37	28.56 -1.20 4.42	27.79 -0.95 2.98	26.12 -1.05 1.98	23.96 -0.72 1.88	19.79 -0.86 0.89	19.30 -1.13 -1.21
NIAGARA_230_LBMP 323716	18.31 -0.66 0.52	17.21 -0.79 0.28	16.80 -0.66 -0.17	15.15 -0.63 -0.38	15.29 -0.59 -0.36	16.54 -0.70 -0.13	17.78 -0.84 0.06	15.23 -0.53 6.23	13.45 -0.57 8.82	14.73 -0.35 9.95	14.56 -0.91 12.96	14.59 -1.12 15.40	11.84 -0.43 21.05	11.08 -1.02 25.60	10.86 -1.23 26.34	14.21 -0.98 23.97	13.55 -0.70 22.78	19.60 -0.82 17.04	21.49 -0.78 11.90	23.09 -0.60 8.02	23.09 -0.73 5.33	21.03 -0.45 5.07	18.35 -0.65 2.54	18.30 -0.96 -0.04
NIAGARA___ 23760	19.59 -0.62 -0.72	18.00 -0.75 -0.47	16.84 -0.64 -0.20	15.18 -0.60 -0.39	15.31 -0.57 -0.36	16.56 -0.69 -0.13	18.32 -0.84 -0.47	19.90 -0.59 1.49	20.08 -0.64 2.11	22.24 -0.40 2.38	24.34 -1.00 3.10	26.21 -1.21 3.69	27.75 -0.53 5.04	30.33 -1.17 6.20	30.67 -1.38 6.38	32.18 -1.17 5.80	30.66 -0.85 5.51	32.33 -1.01 4.13	30.79 -0.92 2.46	29.36 -0.70 1.66	27.23 -0.82 1.10	25.00 -0.51 1.05	20.40 -0.69 0.45	19.00 -0.98 -0.76
NINE_MILE_1 23575	19.18 -0.47 -0.16	17.91 -0.48 -0.11	16.91 -0.45 -0.08	15.15 -0.40 -0.16	15.27 -0.40 -0.15	16.72 -0.45 -0.05	18.33 -0.49 -0.13	21.45 -0.53 0.00	22.31 -0.52 0.00	24.47 -0.55 0.00	27.78 -0.65 0.00	30.36 -0.75 0.00	32.62 -0.70 0.00	36.87 -0.83 0.00	37.55 -0.88 0.00	38.29 -0.86 0.00	36.25 -0.78 0.00	36.68 -0.79 0.00	33.42 -0.75 0.00	30.98 -0.73 0.00	28.48 -0.67 0.00	25.97 -0.58 0.00	21.10 -0.47 -0.04	19.05 -0.40 -0.23
NINE_MILE_2 23744	19.18 -0.47 -0.16	17.91 -0.48 -0.11	16.91 -0.45 -0.08	15.15 -0.40 -0.16	15.28 -0.39 -0.15	16.72 -0.45 -0.05	18.33 -0.49 -0.13	21.45 -0.53 0.00	22.31 -0.52 0.00	24.47 -0.55 0.00	27.78 -0.65 0.00	30.36 -0.75 0.00	32.62 -0.70 0.00	36.87 -0.83 0.00	37.55 -0.88 0.00	38.29 -0.86 0.00	36.25 -0.78 0.00	36.68 -0.79 0.00	33.42 -0.75 0.00	30.98 -0.73 0.00	28.48 -0.67 0.00	25.97 -0.58 0.00	21.10 -0.47 -0.04	19.05 -0.40 -0.23
NM_CAPITAL___DRP 24208	23.79 1.03 -3.27	21.48 0.95 -2.25	19.80 0.90 -1.62	19.48 0.78 -3.30	19.40 0.81 -3.07	19.11 0.89 -1.11	22.45 0.99 -2.78	23.08 1.10 0.00	23.82 0.98 0.00	26.02 1.00 0.00	29.66 1.22 0.00	32.45 1.34 0.00	34.69 1.37 0.00	39.32 1.62 0.00	40.43 1.73 -0.27	41.46 1.72 -0.59	39.56 1.59 -0.94	39.79 1.57 -0.74	36.04 1.47 -0.40	33.31 1.36 -0.23	30.72 1.25 -0.32	27.86 1.12 -0.19	22.52 0.93 -0.06	24.87 0.87 -4.78
NM_CENTRAL___DRP 24181	19.69 0.00 -0.20	18.37 -0.05 -0.14	17.31 -0.07 -0.10	15.54 -0.06 -0.21	15.67 -0.05 -0.19	17.12 -0.07 -0.07	18.82 -0.04 -0.17	22.03 0.04 0.00	22.93 0.09 0.00	25.17 0.15 0.00	28.61 0.17 0.00	31.20 0.09 0.00	33.56 0.23 0.00	37.92 0.23 0.00	38.63 0.19 0.00	39.39 0.24 0.00	37.29 0.26 0.00	37.70 0.23 0.00	34.31 0.14 0.00	31.87 0.16 0.00	29.32 0.18 0.00	26.71 0.16 0.00	21.68 0.09 -0.05	19.56 0.04 -0.30
NM_FRONTIER___DRP 24179	20.23 -0.76 -1.50	18.35 -0.88 -0.94	16.75 -0.74 -0.21	15.09 -0.69 -0.39	15.22 -0.67 -0.36	16.44 -0.80 -0.13	18.52 -0.97 -0.81	18.94 -0.72 2.31	18.76 -0.80 3.28	20.75 -0.57 3.70	22.43 -1.19 4.82	23.93 -1.46 5.72	24.74 -0.77 7.82	26.69 -1.43 9.57	26.89 -1.69 9.85	28.74 -1.45 8.96	27.36 -1.15 8.52	29.79 -1.31 6.37	28.56 -1.20 4.42	27.79 -0.95 2.98	26.12 -1.05 1.98	23.96 -0.72 1.88	19.79 -0.86 0.89	19.30 -1.13 -1.21

NM_ST_REGIS___HYD 24053	13.92 -1.44 4.13	13.96 -1.24 3.08	13.96 -1.19 2.13	13.99 -1.05 0.36	13.99 -1.09 0.45	13.98 -1.16 1.98	13.97 -1.25 3.46	19.79 -1.56 0.63	21.37 -1.46 0.00	23.37 -1.65 0.00	26.18 -1.99 0.27	29.12 -1.99 0.00	30.89 -2.43 0.00	33.54 -2.75 1.41	32.47 -2.84 3.12	34.04 -2.70 2.42	34.29 -2.74 0.00	34.81 -2.66 0.00	31.71 -2.46 0.00	29.37 -2.35 0.00	27.08 -2.07 0.00	24.06 -1.96 0.53	19.97 -1.57 0.00	15.88 -1.44 1.91
NORTHPORT___1 23551	27.73 2.87 -5.37	25.35 2.63 -4.44	23.32 2.45 -3.58	21.32 2.19 -3.74	21.33 2.24 -3.57	22.28 2.40 -2.77	25.07 2.67 -3.71	29.74 3.10 -4.66	38.56 3.17 -12.55	38.91 3.48 -10.41	40.69 3.70 -8.56	45.47 4.04 -10.32	54.00 4.33 -16.35	67.09 4.90 -24.50	91.27 5.15 -47.69	90.93 5.17 -46.61	118.08 4.93 -76.12	98.87 4.98 -56.42	75.84 4.61 -37.05	56.52 4.38 -20.43	49.11 4.05 -15.91	44.73 3.69 -14.49	39.54 3.27 -14.73	37.74 2.90 -15.61
NORTHPORT___2 23552	27.73 2.87 -5.37	25.35 2.63 -4.44	23.32 2.45 -3.58	21.32 2.19 -3.74	21.33 2.24 -3.57	22.28 2.40 -2.77	25.07 2.67 -3.71	29.74 3.10 -4.66	38.56 3.17 -12.55	38.91 3.48 -10.41	40.69 3.70 -8.56	45.47 4.04 -10.32	54.00 4.33 -16.35	67.09 4.90 -24.50	91.27 5.15 -47.69	90.93 5.17 -46.61	118.08 4.93 -76.12	98.87 4.98 -56.42	75.84 4.61 -37.05	56.52 4.38 -20.43	49.11 4.05 -15.91	44.73 3.69 -14.49	39.54 3.27 -14.73	37.74 2.90 -15.61
NORTHPORT___3 23553	27.66 2.83 -5.34	25.30 2.61 -4.41	23.27 2.44 -3.55	21.28 2.16 -3.73	21.27 2.19 -3.56	22.27 2.40 -2.76	25.01 2.62 -3.70	29.71 3.08 -4.65	38.44 3.06 -12.54	38.78 3.35 -10.41	40.54 3.55 -8.54	45.33 3.92 -10.30	53.90 4.23 -16.34	67.02 4.83 -24.49	91.19 5.07 -47.69	90.89 5.13 -46.61	118.04 4.89 -76.12	98.80 4.91 -56.42	75.81 4.58 -37.05	56.41 4.28 -20.42	48.98 3.93 -15.90	44.57 3.56 -14.46	39.26 3.02 -14.71	37.62 2.81 -15.59
NORTHPORT___4 23650	27.66 2.83 -5.34	25.30 2.61 -4.41	23.27 2.44 -3.55	21.28 2.16 -3.73	21.27 2.19 -3.56	22.27 2.40 -2.76	25.01 2.62 -3.70	29.71 3.08 -4.65	38.44 3.06 -12.54	38.78 3.35 -10.41	40.54 3.55 -8.54	45.33 3.92 -10.30	53.90 4.23 -16.34	67.02 4.83 -24.49	91.19 5.07 -47.69	90.89 5.13 -46.61	118.04 4.89 -76.12	98.80 4.91 -56.42	75.81 4.58 -37.05	56.41 4.28 -20.42	48.98 3.93 -15.90	44.57 3.56 -14.46	39.26 3.02 -14.71	37.62 2.81 -15.59
NORTHPORT___IC 23718	27.73 2.87 -5.37	25.35 2.63 -4.44	23.32 2.45 -3.58	21.32 2.19 -3.74	21.33 2.24 -3.57	22.28 2.40 -2.77	25.07 2.67 -3.71	29.74 3.10 -4.66	38.56 3.17 -12.55	38.91 3.48 -10.41	40.69 3.70 -8.56	45.47 4.04 -10.32	54.00 4.33 -16.35	67.09 4.90 -24.50	91.27 5.15 -47.69	90.93 5.17 -46.61	118.08 4.93 -76.12	98.87 4.98 -56.42	75.84 4.61 -37.05	56.52 4.38 -20.43	49.11 4.05 -15.91	44.73 3.69 -14.49	39.54 3.27 -14.73	37.74 2.90 -15.61
NPX_GEN_1385_PROXY 323591	27.30 2.44 -5.37	25.00 2.28 -4.44	22.92 2.06 -3.58	21.11 1.97 -3.74	21.16 2.07 -3.57	21.90 2.02 -2.77	24.86 2.47 -3.71	29.10 2.46 -4.66	32.40 2.49 -7.08	35.70 2.73 -7.95	38.70 2.84 -7.42	41.90 3.14 -7.65	43.70 3.33 -7.05	47.90 3.77 -6.43	54.80 4.00 -12.37	57.20 4.00 -14.05	57.10 3.81 -16.26	56.90 3.86 -15.57	50.90 3.59 -13.14	46.75 3.43 -11.61	41.72 3.18 -9.40	37.45 2.89 -8.00	29.61 2.63 -5.45	27.55 2.34 -5.98
NPX_GEN_CSC 323557	28.18 2.94 -5.75	25.69 2.65 -4.77	23.72 2.47 -3.96	21.41 2.17 -3.84	21.40 2.20 -3.67	22.40 2.41 -2.87	25.12 2.64 -3.80	29.97 3.25 -4.74	38.82 3.40 -12.59	39.31 3.83 -10.46	41.37 4.24 -8.70	46.34 4.76 -10.47	54.91 5.13 -16.46	68.05 5.80 -24.55	92.23 6.11 -47.69	91.87 6.11 -46.61	118.97 5.81 -76.12	99.77 5.88 -56.42	76.69 5.47 -37.05	57.43 5.17 -20.55	49.91 4.72 -16.05	45.71 4.33 -14.83	40.13 3.62 -14.97	38.08 3.04 -15.82
NSINS_S_GLNS_FALLS 23858	23.77 0.90 -3.38	21.40 0.79 -2.33	19.65 0.69 -1.68	19.43 0.62 -3.42	19.34 0.64 -3.18	19.00 0.74 -1.15	22.46 0.90 -2.87	22.93 0.94 0.00	23.82 0.98 0.00	26.10 1.08 0.00	29.80 1.36 0.00	32.57 1.46 0.00	34.75 1.43 0.00	39.43 1.74 0.00	40.95 1.81 -0.71	42.57 1.84 -1.58	41.04 1.67 -2.34	41.03 1.72 -1.84	36.73 1.57 -0.98	33.63 1.33 -0.58	31.14 1.20 -0.80	28.12 1.09 -0.47	22.90 0.95 -0.42	25.11 0.94 -4.95
NUCOR_STEEL___DRP 24197	20.09 0.31 -0.29	18.72 0.24 -0.20	17.64 0.21 -0.15	15.88 0.19 -0.30	16.00 0.20 -0.28	17.42 0.21 -0.10	19.16 0.23 -0.25	22.42 0.44 0.00	23.34 0.50 0.00	25.60 0.58 0.00	29.04 0.60 0.00	31.76 0.65 0.00	34.25 0.93 0.00	38.75 1.05 0.00	39.47 1.04 0.00	40.29 1.14 0.00	38.18 1.15 0.00	38.63 1.16 0.00	35.13 0.96 0.00	32.54 0.82 0.00	29.88 0.73 0.00	27.24 0.69 0.00	22.08 0.47 -0.07	19.98 0.33 -0.43
NYISO_LBMP_REFERENCE 24008	19.49 0.00 0.00	18.28 0.00 0.00	17.28 0.00 0.00	15.40 0.00 0.00	15.52 0.00 0.00	17.12 0.00 0.00	18.69 0.00 0.00	21.98 0.00 0.00	22.84 0.00 0.00	25.02 0.00 0.00	28.44 0.00 0.00	31.11 0.00 0.00	33.32 0.00 0.00	37.70 0.00 0.00	38.43 0.00 0.00	39.15 0.00 0.00	37.03 0.00 0.00	37.47 0.00 0.00	34.17 0.00 0.00	31.71 0.00 0.00	29.15 0.00 0.00	26.55 0.00 0.00	21.54 0.00 0.00	19.22 0.00 0.00
NYPA_BRENTWD___GT 24164	28.90 3.14 -6.27	26.37 2.87 -5.22	24.46 2.68 -4.50	21.76 2.37 -3.99	21.75 2.41 -3.82	22.74 2.62 -3.01	25.50 2.90 -3.92	30.31 3.47 -4.85	39.06 3.59 -12.64	39.54 3.98 -10.54	41.68 4.35 -8.89	46.37 4.57 -10.68	54.75 4.83 -16.60	67.77 5.46 -24.61	91.85 5.73 -47.69	91.52 5.76 -46.61	118.63 5.48 -76.12	99.43 5.54 -56.42	76.38 5.16 -37.05	57.27 4.85 -20.71	49.95 4.58 -16.23	46.02 4.17 -15.30	40.55 3.71 -15.31	38.53 3.19 -16.11
NYPA_GOWANUS___GT5 24156	30.55 2.69 -8.37	28.40 2.43 -7.69	26.88 2.25 -7.35	23.32 1.97 -5.95	23.49 1.99 -5.98	24.61 2.17 -5.32	28.18 2.41 -7.08	40.80 2.99 -15.83	42.26 3.11 -16.32	51.03 3.38 -22.63	51.22 3.90 -18.88	53.00 4.17 -17.72	53.00 4.50 -15.18	81.05 5.09 -38.27	120.94 5.27 -77.24	94.41 5.32 -49.93	81.27 5.04 -39.21	81.27 5.13 -38.66	81.08 4.78 -42.12	81.05 4.53 -44.80	109.69 4.20 -76.34	81.05 3.88 -50.62	88.64 3.12 -63.98	51.00 2.79 -28.99
NYPA_GOWANUS___GT6 24157	30.55 2.69 -8.37	28.40 2.43 -7.69	26.88 2.25 -7.35	23.32 1.97 -5.95	23.49 1.99 -5.98	24.61 2.17 -5.32	28.18 2.41 -7.08	40.80 2.99 -15.83	42.26 3.11 -16.32	51.03 3.38 -22.63	51.22 3.90 -18.88	53.00 4.17 -17.72	53.00 4.50 -15.18	81.05 5.09 -38.27	120.94 5.27 -77.24	94.41 5.32 -49.93	81.27 5.04 -39.21	81.27 5.13 -38.66	81.08 4.78 -42.12	81.05 4.53 -44.80	109.69 4.20 -76.34	81.05 3.88 -50.62	88.64 3.12 -63.98	51.00 2.79 -28.99
NYPA_HARLEM___RVR_GT1 24160	30.27 2.59 -8.19	28.16 2.38 -7.50	21.35 2.20 -1.87	20.32 1.94 -2.98	20.30 1.96 -2.82	20.73 2.16 -1.46	23.82 2.37 -2.76	26.74 2.88 -1.88	41.58 2.92 -15.82	43.12 3.18 -14.92	46.58 3.67 -14.47	47.31 3.89 -12.31	48.99 4.13 -11.54	51.33 4.64 -8.99	53.00 4.84 -9.72	61.17 4.81 -17.20	69.10 4.59 -27.48	63.50 4.72 -21.31	50.67 4.58 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.87 3.72 -15.60	43.58 2.91 -19.14	40.57 2.63 -18.71

NYPA_HARLEM__RVR__GT2 24161	30.27 2.59 -8.19	28.16 2.38 -7.50	21.35 2.20 -1.87	20.32 1.94 -2.98	20.30 1.96 -2.82	20.73 2.16 -1.46	23.82 2.37 -2.76	26.74 2.88 -1.88	41.58 2.92 -15.82	43.12 3.18 -14.92	46.58 3.67 -14.47	47.31 3.89 -12.31	48.99 4.13 -11.54	51.33 4.64 -8.99	53.00 4.84 -9.72	61.17 4.81 -17.20	69.10 4.59 -27.48	63.50 4.72 -21.31	50.67 4.58 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.87 3.72 -15.60	43.58 2.91 -19.14	40.57 2.63 -18.71
NYPA_KENT____GT 24152	30.51 2.65 -8.37	28.38 2.41 -7.69	26.87 2.23 -7.35	23.33 1.97 -5.96	23.50 1.99 -5.99	24.61 2.17 -5.32	28.18 2.41 -7.08	40.76 2.95 -15.83	42.20 3.04 -16.32	48.11 3.33 -19.76	49.38 3.81 -17.14	50.80 4.11 -15.58	51.46 4.40 -13.74	69.30 4.94 -26.67	94.11 5.19 -50.49	81.33 5.21 -36.97	76.51 4.93 -34.56	74.24 4.98 -31.79	57.55 4.68 -18.69	67.71 4.44 -31.56	84.67 4.11 -51.42	51.00 3.80 -20.65	70.83 3.08 -46.21	47.08 2.75 -25.11
NYPA_POUCH1____GT 24155	30.59 2.65 -8.45	28.42 2.38 -7.77	26.91 2.20 -7.44	23.27 1.92 -5.95	23.45 1.94 -5.98	24.62 2.12 -5.38	28.19 2.35 -7.15	40.94 2.90 -16.06	42.43 3.04 -16.56	53.00 3.28 -24.70	53.15 3.78 -20.93	55.42 4.07 -20.23	54.59 4.40 -16.88	94.52 4.98 -51.85	152.20 5.19 -108.58	111.71 5.21 -67.35	92.36 4.96 -50.37	91.98 5.06 -49.46	95.03 4.72 -56.14	96.52 4.50 -60.31	138.82 4.14 -105.54	96.94 3.82 -66.56	108.07 3.08 -83.45	53.71 2.77 -31.72
NYPA_VERNON____GT2 24162	30.49 2.63 -8.37	28.36 2.39 -7.69	26.87 2.23 -7.35	23.32 1.96 -5.97	23.51 1.99 -6.00	24.61 2.17 -5.32	28.18 2.41 -7.08	40.74 2.92 -15.83	42.15 2.99 -16.32	45.20 3.28 -16.90	47.58 3.75 -15.39	48.59 4.04 -13.44	49.92 4.30 -12.30	57.63 4.86 -15.07	67.28 5.11 -23.74	68.28 5.13 -24.00	71.79 4.85 -29.91	67.29 4.91 -24.91	53.00 4.58 -14.25	54.41 4.38 -18.32	59.66 4.02 -26.49	47.61 3.72 -17.33	52.97 2.99 -28.44	43.14 2.69 -21.23
NYPA_VERNON____GT3 24163	30.49 2.63 -8.37	28.36 2.39 -7.69	26.87 2.23 -7.35	23.32 1.96 -5.97	23.51 1.99 -6.00	24.61 2.17 -5.32	28.18 2.41 -7.08	40.74 2.92 -15.83	42.15 2.99 -16.32	45.20 3.28 -16.90	47.58 3.75 -15.39	48.59 4.04 -13.44	49.92 4.30 -12.30	57.63 4.86 -15.07	67.28 5.11 -23.74	68.28 5.13 -24.00	71.79 4.85 -29.91	67.29 4.91 -24.91	53.00 4.58 -14.25	54.41 4.38 -18.32	59.66 4.02 -26.49	47.61 3.72 -17.33	52.97 2.99 -28.44	43.14 2.69 -21.23
NYPA__ASTORIA_CC1 323568	30.45 2.59 -8.37	28.34 2.38 -7.69	26.83 2.20 -7.35	23.29 1.94 -5.95	23.48 1.97 -5.98	24.59 2.16 -5.32	28.14 2.37 -7.08	40.69 2.88 -15.83	42.11 2.95 -16.32	43.62 3.20 -15.40	46.58 3.67 -14.47	47.35 3.92 -12.32	49.06 4.20 -11.54	51.41 4.71 -9.00	53.13 4.96 -9.73	61.34 4.97 -17.21	69.25 4.74 -27.48	63.58 4.80 -21.31	50.57 4.48 -11.92	47.38 4.28 -11.39	46.55 3.96 -13.44	45.82 3.67 -15.60	43.63 2.95 -19.14	41.07 2.65 -19.19
NYPA__ASTORIA_CC2 323569	30.45 2.59 -8.37	28.34 2.38 -7.69	26.83 2.20 -7.35	23.29 1.94 -5.95	23.48 1.97 -5.98	24.59 2.16 -5.32	28.14 2.37 -7.08	40.69 2.88 -15.83	42.11 2.95 -16.32	43.62 3.20 -15.40	46.58 3.67 -14.47	47.35 3.92 -12.32	49.06 4.20 -11.54	51.41 4.71 -9.00	53.13 4.96 -9.73	61.34 4.97 -17.21	69.25 4.74 -27.48	63.58 4.80 -21.31	50.57 4.48 -11.92	47.38 4.28 -11.39	46.55 3.96 -13.44	45.82 3.67 -15.60	43.63 2.95 -19.14	41.07 2.65 -19.19
NYPA__HOLTSVILL 23794	28.20 3.00 -5.71	25.74 2.72 -4.74	23.77 2.56 -3.93	21.49 2.26 -3.83	21.48 2.30 -3.66	22.47 2.50 -2.86	25.20 2.73 -3.79	30.03 3.32 -4.73	38.84 3.42 -12.58	39.31 3.83 -10.46	41.27 4.15 -8.68	46.17 4.60 -10.45	54.70 4.93 -16.45	67.78 5.54 -24.54	91.92 5.80 -47.69	91.56 5.79 -46.61	118.67 5.52 -76.12	99.47 5.58 -56.42	76.42 5.19 -37.05	57.16 4.92 -20.54	49.72 4.54 -16.03	45.52 4.17 -14.80	40.07 3.58 -14.95	38.10 3.07 -15.80
NYPA____HELLGATE_GT1 24158	30.27 2.59 -8.19	28.16 2.38 -7.50	31.96 2.20 -12.48	26.26 1.94 -8.92	26.62 1.96 -9.14	28.17 2.16 -8.90	32.15 2.37 -11.09	53.67 2.88 -28.80	41.58 2.92 -15.82	43.12 3.18 -14.92	46.58 3.67 -14.47	47.31 3.89 -12.31	48.99 4.13 -11.54	51.33 4.64 -8.99	53.00 4.84 -9.72	61.17 4.81 -17.20	69.10 4.59 -27.48	63.50 4.72 -21.31	50.67 4.58 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.87 3.72 -15.60	43.58 2.91 -19.14	40.57 2.63 -18.71
NYPA____HELLGATE_GT2 24159	30.27 2.59 -8.19	28.16 2.38 -7.50	31.96 2.20 -12.48	26.26 1.94 -8.92	26.62 1.96 -9.14	28.17 2.16 -8.90	32.15 2.37 -11.09	53.67 2.88 -28.80	41.58 2.92 -15.82	43.12 3.18 -14.92	46.58 3.67 -14.47	47.31 3.89 -12.31	48.99 4.13 -11.54	51.33 4.64 -8.99	53.00 4.84 -9.72	61.17 4.81 -17.20	69.10 4.59 -27.48	63.50 4.72 -21.31	50.67 4.58 -11.92	47.31 4.22 -11.38	46.48 3.91 -13.43	45.87 3.72 -15.60	43.58 2.91 -19.14	40.57 2.63 -18.71
NYS_BARGE__HYD 23848	20.98 -0.19 -1.69	18.97 -0.37 -1.06	17.22 -0.28 -0.21	15.50 -0.28 -0.38	15.62 -0.26 -0.36	16.90 -0.34 -0.13	19.11 -0.47 -0.89	27.34 -0.24 -5.60	30.50 -0.27 -7.93	34.00 0.03 -8.95	39.56 -0.54 -11.66	44.25 -0.71 -13.85	52.32 0.07 -18.94	60.01 -0.56 -22.87	61.16 -0.81 -23.54	60.02 -0.55 -21.42	57.12 -0.26 -20.35	52.36 -0.34 -15.23	45.38 -0.27 -11.48	39.36 -0.09 -7.74	34.00 -0.29 -5.15	31.42 -0.03 -4.90	23.84 -0.32 -2.63	19.96 -0.58 -1.31
O.H_GEN_BRUCE 24063	18.90 -0.55 0.04	17.45 -0.66 0.17	16.18 -0.54 0.57	15.30 -0.52 -0.43	15.45 -0.47 -0.40	15.25 -0.56 1.30	18.17 -0.67 -0.16	18.00 -0.37 3.61	17.31 -0.41 5.11	19.06 -0.20 5.76	20.21 -0.71 7.51	21.31 -0.87 8.92	20.89 -0.23 12.20	22.15 -0.75 14.79	22.29 -0.92 15.22	24.60 -0.70 13.85	23.46 -0.41 13.16	27.06 -0.56 9.85	26.72 -0.51 6.94	26.62 -0.41 4.68	25.51 -0.52 3.11	23.33 -0.27 2.96	19.63 -0.47 1.44	18.80 -0.77 -0.35
OAK_ORCHARD__HYD 24046	19.72 -0.08 -0.30	18.29 -0.20 -0.21	17.21 -0.23 -0.15	15.47 -0.23 -0.31	15.59 -0.22 -0.28	16.98 -0.24 -0.10	18.70 -0.24 -0.26	22.07 0.09 0.00	23.02 0.18 0.00	25.42 0.40 0.00	28.64 0.20 0.00	31.27 0.16 0.00	33.99 0.67 0.00	38.26 0.57 0.00	38.74 0.31 0.00	39.74 0.59 0.00	37.77 0.74 0.00	38.15 0.68 0.00	34.69 0.51 0.00	32.19 0.48 0.00	29.47 0.32 0.00	27.00 0.45 0.00	21.76 0.15 -0.07	19.51 -0.15 -0.44
OCC_CHEM__DRP 24175	20.54 -0.70 -1.75	18.55 -0.82 -1.09	16.81 -0.69 -0.22	15.14 -0.65 -0.39	15.27 -0.62 -0.36	16.51 -0.74 -0.13	18.70 -0.90 -0.91	19.51 -0.64 1.84	19.55 -0.68 2.60	21.64 -0.45 2.93	23.53 -1.08 3.82	25.26 -1.31 4.54	26.48 -0.63 6.21	28.80 -1.28 7.62	29.10 -1.50 7.84	30.77 -1.25 7.13	29.29 -0.96 6.77	31.28 -1.12 5.07	29.61 -1.06 3.50	28.53 -0.82 2.36	26.64 -0.93 1.57	24.45 -0.61 1.49	20.10 -0.75 0.68	19.50 -1.08 -1.35
OLIN_CORP_DRP 24177	21.53 -0.41 -2.45	19.24 -0.57 -1.52	17.07 -0.45 -0.23	15.36 -0.43 -0.40	15.47 -0.42 -0.37	16.72 -0.53 -0.13	19.20 -0.71 -1.23	30.19 -0.50 -8.71	34.63 -0.55 -12.34	38.64 -0.30 -13.91	45.66 -0.91 -18.13	51.50 -1.15 -21.54	62.33 -0.43 -29.45	72.25 -1.06 -35.61	73.77 -1.31 -36.64	71.44 -1.06 -33.34	67.93 -0.78 -31.68	60.31 -0.86 -23.70	51.99 -0.72 -18.53	43.73 -0.47 -12.49	36.82 -0.64 -8.31	34.11 -0.35 -7.90	25.17 -0.56 -4.19	20.14 -0.85 -1.77

OLIN_CORP_DSASP 323712	20.54 -0.70 -1.75	18.55 -0.82 -1.09	16.81 -0.69 -0.22	15.14 -0.65 -0.39	15.27 -0.62 -0.36	16.51 -0.74 -0.13	18.70 -0.90 -0.91	19.51 -0.64 1.84	19.55 -0.68 2.60	21.64 -0.45 2.93	23.53 -1.08 3.82	25.26 -1.31 4.54	26.48 -0.63 6.21	28.80 -1.28 7.62	29.10 -1.50 7.84	30.77 -1.25 7.13	29.29 -0.96 6.77	31.28 -1.12 5.07	29.61 -1.06 3.50	28.53 -0.82 2.36	26.64 -0.93 1.57	24.45 -0.61 1.49	20.10 -0.75 0.68	19.50 -1.08 -1.35
ONEIDA_HERK_LFGE 323681	19.82 0.33 0.00	18.55 0.27 0.00	17.49 0.21 0.00	15.53 0.14 0.00	15.65 0.12 0.00	17.29 0.17 0.00	18.95 0.26 0.00	22.36 0.37 0.00	23.32 0.48 0.00	25.57 0.55 0.00	29.18 0.74 0.00	31.95 0.84 0.00	34.15 0.83 0.00	38.56 0.87 0.00	39.05 0.61 0.00	39.74 0.59 0.00	37.62 0.59 0.00	38.03 0.56 0.00	34.45 0.27 0.00	31.94 0.22 0.00	29.32 0.18 0.00	26.71 0.16 0.00	21.75 0.22 0.00	19.32 0.10 0.00
ONONDAGA_REF_OCCRA 23987	19.82 0.08 -0.25	18.49 0.04 -0.17	17.42 0.02 -0.12	15.65 0.00 -0.25	15.77 0.02 -0.23	17.22 0.02 -0.08	18.93 0.04 -0.21	22.14 0.15 0.00	23.04 0.21 0.00	25.30 0.28 0.00	28.75 0.31 0.00	31.39 0.28 0.00	33.75 0.43 0.00	38.15 0.45 0.00	38.90 0.46 0.00	39.66 0.51 0.00	37.55 0.52 0.00	37.96 0.49 0.00	34.55 0.38 0.00	32.06 0.35 0.00	29.47 0.32 0.00	26.87 0.32 0.00	21.79 0.19 -0.06	19.72 0.14 -0.36
ONONDAGA___COGEN 23986	19.79 0.06 -0.24	18.47 0.02 -0.17	17.40 0.00 -0.12	15.64 0.00 -0.25	15.75 0.00 -0.23	17.20 0.00 -0.08	18.91 0.02 -0.21	22.09 0.11 0.00	23.00 0.16 0.00	25.22 0.20 0.00	28.64 0.20 0.00	31.30 0.19 0.00	33.69 0.37 0.00	38.11 0.42 0.00	38.82 0.38 0.00	39.58 0.43 0.00	37.47 0.45 0.00	37.92 0.45 0.00	34.52 0.34 0.00	32.00 0.28 0.00	29.41 0.26 0.00	26.79 0.24 0.00	21.75 0.15 -0.06	19.68 0.10 -0.36
ONTARIO___LFGE 23819	20.08 0.18 -0.41	18.61 0.06 -0.28	17.53 0.07 -0.18	15.78 0.03 -0.36	15.94 0.08 -0.33	17.32 0.09 -0.12	19.14 0.13 -0.33	22.42 0.44 0.00	23.34 0.50 0.00	25.50 0.47 0.00	28.72 0.28 0.00	31.39 0.28 0.00	34.05 0.73 0.00	38.41 0.71 0.00	39.09 0.65 0.00	39.94 0.78 0.00	37.88 0.85 0.00	38.29 0.82 0.00	34.86 0.68 0.00	32.28 0.57 0.00	29.58 0.44 0.00	27.08 0.53 0.00	22.01 0.39 -0.08	19.91 0.14 -0.55
ORANGEVILLE_WT_PWR 323706	21.27 0.12 -1.67	19.27 -0.05 -1.05	17.55 0.02 -0.25	15.85 -0.02 -0.47	15.99 0.03 -0.43	17.27 0.00 -0.16	19.58 -0.02 -0.91	33.80 0.44 -11.38	39.38 0.43 -16.11	43.92 0.73 -18.17	52.44 0.31 -23.69	59.43 0.19 -28.14	72.71 0.93 -38.46	84.79 0.57 -46.53	86.77 0.46 -47.88	83.38 0.66 -43.56	79.27 0.85 -41.39	69.19 0.75 -30.97	56.23 0.68 -21.38	46.82 0.70 -14.41	39.20 0.46 -9.59	36.31 0.64 -9.12	26.63 0.26 -4.84	20.42 -0.17 -1.37
OSWEGATCHIE___HYD 24044	13.45 -1.91 4.13	13.52 -1.68 3.08	13.54 -1.61 2.13	13.62 -1.42 0.36	13.60 -1.48 0.45	13.55 -1.59 1.98	13.50 -1.72 3.46	19.15 -2.20 0.63	20.76 -2.08 0.00	22.67 -2.35 0.00	25.38 -2.79 0.27	28.25 -2.86 0.00	29.99 -3.33 0.00	32.48 -3.81 1.41	31.43 -3.88 3.12	32.94 -3.80 2.42	33.25 -3.78 0.00	33.80 -3.67 0.00	30.79 -3.38 0.00	28.51 -3.20 0.00	26.29 -2.86 0.00	23.39 -2.63 0.53	19.45 -2.09 0.00	15.43 -1.88 1.91
OSWEGO___5 23606	19.36 -0.31 -0.18	18.08 -0.33 -0.12	17.06 -0.31 -0.09	15.30 -0.28 -0.18	15.42 -0.28 -0.17	16.85 -0.33 -0.06	18.50 -0.34 -0.15	21.63 -0.35 0.00	22.49 -0.34 0.00	24.70 -0.33 0.00	28.04 -0.40 0.00	30.64 -0.47 0.00	32.92 -0.40 0.00	37.21 -0.49 0.00	37.90 -0.54 0.00	38.64 -0.51 0.00	36.59 -0.44 0.00	36.98 -0.49 0.00	33.69 -0.48 0.00	31.27 -0.44 0.00	28.74 -0.41 0.00	26.21 -0.35 0.00	21.28 -0.30 -0.04	19.22 -0.27 -0.26
OSWEGO___6 23613	19.36 -0.31 -0.18	18.08 -0.33 -0.12	17.06 -0.31 -0.09	15.30 -0.28 -0.18	15.42 -0.28 -0.17	16.85 -0.33 -0.06	18.50 -0.34 -0.15	21.63 -0.35 0.00	22.49 -0.34 0.00	24.70 -0.33 0.00	28.04 -0.40 0.00	30.64 -0.47 0.00	32.92 -0.40 0.00	37.21 -0.49 0.00	37.90 -0.54 0.00	38.64 -0.51 0.00	36.59 -0.44 0.00	36.98 -0.49 0.00	33.69 -0.48 0.00	31.27 -0.44 0.00	28.74 -0.41 0.00	26.21 -0.35 0.00	21.28 -0.30 -0.04	19.22 -0.27 -0.26
OUTOKUMPU-AB___DRP 24206	21.39 -0.04 -1.94	19.29 -0.20 -1.21	17.39 -0.12 -0.23	15.66 -0.14 -0.40	15.77 -0.12 -0.37	17.06 -0.19 -0.13	19.42 -0.26 -1.00	28.56 0.22 -6.36	31.98 0.14 -9.01	35.63 0.45 -10.16	41.62 -0.06 -13.24	46.65 -0.19 -15.73	55.45 0.63 -21.50	63.75 0.08 -25.97	65.08 -0.08 -26.72	63.63 0.16 -24.32	60.54 0.41 -23.10	55.06 0.30 -17.29	46.53 0.24 -12.11	40.26 0.38 -8.17	34.72 0.15 -5.43	32.09 0.37 -5.17	24.37 0.06 -2.77	20.29 -0.40 -1.47
OXBOW___ 24026	21.05 -0.29 -1.85	19.00 -0.44 -1.16	17.16 -0.35 -0.22	15.45 -0.34 -0.39	15.56 -0.33 -0.37	16.84 -0.41 -0.13	19.14 -0.50 -0.96	24.63 -0.11 -2.75	26.55 -0.18 -3.90	29.52 0.10 -4.40	33.75 -0.43 -5.73	37.30 -0.62 -6.81	42.80 0.17 -9.31	48.48 -0.41 -11.20	49.34 -0.62 -11.52	49.28 -0.35 -10.48	46.88 -0.11 -9.96	44.70 -0.22 -7.45	39.21 -0.24 -5.27	35.20 -0.06 -3.55	31.25 -0.26 -2.36	28.80 0.00 -2.25	22.54 -0.26 -1.26	19.98 -0.65 -1.41
OXY_CHEM_DSASP 323612	20.54 -0.70 -1.75	18.55 -0.82 -1.09	16.81 -0.69 -0.22	15.14 -0.65 -0.39	15.27 -0.62 -0.36	16.51 -0.74 -0.13	18.70 -0.90 -0.91	19.51 -0.64 1.84	19.55 -0.68 2.60	21.64 -0.45 2.93	23.53 -1.08 3.82	25.26 -1.31 4.54	26.48 -0.63 6.21	28.80 -1.28 7.62	29.10 -1.50 7.84	30.77 -1.25 7.13	29.29 -0.96 6.77	31.28 -1.12 5.07	29.61 -1.06 3.50	28.53 -0.82 2.36	26.64 -0.93 1.57	24.45 -0.61 1.49	20.10 -0.75 0.68	19.50 -1.08 -1.35
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.54 -0.70 -1.75	18.55 -0.82 -1.09	16.81 -0.69 -0.22	15.14 -0.65 -0.39	15.27 -0.62 -0.36	16.51 -0.74 -0.13	18.70 -0.90 -0.91	19.51 -0.64 1.84	19.55 -0.68 2.60	21.64 -0.45 2.93	23.53 -1.08 3.82	25.26 -1.31 4.54	26.48 -0.63 6.21	28.80 -1.28 7.62	29.10 -1.50 7.84	30.77 -1.25 7.13	29.29 -0.96 6.77	31.28 -1.12 5.07	29.61 -1.06 3.50	28.53 -0.82 2.36	26.64 -0.93 1.57	24.45 -0.61 1.49	20.10 -0.75 0.68	19.50 -1.08 -1.35
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.19 2.52 -8.19	28.08 2.30 -7.50	20.73 2.13 -1.32	19.95 1.88 -2.68	19.91 1.89 -2.50	20.27 2.09 -1.07	23.31 2.30 -2.33	25.26 2.79 -0.49	41.51 2.85 -15.82	43.02 3.08 -14.92	46.49 3.58 -14.47	47.24 3.83 -12.31	48.92 4.06 -11.54	51.25 4.56 -8.99	52.96 4.80 -9.72	61.21 4.85 -17.20	69.13 4.63 -27.48	63.50 4.72 -21.31	50.64 4.55 -11.92	47.24 4.15 -11.38	46.42 3.85 -13.43	45.79 3.64 -15.60	43.54 2.86 -19.14	40.51 2.58 -18.71
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.19 2.52 -8.19	28.08 2.30 -7.50	20.73 2.13 -1.32	19.95 1.88 -2.68	19.93 1.91 -2.50	20.27 2.09 -1.07	23.31 2.30 -2.33	25.26 2.79 -0.49	41.51 2.85 -15.82	43.04 3.10 -14.92	46.49 3.58 -14.47	47.24 3.83 -12.31	48.95 4.10 -11.54	51.29 4.60 -8.99	53.00 4.84 -9.72	61.25 4.89 -17.20	69.17 4.67 -27.48	63.54 4.76 -21.31	50.67 4.58 -11.92	47.28 4.19 -11.38	46.45 3.88 -13.43	45.79 3.64 -15.60	43.56 2.89 -19.14	40.53 2.59 -18.71

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.99 0.25 -2.25	19.74 0.06 -1.40	17.67 0.14 -0.25	15.92 0.09 -0.43	16.07 0.14 -0.40	17.38 0.12 -0.14	19.97 0.15 -1.13	37.72 0.75 -14.99	44.80 0.73 -21.23	50.06 1.10 -23.94	60.35 0.71 -31.20	68.86 0.68 -37.07	85.52 1.53 -50.67	100.33 1.17 -61.47	102.75 1.07 -63.25	98.03 1.33 -57.55	93.23 1.52 -54.68	79.77 1.39 -40.91	62.66 1.20 -27.29	51.28 1.17 -18.40	42.29 0.90 -12.24	39.20 1.01 -11.64	28.23 0.56 -6.14	20.92 0.02 -1.68
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.58 2.48 -2.61	22.36 2.28 -1.80	20.69 2.11 -1.30	19.90 1.86 -2.64	19.84 1.86 -2.45	20.05 2.05 -0.89	23.18 2.28 -2.22	24.71 2.73 0.00	25.64 2.81 0.00	28.15 3.13 0.00	32.08 3.64 0.00	35.12 4.01 0.00	37.79 4.47 0.00	42.82 5.13 0.00	49.93 5.38 -6.12	58.21 5.52 -13.54	63.78 5.26 -21.50	59.62 5.28 -16.86	48.10 4.89 -9.04	41.59 4.53 -5.35	40.61 4.14 -7.33	34.58 3.69 -4.34	29.71 2.95 -5.22	25.58 2.54 -3.82
PEEKSKILL____ 23653	24.19 2.18 -2.52	22.04 2.03 -1.73	20.41 1.88 -1.25	19.60 1.66 -2.54	19.58 1.69 -2.36	19.82 1.85 -0.85	22.84 2.02 -2.14	24.40 2.42 0.00	25.32 2.49 0.00	27.77 2.75 0.00	31.62 3.18 0.00	34.53 3.42 0.00	37.08 3.76 0.00	41.99 4.30 0.00	49.50 4.49 -6.58	58.20 4.50 -14.55	64.42 4.29 -23.10	59.90 4.31 -18.12	47.92 4.03 -9.71	41.26 3.80 -5.75	40.49 3.47 -7.88	34.40 3.19 -4.66	29.70 2.58 -5.58	25.15 2.25 -3.68
PGE MADISON____WINDPWR 24146	21.88 1.52 -0.86	20.20 1.33 -0.59	18.89 1.23 -0.38	17.20 1.05 -0.76	17.30 1.07 -0.71	18.69 1.32 -0.26	20.92 1.55 -0.69	25.07 2.07 -1.02	26.56 2.28 -1.44	29.17 2.53 -1.62	33.60 3.04 -2.12	36.96 3.33 -2.52	40.39 3.63 -3.44	45.79 3.92 -4.18	46.15 3.42 -4.30	46.63 3.56 -3.91	44.26 3.52 -3.72	43.66 3.41 -2.78	38.82 2.73 -1.91	35.41 2.41 -1.29	32.10 2.10 -0.86	29.25 1.89 -0.81	23.80 1.66 -0.60	21.60 1.21 -1.17
PIERCEFIELD____HYD 23852	13.68 -1.68 4.13	13.74 -1.46 3.08	13.75 -1.40 2.13	13.80 -1.23 0.36	13.78 -1.29 0.45	13.75 -1.39 1.98	13.73 -1.50 3.46	19.48 -1.87 0.63	21.08 -1.76 0.00	23.05 -2.39 0.27	25.78 -2.39 0.00	28.71 -2.83 0.00	30.49 -2.83 0.00	33.05 -3.24 1.41	31.97 -3.34 3.12	33.49 -3.25 2.42	33.77 -3.26 0.00	34.32 -3.15 0.00	31.23 -2.94 0.00	28.95 -2.76 0.00	26.67 -2.48 0.00	23.69 -2.34 0.53	19.71 -1.83 0.00	15.64 -1.67 1.91
PINELAWN_CC_I 323563	32.13 3.10 -9.54	29.23 2.85 -8.10	27.78 2.66 -7.84	22.64 2.34 -4.91	22.63 2.38 -4.73	23.59 2.60 -3.87	26.25 2.88 -4.69	30.95 3.41 -5.56	39.32 3.52 -12.97	39.65 3.63 -11.00	42.53 3.98 -10.11	47.52 4.39 -12.02	55.55 4.73 -17.50	67.92 5.20 -25.02	91.62 5.50 -47.69	91.29 5.52 -46.61	118.37 5.22 -76.12	99.17 5.28 -56.42	76.15 4.92 -37.05	58.02 4.60 -21.71	50.91 4.37 -17.39	48.78 3.96 -18.26	42.27 3.32 -17.42	40.04 2.88 -17.94
PJM_GEN_HTP_PROXY 323702	30.02 2.53 -8.00	27.93 2.34 -7.31	26.44 2.20 -6.96	23.16 1.94 -5.83	23.35 1.97 -5.85	24.31 2.16 -5.04	27.81 2.35 -6.77	39.62 2.81 -14.82	41.04 2.92 -15.28	42.69 3.25 -14.42	45.72 3.72 -13.56	46.66 4.01 -11.53	48.49 4.36 -10.81	51.10 4.98 -8.43	53.20 5.23 -9.54	61.46 5.25 -17.06	69.26 5.00 -27.23	63.63 5.02 -21.13	50.61 4.65 -11.79	47.12 4.38 -11.03	46.24 3.99 -13.10	45.13 3.67 -14.91	42.77 2.95 -18.28	40.02 2.59 -18.21
PJM_GEN_KEystone 24065	22.00 0.64 -1.86	20.19 0.51 -1.40	18.88 0.55 -1.04	17.37 0.46 -1.51	17.49 0.53 -1.44	18.41 0.56 -0.73	20.74 0.56 -1.49	25.78 0.88 -2.92	27.42 0.87 -3.72	30.09 1.08 -3.99	34.22 0.97 -4.82	37.50 1.00 -5.39	41.80 1.46 -7.01	47.41 1.43 -8.29	50.37 1.42 -10.52	53.03 1.53 -12.35	53.37 1.63 -14.71	50.55 1.54 -11.54	42.83 1.54 -7.12	37.89 1.39 -4.79	35.16 1.22 -4.79	31.68 1.22 -3.90	26.22 0.88 -3.80	22.85 0.61 -3.02
PJM_GEN_NEPTUNE_PROXY 323594	25.94 2.71 -3.74	23.80 2.52 -3.00	21.56 2.37 -1.91	20.77 2.09 -3.28	20.76 2.13 -3.11	21.78 2.33 -2.34	24.56 2.54 -3.33	29.21 2.92 -4.30	38.23 3.01 -12.38	38.51 3.30 -10.18	40.08 3.70 -7.95	44.77 4.01 -9.65	53.55 4.33 -15.90	66.89 4.90 -24.29	91.27 5.15 -47.69	90.93 5.17 -46.61	118.08 4.93 -76.12	98.84 4.95 -56.42	75.87 4.65 -37.05	55.98 4.34 -19.93	48.47 3.99 -15.33	43.20 3.64 -13.01	38.27 3.06 -13.68	36.62 2.69 -14.70
PJM_GEN_VFT_PROXY 323633	30.18 2.50 -8.19	28.11 2.32 -7.51	26.64 2.20 -7.17	23.28 1.94 -5.95	23.47 1.97 -5.97	24.44 2.14 -5.18	27.95 2.29 -6.93	40.08 2.75 -15.35	41.47 2.81 -15.83	43.08 3.13 -14.93	46.06 3.58 -14.04	46.94 3.89 -11.94	48.74 4.23 -11.19	51.21 4.79 -8.73	53.07 4.99 -9.64	56.48 4.97 -12.35	56.82 4.74 -15.05	57.57 4.76 -15.34	50.58 4.55 -11.86	47.18 4.25 -11.22	46.33 3.91 -13.27	45.38 3.56 -15.27	43.17 2.91 -18.73	40.48 2.54 -18.72
PLEASANTVLY____LBMP 24000	24.20 2.06 -2.64	22.00 1.90 -1.82	20.37 1.78 -1.31	19.65 1.59 -2.67	19.60 1.60 -2.48	19.76 1.75 -0.89	22.85 1.93 -2.24	24.27 2.29 0.00	25.17 2.33 0.00	27.60 2.58 0.00	31.39 2.96 0.00	34.31 3.20 0.00	36.79 3.47 0.00	41.65 3.96 0.00	50.46 4.15 -7.88	60.73 4.15 -17.43	68.66 3.96 -27.67	63.15 3.97 -21.70	49.53 3.73 -11.63	42.12 3.52 -6.88	41.79 3.21 -9.43	35.06 2.92 -5.58	30.48 2.39 -6.55	25.18 2.10 -3.86
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.37 2.32 -2.56	22.20 2.16 -1.76	20.56 2.00 -1.27	19.75 1.77 -2.59	19.73 1.80 -2.40	19.95 1.97 -0.87	23.03 2.17 -2.17	24.55 2.57 0.00	25.48 2.65 0.00	27.97 2.95 0.00	31.82 3.38 0.00	34.81 3.70 0.00	37.32 4.00 0.00	42.29 4.60 0.00	50.05 4.84 -6.78	59.00 4.85 -14.99	65.46 4.63 -23.81	60.79 4.65 -18.67	48.52 4.34 -10.01	41.73 4.09 -5.92	40.99 3.73 -8.12	34.73 3.37 -4.80	30.00 2.71 -5.75	25.35 2.38 -3.74
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.40 2.20 -2.71	22.19 2.05 -1.86	20.53 1.90 -1.34	19.81 1.68 -2.73	19.76 1.69 -2.54	19.88 1.85 -0.92	23.06 2.07 -2.30	24.44 2.46 0.00	25.37 2.53 0.00	27.85 2.83 0.00	31.71 3.27 0.00	34.72 3.61 0.00	37.28 3.96 0.00	42.26 4.56 0.00	48.43 4.84 -5.16	55.42 4.85 -11.41	59.78 4.63 -18.12	56.37 4.68 -14.21	46.10 4.31 -7.62	40.25 4.03 -4.51	38.97 3.64 -6.18	33.50 3.29 -3.66	28.56 2.61 -4.42	25.45 2.27 -3.96
POLETTI____ 23519	30.22 2.53 -8.19	28.15 2.36 -7.51	26.66 2.21 -7.17	23.30 1.96 -5.94	23.49 1.99 -5.97	24.47 2.17 -5.18	27.99 2.37 -6.93	40.12 2.79 -15.35	41.56 2.90 -15.83	43.15 3.20 -14.93	46.15 3.67 -14.04	47.03 3.98 -11.94	48.84 4.33 -11.19	51.36 4.94 -8.73	53.23 5.15 -9.64	61.46 5.17 -17.14	69.31 4.93 -27.36	63.64 4.95 -21.22	50.68 4.65 -11.86	47.31 4.38 -11.22	46.41 3.99 -13.27	45.46 3.64 -15.27	43.22 2.95 -18.73	40.52 2.58 -18.72
PORT_JEFF_3 23555	28.28 3.04 -5.75	25.81 2.76 -4.77	23.82 2.58 -3.97	21.52 2.28 -3.85	21.51 2.31 -3.67	22.52 2.53 -2.87	25.23 2.75 -3.80	30.04 3.32 -4.74	38.87 3.45 -12.59	39.34 3.85 -10.46	41.20 4.07 -8.70	46.09 4.51 -10.47	54.54 4.76 -16.46	67.52 5.28 -24.55	91.58 5.46 -47.69	91.21 5.44 -46.61	118.34 5.18 -76.12	99.14 5.25 -56.42	76.11 4.89 -37.05	57.05 4.79 -20.55	49.65 4.46 -16.05	45.53 4.14 -14.83	40.13 3.62 -14.97	38.16 3.11 -15.82

PORT_JEFF_4 23616	28.28 3.04 -5.75	25.81 2.76 -4.77	23.82 2.58 -3.97	21.52 2.28 -3.85	21.51 2.31 -3.67	22.52 2.53 -2.87	25.23 2.75 -3.80	30.04 3.32 -4.74	38.87 3.45 -12.59	39.34 3.85 -10.46	41.20 4.07 -8.70	46.09 4.51 -10.47	54.54 4.76 -16.46	67.52 5.28 -24.55	91.58 5.46 -47.69	91.21 5.44 -46.61	118.34 5.18 -76.12	99.14 5.25 -56.42	76.11 4.89 -37.05	57.05 4.79 -20.55	49.65 4.46 -16.05	45.53 4.14 -14.83	40.13 3.62 -14.97	38.16 3.11 -15.82
PORT_JEFF_IC 23713	28.42 3.08 -5.86	25.94 2.80 -4.86	23.97 2.61 -4.07	21.58 2.31 -3.87	21.57 2.34 -3.70	22.58 2.57 -2.90	25.29 2.78 -3.82	30.13 3.38 -4.76	38.95 3.52 -12.60	39.43 3.93 -10.48	41.36 4.18 -8.74	46.29 4.67 -10.51	54.64 4.83 -16.49	67.65 5.39 -24.56	91.69 5.57 -47.69	91.36 5.60 -46.61	118.49 5.33 -76.12	99.29 5.40 -56.42	76.25 5.03 -37.05	57.14 4.85 -20.58	49.72 4.49 -16.08	45.76 4.28 -14.93	40.26 3.68 -15.04	38.28 3.17 -15.88
PPL PILGRIM_ST_GT1 24216	28.90 3.14 -6.27	26.37 2.87 -5.22	24.46 2.68 -4.50	21.76 2.37 -3.99	21.75 2.41 -3.82	22.74 2.62 -3.01	25.50 2.90 -3.92	30.31 3.47 -4.85	39.06 3.59 -12.64	39.54 3.98 -10.54	41.68 4.35 -8.89	46.37 4.57 -10.68	54.75 4.83 -16.60	67.77 5.46 -24.61	91.85 5.73 -47.69	91.52 5.76 -46.61	118.63 5.48 -76.12	99.43 5.54 -56.42	76.38 5.16 -37.05	57.27 4.85 -20.71	49.95 4.58 -16.23	46.02 4.17 -15.30	40.55 3.71 -15.31	38.53 3.19 -16.11
PPL PILGRIM_ST_GT2 24217	28.90 3.14 -6.27	26.37 2.87 -5.22	24.46 2.68 -4.50	21.76 2.37 -3.99	21.75 2.41 -3.82	22.74 2.62 -3.01	25.50 2.90 -3.92	30.31 3.47 -4.85	39.06 3.59 -12.64	39.54 3.98 -10.54	41.68 4.35 -8.89	46.37 4.57 -10.68	54.75 4.83 -16.60	67.77 5.46 -24.61	91.85 5.73 -47.69	91.52 5.76 -46.61	118.63 5.48 -76.12	99.43 5.54 -56.42	76.38 5.16 -37.05	57.27 4.85 -20.71	49.95 4.58 -16.23	46.02 4.17 -15.30	40.55 3.71 -15.31	38.53 3.19 -16.11
PPL_SHRM_GT3 24213	28.30 3.02 -5.79	25.81 2.72 -4.81	23.83 2.54 -4.01	21.48 2.23 -3.86	21.48 2.27 -3.68	22.46 2.47 -2.88	25.20 2.71 -3.81	30.07 3.34 -4.75	38.92 3.49 -12.59	39.42 3.93 -10.47	41.47 4.32 -8.71	46.45 4.85 -10.49	55.09 5.30 -16.47	68.20 5.95 -24.55	92.39 6.27 -47.69	92.03 6.26 -46.61	119.11 5.96 -76.12	99.96 6.07 -56.42	76.86 5.64 -37.05	57.60 5.33 -20.56	50.10 4.90 -16.06	45.91 4.49 -14.87	40.29 3.75 -15.00	38.20 3.13 -15.85
PPL_SHRM_GT4 24214	28.30 3.02 -5.79	25.81 2.72 -4.81	23.83 2.54 -4.01	21.48 2.23 -3.86	21.48 2.27 -3.68	22.46 2.47 -2.88	25.20 2.71 -3.81	30.07 3.34 -4.75	38.92 3.49 -12.59	39.42 3.93 -10.47	41.47 4.32 -8.71	46.45 4.85 -10.49	55.09 5.30 -16.47	68.20 5.95 -24.55	92.39 6.27 -47.69	92.03 6.26 -46.61	119.11 5.96 -76.12	99.96 6.07 -56.42	76.86 5.64 -37.05	57.60 5.33 -20.56	50.10 4.90 -16.06	45.91 4.49 -14.87	40.29 3.75 -15.00	38.20 3.13 -15.85
PROJECT___ORANGE 1 24174	19.70 0.00 -0.21	18.37 -0.05 -0.14	17.33 -0.05 -0.10	15.56 -0.05 -0.21	15.67 -0.05 -0.20	17.14 -0.05 -0.07	18.83 -0.04 -0.18	22.05 0.07 0.00	22.95 0.11 0.00	25.20 0.18 0.00	28.64 0.20 0.00	31.23 0.12 0.00	33.59 0.27 0.00	37.96 0.27 0.00	38.71 0.27 0.00	39.47 0.31 0.00	37.32 0.29 0.00	37.77 0.30 0.00	34.35 0.17 0.00	31.90 0.19 0.00	29.35 0.21 0.00	26.74 0.19 0.00	21.70 0.11 -0.05	19.57 0.04 -0.30
PROJECT___ORANGE 2 24166	19.70 0.00 -0.21	18.37 -0.05 -0.14	17.33 -0.05 -0.10	15.56 -0.05 -0.21	15.67 -0.05 -0.20	17.14 -0.05 -0.07	18.83 -0.04 -0.18	22.05 0.07 0.00	22.95 0.11 0.00	25.20 0.18 0.00	28.64 0.20 0.00	31.23 0.12 0.00	33.59 0.27 0.00	37.96 0.27 0.00	38.71 0.27 0.00	39.47 0.31 0.00	37.32 0.29 0.00	37.77 0.30 0.00	34.35 0.17 0.00	31.90 0.19 0.00	29.35 0.21 0.00	26.74 0.19 0.00	21.70 0.11 -0.05	19.57 0.04 -0.30
PYRITES___HYD 24023	13.98 -1.38 4.13	13.99 -1.21 3.08	13.97 -1.18 2.13	14.00 -1.03 0.36	13.99 -1.09 0.45	13.98 -1.16 1.98	13.99 -1.23 3.46	19.81 -1.54 0.63	21.44 -1.39 0.00	23.45 -1.58 0.00	26.29 -1.88 0.27	29.24 -1.87 0.00	31.05 -2.27 0.00	33.65 -2.64 1.41	32.51 -2.80 3.12	34.07 -2.66 2.42	34.33 -2.70 0.00	34.89 -2.59 0.00	31.71 -2.46 0.00	29.37 -2.35 0.00	27.05 -2.10 0.00	24.00 -2.02 0.53	19.99 -1.55 0.00	15.88 -1.44 1.91
RAMAPO___LBMP 323565	23.98 2.05 -2.45	21.86 1.90 -1.68	20.26 1.76 -1.21	19.42 1.55 -2.47	19.40 1.58 -2.30	19.67 1.73 -0.83	22.67 1.91 -2.08	24.25 2.26 0.00	25.17 2.33 0.00	27.62 2.60 0.00	31.42 2.99 0.00	34.31 3.20 0.00	36.82 3.50 0.00	41.69 3.99 0.00	48.64 4.19 -6.01	56.65 4.19 -13.31	62.12 3.96 -21.13	58.06 4.01 -16.58	46.82 3.76 -8.89	40.49 3.52 -5.26	39.59 3.23 -7.20	33.79 2.97 -4.26	29.13 2.43 -5.16	24.93 2.13 -3.58
RANKINE____ 23646	21.98 0.08 -2.41	19.67 -0.11 -1.50	17.49 -0.03 -0.25	15.76 -0.06 -0.42	15.89 -0.03 -0.39	17.19 -0.07 -0.14	19.78 -0.11 -1.21	39.50 0.46 -17.06	47.46 0.46 -24.17	53.08 0.80 -27.25	64.30 0.34 -35.52	73.58 0.28 -42.19	92.09 1.10 -57.67	108.20 0.68 -69.82	110.81 0.54 -71.84	105.30 0.78 -65.37	100.14 1.00 -62.11	84.81 0.86 -46.47	66.79 0.75 -31.86	53.98 0.79 -21.48	43.98 0.55 -14.29	40.86 0.72 -13.58	28.98 0.30 -7.14	20.77 -0.21 -1.76
RAVENSWOOD_GT2_1 24244	30.41 2.55 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.39 1.94 -6.05	23.58 1.97 -6.09	24.59 2.16 -5.32	28.12 2.35 -7.08	40.65 2.84 -15.83	42.08 2.92 -16.32	43.65 3.23 -15.40	46.61 3.70 -14.48	47.44 4.01 -12.32	49.19 4.33 -11.54	51.63 4.94 -9.00	53.35 5.19 -9.73	61.57 5.21 -17.21	69.43 4.93 -27.48	63.76 4.98 -21.31	50.74 4.65 -11.92	47.48 4.38 -11.39	46.58 3.99 -13.44	45.82 3.67 -15.60	43.65 2.97 -19.14	41.03 2.61 -19.19
RAVENSWOOD_GT2_2 24245	30.41 2.55 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.39 1.94 -6.05	23.58 1.97 -6.09	24.59 2.16 -5.32	28.12 2.35 -7.08	40.65 2.84 -15.83	42.08 2.92 -16.32	43.65 3.23 -15.40	46.61 3.70 -14.48	47.44 4.01 -12.32	49.19 4.33 -11.54	51.63 4.94 -9.00	53.35 5.19 -9.73	61.57 5.21 -17.21	69.43 4.93 -27.48	63.76 4.98 -21.31	50.74 4.65 -11.92	47.48 4.38 -11.39	46.58 3.99 -13.44	45.82 3.67 -15.60	43.65 2.97 -19.14	41.03 2.61 -19.19
RAVENSWOOD_GT2_3 24246	30.43 2.57 -8.37	28.34 2.38 -7.69	26.85 2.21 -7.35	23.40 1.96 -6.05	23.58 1.97 -6.09	24.61 2.17 -5.32	28.14 2.37 -7.08	40.67 2.86 -15.83	42.11 2.95 -16.32	43.67 3.25 -15.40	46.64 3.72 -14.48	47.47 4.04 -12.32	49.26 4.40 -11.54	51.71 5.01 -9.00	53.39 5.23 -9.73	61.61 5.25 -17.21	69.50 5.00 -27.48	63.80 5.02 -21.31	50.77 4.68 -11.92	47.50 4.41 -11.39	46.63 4.05 -13.44	45.84 3.69 -15.60	43.67 2.99 -19.14	41.05 2.63 -19.19
RAVENSWOOD_GT2_4 24247	30.43 2.57 -8.37	28.34 2.38 -7.69	26.85 2.21 -7.35	23.40 1.96 -6.05	23.58 1.97 -6.09	24.61 2.17 -5.32	28.14 2.37 -7.08	40.67 2.86 -15.83	42.11 2.95 -16.32	43.67 3.25 -15.40	46.64 3.72 -14.48	47.47 4.04 -12.32	49.26 4.40 -11.54	51.71 5.01 -9.00	53.39 5.23 -9.73	61.61 5.25 -17.21	69.50 5.00 -27.48	63.80 5.02 -21.31	50.77 4.68 -11.92	47.50 4.41 -11.39	46.63 4.05 -13.44	45.84 3.69 -15.60	43.67 2.99 -19.14	41.05 2.63 -19.19

RAVENSWOOD_GT3_1 24248	30.41 2.55 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.39 1.94 -6.05	23.58 1.97 -6.09	24.59 2.16 -5.32	28.12 2.35 -7.08	40.65 2.84 -15.83	42.08 2.92 -16.32	43.65 3.23 -15.40	46.61 3.70 -14.48	47.44 4.01 -12.32	49.23 4.36 -11.54	51.63 4.94 -9.00	53.35 5.19 -9.73	61.57 5.21 -17.21	69.47 4.96 -27.48	63.76 4.98 -21.31	50.74 4.65 -11.92	47.48 4.38 -11.39	46.58 3.99 -13.44	45.82 3.67 -15.60	43.65 2.97 -19.14	41.03 2.61 -19.19
RAVENSWOOD_GT3_2 24249	30.41 2.55 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.39 1.94 -6.05	23.58 1.97 -6.09	24.59 2.16 -5.32	28.12 2.35 -7.08	40.65 2.84 -15.83	42.08 2.92 -16.32	43.65 3.23 -15.40	46.61 3.70 -14.48	47.44 4.01 -12.32	49.23 4.36 -11.54	51.63 4.94 -9.00	53.35 5.19 -9.73	61.57 5.21 -17.21	69.47 4.96 -27.48	63.76 4.98 -21.31	50.74 4.65 -11.92	47.48 4.38 -11.39	46.58 3.99 -13.44	45.82 3.67 -15.60	43.65 2.97 -19.14	41.03 2.61 -19.19
RAVENSWOOD_GT3_3 24250	30.43 2.57 -8.37	28.34 2.38 -7.69	26.87 2.23 -7.35	23.42 1.97 -6.05	23.60 1.99 -6.09	24.61 2.17 -5.32	28.16 2.39 -7.08	40.67 2.86 -15.83	42.13 2.97 -16.32	43.70 3.28 -15.40	46.67 3.75 -14.48	47.50 4.07 -12.32	49.30 4.43 -11.54	51.75 5.05 -9.00	53.43 5.27 -9.73	61.65 5.28 -17.21	69.54 5.04 -27.48	63.84 5.06 -21.31	50.81 4.72 -11.92	47.54 4.44 -11.39	46.66 4.08 -13.44	45.87 3.72 -15.60	43.69 3.02 -19.14	41.05 2.63 -19.19
RAVENSWOOD_GT3_4 24251	30.43 2.57 -8.37	28.34 2.38 -7.69	26.87 2.23 -7.35	23.42 1.97 -6.05	23.60 1.99 -6.09	24.61 2.17 -5.32	28.16 2.39 -7.08	40.67 2.86 -15.83	42.13 2.97 -16.32	43.70 3.28 -15.40	46.67 3.75 -14.48	47.50 4.07 -12.32	49.30 4.43 -11.54	51.75 5.05 -9.00	53.43 5.27 -9.73	61.65 5.28 -17.21	69.54 5.04 -27.48	63.84 5.06 -21.31	50.81 4.72 -11.92	47.54 4.44 -11.39	46.66 4.08 -13.44	45.87 3.72 -15.60	43.69 3.02 -19.14	41.05 2.63 -19.19
RAVENSWOOD_GT_1 23729	30.49 2.63 -8.37	28.36 2.39 -7.69	26.87 2.23 -7.35	23.32 1.96 -5.97	23.51 1.99 -6.00	24.61 2.17 -5.32	28.18 2.41 -7.08	40.74 2.92 -15.83	42.15 2.99 -16.32	45.20 3.28 -16.90	47.58 3.75 -15.39	48.59 4.04 -13.44	49.92 4.30 -12.30	57.63 4.86 -15.07	67.28 5.11 -23.74	68.28 5.13 -24.00	71.79 4.85 -29.91	67.29 4.91 -24.91	53.00 4.58 -14.25	54.41 4.38 -18.32	59.66 4.02 -26.49	47.61 3.72 -17.33	52.97 2.99 -28.44	43.14 2.69 -21.23
RAVENSWOOD_GT_10 24258	30.41 2.55 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.38 1.94 -6.04	23.57 1.97 -6.08	24.59 2.16 -5.32	28.12 2.35 -7.08	40.63 2.81 -15.83	42.08 2.92 -16.32	43.82 3.23 -15.57	46.72 3.70 -14.59	47.57 4.01 -12.45	49.31 4.36 -11.63	52.37 4.98 -9.70	54.97 5.19 -11.35	62.36 5.21 -18.00	69.75 4.96 -27.76	64.18 4.98 -21.72	51.15 4.65 -12.33	48.27 4.38 -12.19	48.11 4.02 -14.94	46.02 3.67 -15.80	44.72 2.97 -20.21	41.24 2.59 -19.43
RAVENSWOOD_GT_11 24259	30.41 2.55 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.38 1.94 -6.04	23.57 1.97 -6.08	24.59 2.16 -5.32	28.12 2.35 -7.08	40.63 2.81 -15.83	42.08 2.92 -16.32	43.82 3.23 -15.57	46.72 3.70 -14.59	47.57 4.01 -12.45	49.31 4.36 -11.63	52.37 4.98 -9.70	54.97 5.19 -11.35	62.36 5.21 -18.00	69.75 4.96 -27.76	64.18 4.98 -21.72	51.15 4.65 -12.33	48.27 4.38 -12.19	48.11 4.02 -14.94	46.02 3.67 -15.80	44.72 2.97 -20.21	41.24 2.59 -19.43
RAVENSWOOD_GT_4 24252	30.39 2.53 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.33 1.94 -5.99	23.52 1.97 -6.02	24.59 2.16 -5.32	28.14 2.37 -7.08	40.63 2.81 -15.83	42.06 2.90 -16.32	44.79 3.23 -16.54	47.33 3.72 -15.17	48.30 4.01 -13.17	49.84 4.40 -12.12	56.33 5.01 -13.62	64.06 5.23 -20.40	66.78 5.25 -22.38	71.36 5.00 -29.33	66.54 5.02 -24.05	52.55 4.68 -13.69	52.78 4.41 -16.66	56.54 4.02 -23.37	47.14 3.67 -16.92	50.73 2.97 -26.22	42.56 2.59 -20.74
RAVENSWOOD_GT_5 24254	30.39 2.53 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.33 1.94 -5.99	23.52 1.97 -6.02	24.59 2.16 -5.32	28.14 2.37 -7.08	40.63 2.81 -15.83	42.06 2.90 -16.32	44.79 3.23 -16.54	47.33 3.72 -15.17	48.30 4.01 -13.17	49.84 4.40 -12.12	56.33 5.01 -13.62	64.06 5.23 -20.40	66.78 5.25 -22.38	71.36 5.00 -29.33	66.54 5.02 -24.05	52.55 4.68 -13.69	52.78 4.41 -16.66	56.54 4.02 -23.37	47.14 3.67 -16.92	50.73 2.97 -26.22	42.56 2.59 -20.74
RAVENSWOOD_GT_6 24253	30.39 2.53 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.33 1.94 -5.99	23.52 1.97 -6.02	24.59 2.16 -5.32	28.14 2.37 -7.08	40.63 2.81 -15.83	42.06 2.90 -16.32	44.79 3.23 -16.54	47.33 3.72 -15.17	48.30 4.01 -13.17	49.84 4.40 -12.12	56.33 5.01 -13.62	64.06 5.23 -20.40	66.78 5.25 -22.38	71.36 5.00 -29.33	66.54 5.02 -24.05	52.55 4.68 -13.69	52.78 4.41 -16.66	56.54 4.02 -23.37	47.14 3.67 -16.92	50.73 2.97 -26.22	42.56 2.59 -20.74
RAVENSWOOD_GT_7 24255	30.39 2.53 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.33 1.94 -5.99	23.52 1.97 -6.02	24.59 2.16 -5.32	28.14 2.37 -7.08	40.63 2.81 -15.83	42.06 2.90 -16.32	44.79 3.23 -16.54	47.33 3.72 -15.17	48.30 4.01 -13.17	49.84 4.40 -12.12	56.33 5.01 -13.62	64.06 5.23 -20.40	66.78 5.25 -22.38	71.36 5.00 -29.33	66.54 5.02 -24.05	52.55 4.68 -13.69	52.78 4.41 -16.66	56.54 4.02 -23.37	47.14 3.67 -16.92	50.73 2.97 -26.22	42.56 2.59 -20.74
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.41 2.55 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.38 1.94 -6.04	23.57 1.97 -6.08	24.59 2.16 -5.32	28.12 2.35 -7.08	40.63 2.81 -15.83	42.08 2.92 -16.32	43.82 3.23 -15.57	46.72 3.70 -14.59	47.57 4.01 -12.45	49.31 4.36 -11.63	52.37 4.98 -9.70	54.97 5.19 -11.35	62.36 5.21 -18.00	69.75 4.96 -27.76	64.18 4.98 -21.72	51.15 4.65 -12.33	48.27 4.38 -12.19	48.11 4.02 -14.94	46.02 3.67 -15.80	44.72 2.97 -20.21	41.24 2.59 -19.43
RAVENSWOOD_GT_9 24257	30.41 2.55 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.38 1.94 -6.04	23.57 1.97 -6.08	24.59 2.16 -5.32	28.12 2.35 -7.08	40.63 2.81 -15.83	42.08 2.92 -16.32	43.82 3.23 -15.57	46.72 3.70 -14.59	47.57 4.01 -12.45	49.31 4.36 -11.63	52.37 4.98 -9.70	54.97 5.19 -11.35	62.36 5.21 -18.00	69.75 4.96 -27.76	64.18 4.98 -21.72	51.15 4.65 -12.33	48.27 4.38 -12.19	48.11 4.02 -14.94	46.02 3.67 -15.80	44.72 2.97 -20.21	41.24 2.59 -19.43
RAVENSWOOD___1 23533	30.47 2.61 -8.37	28.34 2.38 -7.69	26.85 2.21 -7.35	23.30 1.96 -5.95	23.48 1.97 -5.98	24.61 2.17 -5.32	28.16 2.39 -7.08	40.71 2.90 -15.83	42.13 2.97 -16.32	43.65 3.23 -15.40	46.63 3.72 -14.47	47.41 3.98 -12.32	49.13 4.27 -11.54	51.52 4.83 -9.00	53.24 5.07 -9.73	61.45 5.09 -17.21	69.32 4.81 -27.48	63.65 4.87 -21.31	50.64 4.55 -11.92	47.44 4.34 -11.39	46.58 3.99 -13.44	45.84 3.69 -15.60	43.67 2.99 -19.14	41.09 2.67 -19.19
RAVENSWOOD___2 23534	30.41 2.55 -8.37	28.31 2.34 -7.69	26.81 2.18 -7.35	23.26 1.91 -5.95	23.45 1.94 -5.98	24.56 2.12 -5.32	28.10 2.34 -7.08	40.65 2.84 -15.83	42.08 2.92 -16.32	43.50 3.08 -15.40	46.43 3.53 -14.47	47.19 3.76 -12.32	48.83 3.96 -11.54	51.14 4.45 -9.00	52.85 4.69 -9.73	61.06 4.70 -17.21	68.95 4.44 -27.48	63.27 4.49 -21.31	50.29 4.20 -11.92	47.19 4.09 -11.39	46.40 3.82 -13.44	45.68 3.53 -15.60	43.56 2.89 -19.14	41.05 2.63 -19.19



RAVENSWOOD___3 23535	30.41 2.55 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.39 1.94 -6.05	23.58 1.97 -6.09	24.59 2.16 -5.32	28.14 2.37 -7.08	40.65 2.84 -15.83	42.08 2.92 -16.32	43.65 3.23 -15.40	46.61 3.70 -14.48	47.44 4.01 -12.32	49.23 4.36 -11.54	51.63 4.94 -9.00	53.35 5.19 -9.73	61.57 5.21 -17.21	69.47 4.96 -27.48	63.76 4.98 -21.31	50.74 4.65 -11.92	47.48 4.38 -11.39	46.58 3.99 -13.44	45.82 3.67 -15.60	43.65 2.97 -19.14	41.03 2.61 -19.19
RAVENSWOOD___4 23820	30.45 2.59 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.27 1.94 -5.93	23.46 1.97 -5.96	24.59 2.16 -5.32	28.14 2.37 -7.08	40.69 2.88 -15.83	42.11 2.95 -16.32	42.15 3.20 -13.92	45.70 3.70 -13.57	46.28 3.95 -11.21	48.35 4.23 -10.80	45.51 4.79 -3.02	39.41 5.03 4.06	54.73 5.05 -10.53	66.89 4.78 -25.08	60.07 4.84 -17.76	48.31 4.51 -9.63	40.58 4.31 -4.56	33.73 3.99 -0.59	44.11 3.67 -13.89	34.49 2.97 -9.98	39.07 2.65 -17.19
RCPL_TRUST___DRP 24196	30.04 2.55 -8.00	27.95 2.36 -7.31	26.46 2.21 -6.96	23.18 1.96 -5.83	23.36 1.99 -5.85	24.33 2.17 -5.04	27.85 2.39 -6.77	39.66 2.86 -14.82	41.07 2.95 -15.28	42.72 3.28 -14.42	45.75 3.75 -13.56	46.72 4.07 -11.53	48.56 4.43 -10.81	51.18 5.05 -8.43	53.28 5.31 -9.54	61.54 5.32 -17.06	69.33 5.07 -27.23	63.70 5.10 -21.13	50.68 4.72 -11.79	47.19 4.44 -11.03	46.29 4.05 -13.10	45.15 3.69 -14.91	42.81 2.99 -18.28	40.04 2.61 -18.21
RENSSELAER___COGEN 23796	23.73 1.01 -3.23	21.44 0.93 -2.22	19.77 0.88 -1.60	19.44 0.78 -3.26	19.35 0.79 -3.03	19.08 0.87 -1.10	22.40 0.97 -2.74	23.08 1.10 0.00	23.82 0.98 0.00	25.97 0.95 0.00	29.60 1.17 0.00	32.42 1.31 0.00	34.65 1.33 0.00	39.24 1.55 0.00	40.50 1.69 -0.38	41.63 1.64 -0.84	39.92 1.55 -1.34	40.06 1.54 -1.05	36.17 1.44 -0.56	33.38 1.33 -0.33	30.83 1.22 -0.46	27.91 1.09 -0.27	22.60 0.90 -0.16	24.79 0.84 -4.73
REVERE_CPPR_DRP 24186	20.13 0.58 -0.06	18.81 0.49 -0.04	17.73 0.41 -0.03	15.78 0.32 -0.06	15.89 0.31 -0.06	17.51 0.38 -0.02	19.20 0.47 -0.05	22.64 0.66 0.00	23.61 0.78 0.00	25.90 0.88 0.00	29.58 1.14 0.00	32.36 1.25 0.00	34.65 1.33 0.00	39.13 1.43 0.00	39.59 1.15 0.00	40.33 1.17 0.00	38.21 1.18 0.00	38.59 1.12 0.00	34.96 0.79 0.00	32.41 0.70 0.00	29.76 0.61 0.00	27.11 0.56 0.00	22.05 0.52 0.00	19.65 0.35 -0.09
RIVERBAY___ 323610	30.19 2.52 -8.19	28.08 2.30 -7.50	20.73 2.13 -1.32	19.95 1.88 -2.68	19.93 1.91 -2.50	20.27 2.09 -1.07	23.31 2.30 -2.33	25.26 2.79 -0.49	41.51 2.85 -15.82	43.04 3.10 -14.92	46.49 3.58 -14.47	47.24 3.83 -12.31	48.95 4.10 -11.54	51.29 4.60 -8.99	53.00 4.84 -9.72	61.25 4.89 -17.20	69.17 4.67 -27.48	63.54 4.76 -21.31	50.67 4.58 -11.92	47.28 4.19 -11.38	46.45 3.88 -13.43	45.79 3.64 -15.60	43.56 2.89 -19.14	40.53 2.59 -18.71
ROCHESTER_9_IC 23652	19.79 0.00 -0.30	18.34 -0.15 -0.21	17.26 -0.17 -0.15	15.52 -0.18 -0.31	15.64 -0.17 -0.28	17.03 -0.19 -0.10	18.77 -0.17 -0.26	21.43 0.18 0.72	22.11 0.30 1.02	24.39 0.53 1.15	27.28 0.34 1.50	29.63 0.31 1.79	31.71 0.83 2.44	35.45 0.75 3.00	35.84 0.50 3.09	37.12 0.78 2.81	35.28 0.93 2.67	36.33 0.86 2.00	33.58 0.68 1.27	31.46 0.60 0.86	29.04 0.46 0.57	26.60 0.58 0.54	21.57 0.24 0.21	19.59 -0.08 -0.44
ROSETON___1 23587	24.04 2.01 -2.55	21.90 1.87 -1.75	20.29 1.74 -1.26	19.51 1.54 -2.57	19.47 1.55 -2.39	19.69 1.71 -0.86	22.72 1.87 -2.16	24.20 2.22 0.00	25.12 2.28 0.00	27.55 2.53 0.00	31.34 2.90 0.00	34.19 3.08 0.00	36.65 3.33 0.00	41.50 3.81 0.00	48.07 4.00 -5.64	55.63 4.00 -12.48	60.63 3.78 -19.82	56.84 3.82 -15.54	46.09 3.59 -8.33	40.00 3.36 -4.93	38.99 3.09 -6.76	33.42 2.87 -4.00	28.84 2.33 -4.97	24.98 2.04 -3.72
ROSETON___2 23588	24.04 2.01 -2.55	21.90 1.87 -1.75	20.29 1.74 -1.26	19.51 1.54 -2.57	19.47 1.55 -2.39	19.69 1.71 -0.86	22.72 1.87 -2.16	24.20 2.22 0.00	25.12 2.28 0.00	27.55 2.53 0.00	31.34 2.90 0.00	34.19 3.08 0.00	36.65 3.33 0.00	41.50 3.81 0.00	48.07 4.00 -5.64	55.63 4.00 -12.48	60.63 3.78 -19.82	56.84 3.82 -15.54	46.09 3.59 -8.33	40.00 3.36 -4.93	38.99 3.09 -6.76	33.42 2.87 -4.00	28.84 2.33 -4.97	24.98 2.04 -3.72
RUSSELL___1 23602	19.93 0.14 -0.30	18.47 -0.02 -0.21	17.38 -0.05 -0.15	15.61 -0.09 -0.31	15.73 -0.08 -0.28	17.13 -0.09 -0.10	18.89 -0.06 -0.26	21.63 0.35 0.71	22.32 0.48 1.00	24.64 0.75 1.13	27.56 0.60 1.47	29.98 0.62 1.75	32.13 1.20 2.39	35.93 1.17 2.94	36.30 0.88 3.02	37.62 1.22 2.75	35.79 1.37 2.61	36.79 1.27 1.96	35.20 1.02 0.00	32.66 0.95 0.00	29.90 0.76 0.00	27.38 0.82 0.00	22.04 0.43 -0.07	19.74 0.08 -0.44
RUSSELL___2 23532	19.93 0.14 -0.30	18.47 -0.02 -0.21	17.38 -0.05 -0.15	15.61 -0.09 -0.31	15.73 -0.08 -0.28	17.13 -0.09 -0.10	18.89 -0.06 -0.26	21.63 0.35 0.71	22.32 0.48 1.00	24.64 0.75 1.13	27.56 0.60 1.47	29.98 0.62 1.75	32.13 1.20 2.39	35.93 1.17 2.94	36.30 0.88 3.02	37.62 1.22 2.75	35.79 1.37 2.61	36.79 1.27 1.96	35.20 1.02 0.00	32.66 0.95 0.00	29.90 0.76 0.00	27.38 0.82 0.00	22.04 0.43 -0.07	19.74 0.08 -0.44
RUSSELL___3 23549	19.93 0.14 -0.30	18.47 -0.02 -0.21	17.38 -0.05 -0.15	15.61 -0.09 -0.31	15.73 -0.08 -0.28	17.13 -0.09 -0.10	18.89 -0.06 -0.26	21.63 0.35 0.71	22.32 0.48 1.00	24.64 0.75 1.13	27.56 0.60 1.47	29.98 0.62 1.75	32.13 1.20 2.39	35.93 1.17 2.94	36.30 0.88 3.02	37.62 1.22 2.75	35.79 1.37 2.61	36.79 1.27 1.96	35.20 1.02 0.00	32.66 0.95 0.00	29.90 0.76 0.00	27.38 0.82 0.00	22.04 0.43 -0.07	19.74 0.08 -0.44
RUSSELL___4 23556	19.93 0.14 -0.30	18.47 -0.02 -0.21	17.38 -0.05 -0.15	15.61 -0.09 -0.31	15.73 -0.08 -0.28	17.13 -0.09 -0.10	18.89 -0.06 -0.26	21.63 0.35 0.71	22.32 0.48 1.00	24.64 0.75 1.13	27.56 0.60 1.47	29.98 0.62 1.75	32.13 1.20 2.39	35.93 1.17 2.94	36.30 0.88 3.02	37.62 1.22 2.75	35.79 1.37 2.61	36.79 1.27 1.96	35.20 1.02 0.00	32.66 0.95 0.00	29.90 0.76 0.00	27.38 0.82 0.00	22.04 0.43 -0.07	19.74 0.08 -0.44
RUSSELL___STATION 23914	19.93 0.14 -0.30	18.47 -0.02 -0.21	17.38 -0.05 -0.15	15.61 -0.09 -0.31	15.73 -0.08 -0.28	17.13 -0.09 -0.10	18.89 -0.06 -0.26	21.63 0.35 0.71	22.32 0.48 1.00	24.64 0.75 1.13	27.56 0.60 1.47	29.98 0.62 1.75	32.13 1.20 2.39	35.93 1.17 2.94	36.30 0.88 3.02	37.62 1.22 2.75	35.79 1.37 2.61	36.79 1.27 1.96	35.20 1.02 0.00	32.66 0.95 0.00	29.90 0.76 0.00	27.38 0.82 0.00	22.04 0.43 -0.07	19.74 0.08 -0.44
S SALMON___HYD 24043	19.49 -0.18 -0.17	18.18 -0.22 -0.12	17.13 -0.24 -0.09	15.34 -0.23 -0.17	15.45 -0.23 -0.16	16.93 -0.24 -0.06	18.63 -0.21 -0.15	21.85 -0.13 0.00	22.77 -0.07 0.00	25.00 -0.02 0.00	28.44 0.00 0.00	31.11 0.00 0.00	33.32 0.00 0.00	37.62 -0.08 0.00	38.13 -0.31 0.00	38.76 -0.39 0.00	36.69 -0.33 0.00	37.13 -0.34 0.00	33.69 -0.48 0.00	31.24 -0.47 0.00	28.80 -0.35 0.00	26.31 -0.24 0.00	21.41 -0.17 -0.04	19.24 -0.23 -0.25

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.68 -0.25 -3.45	19.99 -0.42 -2.13	17.23 -0.31 -0.26	15.47 -0.32 -0.40	15.62 -0.28 -0.37	16.89 -0.36 -0.14	19.90 -0.43 -1.65	53.85 0.02 -31.85	67.97 0.02 -45.12	76.23 0.32 -50.88	94.55 -0.20 -66.31	109.57 -0.31 -78.77	141.42 0.43 -107.67	168.05 -0.08 -130.43	172.41 -0.23 -134.20	161.30 0.04 -122.11	153.31 0.26 -116.02	124.44 0.15 -86.81	94.43 0.07 -60.19	72.47 0.19 -40.57	56.13 0.00 -26.99	52.43 0.21 -25.66	34.83 -0.11 -13.40	21.01 -0.56 -2.35
SELKIRK___I 23801	23.76 1.07 -3.20	21.47 0.99 -2.20	19.82 0.95 -1.59	19.46 0.83 -3.23	19.38 0.85 -3.00	19.12 0.92 -1.08	22.41 1.01 -2.72	23.15 1.16 0.00	23.91 1.07 0.00	25.92 0.90 0.00	29.55 1.11 0.00	32.32 1.21 0.00	34.55 1.23 0.00	39.17 1.47 0.00	40.30 1.58 -0.29	41.31 1.53 -0.63	39.48 1.44 -1.01	39.68 1.42 -0.79	35.96 1.37 -0.42	33.23 1.27 -0.25	30.66 1.17 -0.34	27.82 1.06 -0.20	22.51 0.88 -0.09	24.71 0.81 -4.68
SELKIRK___II 23799	23.76 1.07 -3.20	21.47 0.99 -2.21	19.80 0.93 -1.59	19.46 0.83 -3.23	19.38 0.85 -3.01	19.13 0.92 -1.09	22.41 1.01 -2.72	23.12 1.14 0.00	23.91 1.07 0.00	25.92 0.90 0.00	29.52 1.08 0.00	32.29 1.18 0.00	34.55 1.23 0.00	39.13 1.43 0.00	40.27 1.58 -0.26	41.25 1.53 -0.57	39.35 1.41 -0.91	39.61 1.42 -0.71	35.92 1.37 -0.38	33.21 1.27 -0.23	30.62 1.17 -0.31	27.80 1.06 -0.18	22.47 0.86 -0.07	24.69 0.79 -4.68
SENECA OSWGO___HYD 24041	19.47 -0.21 -0.19	18.18 -0.24 -0.13	17.14 -0.24 -0.10	15.38 -0.22 -0.20	15.49 -0.22 -0.18	16.94 -0.24 -0.07	18.61 -0.24 -0.17	21.76 -0.22 0.00	22.63 -0.21 0.00	24.82 -0.20 0.00	28.21 -0.23 0.00	30.83 -0.28 0.00	33.12 -0.20 0.00	37.47 -0.22 0.00	38.17 -0.27 0.00	38.92 -0.23 0.00	36.81 -0.22 0.00	37.28 -0.19 0.00	33.94 -0.24 0.00	31.46 -0.25 0.00	28.97 -0.17 0.00	26.40 -0.16 0.00	21.41 -0.17 -0.05	19.33 -0.17 -0.28
SENECA___ENERGY 23797	19.70 -0.10 -0.31	18.33 -0.16 -0.21	17.28 -0.16 -0.15	15.56 -0.15 -0.31	15.69 -0.12 -0.29	17.08 -0.14 -0.11	18.80 -0.15 -0.26	22.00 0.02 0.00	22.88 0.05 0.00	25.05 0.03 0.00	28.32 -0.11 0.00	30.95 -0.15 0.00	33.45 0.13 0.00	37.77 0.08 0.00	38.47 0.04 0.00	39.27 0.12 0.00	37.21 0.19 0.00	37.66 0.19 0.00	34.28 0.10 0.00	31.74 0.03 0.00	29.15 0.00 0.00	26.63 0.08 0.00	21.63 0.02 -0.07	19.56 -0.11 -0.46
SHOEMAKER___GT 23640	23.63 1.81 -2.33	21.56 1.68 -1.60	19.99 1.56 -1.15	19.11 1.37 -2.35	19.09 1.38 -2.18	19.43 1.52 -0.79	22.34 1.68 -1.97	23.98 2.00 0.00	24.91 2.08 0.00	27.32 2.30 0.00	31.11 2.67 0.00	34.03 2.92 0.00	36.52 3.20 0.00	41.35 3.66 0.00	47.54 3.81 -5.30	54.67 3.80 -11.72	59.27 3.63 -18.61	55.70 3.63 -14.60	45.42 3.42 -7.83	39.54 3.20 -4.63	38.41 2.91 -6.35	32.99 2.68 -3.76	28.29 2.15 -4.60	24.49 1.86 -3.40
SHOREHAM_IC_1 23715	28.30 3.02 -5.79	25.81 2.72 -4.81	23.83 2.54 -4.01	21.48 2.23 -3.86	21.48 2.27 -3.68	22.46 2.47 -2.88	25.20 2.71 -3.81	30.07 3.34 -4.75	38.92 3.49 -12.59	39.42 3.93 -10.47	41.47 4.32 -8.71	46.45 4.85 -10.49	55.09 5.30 -16.47	68.20 5.95 -24.55	92.39 6.27 -47.69	92.03 6.26 -46.61	119.11 5.96 -76.12	99.96 6.07 -56.42	76.86 5.64 -37.05	57.60 5.33 -20.56	50.10 4.90 -16.06	45.91 4.49 -14.87	40.29 3.75 -15.00	38.20 3.13 -15.85
SHOREHAM_IC_2 23716	28.30 3.02 -5.79	25.81 2.72 -4.81	23.83 2.54 -4.01	21.48 2.23 -3.86	21.48 2.27 -3.68	22.46 2.47 -2.88	25.20 2.71 -3.81	30.07 3.34 -4.75	38.92 3.49 -12.59	39.42 3.93 -10.47	41.47 4.32 -8.71	46.45 4.85 -10.49	55.09 5.30 -16.47	68.20 5.95 -24.55	92.39 6.27 -47.69	92.03 6.26 -46.61	119.11 5.96 -76.12	99.96 6.07 -56.42	76.86 5.64 -37.05	57.60 5.33 -20.56	50.10 4.90 -16.06	45.91 4.49 -14.87	40.29 3.75 -15.00	38.20 3.13 -15.85
SISSONVILLE____ 23735	13.68 -1.68 4.13	13.74 -1.46 3.08	13.75 -1.40 2.13	13.80 -1.23 0.36	13.78 -1.29 0.45	13.75 -1.39 1.98	13.73 -1.50 3.46	19.48 -1.87 0.63	21.08 -1.76 0.00	23.05 -1.98 0.00	25.78 -2.39 0.27	28.71 -2.39 0.00	30.49 -2.83 0.00	33.05 -3.24 1.41	31.97 -3.34 3.12	33.49 -3.25 2.42	33.77 -3.26 0.00	34.32 -3.15 0.00	31.23 -2.94 0.00	28.95 -2.76 0.00	26.67 -2.48 0.00	23.69 -2.34 0.53	19.71 -1.83 0.00	15.64 -1.67 1.91
SITHE_IND_GS1 24169	19.18 -0.47 -0.16	17.91 -0.48 -0.11	16.91 -0.45 -0.08	15.16 -0.40 -0.16	15.29 -0.39 -0.15	16.72 -0.45 -0.05	18.34 -0.49 -0.14	21.45 -0.53 0.00	22.29 -0.55 0.00	24.47 -0.55 0.00	27.78 -0.65 0.00	30.36 -0.75 0.00	32.62 -0.70 0.00	36.87 -0.83 0.00	37.55 -0.88 0.00	38.29 -0.86 0.00	36.25 -0.78 0.00	36.65 -0.82 0.00	33.39 -0.78 0.00	30.98 -0.73 0.00	28.48 -0.67 0.00	25.97 -0.58 0.00	21.10 -0.47 -0.04	19.05 -0.40 -0.23
SITHE_IND_GS2 24170	19.18 -0.47 -0.16	17.91 -0.48 -0.11	16.91 -0.45 -0.08	15.16 -0.40 -0.16	15.29 -0.39 -0.15	16.72 -0.45 -0.05	18.34 -0.49 -0.14	21.45 -0.53 0.00	22.29 -0.55 0.00	24.47 -0.55 0.00	27.78 -0.65 0.00	30.36 -0.75 0.00	32.62 -0.70 0.00	36.87 -0.83 0.00	37.55 -0.88 0.00	38.29 -0.86 0.00	36.25 -0.78 0.00	36.65 -0.82 0.00	33.39 -0.78 0.00	30.98 -0.73 0.00	28.48 -0.67 0.00	25.97 -0.58 0.00	21.10 -0.47 -0.04	19.05 -0.40 -0.23
SITHE_IND_GS3 24171	19.18 -0.47 -0.16	17.91 -0.48 -0.11	16.91 -0.45 -0.08	15.16 -0.40 -0.16	15.29 -0.39 -0.15	16.72 -0.45 -0.05	18.34 -0.49 -0.14	21.45 -0.53 0.00	22.29 -0.55 0.00	24.47 -0.55 0.00	27.78 -0.65 0.00	30.36 -0.75 0.00	32.62 -0.70 0.00	36.87 -0.83 0.00	37.55 -0.88 0.00	38.29 -0.86 0.00	36.25 -0.78 0.00	36.65 -0.82 0.00	33.39 -0.78 0.00	30.98 -0.73 0.00	28.48 -0.67 0.00	25.97 -0.58 0.00	21.10 -0.47 -0.04	19.05 -0.40 -0.23
SITHE_IND_GS4 24172	19.18 -0.47 -0.16	17.91 -0.48 -0.11	16.91 -0.45 -0.08	15.16 -0.40 -0.16	15.29 -0.39 -0.15	16.72 -0.45 -0.05	18.34 -0.49 -0.14	21.45 -0.53 0.00	22.29 -0.55 0.00	24.47 -0.55 0.00	27.78 -0.65 0.00	30.36 -0.75 0.00	32.62 -0.70 0.00	36.87 -0.83 0.00	37.55 -0.88 0.00	38.29 -0.86 0.00	36.25 -0.78 0.00	36.65 -0.82 0.00	33.39 -0.78 0.00	30.98 -0.73 0.00	28.48 -0.67 0.00	25.97 -0.58 0.00	21.10 -0.47 -0.04	19.05 -0.40 -0.23
SITHE___BATAVIA 24024	20.93 0.14 -1.31	19.05 -0.05 -0.82	17.46 -0.02 -0.20	15.70 -0.06 -0.36	15.82 -0.05 -0.34	17.15 -0.09 -0.12	19.27 -0.13 -0.71	26.13 0.24 -3.91	28.67 0.30 -5.53	31.89 0.63 -6.24	36.83 0.26 -8.13	40.96 0.19 -9.66	47.49 0.97 -13.21	54.24 0.60 -15.94	55.14 0.31 -16.40	54.70 0.62 -14.92	52.09 0.89 -14.18	48.90 0.82 -10.61	42.92 0.68 -8.06	37.88 0.73 -5.43	33.26 0.50 -3.61	30.66 0.66 -3.44	23.62 0.22 -1.87	20.14 -0.15 -1.07
SITHE___INDEPEND 23800	19.18 -0.47 -0.16	17.91 -0.48 -0.11	16.91 -0.45 -0.08	15.16 -0.40 -0.16	15.29 -0.39 -0.15	16.72 -0.45 -0.05	18.34 -0.49 -0.14	21.45 -0.53 0.00	22.29 -0.55 0.00	24.47 -0.55 0.00	27.78 -0.65 0.00	30.36 -0.75 0.00	32.62 -0.70 0.00	36.87 -0.83 0.00	37.55 -0.88 0.00	38.29 -0.86 0.00	36.25 -0.78 0.00	36.65 -0.82 0.00	33.39 -0.78 0.00	30.98 -0.73 0.00	28.48 -0.67 0.00	25.97 -0.58 0.00	21.10 -0.47 -0.04	19.05 -0.40 -0.23

SITHE___MASSENA 23902	14.39 -0.97 4.13	14.40 -0.80 3.08	14.39 -0.76 2.13	14.36 -0.68 0.36	14.36 -0.71 0.45	14.39 -0.75 1.98	14.40 -0.82 3.46	20.30 -1.05 0.63	21.85 -0.98 0.00	23.90 -1.13 0.00	26.81 -1.36 0.27	29.74 -1.37 0.00	31.66 -1.67 0.00	34.40 -1.88 1.41	33.39 -1.92 3.12	34.90 -1.84 2.42	35.18 -1.85 0.00	35.67 -1.80 0.00	32.53 -1.64 0.00	30.16 -1.55 0.00	27.78 -1.37 0.00	24.72 -1.30 0.53	20.50 -1.03 0.00	16.39 -0.92 1.91
SITHE___OGDNSBRG 24021	14.50 -0.86 4.13	14.49 -0.71 3.08	14.44 -0.71 2.13	14.40 -0.63 0.36	14.39 -0.68 0.45	14.44 -0.70 1.98	14.47 -0.75 3.46	20.41 -0.94 0.63	22.04 -0.80 0.00	24.10 -0.93 0.00	27.06 -1.11 0.27	30.05 -1.06 0.00	31.95 -1.37 0.00	34.67 -1.62 1.41	33.54 -1.77 3.12	35.05 -1.68 2.42	35.33 -1.70 0.00	35.86 -1.61 0.00	32.57 -1.61 0.00	30.19 -1.52 0.00	27.78 -1.37 0.00	24.70 -1.33 0.53	20.55 -0.99 0.00	16.38 -0.94 1.91
SITHE___STERLING 23777	20.03 0.47 -0.08	18.72 0.38 -0.05	17.65 0.33 -0.04	15.74 0.26 -0.08	15.86 0.26 -0.07	17.47 0.32 -0.03	19.15 0.39 -0.07	22.53 0.55 0.00	23.47 0.64 0.00	25.75 0.73 0.00	29.35 0.91 0.00	32.10 1.00 0.00	34.42 1.10 0.00	38.90 1.21 0.00	39.47 1.04 0.00	40.21 1.06 0.00	38.06 1.04 0.00	38.48 1.01 0.00	34.92 0.75 0.00	32.41 0.70 0.00	29.76 0.61 0.00	27.11 0.56 0.00	22.01 0.47 0.00	19.66 0.33 -0.11
SOUTH CAIRO___GT 23612	24.22 1.93 -2.80	21.98 1.77 -1.93	20.26 1.59 -1.39	19.63 1.40 -2.83	19.55 1.40 -2.63	19.59 1.52 -0.95	22.84 1.78 -2.38	24.00 2.02 0.00	24.87 2.03 0.00	27.15 2.13 0.00	31.02 2.59 0.00	34.10 2.99 0.00	36.62 3.30 0.00	41.62 3.92 0.00	45.79 4.30 -3.05	50.25 4.35 -6.75	51.90 4.15 -10.73	50.08 4.20 -8.41	42.41 3.73 -4.51	37.81 3.43 -2.67	35.83 3.03 -3.66	31.43 2.71 -2.16	26.44 2.09 -2.81	25.13 1.81 -4.10
SOUTH HAMPTN___IC 23720	29.36 4.11 -5.76	26.73 3.68 -4.78	24.67 3.41 -3.98	22.23 2.99 -3.85	22.21 3.01 -3.68	23.31 3.32 -2.87	26.17 3.68 -3.80	31.43 4.70 -4.74	40.51 5.09 -12.59	41.34 5.85 -10.47	43.85 6.71 -8.70	49.24 7.65 -10.47	58.25 8.47 -16.46	71.82 9.58 -24.55	96.23 10.11 -47.69	95.94 10.18 -46.61	122.78 9.62 -76.12	103.59 9.70 -56.42	80.11 8.88 -37.05	60.47 8.21 -20.55	52.57 7.37 -16.05	48.03 6.64 -14.84	41.73 5.21 -14.98	39.34 4.29 -15.83
SOUTHOLD___IC 23719	29.89 4.64 -5.76	27.21 4.15 -4.78	25.10 3.84 -3.98	22.60 3.36 -3.85	22.60 3.40 -3.68	23.77 3.78 -2.87	26.69 4.21 -3.80	32.09 5.36 -4.74	41.27 5.85 -12.59	42.24 6.76 -10.47	44.93 7.79 -8.70	50.58 8.99 -10.48	59.78 10.00 -16.46	73.59 11.35 -24.55	98.19 12.07 -47.69	97.87 12.10 -46.61	124.56 11.41 -76.12	105.43 11.54 -56.42	81.75 10.53 -37.05	61.90 9.64 -20.55	53.83 8.63 -16.05	49.12 7.73 -14.84	42.49 5.97 -14.98	39.92 4.86 -15.83
ST LAWRENCE___ 23600	18.52 -0.94 0.04	17.48 -0.80 0.00	16.52 -0.76 0.00	14.72 -0.68 0.00	14.83 -0.70 0.00	16.36 -0.75 0.00	17.86 -0.82 0.00	20.95 -1.03 0.00	21.81 -1.03 0.00	23.87 -1.15 0.00	27.10 -1.34 0.00	29.71 -1.40 0.00	31.72 -1.60 0.00	35.89 -1.81 0.00	36.59 -1.84 0.00	37.31 -1.84 0.00	35.25 -1.78 0.00	35.71 -1.76 0.00	32.57 -1.61 0.00	30.19 -1.52 0.00	27.78 -1.37 0.00	25.28 -1.27 0.00	20.50 -1.03 0.00	18.32 -0.90 0.00
STATION 5_MISC_HYD 23604	19.79 0.00 -0.30	18.34 -0.15 -0.21	17.26 -0.17 -0.15	15.52 -0.18 -0.31	15.64 -0.17 -0.28	17.03 -0.19 -0.10	18.77 -0.17 -0.26	21.43 0.18 0.72	22.11 0.30 1.02	24.39 0.53 1.15	27.28 0.34 1.50	29.63 0.31 1.79	31.71 0.83 2.44	35.45 0.75 3.00	35.84 0.50 3.09	37.12 0.78 2.81	35.28 0.93 2.67	36.33 0.86 2.00	33.58 0.68 1.27	31.46 0.60 0.86	29.04 0.46 0.57	26.60 0.58 0.54	21.57 0.24 0.21	19.59 -0.08 -0.44
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.85 0.06 -0.30	18.43 -0.05 -0.21	17.36 -0.07 -0.15	15.61 -0.09 -0.30	15.73 -0.08 -0.28	17.15 -0.07 -0.10	18.90 -0.04 -0.25	22.25 0.26 0.00	23.20 0.36 0.00	25.52 0.50 0.00	28.81 0.37 0.00	31.51 0.40 0.00	34.15 0.83 0.00	38.53 0.83 0.00	39.09 0.65 0.00	40.01 0.86 0.00	37.99 0.96 0.00	38.41 0.94 0.00	34.92 0.75 0.00	32.35 0.63 0.00	29.64 0.50 0.00	27.11 0.56 0.00	21.91 0.30 -0.07	19.68 0.02 -0.44
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.61 -0.18 -0.30	18.19 -0.29 -0.21	17.12 -0.31 -0.15	15.39 -0.31 -0.30	15.53 -0.28 -0.10	16.89 -0.33 -0.25	18.62 -0.32 -0.25	21.26 -0.02 0.70	21.93 0.09 1.00	24.17 0.28 1.12	27.06 0.09 1.47	29.40 0.03 1.74	31.47 0.53 2.38	35.19 0.42 2.93	35.62 0.19 3.01	36.84 0.43 2.74	35.02 0.59 2.60	36.05 0.52 1.95	34.55 0.38 0.00	32.03 0.32 0.00	29.35 0.21 0.00	26.85 0.29 0.00	21.65 0.04 -0.07	19.41 -0.25 -0.44
STEEL___WIND 323596	22.00 0.10 -2.41	19.69 -0.09 -1.50	17.51 -0.02 -0.25	15.77 -0.05 -0.42	15.90 -0.02 -0.39	17.21 -0.05 -0.14	19.82 -0.07 -1.21	39.52 0.48 -17.06	47.50 0.50 -24.17	53.13 0.85 -27.25	64.35 0.40 -35.52	73.61 0.31 -42.19	92.13 1.13 -57.67	108.23 0.71 -69.82	110.85 0.58 -71.84	105.38 0.86 -65.37	100.17 1.04 -62.11	84.88 0.94 -46.47	66.82 0.79 -31.86	54.04 0.86 -21.48	44.01 0.58 -14.29	40.91 0.77 -13.58	29.01 0.32 -7.14	20.79 -0.19 -1.76
STEBEN_REC_LFGE 323667	21.06 0.62 -0.94	19.32 0.42 -0.62	18.01 0.45 -0.28	16.30 0.35 -0.55	16.47 0.43 -0.51	17.76 0.46 -0.18	19.86 0.54 -0.63	26.75 1.10 -3.67	29.19 1.16 -5.19	32.28 1.40 -5.86	37.23 1.17 -7.63	41.23 1.06 -9.06	47.58 1.86 -12.39	54.49 1.77 -15.02	55.62 1.73 -15.46	55.17 1.96 -14.06	52.39 2.00 -13.36	49.42 1.95 -10.00	42.77 1.71 -6.89	37.91 1.55 -4.64	33.46 1.22 -3.09	30.82 1.33 -2.94	23.94 0.75 -1.65	20.52 0.27 -1.02
STONY___BROOK 24151	28.48 3.10 -5.89	25.98 2.81 -4.89	24.04 2.64 -4.11	21.62 2.34 -3.88	21.61 2.38 -3.71	22.62 2.60 -2.91	25.34 2.82 -3.83	30.18 3.43 -4.77	39.00 3.56 -12.60	39.48 3.98 -10.48	41.48 4.29 -8.75	46.43 4.79 -10.53	54.85 5.03 -16.50	67.91 5.65 -24.56	92.04 5.92 -47.69	91.71 5.95 -46.61	118.82 5.67 -76.12	99.62 5.73 -56.42	76.52 5.30 -37.05	57.31 5.01 -20.59	49.88 4.63 -16.10	45.87 4.36 -14.96	40.31 3.71 -15.06	38.32 3.19 -15.90
STURGEON_POOL_HYD 23609	24.19 2.03 -2.67	22.00 1.88 -1.84	20.35 1.74 -1.32	19.63 1.54 -2.69	19.58 1.55 -2.50	19.72 1.69 -0.90	22.80 1.85 -2.27	24.18 2.20 0.00	25.12 2.28 0.00	27.58 2.55 0.00	31.39 2.96 0.00	34.34 3.24 0.00	36.85 3.53 0.00	41.73 4.04 0.00	46.48 4.23 -3.82	51.83 4.23 -8.45	54.48 4.04 -13.42	52.05 4.05 -10.53	43.64 3.83 -5.64	38.63 3.58 -3.34	36.98 3.26 -4.58	32.26 3.00 -2.71	27.53 2.41 -3.58	25.22 2.10 -3.90
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.85 1.99 -2.38	21.74 1.83 -1.64	20.17 1.71 -1.18	19.30 1.51 -2.40	19.28 1.52 -2.23	19.60 1.68 -0.81	22.55 1.85 -2.02	24.18 2.20 0.00	25.12 2.28 0.00	27.55 2.53 0.00	31.37 2.93 0.00	34.28 3.17 0.00	36.79 3.47 0.00	41.65 3.96 0.00	48.20 4.19 -5.57	55.67 4.19 -12.33	60.60 4.00 -19.57	56.84 4.01 -15.35	46.13 3.73 -8.23	40.07 3.49 -4.87	39.00 3.18 -6.67	33.43 2.92 -3.95	28.70 2.35 -4.81	24.75 2.06 -3.47

SYNERGY___BIOGAS 323694	20.93 0.14 -1.31	19.05 -0.05 -0.82	17.46 -0.02 -0.20	15.70 -0.06 -0.36	15.82 -0.05 -0.34	17.15 -0.09 -0.12	19.27 -0.13 -0.71	26.13 0.24 -3.91	28.67 0.30 -5.53	31.89 0.63 -6.24	36.83 0.26 -8.13	40.96 0.19 -9.66	47.49 0.97 -13.21	54.24 0.60 -15.94	55.14 0.31 -16.40	54.70 0.62 -14.92	52.09 0.89 -14.18	48.90 0.82 -10.61	42.92 0.68 -8.06	37.88 0.73 -5.43	33.26 0.50 -3.61	30.66 0.66 -3.44	23.62 0.22 -1.87	20.14 -0.15 -1.07
SYRACUSE___ENERGY_ST1 323597	19.79 0.06 -0.24	18.47 0.02 -0.17	17.40 0.00 -0.12	15.64 0.00 -0.25	15.75 0.00 -0.23	17.20 0.00 -0.08	18.91 0.02 -0.21	22.09 0.11 0.00	23.00 0.16 0.00	25.22 0.20 0.00	28.64 0.20 0.00	31.30 0.19 0.00	33.69 0.37 0.00	38.11 0.42 0.00	38.82 0.38 0.00	39.58 0.43 0.00	37.47 0.45 0.00	37.92 0.45 0.00	34.52 0.34 0.00	32.00 0.28 0.00	29.41 0.26 0.00	26.79 0.24 0.00	21.75 0.15 -0.06	19.68 0.10 -0.36
SYRACUSE___ENERGY_ST2 323598	19.79 0.06 -0.24	18.47 0.02 -0.17	17.40 0.00 -0.12	15.64 0.00 -0.25	15.75 0.00 -0.23	17.20 0.00 -0.08	18.91 0.02 -0.21	22.09 0.11 0.00	23.00 0.16 0.00	25.22 0.20 0.00	28.64 0.20 0.00	31.30 0.19 0.00	33.69 0.37 0.00	38.11 0.42 0.00	38.82 0.38 0.00	39.58 0.43 0.00	37.47 0.45 0.00	37.92 0.45 0.00	34.52 0.34 0.00	32.00 0.28 0.00	29.41 0.26 0.00	26.79 0.24 0.00	21.75 0.15 -0.06	19.68 0.10 -0.36
SYRACUSE___POWER 24017	19.81 0.08 -0.24	18.46 0.02 -0.17	17.40 0.00 -0.12	15.64 0.00 -0.24	15.77 0.02 -0.23	17.20 0.00 -0.08	18.93 0.04 -0.21	22.11 0.13 0.00	23.02 0.18 0.00	25.27 0.25 0.00	28.72 0.28 0.00	31.36 0.25 0.00	33.72 0.40 0.00	38.11 0.42 0.00	38.86 0.42 0.00	39.62 0.47 0.00	37.51 0.48 0.00	37.92 0.45 0.00	34.52 0.34 0.00	32.03 0.32 0.00	29.47 0.32 0.00	26.85 0.29 0.00	21.77 0.17 -0.06	19.69 0.12 -0.35
TRIGEN___CC 323695	45.01 2.67 -22.85	40.55 2.47 -19.80	41.02 2.32 -21.42	26.09 2.06 -8.63	26.07 2.08 -8.46	26.78 2.28 -7.39	28.99 2.50 -7.80	33.34 2.90 -8.46	40.12 2.97 -14.32	41.17 3.28 -12.87	47.19 3.70 -15.06	52.62 4.04 -17.47	58.85 4.36 -21.16	69.35 4.98 -26.68	91.31 5.19 -47.69	90.97 5.21 -46.61	118.08 4.93 -76.12	98.87 4.98 -56.42	75.91 4.68 -37.05	61.90 4.38 -25.81	55.29 4.02 -22.12	60.53 3.67 -30.31	50.57 3.04 -25.99	47.22 2.65 -25.35
UNION___PROCESSING_DRP 323587	19.72 -0.08 -0.30	18.29 -0.20 -0.21	17.21 -0.23 -0.15	15.47 -0.23 -0.31	15.59 -0.22 -0.28	16.98 -0.24 -0.10	18.70 -0.24 -0.26	22.07 0.09 0.00	23.02 0.18 0.00	25.42 0.40 0.00	28.64 0.20 0.00	31.27 0.16 0.00	33.99 0.67 0.00	38.26 0.57 0.00	38.74 0.31 0.00	39.74 0.59 0.00	37.77 0.74 0.00	38.15 0.68 0.00	34.69 0.51 0.00	32.19 0.48 0.00	29.47 0.32 0.00	27.00 0.45 0.00	21.76 0.15 -0.07	19.51 -0.15 -0.44
UPPER HUDSON___HYD 24058	23.59 0.70 -3.40	21.24 0.62 -2.34	19.50 0.54 -1.68	19.30 0.48 -3.43	19.21 0.50 -3.19	18.83 0.56 -1.15	22.28 0.71 -2.88	22.71 0.72 0.00	23.61 0.78 0.00	25.85 0.82 0.00	29.52 1.08 0.00	32.26 1.15 0.00	34.42 1.10 0.00	39.02 1.32 0.00	40.52 1.42 -0.66	42.03 1.41 -1.47	40.52 1.30 -2.20	40.54 1.35 -1.72	36.29 1.20 -0.92	33.24 0.98 -0.55	30.80 0.90 -0.75	27.79 0.80 -0.44	22.68 0.75 -0.39	24.94 0.75 -4.97
UPPER RAQUET___HYD 24056	13.68 -1.68 4.13	13.74 -1.46 3.08	13.75 -1.40 2.13	13.80 -1.23 0.36	13.78 -1.29 0.45	13.75 -1.39 1.98	13.73 -1.50 3.46	19.48 -1.87 0.63	21.08 -1.76 0.00	23.05 -1.98 0.00	25.78 -2.39 0.27	28.71 -2.39 0.00	30.49 -2.83 0.00	33.05 -3.24 1.41	31.97 -3.34 3.12	33.49 -3.25 2.42	33.77 -3.26 0.00	34.32 -3.15 0.00	31.23 -2.94 0.00	28.95 -2.76 0.00	26.67 -2.48 0.00	23.69 -2.34 0.53	19.71 -1.83 0.00	15.64 -1.67 1.91
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.88 1.23 -1.16	20.19 1.12 -0.80	18.89 1.07 -0.54	17.42 0.92 -1.10	17.48 0.93 -1.02	18.53 1.04 -0.37	20.78 1.14 -0.96	24.07 1.39 -0.71	25.27 1.44 -1.00	27.75 1.60 -1.13	31.78 1.88 -1.47	34.88 2.02 -1.75	37.87 2.16 -2.39	42.98 2.38 -2.91	44.00 2.27 -3.30	44.83 2.27 -3.41	42.92 2.22 -3.67	42.43 2.17 -2.79	37.90 1.95 -1.78	34.71 1.84 -1.16	31.77 1.66 -0.96	28.85 1.51 -0.78	23.60 1.29 -0.77	21.93 1.08 -1.63
VISCHER___FERRY HYD 24020	23.99 1.15 -3.35	21.64 1.06 -2.30	19.93 0.98 -1.66	19.65 0.88 -3.38	19.56 0.90 -3.14	19.24 0.99 -1.13	22.65 1.12 -2.84	23.21 1.23 0.00	24.00 1.16 0.00	26.27 1.25 0.00	29.94 1.51 0.00	32.76 1.65 0.00	35.02 1.70 0.00	39.69 2.00 0.00	41.01 2.11 -0.46	42.26 2.07 -1.03	40.64 1.92 -1.69	40.78 1.98 -1.32	36.73 1.84 -0.71	33.78 1.65 -0.42	31.21 1.49 -0.57	28.25 1.35 -0.34	22.90 1.12 -0.25	25.17 1.06 -4.89
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.11 2.16 -2.45	21.96 1.99 -1.69	20.37 1.87 -1.22	19.51 1.63 -2.48	19.49 1.66 -2.30	19.78 1.83 -0.83	22.79 2.02 -2.08	24.38 2.40 0.00	25.32 2.49 0.00	27.80 2.78 0.00	31.62 3.18 0.00	34.56 3.45 0.00	37.08 3.76 0.00	41.99 4.30 0.00	49.06 4.53 -6.09	57.17 4.54 -13.48	62.76 4.33 -21.41	58.61 4.34 -16.79	47.24 4.06 -9.00	40.84 3.80 -5.32	39.91 3.47 -7.30	34.06 3.19 -4.32	29.34 2.58 -5.22	25.08 2.27 -3.59
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.04 2.55 -8.00	27.95 2.36 -7.31	26.46 2.21 -6.96	23.18 1.96 -5.83	23.36 1.99 -5.85	24.33 2.17 -5.04	27.85 2.39 -6.77	39.66 2.86 -14.82	41.07 2.95 -15.28	42.74 3.30 -14.42	45.78 3.78 -13.56	46.72 4.07 -11.53	48.56 4.43 -10.81	51.21 5.09 -8.43	53.28 5.31 -9.54	61.54 5.32 -17.06	69.33 5.07 -27.23	63.70 5.10 -21.13	50.68 4.72 -11.79	47.19 4.44 -11.03	46.29 4.05 -13.10	45.15 3.69 -14.91	42.81 2.99 -18.28	40.04 2.61 -18.21
WADING RIVER_IC_1 23522	28.18 2.94 -5.75	25.68 2.63 -4.76	23.72 2.47 -3.96	21.41 2.17 -3.84	21.40 2.20 -3.67	22.38 2.40 -2.87	25.12 2.64 -3.80	29.97 3.25 -4.74	38.82 3.40 -12.59	39.31 3.83 -10.46	41.37 4.24 -8.70	46.34 4.76 -10.47	54.91 5.13 -16.46	68.05 5.80 -24.55	92.23 6.11 -47.69	91.91 6.15 -46.61	118.97 5.81 -76.12	99.81 5.92 -56.42	76.69 5.47 -37.05	57.43 5.17 -20.55	49.94 4.75 -16.05	45.71 4.33 -14.83	40.13 3.62 -14.97	38.08 3.04 -15.82
WADING RIVER_IC_2 23547	28.18 2.94 -5.75	25.68 2.63 -4.76	23.72 2.47 -3.96	21.41 2.17 -3.84	21.40 2.20 -3.67	22.38 2.40 -2.87	25.12 2.64 -3.80	29.97 3.25 -4.74	38.82 3.40 -12.59	39.31 3.83 -10.46	41.37 4.24 -8.70	46.34 4.76 -10.47	54.91 5.13 -16.46	68.05 5.80 -24.55	92.23 6.11 -47.69	91.91 6.15 -46.61	118.97 5.81 -76.12	99.81 5.92 -56.42	76.69 5.47 -37.05	57.43 5.17 -20.55	49.94 4.75 -16.05	45.71 4.33 -14.83	40.13 3.62 -14.97	38.08 3.04 -15.82
WADING RIVER_IC_3 23601	28.18 2.94 -5.75	25.68 2.63 -4.76	23.72 2.47 -3.96	21.41 2.17 -3.84	21.40 2.20 -3.67	22.38 2.40 -2.87	25.12 2.64 -3.80	29.97 3.25 -4.74	38.82 3.40 -12.59	39.31 3.83 -10.46	41.37 4.24 -8.70	46.34 4.76 -10.47	54.91 5.13 -16.46	68.05 5.80 -24.55	92.23 6.11 -47.69	91.91 6.15 -46.61	118.97 5.81 -76.12	99.81 5.92 -56.42	76.69 5.47 -37.05	57.43 5.17 -20.55	49.94 4.75 -16.05	45.71 4.33 -14.83	40.13 3.62 -14.97	38.08 3.04 -15.82

WALDEN___HYDRO 24148	24.17 2.16 -2.52	22.01 1.99 -1.73	20.38 1.85 -1.25	19.55 1.62 -2.54	19.52 1.63 -2.36	19.77 1.80 -0.85	22.82 2.00 -2.14	24.38 2.40 0.00	25.32 2.49 0.00	27.82 2.80 0.00	31.68 3.24 0.00	34.65 3.55 0.00	37.22 3.90 0.00	42.18 4.48 0.00	48.26 4.73 -5.10	55.22 4.78 -11.29	59.51 4.55 -17.93	56.14 4.61 -14.06	45.98 4.27 -7.54	40.17 4.00 -4.46	38.87 3.61 -6.11	33.46 3.29 -3.62	28.64 2.63 -4.47	25.17 2.27 -3.68
WARRENSBURG___ 23737	23.59 0.70 -3.40	21.24 0.62 -2.34	19.50 0.54 -1.68	19.30 0.48 -3.43	19.21 0.50 -3.19	18.83 0.56 -1.15	22.28 0.71 -2.88	22.71 0.72 0.00	23.61 0.78 0.00	25.85 0.82 0.00	29.52 1.08 0.00	32.26 1.15 0.00	34.42 1.10 0.00	39.02 1.32 0.00	40.52 1.42 -0.66	42.03 1.41 -1.47	40.52 1.30 -2.20	40.54 1.35 -1.72	36.29 1.20 -0.92	33.24 0.98 -0.55	30.80 0.90 -0.75	27.79 0.80 -0.44	22.68 0.75 -0.39	24.94 0.75 -4.97
WATERSIDE___6 8 9 23538	30.45 2.59 -8.37	28.33 2.36 -7.69	26.83 2.20 -7.35	23.27 1.94 -5.93	23.46 1.97 -5.96	24.59 2.16 -5.32	28.14 2.37 -7.08	40.69 2.88 -15.83	42.11 2.95 -16.32	42.15 3.20 -13.92	45.70 3.70 -13.57	46.28 3.95 -11.21	48.35 4.23 -10.80	45.51 4.79 -3.02	39.41 5.03 4.06	54.73 5.05 -10.53	66.89 4.78 -25.08	60.07 4.84 -17.76	48.31 4.51 -9.63	40.58 4.31 -4.56	33.73 3.99 -0.59	44.11 3.67 -13.89	34.49 2.97 -9.98	39.07 2.65 -17.19
WDELAWARE___HYD 323627	23.21 1.09 -2.63	21.10 1.00 -1.81	19.49 0.90 -1.31	18.82 0.77 -2.66	18.77 0.78 -2.47	18.86 0.86 -0.89	21.93 1.01 -2.24	23.21 1.23 0.00	25.10 2.26 0.00	27.58 2.55 0.00	31.45 3.01 0.00	34.44 3.33 0.00	36.99 3.67 0.00	41.92 4.22 0.00	45.02 2.42 -4.16	50.79 2.43 -9.21	54.02 2.37 -14.62	51.34 2.40 -11.47	44.45 4.13 -6.15	39.22 3.87 -3.64	37.63 3.50 -4.98	32.64 3.13 -2.95	27.79 2.43 -3.82	25.13 2.06 -3.85
WEST BABYLON___IC 23714	32.37 3.33 -9.54	29.44 3.05 -8.10	27.94 2.82 -7.84	22.80 2.49 -4.91	22.79 2.53 -4.73	23.76 2.77 -3.87	26.42 3.05 -4.69	31.22 3.67 -5.56	39.62 3.81 -12.97	40.18 4.15 -11.00	43.15 4.61 -10.11	48.20 5.07 -12.02	56.29 5.46 -17.50	68.86 6.15 -25.02	92.54 6.42 -47.69	92.22 6.46 -46.61	119.34 6.18 -76.12	100.11 6.22 -56.42	77.00 5.78 -37.05	58.82 5.39 -21.71	51.58 5.04 -17.39	49.39 4.57 -18.26	42.77 3.81 -17.42	40.45 3.29 -17.94
WEST CANADA___HYD 24049	19.58 0.16 0.06	18.38 0.15 0.04	17.39 0.14 0.03	15.45 0.12 0.06	15.59 0.12 0.06	17.23 0.14 0.02	18.76 0.13 0.05	22.14 0.15 0.00	23.00 0.16 0.00	25.20 0.18 0.00	28.66 0.23 0.00	31.36 0.25 0.00	33.59 0.27 0.00	37.96 0.27 0.00	38.71 0.27 0.00	39.39 0.24 0.00	37.25 0.22 0.00	37.70 0.23 0.00	34.38 0.21 0.00	31.90 0.19 0.00	29.29 0.15 0.00	26.71 0.16 0.00	21.67 0.13 0.00	19.24 0.12 0.09
WESTERN_NY_WIND 24143	20.97 0.14 -1.35	19.07 -0.05 -0.85	17.46 -0.02 -0.20	15.68 -0.08 -0.37	15.82 -0.05 -0.34	17.15 -0.09 -0.12	19.29 -0.13 -0.73	26.29 0.22 -4.09	28.90 0.28 -5.79	32.18 0.63 -6.53	37.18 0.23 -8.52	41.38 0.16 -10.12	48.08 0.93 -13.83	54.95 0.57 -16.69	55.88 0.27 -17.17	55.37 0.59 -15.62	52.73 0.85 -14.85	49.37 0.79 -11.11	43.29 0.68 -8.43	38.09 0.70 -5.68	33.39 0.46 -3.78	30.79 0.64 -3.60	23.68 0.19 -1.95	20.17 -0.15 -1.10
WESTOVER___LESR 323668	21.09 0.60 -1.00	19.46 0.51 -0.67	18.22 0.52 -0.42	16.68 0.45 -0.84	16.79 0.48 -0.78	17.93 0.53 -0.28	20.02 0.56 -0.78	24.24 0.79 -1.47	25.73 0.82 -2.08	28.32 0.95 -2.34	32.49 0.99 -3.05	35.80 1.06 -3.63	39.65 1.37 -4.96	45.17 1.43 -6.04	46.11 1.46 -6.22	46.30 1.49 -5.66	43.92 1.52 -5.38	42.95 1.46 -4.02	38.29 1.37 -2.75	34.80 1.24 -1.85	31.49 1.11 -1.23	28.76 1.03 -1.17	23.12 0.77 -0.80	21.13 0.60 -1.31
WETHRSFD_WT_PWR 323626	21.27 0.14 -1.64	19.28 -0.04 -1.04	17.57 0.03 -0.25	15.86 0.00 -0.47	16.01 0.05 -0.44	17.29 0.02 -0.16	19.59 0.00 -0.90	33.55 0.46 -11.10	39.02 0.46 -15.73	43.49 0.73 -17.74	51.90 0.34 -23.12	58.79 0.22 -27.46	71.79 0.93 -37.54	83.72 0.60 -45.42	85.63 0.46 -46.73	82.38 0.71 -42.52	78.32 0.89 -40.40	68.49 0.79 -30.23	55.72 0.68 -20.87	46.51 0.73 -14.07	39.00 0.50 -9.36	36.12 0.66 -8.90	26.52 0.26 -4.72	20.43 -0.15 -1.36
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.03 2.09 -2.46	21.89 1.92 -1.69	20.30 1.80 -1.22	19.46 1.59 -2.48	19.43 1.60 -2.31	19.71 1.76 -0.83	22.70 1.93 -2.09	24.27 2.29 0.00	25.21 2.37 0.00	27.65 2.63 0.00	31.45 3.01 0.00	34.34 3.24 0.00	36.82 3.50 0.00	41.69 3.99 0.00	48.74 4.19 -6.11	56.87 4.19 -13.52	62.50 4.00 -21.47	58.33 4.01 -16.84	47.00 3.79 -9.03	40.61 3.55 -5.34	39.73 3.26 -7.32	33.91 3.03 -4.33	29.24 2.48 -5.23	24.99 2.17 -3.59
YORK___WARBASSE 23770	30.55 2.69 -8.37	28.40 2.43 -7.69	26.88 2.25 -7.35	23.32 1.97 -5.95	23.49 1.99 -5.98	24.61 2.17 -5.32	28.18 2.41 -7.08	40.80 2.99 -15.83	42.26 3.11 -16.32	51.03 3.38 -22.63	51.22 3.90 -18.88	53.03 4.20 -17.72	53.00 4.50 -15.18	81.05 5.09 -38.27	120.98 5.31 -77.24	94.41 5.32 -49.93	81.31 5.07 -39.21	81.27 5.13 -38.66	81.08 4.78 -42.12	81.08 4.57 -44.80	109.71 4.22 -76.34	81.08 3.90 -50.62	88.66 3.14 -63.98	51.02 2.81 -28.99