

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/16/2018

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	37.22	37.19	35.75	34.93	35.91	39.63	47.63	56.90	58.55	57.37	53.88	51.51	49.39	50.23	47.91	48.51	66.13	70.08	59.29	53.72	54.99	50.93	43.25	40.06
24138	1.96	1.95	1.97	1.91	1.83	2.43	4.41	5.50	5.61	5.55	5.34	5.11	4.97	4.27	3.88	4.03	5.91	6.19	5.57	3.85	3.30	2.68	2.25	1.72
	-13.99	-12.78	-11.19	-11.01	-12.86	-9.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.79	-10.57	-10.03	0.00	0.00	-4.83	-16.39	-20.23	-22.96	-18.91	-21.50
74TH STREET_GT_1	37.26	37.21	35.80	34.97	35.95	39.66	47.67	56.95	58.55	57.37	53.88	51.51	49.39	50.23	47.91	48.51	66.13	70.08	59.29	53.76	55.02	50.96	43.29	40.10
24260	2.00	1.98	2.01	1.96	1.87	2.46	4.45	5.55	5.61	5.55	5.34	5.11	4.97	4.27	3.88	4.03	5.91	6.19	5.57	3.88	3.33	2.71	2.30	1.75
	-13.99	-12.78	-11.19	-11.02	-12.86	-9.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.79	-10.57	-10.03	0.00	0.00	-4.83	-16.39	-20.23	-22.96	-18.91	-21.50
74TH STREET_GT_2	37.26	37.21	35.80	34.97	35.95	39.66	47.67	56.95	58.55	57.37	53.88	51.51	49.39	50.23	47.91	48.51	66.13	70.08	59.29	53.76	55.02	50.96	43.29	40.10
24261	2.00	1.98	2.01	1.96	1.87	2.46	4.45	5.55	5.61	5.55	5.34	5.11	4.97	4.27	3.88	4.03	5.91	6.19	5.57	3.88	3.33	2.71	2.30	1.75
	-13.99	-12.78	-11.19	-11.02	-12.86	-9.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.79	-10.57	-10.03	0.00	0.00	-4.83	-16.39	-20.23	-22.96	-18.91	-21.50
ADK HUDSON___FALLS	42.63	42.22	40.16	39.26	40.96	43.58	47.85	56.95	58.81	57.63	54.07	51.70	49.48	53.78	52.10	52.35	66.49	70.53	61.00	59.41	62.23	59.09	49.88	47.43
24011	2.06	2.13	2.12	2.07	1.99	2.65	4.63	5.55	5.88	5.80	5.53	5.29	5.06	4.27	3.81	3.82	6.26	6.64	5.47	3.75	3.40	2.73	2.21	1.50
	-19.29	-17.63	-15.43	-15.19	-17.74	-13.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.33	-14.83	-14.08	0.00	0.00	-6.63	-22.17	-27.37	-31.06	-25.59	-29.09
ADK RESOURCE___RCVRY	42.84	42.48	40.44	39.53	41.20	43.96	48.66	57.98	59.82	58.56	55.00	52.58	50.32	54.41	52.65	52.92	67.57	71.67	61.92	59.90	62.61	59.35	50.05	47.51
23798	2.42	2.54	2.53	2.46	2.38	3.14	5.45	6.58	6.88	6.73	6.46	6.17	5.91	5.02	4.49	4.51	7.34	7.79	6.45	4.42	4.00	3.24	2.58	1.80
	-19.14	-17.48	-15.31	-15.07	-17.60	-13.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.23	-14.70	-13.96	0.00	0.00	-6.58	-21.99	-27.15	-30.82	-25.38	-28.86
ADK S GLENS___FALLS	42.63	42.22	40.16	39.26	40.96	43.58	47.85	56.95	58.81	57.63	54.07	51.70	49.48	53.78	52.10	52.35	66.49	70.53	61.00	59.41	62.23	59.09	49.88	47.43
24028	2.06	2.13	2.12	2.07	1.99	2.65	4.63	5.55	5.88	5.80	5.53	5.29	5.06	4.27	3.81	3.82	6.26	6.64	5.47	3.75	3.40	2.73	2.21	1.50
	-19.29	-17.63	-15.43	-15.19	-17.74	-13.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.33	-14.83	-14.08	0.00	0.00	-6.63	-22.17	-27.37	-31.06	-25.59	-29.09
ADK_NYS___DAM	41.98	41.62	39.62	38.73	40.39	43.01	47.24	56.29	57.97	56.75	53.30	50.91	48.77	52.87	51.26	51.58	65.58	69.51	60.15	58.43	61.11	58.00	48.99	46.62
23527	1.92	2.00	1.99	1.94	1.89	2.43	4.02	4.89	5.03	4.93	4.76	4.50	4.36	3.68	3.35	3.41	5.36	5.62	4.79	3.35	2.99	2.45	1.99	1.45
	-18.79	-17.17	-15.03	-14.80	-17.28	-13.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.02	-14.45	-13.72	0.00	0.00	-6.46	-21.59	-26.66	-30.25	-24.92	-28.33
AIR_PRODUCTS___DRP	41.02	40.68	38.74	37.85	39.50	42.01	45.17	53.61	55.21	54.10	50.73	48.50	46.63	50.97	49.47	49.75	62.64	66.18	57.51	56.32	59.03	56.20	47.72	45.45
24190	1.32	1.39	1.40	1.34	1.34	1.70	1.95	2.21	2.27	2.28	2.19	2.09	2.22	1.93	1.74	1.76	2.41	2.30	2.25	1.67	1.45	1.26	1.21	0.84
	-18.42	-16.83	-14.73	-14.50	-16.94	-12.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.87	-14.27	-13.55	0.00	0.00	-6.38	-21.16	-26.12	-29.64	-24.42	-27.76
ALBANY___1	41.02	40.68	38.74	37.85	39.50	42.01	45.17	53.61	55.21	54.10	50.73	48.50	46.63	50.97	49.47	49.75	62.64	66.18	57.51	56.32	59.03	56.20	47.72	45.45
23571	1.32	1.39	1.40	1.34	1.34	1.70	1.95	2.21	2.27	2.28	2.19	2.09	2.22	1.93	1.74	1.76	2.41	2.30	2.25	1.67	1.45	1.26	1.21	0.84
	-18.42	-16.83	-14.73	-14.50	-16.94	-12.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.87	-14.27	-13.55	0.00	0.00	-6.38	-21.16	-26.12	-29.64	-24.42	-27.76
ALBANY___2	41.02	40.68	38.74	37.85	39.50	42.01	45.17	53.61	55.21	54.10	50.73	48.50	46.63	50.97	49.47	49.75	62.64	66.18	57.51	56.32	59.03	56.20	47.72	45.45
23572	1.32	1.39	1.40	1.34	1.34	1.70	1.95	2.21	2.27	2.28	2.19	2.09	2.22	1.93	1.74	1.76	2.41	2.30	2.25	1.67	1.45	1.26	1.21	0.84
	-18.42	-16.83	-14.73	-14.50	-16.94	-12.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.87	-14.27	-13.55	0.00	0.00	-6.38	-21.16	-26.12	-29.64	-24.42	-27.76
ALBANY___3	41.02	40.68	38.74	37.85	39.50	42.01	45.17	53.61	55.21	54.10	50.73	48.50	46.63	50.97	49.47	49.75	62.64	66.18	57.51	56.32	59.03	56.20	47.72	45.45
23573	1.32	1.39	1.40	1.34	1.34	1.70	1.95	2.21	2.27	2.28	2.19	2.09	2.22	1.93	1.74	1.76	2.41	2.30	2.25	1.67	1.45	1.26	1.21	0.84
	-18.42	-16.83	-14.73	-14.50	-16.94	-12.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.87	-14.27	-13.55	0.00	0.00	-6.38	-21.16	-26.12	-29.64	-24.42	-27.76
ALBANY___4	41.02	40.68	38.74	37.85	39.50	42.01	45.17	53.61	55.21	54.10	50.73	48.50	46.63	50.97	49.47	49.75	62.64	66.18	57.51	56.32	59.03	56.20	47.72	45.45
23574	1.32	1.39	1.40	1.34	1.34	1.70	1.95	2.21	2.27	2.28	2.19	2.09	2.22	1.93	1.74	1.76	2.41	2.30	2.25	1.67	1.45	1.26	1.21	0.84
	-18.42	-16.83	-14.73	-14.50	-16.94	-12.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.87	-14.27	-13.55	0.00	0.00	-6.38	-21.16	-26.12	-29.64	-24.42	-27.76



ALBANY___LFGE 323615	41.64 1.53 -18.83	41.25 1.59 -17.20	39.24 1.58 -15.06	38.37 1.54 -14.83	40.04 1.51 -17.31	42.57 1.97 -13.25	45.86 2.64 0.00	54.49 3.08 0.00	56.17 3.23 0.00	55.04 3.21 0.00	51.60 3.06 0.00	49.34 2.93 0.00	47.39 2.98 0.00	51.80 2.53 -12.10	50.29 2.28 -14.55	50.57 2.31 -13.81	63.66 3.43 0.00	67.33 3.45 0.00	58.47 3.08 -6.50	57.33 2.21 -21.63	60.11 1.95 -26.70	57.24 1.64 -30.30	48.54 1.50 -24.96	46.25 1.03 -28.38
ALCOA_RYNLDS___DRP 24188	20.07 -1.21 0.00	21.25 -1.21 0.00	21.38 -1.22 0.00	20.79 -1.21 0.00	20.01 -1.21 0.00	25.82 -1.53 0.00	40.93 -2.29 0.00	48.88 -2.52 0.00	50.50 -2.43 0.00	49.29 -2.54 0.00	46.02 -2.53 0.00	43.99 -2.42 0.00	42.10 -2.31 0.00	35.24 -1.93 0.00	31.66 -1.81 0.00	32.59 -1.86 0.00	58.24 -1.99 0.00	61.84 -2.05 0.00	46.79 -2.10 0.00	31.48 -2.01 0.00	29.57 -1.89 0.00	23.50 -1.80 0.00	20.54 -1.55 0.00	15.93 -0.91 0.00
ALCOA___DSASP 323711	20.07 -1.21 0.00	21.25 -1.21 0.00	21.38 -1.22 0.00	20.79 -1.21 0.00	20.01 -1.21 0.00	25.82 -1.53 0.00	40.93 -2.29 0.00	48.88 -2.52 0.00	50.50 -2.43 0.00	49.29 -2.54 0.00	46.02 -2.53 0.00	43.99 -2.42 0.00	42.10 -2.31 0.00	35.24 -1.93 0.00	31.66 -1.81 0.00	32.59 -1.86 0.00	58.24 -1.99 0.00	61.84 -2.05 0.00	46.79 -2.10 0.00	31.48 -2.01 0.00	29.57 -1.89 0.00	23.50 -1.80 0.00	20.54 -1.55 0.00	15.93 -0.91 0.00
ALLEGHENY___COGEN 23514	24.85 1.06 -2.51	25.81 1.06 -2.30	25.63 1.02 -2.01	24.97 0.99 -1.98	24.53 1.00 -2.31	30.35 1.23 -1.77	46.11 2.90 0.00	55.10 3.70 0.00	56.38 3.44 0.00	55.14 3.32 0.00	51.55 3.01 0.00	49.42 3.01 0.00	46.86 2.44 0.00	40.66 1.89 -1.59	37.08 1.71 -1.91	37.95 1.69 -1.81	62.27 2.05 0.00	66.95 3.07 0.00	51.95 2.20 -0.86	38.40 2.01 -2.90	36.71 1.67 -3.58	31.05 1.69 -4.06	26.71 1.28 -3.35	21.46 0.81 -3.81
ALTONA_WT_PWR 323606	20.60 -0.68 0.00	21.81 -0.65 0.00	21.92 -0.68 0.00	21.29 -0.70 0.00	20.46 -0.76 0.00	26.42 -0.93 0.00	42.01 -1.21 0.00	50.32 -1.08 0.00	52.04 -0.90 0.00	50.73 -1.09 0.00	47.43 -1.11 0.00	45.39 -1.02 0.00	43.44 -0.98 0.00	36.39 -0.78 0.00	32.66 -0.80 0.00	33.59 -0.86 0.00	59.44 -0.78 0.00	62.99 -0.89 0.00	47.71 -1.17 0.00	32.31 -1.17 0.00	30.20 -1.26 0.00	23.85 -1.44 0.00	20.78 -1.30 0.00	16.00 -0.84 0.00
AMERICAN_REF_FUEL 24010	22.74 -0.85 -2.31	23.59 -0.99 -2.11	23.39 -1.06 -1.85	22.74 -1.08 -1.82	22.40 -0.95 -2.13	27.45 -1.53 -1.63	41.49 -1.73 0.00	49.19 -2.21 0.00	50.66 -2.27 0.00	49.65 -2.17 0.00	46.51 -2.04 0.00	44.50 -1.90 0.00	42.33 -2.09 0.00	36.78 -1.86 -1.46	33.72 -1.51 -1.76	34.47 -1.65 -1.67	55.65 -4.58 0.00	59.60 -4.28 0.00	46.84 -2.84 -0.79	35.06 -1.10 -2.67	33.41 -1.35 -3.30	28.53 -0.51 -3.74	24.63 -0.53 -3.08	19.56 -0.79 -3.51
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.61 0.76 -2.57	25.52 0.72 -2.35	25.29 0.63 -2.05	24.57 0.55 -2.02	24.18 0.59 -2.36	29.67 0.52 -1.81	45.08 1.86 0.00	53.30 1.90 0.00	54.63 1.69 0.00	53.17 1.35 0.00	49.85 1.31 0.00	47.52 1.11 0.00	45.08 0.67 0.00	39.21 0.41 -1.62	35.95 0.53 -1.95	36.68 0.38 -1.85	58.90 -1.33 0.00	63.18 -0.70 0.00	49.67 -0.10 -0.88	37.25 0.80 -2.96	35.43 0.31 -3.66	30.28 0.83 -4.15	26.07 0.57 -3.42	20.80 0.07 -3.89
ARTHUR_KILL_GT_1 23520	37.33 2.06 -13.99	37.26 2.02 -12.78	35.83 2.03 -11.20	35.00 1.98 -11.02	36.01 1.91 -12.87	39.66 2.46 -9.84	47.54 4.32 0.00	56.59 5.19 0.00	57.86 4.92 0.00	56.80 4.98 0.00	53.40 4.85 0.00	51.01 4.60 0.00	48.90 4.48 0.00	49.79 3.83 -8.79	47.51 3.48 -10.57	48.13 3.65 -10.03	65.58 5.36 0.00	69.38 5.49 0.00	59.05 5.33 -4.83	53.53 3.65 -16.39	54.74 3.05 -20.23	50.83 2.58 -22.96	43.32 2.32 -18.92	40.07 1.72 -21.51
ARTHUR_KILL_2 23512	37.33 2.06 -13.99	37.26 2.02 -12.78	35.83 2.03 -11.20	35.00 1.98 -11.02	36.01 1.91 -12.87	39.66 2.46 -9.84	47.54 4.32 0.00	56.59 5.19 0.00	57.86 4.92 0.00	56.80 4.98 0.00	53.40 4.85 0.00	51.01 4.60 0.00	48.90 4.48 0.00	49.79 3.83 -8.79	47.51 3.48 -10.57	48.13 3.65 -10.03	65.58 5.36 0.00	69.38 5.49 0.00	59.05 5.33 -4.83	53.53 3.65 -16.39	54.74 3.05 -20.23	50.83 2.58 -22.96	43.32 2.32 -18.92	40.07 1.72 -21.51
ARTHUR_KILL_3 23513	37.16 1.89 -13.99	37.12 1.89 -12.78	35.69 1.90 -11.19	34.86 1.85 -11.01	35.85 1.76 -12.86	39.54 2.35 -9.84	47.54 4.32 0.00	56.85 5.45 0.00	58.39 5.45 0.00	57.16 5.34 0.00	53.69 5.14 0.00	51.33 4.92 0.00	49.21 4.80 0.00	50.09 4.13 -8.79	47.81 3.78 -10.57	48.37 3.89 -10.03	65.88 5.66 0.00	69.96 6.07 0.00	59.15 5.43 -4.83	53.62 3.75 -16.39	54.90 3.21 -20.23	50.83 2.58 -22.96	43.20 2.21 -18.91	40.05 1.70 -21.50
ARTHUR_KILL_COGEN 323718	37.33 2.06 -13.99	37.26 2.02 -12.78	35.83 2.03 -11.20	35.00 1.98 -11.02	36.01 1.91 -12.87	39.66 2.46 -9.84	47.54 4.32 0.00	56.59 5.19 0.00	57.86 4.92 0.00	56.80 4.98 0.00	53.40 4.85 0.00	51.01 4.60 0.00	48.90 4.48 0.00	49.79 3.83 -8.79	47.51 3.48 -10.57	48.13 3.65 -10.03	65.58 5.36 0.00	69.38 5.49 0.00	59.05 5.33 -4.83	53.53 3.65 -16.39	54.74 3.05 -20.23	50.83 2.58 -22.96	43.32 2.32 -18.92	40.07 1.72 -21.51
ASHOKAN____ 23654	38.10 2.04 -14.78	37.91 1.95 -13.50	36.39 1.97 -11.82	35.53 1.89 -11.64	36.96 2.14 -13.59	40.38 2.63 -10.40	47.19 3.97 0.00	55.21 3.80 0.00	57.01 4.08 0.00	55.19 3.37 0.00	52.47 3.93 0.00	50.08 3.67 0.00	47.79 3.37 0.00	49.67 3.27 -9.22	47.70 3.14 -11.09	48.11 3.13 -10.53	63.78 3.55 0.00	68.29 4.40 0.00	58.73 4.69 -5.14	53.96 2.95 -17.53	55.24 2.14 -21.64	51.87 2.02 -24.55	44.03 1.72 -20.23	41.09 1.25 -23.00
ASTORIA_EAST_ENERGY_CC1 323581	37.51 2.23 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.20 2.10 -12.87	39.95 2.76 -9.84	47.85 4.63 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.44 4.90 0.01	51.05 4.64 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.53 3.51 -10.56	48.17 3.69 -10.03	65.58 5.36 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.64 2.96 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_EAST_ENERGY_CC2 323582	37.51 2.23 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.20 2.10 -12.87	39.95 2.76 -9.84	47.85 4.63 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.44 4.90 0.01	51.05 4.64 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.53 3.51 -10.56	48.17 3.69 -10.03	65.58 5.36 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.64 2.96 -20.22	50.93 2.68 -22.96	43.45 2.45 -18.92	40.11 1.75 -21.51
ASTORIA_GT2_I 24094	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51



ASTORIA_GT2_2 24095	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT2_3 24096	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT2_4 24097	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT3_1 24098	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT3_2 24099	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT3_3 24100	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT3_4 24101	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT4_1 24102	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT4_2 24103	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT4_3 24104	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT4_4 24105	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT_1 23523	37.53 2.25 -14.00	37.47 2.22 -12.79	36.06 2.26 -11.20	35.20 2.18 -11.02	36.22 2.12 -12.87	39.98 2.79 -9.84	47.89 4.67 0.00	56.85 5.45 0.00	57.96 5.03 0.01	56.84 5.03 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.17 3.69 -10.03	65.65 5.42 0.00	69.05 5.17 0.01	58.84 5.13 -4.82	53.38 3.52 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.48 2.47 -18.92	40.11 1.75 -21.51
ASTORIA_GT_10 24110	37.35 2.09 -13.99	37.28 2.04 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.71 4.49 0.00	56.90 5.50 0.00	58.28 5.34 0.00	57.16 5.34 0.00	53.74 5.20 0.00	51.33 4.92 0.00	49.21 4.80 0.00	50.09 4.13 -8.79	47.74 3.71 -10.57	48.37 3.89 -10.03	65.83 5.60 0.00	69.57 5.68 0.00	59.19 5.47 -4.83	53.63 3.75 -16.39	54.87 3.18 -20.23	50.93 2.68 -22.96	43.39 2.39 -18.92	40.19 1.84 -21.51
ASTORIA_GT_11 24225	37.35 2.09 -13.99	37.28 2.04 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.71 4.49 0.00	56.90 5.50 0.00	58.28 5.34 0.00	57.16 5.34 0.00	53.74 5.20 0.00	51.33 4.92 0.00	49.21 4.80 0.00	50.09 4.13 -8.79	47.74 3.71 -10.57	48.37 3.89 -10.03	65.83 5.60 0.00	69.57 5.68 0.00	59.19 5.47 -4.83	53.63 3.75 -16.39	54.87 3.18 -20.23	50.93 2.68 -22.96	43.39 2.39 -18.92	40.19 1.84 -21.51
ASTORIA_GT_12 24226	37.35 2.09 -13.99	37.28 2.04 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.71 4.49 0.00	56.90 5.50 0.00	58.28 5.34 0.00	57.16 5.34 0.00	53.74 5.20 0.00	51.33 4.92 0.00	49.21 4.80 0.00	50.09 4.13 -8.79	47.74 3.71 -10.57	48.37 3.89 -10.03	65.83 5.60 0.00	69.57 5.68 0.00	59.19 5.47 -4.83	53.63 3.75 -16.39	54.87 3.18 -20.23	50.93 2.68 -22.96	43.39 2.39 -18.92	40.19 1.84 -21.51



ASTORIA_GT_13 24227	37.35	37.28	35.92	35.09	36.07	39.79	47.71	56.90	58.28	57.16	53.74	51.33	49.21	50.09	47.74	48.37	65.83	69.57	59.19	53.63	54.87	50.93	43.39	40.19
	2.09	2.04	2.12	2.07	1.97	2.60	4.49	5.50	5.34	5.34	5.20	4.92	4.80	4.13	3.71	3.89	5.60	5.68	5.47	3.75	3.18	2.68	2.39	1.84
	-13.99	-12.78	-11.20	-11.02	-12.87	-9.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.79	-10.57	-10.03	0.00	0.00	-4.83	-16.39	-20.23	-22.96	-18.92	-21.51
ASTORIA_GT_5 24106	37.53	37.47	36.06	35.20	36.22	39.98	47.89	56.85	57.96	56.84	53.49	51.10	48.99	49.85	47.57	48.17	65.65	69.05	58.84	53.38	54.67	50.93	43.48	40.11
	2.25	2.22	2.26	2.18	2.12	2.79	4.67	5.45	5.03	5.03	4.95	4.69	4.58	3.90	3.55	3.69	5.42	5.17	5.13	3.52	2.99	2.68	2.47	1.75
	-14.00	-12.79	-11.20	-11.02	-12.87	-9.84	0.00	0.00	0.01	0.01	0.01	0.00	0.00	-8.78	-10.56	-10.03	0.00	0.01	-4.82	-16.38	-20.22	-22.96	-18.92	-21.51
ASTORIA_GT_7 24107	37.53	37.47	36.06	35.20	36.22	39.98	47.89	56.85	57.96	56.84	53.49	51.10	48.99	49.85	47.57	48.17	65.65	69.05	58.84	53.38	54.67	50.93	43.48	40.11
	2.25	2.22	2.26	2.18	2.12	2.79	4.67	5.45	5.03	5.03	4.95	4.69	4.58	3.90	3.55	3.69	5.42	5.17	5.13	3.52	2.99	2.68	2.47	1.75
	-14.00	-12.79	-11.20	-11.02	-12.87	-9.84	0.00	0.00	0.01	0.01	0.01	0.00	0.00	-8.78	-10.56	-10.03	0.00	0.01	-4.82	-16.38	-20.22	-22.96	-18.92	-21.51
ASTORIA_GT_8 24108	37.53	37.47	36.06	35.20	36.22	39.98	47.89	56.85	57.96	56.84	53.49	51.10	48.99	49.85	47.57	48.17	65.65	69.05	58.84	53.38	54.67	50.93	43.48	40.11
	2.25	2.22	2.26	2.18	2.12	2.79	4.67	5.45	5.03	5.03	4.95	4.69	4.58	3.90	3.55	3.69	5.42	5.17	5.13	3.52	2.99	2.68	2.47	1.75
	-14.00	-12.79	-11.20	-11.02	-12.87	-9.84	0.00	0.00	0.01	0.01	0.01	0.00	0.00	-8.78	-10.56	-10.03	0.00	0.01	-4.82	-16.38	-20.22	-22.96	-18.92	-21.51
ASTORIA___2 24149	37.53	37.47	36.06	35.20	36.22	39.98	47.89	56.85	57.96	56.84	53.49	51.10	48.99	49.85	47.57	48.17	65.65	69.05	58.84	53.38	54.67	50.93	43.48	40.11
	2.25	2.22	2.26	2.18	2.12	2.79	4.67	5.45	5.03	5.03	4.95	4.69	4.58	3.90	3.55	3.69	5.42	5.17	5.13	3.52	2.99	2.68	2.47	1.75
	-14.00	-12.79	-11.20	-11.02	-12.87	-9.84	0.00	0.00	0.01	0.01	0.01	0.00	0.00	-8.78	-10.56	-10.03	0.00	0.01	-4.82	-16.38	-20.22	-22.96	-18.92	-21.51
ASTORIA___3 23516	37.35	37.28	35.92	35.09	36.07	39.79	47.71	56.90	58.28	57.16	53.74	51.33	49.21	50.09	47.74	48.37	65.83	69.57	59.19	53.63	54.87	50.93	43.39	40.19
	2.09	2.04	2.12	2.07	1.97	2.60	4.49	5.50	5.34	5.34	5.20	4.92	4.80	4.13	3.71	3.89	5.60	5.68	5.47	3.75	3.18	2.68	2.39	1.84
	-13.99	-12.78	-11.20	-11.02	-12.87	-9.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.79	-10.57	-10.03	0.00	0.00	-4.83	-16.39	-20.23	-22.96	-18.92	-21.51
ASTORIA___4 23517	37.53	37.47	36.06	35.20	36.22	39.98	47.89	56.85	57.96	56.84	53.49	51.10	48.99	49.85	47.57	48.17	65.65	69.05	58.84	53.38	54.67	50.93	43.48	40.11
	2.25	2.22	2.26	2.18	2.12	2.79	4.67	5.45	5.03	5.03	4.95	4.69	4.58	3.90	3.55	3.69	5.42	5.17	5.13	3.52	2.99	2.68	2.47	1.75
	-14.00	-12.79	-11.20	-11.02	-12.87	-9.84	0.00	0.00	0.01	0.01	0.01	0.00	0.00	-8.78	-10.56	-10.03	0.00	0.01	-4.82	-16.38	-20.22	-22.96	-18.92	-21.51
ASTORIA___5 23518	37.35	37.28	35.92	35.09	36.07	39.79	47.71	56.90	58.28	57.16	53.74	51.33	49.21	50.09	47.74	48.37	65.83	69.57	59.19	53.63	54.87	50.93	43.39	40.19
	2.09	2.04	2.12	2.07	1.97	2.60	4.49	5.50	5.34	5.34	5.20	4.92	4.80	4.13	3.71	3.89	5.60	5.68	5.47	3.75	3.18	2.68	2.39	1.84
	-13.99	-12.78	-11.20	-11.02	-12.87	-9.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.79	-10.57	-10.03	0.00	0.00	-4.83	-16.39	-20.23	-22.96	-18.92	-21.51
AST_ENERGY_2_CC3 323677	37.16	37.12	35.69	34.86	35.85	39.54	47.41	56.70	58.28	57.11	53.64	51.28	49.17	50.05	47.74	48.34	65.83	69.70	59.05	53.56	54.87	50.78	43.18	40.06
	1.89	1.89	1.90	1.85	1.76	2.35	4.19	5.30	5.34	5.29	5.10	4.87	4.75	4.09	3.71	3.86	5.60	5.81	5.33	3.68	3.18	2.53	2.19	1.72
	-13.99	-12.78	-11.19	-11.01	-12.86	-9.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.79	-10.57	-10.03	0.00	0.00	-4.83	-16.39	-20.23	-22.96	-18.91	-21.50
AST_ENERGY_2_CC4 323678	37.16	37.12	35.69	34.86	35.85	39.54	47.41	56.70	58.28	57.11	53.64	51.28	49.17	50.05	47.74	48.34	65.83	69.70	59.05	53.56	54.87	50.78	43.18	40.06
	1.89	1.89	1.90	1.85	1.76	2.35	4.19	5.30	5.34	5.29	5.10	4.87	4.75	4.09	3.71	3.86	5.60	5.81	5.33	3.68	3.18	2.53	2.19	1.72
	-13.99	-12.78	-11.19	-11.01	-12.86	-9.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.79	-10.57	-10.03	0.00	0.00	-4.83	-16.39	-20.23	-22.96	-18.91	-21.50
ATHENS_STG_1 23668	38.69	38.53	36.87	36.01	37.34	40.33	45.94	54.69	56.22	55.09	51.75	49.42	47.39	49.93	48.03	48.46	63.84	67.52	57.69	54.22	56.18	52.70	44.68	41.96
	1.30	1.35	1.38	1.32	1.29	1.64	2.72	3.29	3.28	3.27	3.20	3.01	2.98	2.56	2.31	2.38	3.61	3.64	3.37	2.41	2.11	1.74	1.46	1.08
	-16.11	-14.72	-12.89	-12.69	-14.82	-11.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.20	-12.26	-11.64	0.00	0.00	-5.43	-18.32	-22.62	-25.67	-21.14	-24.04
ATHENS_STG_2 23670	38.69	38.53	36.87	36.01	37.34	40.33	45.94	54.69	56.22	55.09	51.75	49.42	47.39	49.93	48.03	48.46	63.84	67.52	57.69	54.22	56.18	52.70	44.68	41.96
	1.30	1.35	1.38	1.32	1.29	1.64	2.72	3.29	3.28	3.27	3.20	3.01	2.98	2.56	2.31	2.38	3.61	3.64	3.37	2.41	2.11	1.74	1.46	1.08
	-16.11	-14.72	-12.89	-12.69	-14.82	-11.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.20	-12.26	-11.64	0.00	0.00	-5.43	-18.32	-22.62	-25.67	-21.14	-24.04
ATHENS_STG_3 23677	38.69	38.53	36.87	36.01	37.34	40.33	45.94	54.69	56.22	55.09	51.75	49.42	47.39	49.93	48.03	48.46	63.84	67.52	57.69	54.22	56.18	52.70	44.68	41.96
	1.30	1.35	1.38	1.32	1.29	1.64	2.72	3.29	3.28	3.27	3.20	3.01	2.98	2.56	2.31	2.38	3.61	3.64	3.37	2.41	2.11	1.74	1.46	1.08
	-16.11	-14.72	-12.89	-12.69	-14.82	-11.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.20	-12.26	-11.64	0.00	0.00	-5.43	-18.32	-22.62	-25.67	-21.14	-24.04
AUBURN___LFGE 323710	23.55	24.58	24.51	23.87	23.35	29.23	44.25	52.63	54.10	53.02	49.61	47.43	45.26	38.98	35.47	36.30	60.77	64.78	50.26	36.36	34.82	28.97	25.10	19.98
	0.43	0.43	0.43	0.42	0.42	0.58	1.04	1.23	1.16	1.19	1.07	1.02	0.84	0.63	0.60	0.52	0.54	0.89	0.73	0.74	0.72	0.68	0.55	0.34
	-1.85	-1.69	-1.48	-1.46	-1.70	-1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	-1.41	-1.34	0.00	0.00	-0.63	-2.13	-2.63	-2.99	-2.46	-2.80
BABYLON_RES_REC 323704	60.89	58.69	48.40	44.75	46.75	58.92	74.18	80.11	77.25	76.44	72.07	64.83	59.85	58.52	58.49	59.23	71.17	79.97	74.16	68.32	63.33	62.31	56.63	54.87
	2.62	2.67	2.67	2.59	2.48	3.28	5.75	6.99	7.10	6.95	6.55	6.17	5.91	5.09	4.65	4.82	7.34	7.66	6.75	4.72	4.15	3.34	2.85	2.17
	-37.00	-33.56	-23.13	-20.16	-23.05	-28.29	-25.21	-21.72	-17.21	-17.67	-16.98	-12.25	-9.52	-16.26	-20.37	-19.96	-3.60	-8.43	-18.53	-30.11	-27.72	-33.67	-31.70	-35.85



BARRETT_IC_1 23704	120.41 2.38 -96.75	154.65 2.45 -129.74	79.19 2.46 -54.13	45.36 2.40 -20.96	69.68 2.31 -46.14	106.52 3.01 -76.17	139.16 5.27 -90.67	169.57 6.32 -111.85	130.56 6.40 -71.22	118.62 6.27 -60.53	150.01 5.92 -95.55	102.52 5.61 -50.49	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_10 23701	120.43 2.38 -96.77	154.67 2.45 -129.76	79.20 2.46 -54.14	45.36 2.40 -20.96	69.68 2.31 -46.15	106.54 3.01 -76.18	139.18 5.27 -90.69	169.60 6.32 -111.87	130.58 6.40 -71.24	118.63 6.27 -60.54	150.03 5.92 -95.57	102.53 5.61 -50.50	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_11 23702	120.43 2.38 -96.77	154.67 2.45 -129.76	79.20 2.46 -54.14	45.36 2.40 -20.96	69.68 2.31 -46.15	106.54 3.01 -76.18	139.18 5.27 -90.69	169.60 6.32 -111.87	130.58 6.40 -71.24	118.63 6.27 -60.54	150.03 5.92 -95.57	102.53 5.61 -50.50	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_12 23703	120.43 2.38 -96.77	154.67 2.45 -129.76	79.20 2.46 -54.14	45.36 2.40 -20.96	69.68 2.31 -46.15	106.54 3.01 -76.18	139.18 5.27 -90.69	169.60 6.32 -111.87	130.58 6.40 -71.24	118.63 6.27 -60.54	150.03 5.92 -95.57	102.53 5.61 -50.50	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_2 23705	120.41 2.38 -96.75	154.65 2.45 -129.74	79.19 2.46 -54.13	45.36 2.40 -20.96	69.68 2.31 -46.14	106.52 3.01 -76.17	139.16 5.27 -90.67	169.57 6.32 -111.85	130.56 6.40 -71.22	118.62 6.27 -60.53	150.01 5.92 -95.55	102.52 5.61 -50.49	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_3 23706	120.41 2.38 -96.75	154.65 2.45 -129.74	79.19 2.46 -54.13	45.36 2.40 -20.96	69.68 2.31 -46.14	106.52 3.01 -76.17	139.16 5.27 -90.67	169.57 6.32 -111.85	130.56 6.40 -71.22	118.62 6.27 -60.53	150.01 5.92 -95.55	102.52 5.61 -50.49	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_4 23707	120.41 2.38 -96.75	154.65 2.45 -129.74	79.19 2.46 -54.13	45.36 2.40 -20.96	69.68 2.31 -46.14	106.52 3.01 -76.17	139.16 5.27 -90.67	169.57 6.32 -111.85	130.56 6.40 -71.22	118.62 6.27 -60.53	150.01 5.92 -95.55	102.52 5.61 -50.49	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_5 23708	120.41 2.38 -96.75	154.65 2.45 -129.74	79.19 2.46 -54.13	45.36 2.40 -20.96	69.68 2.31 -46.14	106.52 3.01 -76.17	139.16 5.27 -90.67	169.57 6.32 -111.85	130.56 6.40 -71.22	118.62 6.27 -60.53	150.01 5.92 -95.55	102.52 5.61 -50.49	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_6 23709	120.41 2.38 -96.75	154.65 2.45 -129.74	79.19 2.46 -54.13	45.36 2.40 -20.96	69.68 2.31 -46.14	106.52 3.01 -76.17	139.16 5.27 -90.67	169.57 6.32 -111.85	130.56 6.40 -71.22	118.62 6.27 -60.53	150.01 5.92 -95.55	102.52 5.61 -50.49	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_7 23710	120.41 2.38 -96.75	154.65 2.45 -129.74	79.19 2.46 -54.13	45.36 2.40 -20.96	69.68 2.31 -46.14	106.52 3.01 -76.17	139.16 5.27 -90.67	169.57 6.32 -111.85	130.56 6.40 -71.22	118.62 6.27 -60.53	150.01 5.92 -95.55	102.52 5.61 -50.49	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_8 23711	120.41 2.38 -96.75	154.65 2.45 -129.74	79.19 2.46 -54.13	45.36 2.40 -20.96	69.68 2.31 -46.14	106.52 3.01 -76.17	139.16 5.27 -90.67	169.57 6.32 -111.85	130.56 6.40 -71.22	118.62 6.27 -60.53	150.01 5.92 -95.55	102.52 5.61 -50.49	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT_IC_9 23700	120.43 2.38 -96.77	154.67 2.45 -129.76	79.20 2.46 -54.14	45.36 2.40 -20.96	69.68 2.31 -46.15	106.54 3.01 -76.18	139.18 5.27 -90.69	169.60 6.32 -111.87	130.58 6.40 -71.24	118.63 6.27 -60.54	150.03 5.92 -95.57	102.53 5.61 -50.50	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT___1 23545	120.41 2.38 -96.75	154.65 2.45 -129.74	79.19 2.46 -54.13	45.36 2.40 -20.96	69.68 2.31 -46.14	106.52 3.01 -76.17	139.16 5.27 -90.67	169.57 6.32 -111.85	130.56 6.40 -71.22	118.62 6.27 -60.53	150.01 5.92 -95.55	102.52 5.61 -50.49	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BARRETT___2 23546	120.43 2.38 -96.77	154.67 2.45 -129.76	79.20 2.46 -54.14	45.36 2.40 -20.96	69.68 2.31 -46.15	106.54 3.01 -76.18	139.18 5.27 -90.69	169.60 6.32 -111.87	130.58 6.40 -71.24	118.63 6.27 -60.54	150.03 5.92 -95.57	102.53 5.61 -50.50	61.84 5.51 -11.92	58.12 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.33 6.51 -3.60	79.21 6.90 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.44 2.65 -31.71	54.70 2.00 -35.85
BAYONEEC___CTG1 323682	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50



BAYONEEC___CTG10 323750	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
BAYONEEC___CTG2 323683	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
BAYONEEC___CTG3 323684	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
BAYONEEC___CTG4 323685	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
BAYONEEC___CTG5 323686	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
BAYONEEC___CTG6 323687	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
BAYONEEC___CTG7 323688	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
BAYONEEC___CTG8 323689	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
BAYONEEC___CTG9 323749	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
BEACON___LESR 323632	41.08 1.49 -18.31	40.72 1.53 -16.73	38.76 1.51 -14.65	37.92 1.50 -14.42	39.53 1.46 -16.84	42.15 1.91 -12.89	45.72 2.51 0.00	54.38 2.98 0.00	56.01 3.07 0.00	54.88 3.06 0.00	51.41 2.86 0.00	49.10 2.69 0.00	47.12 2.71 0.00	51.40 2.38 -11.85	49.88 2.17 -14.24	50.14 2.17 -13.52	63.35 3.13 0.00	67.01 3.13 0.00	58.19 2.93 -6.37	56.69 2.15 -21.05	59.37 1.92 -25.99	56.41 1.62 -29.49	47.81 1.43 -24.30	45.46 0.99 -27.62
BEAVER RIVER___HYD 24048	20.98 -0.30 0.00	22.14 -0.31 0.00	22.26 -0.34 0.00	21.67 -0.33 0.00	20.88 -0.34 0.00	27.10 -0.25 0.00	43.31 0.09 0.00	51.40 0.00 0.00	53.41 0.48 0.00	52.50 0.67 0.00	48.64 0.10 0.00	46.41 0.00 0.00	44.50 0.09 0.00	36.80 -0.37 0.00	33.10 -0.37 0.00	33.93 -0.52 0.00	59.81 -0.42 0.00	63.50 -0.38 0.00	48.20 -0.68 0.00	32.78 -0.70 0.00	30.83 -0.63 0.00	24.66 -0.63 0.00	21.53 -0.55 0.00	16.44 -0.40 0.00
BEEBEE_GT_13 23619	23.09 0.06 -1.75	24.08 0.02 -1.59	23.97 -0.02 -1.40	23.35 -0.02 -1.37	22.83 0.00 -1.60	28.49 -0.08 -1.23	43.52 0.30 0.00	51.97 0.57 0.00	53.31 0.37 0.00	52.19 0.37 0.00	48.84 0.29 0.00	46.83 0.42 0.00	44.55 0.13 0.00	38.28 0.00 -1.10	34.82 0.03 -1.33	35.71 0.00 -1.26	59.62 -0.60 0.00	63.82 -0.06 0.00	49.34 -0.15 -0.60	35.77 0.27 -2.01	34.10 0.16 -2.49	28.54 0.43 -2.82	24.67 0.27 -2.32	19.57 0.08 -2.64
BETHLEHEM___GRP 23843	41.02 1.32 -18.42	40.68 1.39 -16.83	38.74 1.40 -14.73	37.85 1.34 -14.50	39.50 1.34 -16.94	42.01 1.70 -12.96	45.17 1.95 0.00	53.61 2.21 0.00	55.21 2.27 0.00	54.10 2.28 0.00	50.73 2.19 0.00	48.50 2.09 0.00	46.63 2.22 0.00	50.97 1.93 -11.87	49.47 1.74 -14.27	49.75 1.76 -13.55	62.64 2.41 0.00	66.18 2.30 0.00	57.51 2.25 -6.38	56.32 1.67 -21.16	59.03 1.45 -26.12	56.20 1.26 -29.64	47.72 1.21 -24.42	45.45 0.84 -27.76
BETHLEHEM___GS1 323560	41.02 1.32 -18.42	40.68 1.39 -16.83	38.74 1.40 -14.73	37.85 1.34 -14.50	39.50 1.34 -16.94	42.01 1.70 -12.96	45.17 1.95 0.00	53.61 2.21 0.00	55.21 2.27 0.00	54.10 2.28 0.00	50.73 2.19 0.00	48.50 2.09 0.00	46.63 2.22 0.00	50.97 1.93 -11.87	49.47 1.74 -14.27	49.75 1.76 -13.55	62.64 2.41 0.00	66.18 2.30 0.00	57.51 2.25 -6.38	56.32 1.67 -21.16	59.03 1.45 -26.12	56.20 1.26 -29.64	47.72 1.21 -24.42	45.45 0.84 -27.76
BETHLEHEM___GS2 323561	41.02 1.32 -18.42	40.68 1.39 -16.83	38.74 1.40 -14.73	37.85 1.34 -14.50	39.50 1.34 -16.94	42.01 1.70 -12.96	45.17 1.95 0.00	53.61 2.21 0.00	55.21 2.27 0.00	54.10 2.28 0.00	50.73 2.19 0.00	48.50 2.09 0.00	46.63 2.22 0.00	50.97 1.93 -11.87	49.47 1.74 -14.27	49.75 1.76 -13.55	62.64 2.41 0.00	66.18 2.30 0.00	57.51 2.25 -6.38	56.32 1.67 -21.16	59.03 1.45 -26.12	56.20 1.26 -29.64	47.72 1.21 -24.42	45.45 0.84 -27.76



BETHLEHEM___GS3 323562	41.02 1.32 -18.42	40.68 1.39 -16.83	38.74 1.40 -14.73	37.85 1.34 -14.50	39.50 1.34 -16.94	42.01 1.70 -12.96	45.17 1.95 0.00	53.61 2.21 0.00	55.21 2.27 0.00	54.10 2.28 0.00	50.73 2.19 0.00	48.50 2.09 0.00	46.63 2.22 0.00	50.97 1.93 -11.87	49.47 1.74 -14.27	49.75 1.76 -13.55	62.64 2.41 0.00	66.18 2.30 0.00	57.51 2.25 -6.38	56.32 1.67 -21.16	59.03 1.45 -26.12	56.20 1.26 -29.64	47.72 1.21 -24.42	45.45 0.84 -27.76
BETHLEHEM___STEEL 23779	24.09 0.34 -2.47	24.99 0.27 -2.26	24.76 0.18 -1.98	24.06 0.11 -1.95	23.71 0.21 -2.27	29.09 0.00 -1.74	44.13 0.91 0.00	52.27 0.87 0.00	53.84 0.90 0.00	52.70 0.88 0.00	49.46 0.92 0.00	47.39 0.98 0.00	45.04 0.62 0.00	39.15 0.41 -1.56	35.91 0.57 -1.88	36.61 0.38 -1.78	58.96 -1.27 0.00	63.18 -0.70 0.00	49.64 -0.10 -0.85	37.19 0.84 -2.86	35.34 0.35 -3.53	30.16 0.86 -4.01	25.98 0.60 -3.30	20.70 0.10 -3.76
BETHPAGE_CC_5 323564	61.65 2.51 -37.87	60.65 2.56 -35.63	48.76 2.58 -23.58	44.33 2.49 -19.84	46.96 2.40 -23.33	59.47 3.14 -28.98	74.78 5.40 -26.16	81.59 6.53 -23.66	77.93 6.62 -18.38	76.90 6.48 -18.59	73.33 6.12 -18.67	65.24 5.75 -13.07	59.54 5.55 -9.58	58.23 4.80 -16.26	58.18 4.35 -20.37	58.92 4.51 -19.96	70.63 6.80 -3.60	79.40 7.09 -8.43	73.72 6.31 -18.53	67.99 4.39 -30.11	63.02 3.84 -27.72	62.08 3.11 -33.67	56.45 2.67 -31.70	54.73 2.04 -35.85
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.38 0.59 -2.51	25.29 0.54 -2.29	25.06 0.45 -2.01	24.37 0.40 -1.98	24.00 0.47 -2.31	29.44 0.33 -1.77	44.64 1.42 0.00	52.89 1.49 0.00	54.42 1.48 0.00	53.27 1.45 0.00	50.05 1.51 0.00	47.80 1.39 0.00	45.44 1.02 0.00	39.54 0.78 -1.59	36.28 0.90 -1.91	36.99 0.72 -1.81	59.50 -0.72 0.00	63.76 -0.13 0.00	50.13 0.39 -0.86	37.55 1.17 -2.89	35.66 0.63 -3.57	30.43 1.09 -4.05	26.19 0.77 -3.34	20.89 0.25 -3.79
BINGHAMTON___COGEN 23790	26.72 0.72 -4.72	27.51 0.74 -4.31	27.12 0.74 -3.78	26.42 0.70 -3.72	26.29 0.72 -4.34	31.54 0.87 -3.32	44.82 1.60 0.00	53.15 1.75 0.00	54.68 1.74 0.00	53.53 1.71 0.00	50.19 1.65 0.00	47.94 1.53 0.00	45.84 1.42 0.00	41.35 1.19 -2.98	38.15 1.10 -3.59	38.89 1.03 -3.41	61.25 1.02 0.00	65.16 1.28 0.00	51.77 1.27 -1.61	40.13 1.20 -5.43	39.21 1.04 -6.71	33.92 1.01 -7.61	29.17 0.82 -6.27	24.51 0.54 -7.13
BLACK RIVER___HYD 24047	21.75 -0.06 -0.53	22.88 -0.07 -0.49	22.91 -0.11 -0.43	22.33 -0.09 -0.42	21.59 -0.13 -0.49	27.81 0.08 -0.38	43.91 0.69 0.00	52.02 0.62 0.00	54.21 1.27 0.00	53.38 1.55 0.00	49.27 0.73 0.00	47.06 0.65 0.00	45.12 0.71 0.00	37.55 0.04 -0.34	33.87 0.00 -0.41	34.67 -0.17 -0.39	60.22 0.00 0.00	64.08 0.19 0.00	48.78 -0.29 -0.18	33.70 -0.40 -0.61	31.90 -0.31 -0.76	25.80 -0.35 -0.86	22.48 -0.31 -0.71	17.36 -0.29 -0.81
BLISS_WT_PWR 323608	25.18 1.28 -2.63	26.11 1.26 -2.40	25.87 1.17 -2.10	25.17 1.10 -2.07	24.80 1.17 -2.41	30.43 1.23 -1.85	46.11 2.90 0.00	54.38 2.98 0.00	55.95 3.02 0.00	54.78 2.95 0.00	51.55 3.01 0.00	49.15 2.74 0.00	46.77 2.35 0.00	40.73 1.89 -1.66	37.37 1.91 -2.00	38.03 1.69 -1.90	60.95 0.73 0.00	65.29 1.40 0.00	51.39 1.61 -0.90	38.62 2.11 -3.02	36.57 1.38 -3.73	31.25 1.72 -4.23	26.89 1.32 -3.49	21.50 0.69 -3.96
BLUE_CIRC_CHEM_DRP 24182	40.56 1.38 -17.90	40.27 1.46 -16.35	38.38 1.47 -14.32	37.52 1.43 -14.09	39.08 1.40 -16.46	41.72 1.78 -12.60	45.64 2.42 0.00	54.23 2.83 0.00	55.79 2.86 0.00	54.67 2.85 0.00	51.26 2.72 0.00	48.96 2.55 0.00	46.99 2.58 0.00	50.82 2.23 -11.42	49.24 2.04 -13.73	49.55 2.07 -13.04	63.23 3.01 0.00	66.82 2.94 0.00	57.83 2.79 -6.16	56.15 2.04 -20.62	58.70 1.79 -25.45	55.72 1.54 -28.88	47.24 1.37 -23.79	44.87 0.98 -27.05
BOC_GAS_DRP 24189	40.75 1.13 -18.34	40.41 1.19 -16.76	38.47 1.20 -14.67	37.61 1.17 -14.45	39.22 1.12 -16.87	41.68 1.42 -12.91	45.29 2.07 0.00	53.87 2.47 0.00	55.37 2.44 0.00	54.26 2.44 0.00	50.92 2.38 0.00	48.68 2.27 0.00	46.68 2.26 0.00	50.87 1.97 -11.73	49.37 1.81 -14.10	49.66 1.82 -13.39	62.87 2.65 0.00	66.50 2.62 0.00	57.67 2.49 -6.29	56.33 1.81 -21.03	59.03 1.60 -25.97	56.10 1.34 -29.47	47.53 1.17 -24.27	45.28 0.84 -27.60
BORALEX_4TH_BRANCH 23824	41.98 1.92 -18.79	41.62 2.00 -17.17	39.62 1.99 -15.03	38.73 1.94 -14.80	40.39 1.89 -17.28	43.01 2.43 -13.22	47.24 4.02 0.00	56.29 4.89 0.00	57.97 5.03 0.00	56.75 4.93 0.00	53.30 4.76 0.00	50.91 4.50 0.00	48.77 4.36 0.00	52.87 3.68 -12.02	51.26 3.35 -14.45	51.58 3.41 -13.72	65.58 5.36 0.00	69.51 5.62 0.00	60.15 4.79 -6.46	58.43 3.35 -21.59	61.11 2.99 -26.66	58.00 2.45 -30.25	48.99 1.99 -24.92	46.62 1.45 -28.33
BOWLINE___1 23526	36.51 1.64 -13.59	36.52 1.64 -12.42	35.12 1.65 -10.87	34.31 1.61 -10.70	35.27 1.55 -12.50	38.94 2.02 -9.57	46.85 3.63 0.00	55.82 4.42 0.00	57.43 4.50 0.00	56.18 4.35 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.41 4.00 0.00	49.20 3.49 -8.54	46.94 3.21 -10.27	47.47 3.27 -9.75	64.80 4.57 0.00	68.74 4.85 0.00	58.09 4.49 -4.70	52.62 3.18 -15.95	53.86 2.71 -19.69	49.84 2.20 -22.35	42.30 1.81 -18.41	39.16 1.38 -20.93
BOWLINE___2 23595	36.51 1.64 -13.59	36.52 1.64 -12.42	35.12 1.65 -10.88	34.31 1.61 -10.71	35.27 1.55 -12.50	38.94 2.02 -9.57	46.85 3.63 0.00	55.82 4.42 0.00	57.43 4.50 0.00	56.18 4.35 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.41 4.00 0.00	49.20 3.49 -8.54	46.94 3.21 -10.27	47.47 3.27 -9.75	64.80 4.57 0.00	68.74 4.85 0.00	58.09 4.49 -4.70	52.62 3.18 -15.95	53.86 2.71 -19.70	49.84 2.20 -22.35	42.30 1.81 -18.41	39.16 1.38 -20.93
BROOKHAVEN___DRP 24191	57.62 2.79 -33.55	52.59 2.83 -27.30	46.79 2.85 -21.34	45.41 2.77 -20.64	45.67 2.65 -21.79	56.38 3.50 -25.53	70.70 6.05 -21.44	74.70 7.45 -15.85	74.21 7.57 -13.70	74.06 7.36 -14.88	67.35 6.94 -11.87	62.76 6.59 -9.76	60.05 6.26 -9.37	58.82 5.39 -16.26	58.76 4.92 -20.37	59.51 5.10 -19.96	71.65 7.83 -3.60	80.55 8.24 -8.43	74.60 7.19 -18.53	68.66 5.06 -30.11	63.65 4.47 -27.72	62.48 3.51 -33.67	56.79 3.00 -31.70	55.06 2.36 -35.85
BROOKLYN_NAVY_YARD 23515	37.14 1.87 -13.99	37.10 1.86 -12.78	35.66 1.87 -11.19	34.84 1.82 -11.01	35.83 1.74 -12.86	39.52 2.32 -9.84	47.50 4.28 0.00	56.85 5.45 0.00	58.49 5.56 0.00	57.32 5.49 0.00	53.74 5.20 0.00	51.38 4.97 0.00	49.26 4.84 0.00	50.12 4.16 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.66 3.78 -16.39	54.93 3.24 -20.23	50.83 2.58 -22.96	43.20 2.21 -18.91	40.05 1.70 -21.50
BROOKLYN___ARMY_DRP 323595	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51



BROOME_2_LFGE 323671	26.72 0.72 -4.72	27.51 0.74 -4.31	27.12 0.74 -3.78	26.42 0.70 -3.72	26.29 0.72 -4.34	31.54 0.87 -3.32	44.82 1.60 0.00	53.15 1.75 0.00	54.68 1.74 0.00	53.53 1.71 0.00	50.19 1.65 0.00	47.94 1.53 0.00	45.84 1.42 0.00	41.35 1.19 -2.98	38.15 1.10 -3.59	38.89 1.03 -3.41	61.25 1.02 0.00	65.16 1.28 0.00	51.77 1.27 -1.61	40.13 1.20 -5.43	39.21 1.04 -6.71	33.92 1.01 -7.61	29.17 0.82 -6.27	24.51 0.54 -7.13
BROOME___LFGE 323600	26.72 0.72 -4.72	27.51 0.74 -4.31	27.12 0.74 -3.78	26.42 0.70 -3.72	26.29 0.72 -4.34	31.54 0.87 -3.32	44.82 1.60 0.00	53.15 1.75 0.00	54.68 1.74 0.00	53.53 1.71 0.00	50.19 1.65 0.00	47.94 1.53 0.00	45.84 1.42 0.00	41.35 1.19 -2.98	38.15 1.10 -3.59	38.89 1.03 -3.41	61.25 1.02 0.00	65.16 1.28 0.00	51.77 1.27 -1.61	40.13 1.20 -5.43	39.21 1.04 -6.71	33.92 1.01 -7.61	29.17 0.82 -6.27	24.51 0.54 -7.13
BURROWS___LYONSDAL 23803	21.55 0.28 0.00	22.75 0.29 0.00	22.87 0.27 0.00	22.26 0.26 0.00	21.46 0.23 0.00	27.81 0.46 0.00	44.34 1.12 0.00	52.69 1.29 0.00	54.63 1.69 0.00	53.69 1.86 0.00	49.85 1.31 0.00	47.61 1.20 0.00	45.61 1.20 0.00	37.80 0.63 0.00	34.00 0.53 0.00	34.90 0.45 0.00	61.13 0.90 0.00	64.90 1.02 0.00	49.43 0.54 0.00	33.75 0.27 0.00	31.71 0.25 0.00	25.45 0.15 0.00	22.19 0.11 0.00	16.89 0.05 0.00
CAITHNESS_CC_1 323624	57.55 2.72 -33.55	52.50 2.76 -27.28	46.72 2.78 -21.34	45.35 2.71 -20.65	45.62 2.61 -21.79	56.28 3.42 -25.52	70.52 5.88 -21.42	74.49 7.25 -15.83	73.98 7.36 -13.69	73.85 7.15 -14.87	67.14 6.75 -11.85	62.61 6.45 -9.75	59.91 6.13 -9.37	58.71 5.28 -16.26	58.66 4.82 -20.37	59.40 4.99 -19.96	71.48 7.65 -3.60	80.29 7.98 -8.43	74.40 6.99 -18.53	68.52 4.92 -30.11	63.52 4.34 -27.72	62.41 3.44 -33.67	56.72 2.94 -31.70	55.00 2.31 -35.85
CALPINE BETH_PAGE_GT4 24209	63.40 2.47 -39.66	64.11 2.51 -39.14	49.62 2.51 -24.51	43.91 2.44 -19.47	47.53 2.33 -23.97	60.83 3.06 -30.42	76.70 5.36 -28.12	84.83 6.48 -26.95	79.90 6.62 -20.35	78.41 6.42 -20.16	76.15 6.07 -21.54	66.63 5.75 -14.47	59.63 5.55 -9.66	58.19 4.76 -16.26	58.18 4.35 -20.37	58.88 4.48 -19.96	70.63 6.80 -3.60	79.46 7.15 -8.43	73.72 6.31 -18.53	67.99 4.39 -30.11	63.02 3.84 -27.72	62.08 3.11 -33.67	56.45 2.67 -31.70	54.72 2.02 -35.85
CALPINE_BETH_PAGE_GT_4 323586	63.40 2.47 -39.66	64.11 2.51 -39.14	49.62 2.51 -24.51	43.91 2.44 -19.47	47.53 2.33 -23.97	60.83 3.06 -30.42	76.70 5.36 -28.12	84.83 6.48 -26.95	79.90 6.62 -20.35	78.41 6.42 -20.16	76.15 6.07 -21.54	66.63 5.75 -14.47	59.63 5.55 -9.66	58.19 4.76 -16.26	58.18 4.35 -20.37	58.88 4.48 -19.96	70.63 6.80 -3.60	79.46 7.15 -8.43	73.72 6.31 -18.53	67.99 4.39 -30.11	63.02 3.84 -27.72	62.08 3.11 -33.67	56.45 2.67 -31.70	54.72 2.02 -35.85
CALPINE_BP_GT1 23823	63.40 2.47 -39.66	64.11 2.51 -39.14	49.62 2.51 -24.51	43.91 2.44 -19.47	47.53 2.33 -23.97	60.83 3.06 -30.42	76.70 5.36 -28.12	84.83 6.48 -26.95	79.90 6.62 -20.35	78.41 6.42 -20.16	76.15 6.07 -21.54	66.63 5.75 -14.47	59.63 5.55 -9.66	58.19 4.76 -16.26	58.18 4.35 -20.37	58.88 4.48 -19.96	70.63 6.80 -3.60	79.46 7.15 -8.43	73.72 6.31 -18.53	67.99 4.39 -30.11	63.02 3.84 -27.72	62.08 3.11 -33.67	56.45 2.67 -31.70	54.72 2.02 -35.85
CALSPAN___DRP 24200	24.09 0.34 -2.47	24.99 0.27 -2.26	24.76 0.18 -1.98	24.06 0.11 -1.95	23.71 0.21 -2.27	29.09 0.00 -1.74	44.13 0.91 0.00	52.27 0.87 0.00	53.84 0.90 0.00	52.70 0.88 0.00	49.46 0.92 0.00	47.39 0.98 0.00	45.04 0.62 0.00	39.15 0.41 -1.56	35.91 0.57 -1.88	36.61 0.38 -1.78	58.96 -1.27 0.00	63.18 -0.70 0.00	49.64 -0.10 -0.85	37.19 0.84 -2.86	35.34 0.35 -3.53	30.16 0.86 -4.01	25.98 0.60 -3.30	20.70 0.10 -3.76
CANDIGU_WT_PWR 323617	25.33 0.81 -3.25	26.21 0.79 -2.97	25.94 0.74 -2.60	25.26 0.70 -2.56	24.95 0.74 -2.99	30.45 0.82 -2.29	45.08 1.86 0.00	53.40 2.00 0.00	54.90 1.96 0.00	53.69 1.86 0.00	50.29 1.74 0.00	48.03 1.62 0.00	45.75 1.33 0.00	40.27 1.04 -2.05	36.97 1.04 -2.47	37.65 0.86 -2.34	60.22 0.00 0.00	64.46 0.57 0.00	50.73 0.73 -1.11	38.44 1.20 -3.75	36.97 0.88 -4.63	31.63 1.09 -5.25	27.25 0.84 -4.33	22.22 0.45 -4.92
CARR STREET_E_SYR 24060	22.75 0.06 -1.41	23.81 0.07 -1.28	23.79 0.07 -1.12	23.17 0.07 -1.11	22.58 0.06 -1.29	28.45 0.11 -0.99	43.31 0.09 0.00	51.45 0.05 0.00	52.94 0.00 0.00	51.82 0.00 0.00	48.54 0.00 0.00	46.41 0.00 0.00	44.33 -0.09 0.00	37.95 -0.11 -0.89	34.47 -0.07 -1.07	35.33 -0.14 -1.01	59.74 -0.48 0.00	63.50 -0.38 0.00	49.13 -0.24 -0.48	35.14 0.03 -1.62	33.59 0.13 -2.00	27.74 0.18 -2.27	24.08 0.13 -1.87	19.02 0.05 -2.12
CARTHAGE___PAPER 23857	21.55 -0.17 -0.44	22.68 -0.18 -0.40	22.73 -0.23 -0.35	22.15 -0.20 -0.35	21.40 -0.23 -0.41	27.60 -0.05 -0.31	43.65 0.43 0.00	51.76 0.36 0.00	53.89 0.95 0.00	53.07 1.24 0.00	49.03 0.49 0.00	46.78 0.37 0.00	44.90 0.49 0.00	37.34 -0.11 -0.28	33.67 -0.13 -0.34	34.46 -0.31 -0.32	60.10 -0.12 0.00	63.88 0.00 0.00	48.60 -0.44 -0.15	33.46 -0.54 -0.51	31.62 -0.47 -0.63	25.53 -0.48 -0.71	22.25 -0.42 -0.59	17.16 -0.35 -0.67
CE_DUNWOOD___DRP 24194	37.08 1.83 -13.97	37.04 1.82 -12.76	35.60 1.83 -11.17	34.78 1.78 -11.00	35.79 1.72 -12.85	39.45 2.27 -9.83	47.28 4.06 0.00	56.44 5.04 0.00	58.02 5.08 0.00	56.80 4.98 0.00	53.40 4.85 0.00	51.05 4.64 0.00	48.90 4.48 0.00	49.85 3.90 -8.78	47.56 3.55 -10.55	48.12 3.65 -10.02	65.53 5.30 0.00	69.44 5.56 0.00	58.75 5.04 -4.83	53.37 3.52 -16.36	54.68 3.02 -20.20	50.67 2.45 -22.93	43.00 2.03 -18.89	39.86 1.55 -21.47
CE_MILLWOOD___DRP 24193	36.95 1.75 -13.93	36.93 1.75 -12.72	35.50 1.76 -11.14	34.68 1.72 -10.97	35.69 1.66 -12.81	39.31 2.16 -9.80	47.11 3.89 0.00	56.23 4.83 0.00	57.80 4.87 0.00	56.59 4.76 0.00	53.20 4.66 0.00	50.87 4.46 0.00	48.72 4.31 0.00	49.68 3.75 -8.75	47.40 3.41 -10.52	47.95 3.52 -9.99	65.28 5.06 0.00	69.18 5.30 0.00	58.54 4.84 -4.81	53.18 3.38 -16.32	54.49 2.89 -20.14	50.50 2.35 -22.86	42.86 1.94 -18.83	39.73 1.48 -21.41
CE_NYC2_DRP 24202	37.35 2.09 -13.99	37.28 2.04 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.71 4.49 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.38 4.97 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	65.95 5.72 0.00	69.70 5.81 0.00	59.24 5.52 -4.83	53.66 3.78 -16.39	54.90 3.21 -20.23	50.93 2.68 -22.96	43.41 2.41 -18.92	40.19 1.84 -21.51
CE_NYC_DRP 24195	37.24 1.98 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.01	35.91 1.83 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	56.95 5.55 0.00	58.60 5.67 0.00	57.37 5.55 0.00	53.88 5.34 0.00	51.51 5.11 0.00	49.39 4.97 0.00	50.27 4.31 -8.79	47.94 3.91 -10.57	48.54 4.06 -10.03	66.25 6.02 0.00	70.15 6.26 0.00	59.34 5.62 -4.83	53.79 3.92 -16.39	55.06 3.37 -20.23	50.96 2.71 -22.96	43.29 2.30 -18.91	40.10 1.75 -21.50



CHAFEE___LFGE 323603	24.38 0.55 -2.55	25.28 0.49 -2.33	25.04 0.41 -2.04	24.36 0.35 -2.01	23.99 0.42 -2.34	29.41 0.27 -1.79	44.64 1.42 0.00	52.84 1.44 0.00	54.42 1.48 0.00	53.27 1.45 0.00	50.05 1.51 0.00	47.89 1.48 0.00	45.53 1.11 0.00	39.60 0.82 -1.61	36.34 0.94 -1.94	37.04 0.76 -1.84	59.56 -0.66 0.00	63.82 -0.06 0.00	50.20 0.44 -0.87	37.63 1.20 -2.94	35.75 0.66 -3.63	30.50 1.09 -4.12	26.27 0.79 -3.39	20.94 0.24 -3.86
CHATEAUG_WT_PWR 323614	20.49 -0.79 0.00	21.70 -0.76 0.00	21.81 -0.79 0.00	21.19 -0.81 0.00	20.40 -0.83 0.00	26.31 -1.04 0.00	41.83 -1.38 0.00	50.06 -1.34 0.00	51.72 -1.22 0.00	50.43 -1.40 0.00	47.18 -1.36 0.00	45.11 -1.30 0.00	43.17 -1.24 0.00	36.17 -1.00 0.00	32.46 -1.00 0.00	33.42 -1.03 0.00	59.20 -1.02 0.00	62.74 -1.15 0.00	47.52 -1.37 0.00	32.18 -1.31 0.00	30.08 -1.38 0.00	23.83 -1.47 0.00	20.76 -1.32 0.00	15.98 -0.86 0.00
CHAT_HIGH_FALL_HYD 323578	20.45 -0.83 0.00	21.65 -0.81 0.00	21.76 -0.84 0.00	21.14 -0.86 0.00	20.33 -0.89 0.00	26.25 -1.09 0.00	41.70 -1.51 0.00	49.96 -1.44 0.00	51.62 -1.32 0.00	50.32 -1.50 0.00	47.04 -1.51 0.00	45.02 -1.39 0.00	43.08 -1.33 0.00	36.13 -1.04 0.00	32.39 -1.07 0.00	33.35 -1.10 0.00	59.08 -1.15 0.00	62.61 -1.28 0.00	47.37 -1.52 0.00	32.11 -1.37 0.00	29.98 -1.48 0.00	23.70 -1.59 0.00	20.67 -1.41 0.00	15.92 -0.93 0.00
CHAUTAUQUA___LFGE 323629	24.50 0.70 -2.52	25.42 0.65 -2.30	25.18 0.57 -2.02	24.47 0.48 -1.99	24.09 0.55 -2.32	29.59 0.46 -1.78	44.99 1.77 0.00	53.25 1.85 0.00	54.68 1.74 0.00	53.43 1.61 0.00	50.14 1.60 0.00	47.85 1.44 0.00	45.44 1.02 0.00	39.47 0.70 -1.60	36.18 0.80 -1.92	36.92 0.65 -1.82	59.44 -0.78 0.00	63.69 -0.19 0.00	50.05 0.30 -0.86	37.47 1.07 -2.91	35.62 0.57 -3.60	30.41 1.04 -4.08	26.17 0.73 -3.36	20.85 0.19 -3.82
CH_MIDHUDSON___DRP 24192	38.06 1.85 -14.93	37.94 1.84 -13.64	36.42 1.87 -11.95	35.58 1.82 -11.76	36.74 1.78 -13.73	40.18 2.32 -10.51	47.28 4.06 0.00	56.29 4.89 0.00	57.91 4.97 0.00	56.65 4.82 0.00	53.35 4.81 0.00	51.01 4.60 0.00	48.81 4.40 0.00	50.19 3.87 -9.15	48.01 3.55 -11.00	48.51 3.62 -10.44	65.41 5.18 0.00	69.38 5.49 0.00	58.98 5.04 -5.05	54.42 3.42 -17.51	55.97 2.89 -21.62	52.23 2.40 -24.53	44.28 1.99 -20.21	41.30 1.48 -22.98
CH_MISC_IPPS 23765	37.45 1.87 -14.30	37.38 1.86 -13.06	35.94 1.90 -11.44	35.08 1.82 -11.26	36.20 1.83 -13.15	39.79 2.38 -10.06	47.33 4.11 0.00	56.23 4.83 0.00	57.91 4.97 0.00	56.54 4.72 0.00	53.30 4.76 0.00	50.96 4.55 0.00	48.77 4.36 0.00	49.87 3.83 -8.86	47.67 3.55 -10.66	48.18 3.62 -10.12	65.34 5.12 0.00	69.38 5.49 0.00	58.87 5.08 -4.90	53.77 3.48 -16.80	55.12 2.93 -20.73	51.25 2.43 -23.53	43.47 2.01 -19.38	40.36 1.48 -22.04
CH_RES_BVR_FALLS 23983	20.13 -0.36 0.78	21.41 -0.34 0.72	21.68 -0.29 0.63	21.10 -0.29 0.62	20.23 -0.28 0.72	26.44 -0.36 0.55	42.70 -0.52 0.00	50.84 -0.56 0.00	52.41 -0.53 0.00	51.26 -0.57 0.00	48.01 -0.53 0.00	45.85 -0.55 0.00	43.84 -0.58 0.00	36.13 -0.56 0.48	32.31 -0.57 0.58	33.28 -0.62 0.55	59.32 -0.90 0.00	62.86 -1.02 0.00	47.65 -0.98 0.26	31.78 -0.80 0.90	29.59 -0.76 1.11	23.35 -0.68 1.26	20.47 -0.57 1.04	15.26 -0.40 1.18
CH_RES_NIAGARA 23895	22.74 -0.85 -2.31	23.59 -0.99 -2.11	23.39 -1.06 -1.85	22.74 -1.08 -1.82	22.40 -0.95 -2.13	27.45 -1.53 -1.63	41.49 -1.73 0.00	49.19 -2.21 0.00	50.66 -2.27 0.00	49.65 -2.17 0.00	46.51 -2.04 0.00	44.50 -1.90 0.00	42.33 -2.09 0.00	36.78 -1.86 -1.46	33.72 -1.51 -1.76	34.47 -1.65 -1.67	55.65 -4.58 0.00	59.60 -4.28 0.00	46.84 -2.84 -0.79	35.06 -1.10 -2.67	33.41 -1.35 -3.30	28.53 -0.51 -3.74	24.63 -0.53 -3.08	19.56 -0.79 -3.51
CH_RES_SYRACUSE 23985	22.94 0.17 -1.50	24.00 0.18 -1.37	23.96 0.16 -1.20	23.33 0.16 -1.18	22.77 0.17 -1.38	28.65 0.25 -1.05	43.52 0.30 0.00	51.71 0.31 0.00	53.15 0.21 0.00	52.03 0.21 0.00	48.74 0.19 0.00	46.55 0.14 0.00	44.50 0.09 0.00	38.16 0.04 -0.95	34.63 0.03 -1.14	35.53 0.00 -1.08	59.93 -0.30 0.00	63.76 -0.13 0.00	49.35 -0.05 -0.51	35.38 0.17 -1.72	33.84 0.25 -2.13	27.99 0.28 -2.41	24.31 0.24 -1.99	19.22 0.12 -2.26
CLINTON_WT_PWR 323605	20.49 -0.79 0.00	21.70 -0.76 0.00	21.81 -0.79 0.00	21.19 -0.81 0.00	20.40 -0.83 0.00	26.31 -1.04 0.00	41.83 -1.38 0.00	50.06 -1.34 0.00	51.72 -1.22 0.00	50.43 -1.40 0.00	47.18 -1.36 0.00	45.11 -1.30 0.00	43.17 -1.24 0.00	36.17 -1.00 0.00	32.46 -1.00 0.00	33.42 -1.03 0.00	59.20 -1.02 0.00	62.74 -1.15 0.00	47.52 -1.37 0.00	32.18 -1.31 0.00	30.08 -1.38 0.00	23.83 -1.47 0.00	20.76 -1.32 0.00	15.98 -0.86 0.00
CLINTON___LFGE 323618	20.68 -0.60 0.00	21.92 -0.54 0.00	22.04 -0.56 0.00	21.38 -0.62 0.00	20.57 -0.66 0.00	26.55 -0.79 0.00	42.27 -0.95 0.00	50.63 -0.77 0.00	52.36 -0.58 0.00	50.94 -0.88 0.00	47.62 -0.92 0.00	45.58 -0.83 0.00	43.57 -0.85 0.00	36.54 -0.63 0.00	32.76 -0.70 0.00	33.69 -0.76 0.00	59.62 -0.60 0.00	63.18 -0.70 0.00	47.91 -0.98 0.00	32.52 -0.97 0.00	30.33 -1.13 0.00	23.88 -1.42 0.00	20.80 -1.28 0.00	16.03 -0.81 0.00
COLONIE_LFGE___ 323577	42.09 1.68 -19.13	41.69 1.75 -17.48	39.67 1.76 -15.30	38.78 1.72 -15.07	40.47 1.66 -17.59	42.97 2.16 -13.47	46.68 3.46 0.00	55.56 4.16 0.00	57.28 4.34 0.00	56.08 4.25 0.00	52.62 4.08 0.00	50.31 3.90 0.00	48.19 3.77 0.00	52.67 3.23 -12.26	51.11 2.91 -14.74	51.37 2.93 -14.00	64.80 4.57 0.00	68.68 4.79 0.00	59.59 4.11 -6.59	58.31 2.84 -21.98	61.18 2.58 -27.14	58.19 2.10 -30.79	49.22 1.77 -25.37	46.91 1.23 -28.84
COPENHAGEN_WT_PWR 323753	21.79 -0.08 -0.60	22.91 -0.09 -0.54	22.94 -0.13 -0.48	22.36 -0.11 -0.47	21.62 -0.15 -0.55	27.79 0.03 -0.42	43.78 0.56 0.00	51.86 0.46 0.00	53.94 1.00 0.00	53.12 1.30 0.00	49.13 0.58 0.00	46.87 0.46 0.00	44.99 0.58 0.00	37.52 -0.04 -0.38	33.85 -0.07 -0.46	34.64 -0.24 -0.43	60.10 -0.12 0.00	63.88 0.00 0.00	48.70 -0.39 -0.20	33.74 -0.44 -0.69	31.96 -0.35 -0.85	25.90 -0.35 -0.96	22.57 -0.31 -0.79	17.46 -0.29 -0.90
CORNELL_____ 23752	25.30 0.81 -3.22	26.23 0.83 -2.94	25.99 0.81 -2.57	25.32 0.79 -2.53	24.97 0.79 -2.96	30.65 1.04 -2.26	45.12 1.90 0.00	53.61 2.21 0.00	55.21 2.27 0.00	54.10 2.28 0.00	50.63 2.09 0.00	48.36 1.95 0.00	46.19 1.78 0.00	40.58 1.38 -2.03	37.18 1.27 -2.45	37.98 1.21 -2.32	61.85 1.63 0.00	65.87 1.98 0.00	51.60 1.61 -1.10	38.54 1.34 -3.71	37.26 1.23 -4.58	31.57 1.09 -5.19	27.24 0.88 -4.28	22.28 0.57 -4.86
COXSACKIE___GT 23611	38.54 2.06 -15.20	38.39 2.04 -13.88	36.81 2.06 -12.16	35.95 1.98 -11.97	37.30 2.10 -13.98	40.73 2.68 -10.70	47.28 4.06 0.00	55.72 4.32 0.00	57.49 4.55 0.00	55.97 4.15 0.00	52.91 4.37 0.00	50.54 4.13 0.00	48.32 3.91 0.00	50.24 3.57 -9.50	48.23 3.35 -11.42	48.64 3.34 -10.85	64.62 4.39 0.00	68.87 4.99 0.00	58.91 4.74 -5.28	54.63 3.18 -17.96	56.21 2.58 -22.17	52.70 2.25 -25.16	44.73 1.92 -20.73	41.77 1.36 -23.56



CPV_VALLEY___CC1 323721	34.79	34.92	33.71	32.94	33.71	37.57	46.16	54.95	56.54	55.35	51.99	49.71	47.66	47.65	45.25	45.81	63.84	67.65	56.68	50.34	51.31	47.13	40.09	36.74
	1.32	1.32	1.36	1.34	1.27	1.64	2.94	3.54	3.60	3.53	3.45	3.30	3.24	2.82	2.58	2.62	3.61	3.77	3.57	2.51	2.14	1.74	1.46	1.08
	-12.19	-11.14	-9.75	-9.60	-11.21	-8.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.66	-9.21	-8.74	0.00	0.00	-4.23	-14.34	-17.71	-20.09	-16.55	-18.82
CPV_VALLEY___CC2 323722	34.79	34.92	33.71	32.94	33.71	37.57	46.16	54.95	56.54	55.35	51.99	49.71	47.66	47.65	45.25	45.81	63.84	67.65	56.68	50.34	51.31	47.13	40.09	36.74
	1.32	1.32	1.36	1.34	1.27	1.64	2.94	3.54	3.60	3.53	3.45	3.30	3.24	2.82	2.58	2.62	3.61	3.77	3.57	2.51	2.14	1.74	1.46	1.08
	-12.19	-11.14	-9.75	-9.60	-11.21	-8.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.66	-9.21	-8.74	0.00	0.00	-4.23	-14.34	-17.71	-20.09	-16.55	-18.82
CRESCENT___HYD 24018	42.09	41.69	39.67	38.78	40.47	42.97	46.68	55.56	57.28	56.08	52.62	50.31	48.19	52.67	51.11	51.37	64.80	68.68	59.59	58.31	61.18	58.19	49.22	46.91
	1.68	1.75	1.76	1.72	1.66	2.16	3.46	4.16	4.34	4.25	4.08	3.90	3.77	3.23	2.91	2.93	4.57	4.79	4.11	2.84	2.58	2.10	1.77	1.23
	-19.13	-17.48	-15.30	-15.07	-17.59	-13.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.26	-14.74	-14.00	0.00	0.00	-6.59	-21.98	-27.14	-30.79	-25.37	-28.84
CRUCIBLE_METL_DRP 24180	22.94	24.00	23.96	23.33	22.77	28.65	43.52	51.71	53.15	52.03	48.74	46.55	44.50	38.16	34.63	35.53	59.93	63.76	49.35	35.38	33.84	27.99	24.31	19.22
	0.17	0.18	0.16	0.16	0.17	0.25	0.30	0.31	0.21	0.21	0.19	0.14	0.09	0.04	0.03	0.00	-0.30	-0.13	-0.05	0.17	0.25	0.28	0.24	0.12
	-1.50	-1.37	-1.20	-1.18	-1.38	-1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	-1.14	-1.08	0.00	0.00	-0.51	-1.72	-2.13	-2.41	-1.99	-2.26
DANC___LFGE 323619	21.95	23.05	23.05	22.47	21.78	27.81	43.26	51.25	53.10	52.19	48.45	46.27	44.37	37.36	33.79	34.56	59.50	63.18	48.38	33.89	32.25	26.28	22.90	17.83
	-0.15	-0.16	-0.20	-0.18	-0.19	-0.11	0.04	-0.15	0.16	0.37	-0.10	-0.14	-0.04	-0.34	-0.30	-0.48	-0.72	-0.70	-0.78	-0.54	-0.38	-0.33	-0.26	-0.25
	-0.82	-0.75	-0.65	-0.64	-0.75	-0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.62	-0.59	0.00	0.00	-0.28	-0.94	-1.16	-1.32	-1.09	-1.24
DANSKAMMER___1 23586	37.45	37.38	35.94	35.08	36.20	39.79	47.33	56.23	57.91	56.54	53.30	50.96	48.77	49.87	47.67	48.18	65.34	69.38	58.87	53.77	55.12	51.25	43.47	40.36
	1.87	1.86	1.90	1.82	1.83	2.38	4.11	4.83	4.97	4.72	4.76	4.55	4.36	3.83	3.55	3.62	5.12	5.49	5.08	3.48	2.93	2.43	2.01	1.48
	-14.30	-13.06	-11.44	-11.26	-13.15	-10.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.86	-10.66	-10.12	0.00	0.00	-4.90	-16.80	-20.73	-23.53	-19.38	-22.04
DANSKAMMER___2 23589	37.45	37.38	35.94	35.08	36.20	39.79	47.33	56.23	57.91	56.54	53.30	50.96	48.77	49.87	47.67	48.18	65.34	69.38	58.87	53.77	55.12	51.25	43.47	40.36
	1.87	1.86	1.90	1.82	1.83	2.38	4.11	4.83	4.97	4.72	4.76	4.55	4.36	3.83	3.55	3.62	5.12	5.49	5.08	3.48	2.93	2.43	2.01	1.48
	-14.30	-13.06	-11.44	-11.26	-13.15	-10.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.86	-10.66	-10.12	0.00	0.00	-4.90	-16.80	-20.73	-23.53	-19.38	-22.04
DANSKAMMER___3 23590	37.45	37.38	35.94	35.08	36.20	39.79	47.33	56.23	57.91	56.54	53.30	50.96	48.77	49.87	47.67	48.18	65.34	69.38	58.87	53.77	55.12	51.25	43.47	40.36
	1.87	1.86	1.90	1.82	1.83	2.38	4.11	4.83	4.97	4.72	4.76	4.55	4.36	3.83	3.55	3.62	5.12	5.49	5.08	3.48	2.93	2.43	2.01	1.48
	-14.30	-13.06	-11.44	-11.26	-13.15	-10.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.86	-10.66	-10.12	0.00	0.00	-4.90	-16.80	-20.73	-23.53	-19.38	-22.04
DANSKAMMER___4 23591	37.45	37.38	35.94	35.08	36.20	39.79	47.33	56.23	57.91	56.54	53.30	50.96	48.77	49.87	47.67	48.18	65.34	69.38	58.87	53.77	55.12	51.25	43.47	40.36
	1.87	1.86	1.90	1.82	1.83	2.38	4.11	4.83	4.97	4.72	4.76	4.55	4.36	3.83	3.55	3.62	5.12	5.49	5.08	3.48	2.93	2.43	2.01	1.48
	-14.30	-13.06	-11.44	-11.26	-13.15	-10.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.86	-10.66	-10.12	0.00	0.00	-4.90	-16.80	-20.73	-23.53	-19.38	-22.04
DANSKAMMER___DIESEL 23592	37.45	37.38	35.94	35.08	36.20	39.79	47.33	56.23	57.91	56.54	53.30	50.96	48.77	49.87	47.67	48.18	65.34	69.38	58.87	53.77	55.12	51.25	43.47	40.36
	1.87	1.86	1.90	1.82	1.83	2.38	4.11	4.83	4.97	4.72	4.76	4.55	4.36	3.83	3.55	3.62	5.12	5.49	5.08	3.48	2.93	2.43	2.01	1.48
	-14.30	-13.06	-11.44	-11.26	-13.15	-10.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.86	-10.66	-10.12	0.00	0.00	-4.90	-16.80	-20.73	-23.53	-19.38	-22.04
DASHVILLE___HYD 23610	37.07	37.00	35.56	34.72	35.83	39.34	46.72	55.52	57.12	55.76	52.57	50.26	48.10	49.28	47.14	47.64	64.02	67.91	57.76	53.09	54.59	50.88	43.16	40.21
	1.60	1.57	1.60	1.54	1.55	2.00	3.50	4.11	4.18	3.94	4.03	3.85	3.68	3.27	3.04	3.10	3.80	4.03	3.91	2.68	2.23	1.87	1.55	1.16
	-14.20	-12.97	-11.36	-11.18	-13.06	-9.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.84	-10.63	-10.09	0.00	0.00	-4.96	-16.93	-20.89	-23.71	-19.53	-22.21
DELAWARE___LFGE 323621	28.44	29.17	28.59	27.91	27.89	32.97	45.59	54.23	55.90	54.88	51.31	49.01	46.95	43.08	39.99	40.73	62.87	66.57	53.39	42.33	41.76	36.53	31.36	26.92
	1.00	1.08	1.06	1.06	1.00	1.29	2.38	2.83	2.96	3.06	2.77	2.60	2.53	2.01	1.84	1.82	2.65	2.68	2.39	1.74	1.54	1.29	1.08	0.76
	-6.16	-5.63	-4.93	-4.85	-5.67	-4.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.90	-4.69	-4.45	0.00	0.00	-2.11	-7.10	-8.76	-9.94	-8.19	-9.31
DOGLEVILLE___HYD 23807	21.98	23.31	23.56	22.99	22.19	28.92	46.37	55.15	56.96	55.97	52.38	50.08	47.84	39.58	35.48	36.45	63.84	67.52	51.38	34.82	32.53	26.00	22.73	17.08
	1.15	1.26	1.31	1.34	1.38	1.89	3.15	3.75	4.02	4.15	3.83	3.67	3.42	2.68	2.34	2.31	3.61	3.64	2.64	1.84	1.70	1.42	1.24	0.91
	0.44	0.40	0.35	0.35	0.41	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.33	0.31	0.00	0.00	0.15	0.51	0.63	0.71	0.59	0.67
DUNKIRK___1 23563	24.46	25.37	25.13	24.42	24.05	29.53	44.90	53.20	54.63	53.38	50.10	47.85	45.44	39.47	36.18	36.92	59.38	63.63	50.00	37.44	35.62	30.38	26.17	20.85
	0.66	0.61	0.52	0.44	0.51	0.41	1.68	1.80	1.69	1.55	1.55	1.44	1.02	0.70	0.80	0.65	-0.84	-0.25	0.25	1.04	0.57	1.01	0.73	0.19
	-2.52	-2.30	-2.01	-1.98	-2.32	-1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.59	-1.91	-1.82	0.00	0.00	-0.86	-2.91	-3.59	-4.08	-3.36	-3.82
DUNKIRK___2 23564	24.46	25.37	25.13	24.42	24.05	29.53	44.90	53.20	54.63	53.38	50.10	47.85	45.44	39.47	36.18	36.92	59.38	63.63	50.00	37.44	35.62	30.38	26.17	20.85
	0.66	0.61	0.52	0.44	0.51	0.41	1.68	1.80	1.69	1.55	1.55	1.44	1.02	0.70	0.80	0.65	-0.84	-0.25	0.25	1.04	0.57	1.01	0.73	0.19
	-2.52	-2.30	-2.01	-1.98	-2.32	-1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.59	-1.91	-1.82	0.00	0.00	-0.86	-2.91	-3.59	-4.08	-3.36	-3.82



DUNKIRK___3 23565	24.33 0.55 -2.50	25.23 0.49 -2.28	25.00 0.41 -2.00	24.32 0.35 -1.97	23.94 0.42 -2.30	29.38 0.27 -1.76	44.64 1.42 0.00	52.89 1.49 0.00	54.37 1.43 0.00	53.17 1.35 0.00	49.90 1.36 0.00	47.71 1.30 0.00	45.30 0.89 0.00	39.34 0.59 -1.58	36.10 0.74 -1.90	36.84 0.59 -1.80	59.26 -0.97 0.00	63.50 -0.38 0.00	49.89 0.15 -0.85	37.35 0.97 -2.89	35.52 0.50 -3.56	30.30 0.96 -4.04	26.10 0.69 -3.33	20.80 0.17 -3.79
DUNKIRK___4 23566	24.33 0.55 -2.50	25.23 0.49 -2.28	25.00 0.41 -2.00	24.32 0.35 -1.97	23.94 0.42 -2.30	29.38 0.27 -1.76	44.64 1.42 0.00	52.89 1.49 0.00	54.37 1.43 0.00	53.17 1.35 0.00	49.90 1.36 0.00	47.71 1.30 0.00	45.30 0.89 0.00	39.34 0.59 -1.58	36.10 0.74 -1.90	36.84 0.59 -1.80	59.26 -0.97 0.00	63.50 -0.38 0.00	49.89 0.15 -0.85	37.35 0.97 -2.89	35.52 0.50 -3.56	30.30 0.96 -4.04	26.10 0.69 -3.33	20.80 0.17 -3.79
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.18 1.92 -13.99	37.14 1.91 -12.78	35.71 1.92 -11.19	34.88 1.87 -11.01	35.89 1.80 -12.86	39.57 2.38 -9.84	47.46 4.24 0.00	56.70 5.30 0.00	58.34 5.40 0.00	57.11 5.29 0.00	53.64 5.10 0.00	51.28 4.87 0.00	49.17 4.75 0.00	50.05 4.09 -8.79	47.74 3.71 -10.57	48.34 3.86 -10.03	65.88 5.66 0.00	69.76 5.87 0.00	59.05 5.33 -4.83	53.59 3.72 -16.39	54.90 3.21 -20.23	50.83 2.58 -22.96	43.13 2.14 -18.91	39.98 1.63 -21.50
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.67 1.64 -13.76	36.67 1.64 -12.57	35.28 1.67 -11.00	34.46 1.63 -10.83	35.47 1.59 -12.65	39.11 2.08 -9.68	46.85 3.63 0.00	55.77 4.37 0.00	57.38 4.45 0.00	56.12 4.30 0.00	52.82 4.27 0.00	50.45 4.04 0.00	48.32 3.91 0.00	49.20 3.46 -8.57	46.94 3.18 -10.30	47.47 3.24 -9.78	64.68 4.46 0.00	68.61 4.73 0.00	58.04 4.40 -4.75	52.78 3.08 -16.21	54.09 2.61 -20.02	50.16 2.15 -22.72	42.56 1.77 -18.71	39.45 1.33 -21.28
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.46 2.19 -14.00	37.40 2.16 -12.79	35.99 2.19 -11.20	35.16 2.13 -11.02	36.15 2.06 -12.87	39.90 2.71 -9.84	47.80 4.58 0.00	56.85 5.45 0.00	58.01 5.08 0.01	56.90 5.08 0.01	53.54 5.00 0.01	51.15 4.74 0.00	49.03 4.62 0.00	49.89 3.94 -8.78	47.60 3.58 -10.56	48.20 3.72 -10.03	65.65 5.42 0.00	69.30 5.43 0.01	58.99 5.28 -4.82	53.49 3.62 -16.38	54.73 3.05 -20.22	50.91 2.66 -22.96	43.43 2.43 -18.92	40.12 1.77 -21.51
EAST HAMPTON___GT 23717	58.80 3.96 -33.57	53.83 4.04 -27.33	48.00 4.04 -21.35	46.56 3.92 -20.64	46.78 3.76 -21.80	57.75 4.87 -25.54	73.23 8.56 -21.45	78.03 10.75 -15.88	77.61 10.96 -13.72	77.34 10.62 -14.89	70.38 9.95 -11.89	65.65 9.47 -9.77	62.67 8.89 -9.37	61.05 7.62 -16.26	60.73 6.89 -20.37	61.54 7.13 -19.96	75.57 11.75 -3.60	85.03 12.72 -8.43	77.97 10.56 -18.53	71.04 7.44 -30.11	65.76 6.58 -27.72	64.15 5.18 -33.67	58.07 4.28 -31.70	55.97 3.27 -35.85
EAST RIVER___6 23660	37.18 1.92 -13.99	37.12 1.89 -12.78	35.69 1.90 -11.19	34.86 1.85 -11.01	35.87 1.78 -12.86	39.57 2.38 -9.84	47.54 4.32 0.00	56.85 5.45 0.00	58.49 5.56 0.00	57.32 5.49 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.34 4.93 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.86 2.61 -22.96	43.22 2.23 -18.91	40.05 1.70 -21.50
EAST RIVER___7 23524	37.18 1.92 -13.99	37.12 1.89 -12.78	35.69 1.90 -11.19	34.86 1.85 -11.01	35.87 1.78 -12.86	39.57 2.38 -9.84	47.54 4.32 0.00	56.85 5.45 0.00	58.49 5.56 0.00	57.32 5.49 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.34 4.93 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.86 2.61 -22.96	43.22 2.23 -18.91	40.05 1.70 -21.50
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.08 1.83 -13.97	37.04 1.82 -12.76	35.60 1.83 -11.17	34.78 1.78 -11.00	35.79 1.72 -12.85	39.45 2.27 -9.83	47.28 4.06 0.00	56.44 5.04 0.00	58.02 5.08 0.00	56.80 4.98 0.00	53.40 4.85 0.00	51.05 4.64 0.00	48.90 4.48 0.00	49.85 3.90 -8.78	47.56 3.55 -10.55	48.12 3.65 -10.02	65.53 5.30 0.00	69.44 5.56 0.00	58.75 5.04 -4.83	53.37 3.52 -16.36	54.68 3.02 -20.20	50.67 2.45 -22.93	43.00 2.03 -18.89	39.86 1.55 -21.47
EAST_HAMPTON___DIESEL 23722	58.80 3.96 -33.57	53.83 4.04 -27.33	48.00 4.04 -21.35	46.56 3.92 -20.64	46.78 3.76 -21.80	57.75 4.87 -25.54	73.23 8.56 -21.45	78.03 10.75 -15.88	77.61 10.96 -13.72	77.34 10.62 -14.89	70.38 9.95 -11.89	65.65 9.47 -9.77	62.67 8.89 -9.37	61.05 7.62 -16.26	60.73 6.89 -20.37	61.54 7.13 -19.96	75.63 11.81 -3.60	85.03 12.72 -8.43	77.97 10.56 -18.53	71.04 7.44 -30.11	65.76 6.58 -27.72	64.15 5.18 -33.67	58.07 4.28 -31.70	55.97 3.27 -35.85
EAST_RIVER___1 323558	37.24 1.98 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.01	35.91 1.83 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	56.95 5.55 0.00	58.60 5.67 0.00	57.37 5.55 0.00	53.88 5.34 0.00	51.51 5.11 0.00	49.39 4.97 0.00	50.27 4.31 -8.79	47.94 3.91 -10.57	48.54 4.06 -10.03	66.25 6.02 0.00	70.15 6.26 0.00	59.34 5.62 -4.83	53.79 3.92 -16.39	55.06 3.37 -20.23	50.96 2.71 -22.96	43.29 2.30 -18.91	40.10 1.75 -21.50
EAST_RIVER___2 323559	37.18 1.92 -13.99	37.12 1.89 -12.78	35.69 1.90 -11.19	34.86 1.85 -11.01	35.87 1.78 -12.86	39.57 2.38 -9.84	47.54 4.32 0.00	56.85 5.45 0.00	58.49 5.56 0.00	57.32 5.49 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.34 4.93 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.86 2.61 -22.96	43.22 2.23 -18.91	40.05 1.70 -21.50
EAST___DELAWARE_HYD 23607	35.62 1.72 -12.62	35.67 1.69 -11.53	34.41 1.72 -10.09	33.63 1.69 -9.94	34.50 1.68 -11.60	38.42 2.19 -8.88	47.06 3.85 0.00	55.82 4.42 0.00	57.54 4.60 0.00	56.23 4.40 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.37 3.95 0.00	48.51 3.46 -7.88	46.12 3.18 -9.47	46.68 3.24 -8.99	64.62 4.39 0.00	68.61 4.73 0.00	57.67 4.40 -4.38	51.46 3.05 -14.93	52.44 2.55 -18.43	48.36 2.15 -20.92	41.10 1.79 -17.23	37.76 1.33 -19.59
ELEC_TRO_TEK 24086	70.36 2.25 -46.83	80.17 2.29 -55.41	53.14 2.31 -28.23	41.20 2.25 -16.96	49.73 2.14 -26.36	66.33 2.82 -36.17	84.17 4.97 -35.98	99.66 6.06 -42.20	88.56 6.14 -29.49	85.24 6.01 -27.41	89.15 5.77 -34.83	72.82 5.47 -20.94	59.77 5.28 -10.07	57.96 4.53 -16.26	57.98 4.15 -20.37	58.68 4.27 -19.96	70.15 6.32 -3.60	78.95 6.64 -8.43	73.33 5.91 -18.53	67.72 4.12 -30.11	62.76 3.59 -27.72	61.88 2.91 -33.67	56.28 2.49 -31.70	54.60 1.90 -35.85
ELLENBURG_WT_PWR 323604	20.49 -0.79 0.00	21.70 -0.76 0.00	21.81 -0.79 0.00	21.19 -0.81 0.00	20.40 -0.83 0.00	26.31 -1.04 0.00	41.83 -1.38 0.00	50.06 -1.34 0.00	51.72 -1.22 0.00	50.43 -1.40 0.00	47.18 -1.36 0.00	45.11 -1.30 0.00	43.17 -1.24 0.00	36.17 -1.00 0.00	32.46 -1.00 0.00	33.42 -1.03 0.00	59.20 -1.02 0.00	62.74 -1.15 0.00	47.52 -1.37 0.00	32.18 -1.31 0.00	30.08 -1.38 0.00	23.83 -1.47 0.00	20.76 -1.32 0.00	15.98 -0.86 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.80 0.09 -2.44	24.68 0.00 -2.23	24.46 -0.09 -1.95	23.79 -0.13 -1.92	23.42 -0.04 -2.24	28.74 -0.33 -1.71	43.56 0.34 0.00	51.61 0.21 0.00	53.15 0.21 0.00	52.03 0.21 0.00	48.84 0.29 0.00	46.74 0.33 0.00	44.41 0.00 0.00	38.60 -0.11 -1.54	35.42 0.10 -1.85	36.14 -0.07 -1.76	58.24 -1.99 0.00	62.42 -1.47 0.00	49.04 -0.68 -0.83	36.67 0.37 -2.82	34.91 -0.03 -3.48	29.77 0.53 -3.95	25.66 0.33 -3.25	20.44 -0.10 -3.70
EMPIRE_CC_1 323656	40.63 1.47 -17.88	40.35 1.55 -16.34	38.44 1.54 -14.31	37.58 1.50 -14.08	39.13 1.46 -16.45	41.82 1.89 -12.59	46.11 2.90 0.00	54.85 3.44 0.00	56.48 3.55 0.00	55.30 3.47 0.00	51.89 3.35 0.00	49.61 3.20 0.00	47.57 3.15 0.00	51.28 2.71 -11.40	49.61 2.44 -13.71	49.94 2.48 -13.01	63.96 3.74 0.00	67.72 3.83 0.00	58.43 3.42 -6.12	56.44 2.44 -20.50	58.94 2.17 -25.31	55.82 1.80 -28.73	47.25 1.50 -23.66	44.84 1.09 -26.91
EMPIRE_CC_2 323658	40.63 1.47 -17.88	40.35 1.55 -16.34	38.44 1.54 -14.31	37.58 1.50 -14.08	39.13 1.46 -16.45	41.82 1.89 -12.59	46.11 2.90 0.00	54.85 3.44 0.00	56.48 3.55 0.00	55.30 3.47 0.00	51.89 3.35 0.00	49.61 3.20 0.00	47.57 3.15 0.00	51.28 2.71 -11.40	49.61 2.44 -13.71	49.94 2.48 -13.01	63.96 3.74 0.00	67.72 3.83 0.00	58.43 3.42 -6.12	56.44 2.44 -20.50	58.94 2.17 -25.31	55.82 1.80 -28.73	47.25 1.50 -23.66	44.84 1.09 -26.91
ERIE_WT_PWR 323693	24.09 0.34 -2.47	25.01 0.29 -2.26	24.78 0.20 -1.98	24.08 0.13 -1.95	23.73 0.23 -2.27	29.12 0.03 -1.74	44.17 0.95 0.00	52.33 0.93 0.00	53.89 0.95 0.00	52.76 0.93 0.00	49.56 1.02 0.00	47.43 1.02 0.00	45.08 0.67 0.00	39.18 0.45 -1.56	35.95 0.60 -1.88	36.68 0.45 -1.78	59.02 -1.20 0.00	63.25 -0.64 0.00	49.69 -0.05 -0.85	37.22 0.87 -2.86	35.37 0.38 -3.53	30.19 0.88 -4.01	26.00 0.62 -3.30	20.72 0.12 -3.76
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.24 0.76 -3.20	26.17 0.79 -2.92	25.95 0.79 -2.56	25.29 0.77 -2.52	24.91 0.74 -2.94	30.58 0.98 -2.25	45.03 1.81 0.00	53.51 2.11 0.00	55.11 2.17 0.00	54.00 2.18 0.00	50.53 1.99 0.00	48.22 1.81 0.00	46.10 1.69 0.00	40.50 1.30 -2.02	37.10 1.20 -2.43	37.90 1.14 -2.31	61.73 1.51 0.00	65.74 1.85 0.00	51.50 1.52 -1.09	38.45 1.27 -3.69	37.21 1.20 -4.55	31.50 1.04 -5.17	27.20 0.86 -4.25	22.24 0.55 -4.84
E_CANADA_CAP_HY 24051	45.26 0.72 -23.26	44.45 0.74 -21.25	41.91 0.70 -18.61	41.00 0.68 -18.32	43.29 0.68 -21.39	44.84 1.12 -16.37	45.72 2.51 0.00	54.33 2.93 0.00	56.22 3.28 0.00	55.14 3.32 0.00	51.55 3.01 0.00	49.15 2.74 0.00	46.99 2.58 0.00	54.01 2.01 -14.83	53.07 1.77 -17.83	53.10 1.72 -16.93	63.18 2.95 0.00	66.69 2.81 0.00	59.16 2.30 -7.97	61.68 1.47 -26.72	65.74 1.29 -32.99	64.02 1.29 -37.43	53.98 1.06 -30.84	52.41 0.50 -35.06
E_CANADA_MHWK_HY 24050	21.98 1.15 0.44	23.31 1.26 0.40	23.56 1.31 0.35	22.99 1.34 0.35	22.19 1.38 0.41	28.92 1.89 0.31	46.37 3.15 0.00	55.15 3.75 0.00	56.96 4.02 0.00	55.97 4.15 0.00	52.38 3.83 0.00	50.08 3.67 0.00	47.84 3.42 0.00	39.58 2.68 0.27	35.48 2.34 0.33	36.45 2.31 0.31	63.84 3.61 0.00	67.52 3.64 0.00	51.38 2.64 0.15	34.82 1.84 0.51	32.53 1.70 0.63	26.00 1.42 0.71	22.73 1.24 0.59	17.08 0.91 0.67
E_FISHKILL___LBMP 23776	37.34 1.72 -14.34	37.31 1.75 -13.10	35.83 1.76 -11.47	35.01 1.72 -11.29	36.06 1.66 -13.19	39.60 2.16 -10.09	47.02 3.80 0.00	56.03 4.63 0.00	57.65 4.71 0.00	56.44 4.61 0.00	53.06 4.52 0.00	50.73 4.32 0.00	48.59 4.17 0.00	49.78 3.60 -9.01	47.57 3.28 -10.83	48.11 3.38 -10.28	65.10 4.88 0.00	68.93 5.05 0.00	58.44 4.59 -4.96	53.56 3.25 -16.83	55.03 2.80 -20.77	51.14 2.28 -23.57	43.38 1.88 -19.42	40.34 1.41 -22.08
FAR ROCKAWAY___4 23548	94.94 2.66 -71.00	117.06 2.69 -91.91	66.08 2.71 -40.77	43.23 2.62 -18.62	59.65 2.52 -35.90	86.19 3.31 -55.53	111.04 5.36 -62.46	134.33 6.53 -76.40	109.59 6.67 -49.98	102.03 6.53 -43.67	119.45 6.26 -64.64	87.76 5.89 -35.45	61.08 5.69 -10.98	58.30 4.87 -16.26	58.25 4.42 -20.37	58.99 4.58 -19.96	70.75 6.92 -3.60	79.72 7.41 -8.43	73.87 6.45 -18.53	68.12 4.52 -30.11	63.11 3.93 -27.72	62.16 3.19 -33.67	56.72 2.94 -31.71	54.90 2.21 -35.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.24 1.98 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.01	35.93 1.85 -12.86	39.63 2.43 -9.84	47.67 4.45 0.00	57.01 5.60 0.00	58.60 5.67 0.00	57.42 5.60 0.00	53.93 5.39 0.00	51.56 5.15 0.00	49.39 4.97 0.00	50.27 4.31 -8.79	47.94 3.91 -10.57	48.54 4.06 -10.03	66.19 5.96 0.00	70.15 6.26 0.00	59.34 5.62 -4.83	53.76 3.88 -16.39	55.02 3.33 -20.23	50.93 2.68 -22.96	43.27 2.27 -18.91	40.10 1.75 -21.50
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.24 1.98 -13.99	37.21 1.98 -12.78	35.78 1.99 -11.19	34.95 1.94 -11.01	35.93 1.85 -12.86	39.65 2.46 -9.84	47.67 4.45 0.00	57.01 5.60 0.00	58.60 5.67 0.00	57.37 5.55 0.00	53.93 5.39 0.00	51.51 5.11 0.00	49.39 4.97 0.00	50.23 4.27 -8.79	47.94 3.91 -10.57	48.54 4.06 -10.03	66.19 5.96 0.00	70.15 6.26 0.00	59.34 5.62 -4.83	53.76 3.88 -16.39	55.02 3.33 -20.23	50.96 2.71 -22.96	43.29 2.30 -18.91	40.10 1.75 -21.50
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.24 1.98 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.01	35.91 1.83 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	56.95 5.55 0.00	58.55 5.61 0.00	57.37 5.55 0.00	53.88 5.34 0.00	51.51 5.11 0.00	49.39 4.97 0.00	50.23 4.27 -8.79	47.91 3.88 -10.57	48.51 4.03 -10.03	66.13 5.91 0.00	70.08 6.19 0.00	59.29 5.57 -4.83	53.72 3.85 -16.39	55.02 3.33 -20.23	50.93 2.68 -22.96	43.27 2.27 -18.91	40.08 1.74 -21.50
FARRAGUT___LBMP 323566	37.22 1.96 -13.99	37.17 1.93 -12.78	35.75 1.97 -11.19	34.91 1.89 -11.01	35.91 1.83 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.32 5.49 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.34 4.93 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.99 3.30 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.08 1.74 -21.50
FENNER___WINDPWR 24204	22.88 0.83 -0.77	24.02 0.85 -0.71	24.05 0.84 -0.62	23.44 0.84 -0.61	22.74 0.81 -0.71	29.01 1.12 -0.54	45.34 2.12 0.00	53.82 2.42 0.00	55.69 2.75 0.00	54.67 2.85 0.00	50.97 2.43 0.00	48.64 2.23 0.00	46.55 2.13 0.00	39.19 1.52 -0.49	35.43 1.37 -0.59	36.29 1.28 -0.56	62.21 1.98 0.00	66.12 2.23 0.00	50.82 1.66 -0.27	35.62 1.24 -0.89	33.69 1.13 -1.10	27.50 0.96 -1.25	23.90 0.79 -1.03	18.54 0.52 -1.17
FIBERTEK___ENERGY 23856	22.94 0.17 -1.50	24.00 0.18 -1.37	23.96 0.16 -1.20	23.33 0.16 -1.18	22.77 0.17 -1.38	28.65 0.25 -1.05	43.52 0.30 0.00	51.71 0.31 0.00	53.15 0.21 0.00	52.03 0.21 0.00	48.74 0.19 0.00	46.55 0.14 0.00	44.50 0.09 0.00	38.16 0.04 -0.95	34.63 0.03 -1.14	35.53 0.00 -1.08	59.93 -0.30 0.00	63.76 -0.13 0.00	49.35 -0.05 -0.51	35.38 0.17 -1.72	33.84 0.25 -2.13	27.99 0.28 -2.41	24.31 0.24 -1.99	19.22 0.12 -2.26



FITZPATRICK____ 23598	21.79 -0.38 -0.90	22.85 -0.43 -0.82	22.89 -0.43 -0.72	22.29 -0.42 -0.71	21.67 -0.38 -0.82	27.46 -0.52 -0.63	42.18 -1.04 0.00	50.06 -1.34 0.00	51.51 -1.43 0.00	50.43 -1.40 0.00	47.23 -1.31 0.00	45.16 -1.25 0.00	43.17 -1.24 0.00	36.66 -1.08 -0.57	33.21 -0.94 -0.68	34.10 -1.00 -0.65	58.30 -1.93 0.00	61.90 -1.98 0.00	47.73 -1.47 -0.31	33.72 -0.80 -1.03	32.13 -0.60 -1.27	26.31 -0.43 -1.45	22.92 -0.35 -1.19	17.88 -0.32 -1.35
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.54 1.92 -14.35	37.48 1.91 -13.11	36.00 1.92 -11.48	35.17 1.87 -11.30	36.29 1.87 -13.20	39.86 2.41 -10.10	47.41 4.19 0.00	56.29 4.89 0.00	57.97 5.03 0.00	56.65 4.82 0.00	53.40 4.85 0.00	51.01 4.60 0.00	48.86 4.44 0.00	49.97 3.90 -8.90	47.75 3.58 -10.70	48.26 3.65 -10.16	65.41 5.18 0.00	69.51 5.62 0.00	58.98 5.18 -4.92	53.86 3.52 -16.85	55.26 2.99 -20.80	51.38 2.48 -23.61	43.56 2.03 -19.45	40.47 1.52 -22.11
FORT ORANGE____ 23900	40.82 1.51 -18.03	40.50 1.57 -16.47	38.60 1.58 -14.42	37.71 1.52 -14.20	39.31 1.51 -16.58	41.98 1.94 -12.69	47.85 4.63 0.00	57.01 5.60 0.00	58.76 5.82 0.00	57.47 5.65 0.00	54.17 5.63 0.00	51.74 5.33 0.00	49.52 5.11 0.00	50.74 4.42 -9.15	48.51 4.05 -11.00	49.02 4.13 -10.44	66.25 6.02 0.00	70.33 6.45 0.00	59.66 5.72 -5.05	56.49 2.24 -20.76	59.04 1.95 -25.62	56.02 1.64 -29.08	47.52 1.48 -23.95	45.12 1.04 -27.24
FORT_DRUM_COGEN 23780	21.70 -0.08 -0.51	22.83 -0.09 -0.47	22.87 -0.13 -0.41	22.29 -0.11 -0.40	21.54 -0.15 -0.47	27.76 0.05 -0.36	43.87 0.65 0.00	51.97 0.57 0.00	54.16 1.22 0.00	53.33 1.50 0.00	49.27 0.73 0.00	47.01 0.60 0.00	45.08 0.67 0.00	37.50 0.00 -0.33	33.82 -0.03 -0.39	34.62 -0.21 -0.37	60.22 0.00 0.00	64.01 0.13 0.00	48.72 -0.34 -0.18	33.67 -0.40 -0.59	31.84 -0.35 -0.73	25.74 -0.38 -0.82	22.43 -0.33 -0.68	17.31 -0.30 -0.77
FPL_FAR_ROCK_GT1 24212	94.94 2.66 -71.00	117.06 2.69 -91.91	66.08 2.71 -40.77	43.23 2.62 -18.62	59.65 2.52 -35.90	86.19 3.31 -55.53	111.04 5.36 -62.46	134.33 6.53 -76.40	109.59 6.67 -49.98	102.03 6.53 -43.67	119.45 6.26 -64.64	87.76 5.89 -35.45	61.08 5.69 -10.98	58.30 4.87 -16.26	58.25 4.42 -20.37	58.99 4.58 -19.96	70.75 6.92 -3.60	79.72 7.41 -8.43	73.87 6.45 -18.53	68.12 4.52 -30.11	63.11 3.93 -27.72	62.16 3.19 -33.67	56.72 2.94 -31.71	54.90 2.21 -35.85
FPL_FAR_ROCK_GT2 23815	94.94 2.66 -71.00	117.06 2.69 -91.91	66.08 2.71 -40.77	43.23 2.62 -18.62	59.65 2.52 -35.90	86.19 3.31 -55.53	111.04 5.36 -62.46	134.33 6.53 -76.40	109.59 6.67 -49.98	102.03 6.53 -43.67	119.45 6.26 -64.64	87.76 5.89 -35.45	61.08 5.69 -10.98	58.30 4.87 -16.26	58.25 4.42 -20.37	58.99 4.58 -19.96	70.75 6.92 -3.60	79.72 7.41 -8.43	73.87 6.45 -18.53	68.12 4.52 -30.11	63.11 3.93 -27.72	62.16 3.19 -33.67	56.72 2.94 -31.71	54.90 2.21 -35.85
FRANKLIN_FALL_HYD 24054	20.38 -0.89 0.00	21.61 -0.85 0.00	21.74 -0.86 0.00	21.10 -0.90 0.00	20.29 -0.93 0.00	26.20 -1.15 0.00	41.75 -1.47 0.00	50.02 -1.39 0.00	51.77 -1.16 0.00	50.37 -1.45 0.00	46.99 -1.56 0.00	44.97 -1.44 0.00	43.04 -1.38 0.00	36.06 -1.11 0.00	32.33 -1.14 0.00	33.21 -1.24 0.00	59.02 -1.20 0.00	62.54 -1.34 0.00	47.37 -1.52 0.00	32.05 -1.44 0.00	29.92 -1.54 0.00	23.52 -1.77 0.00	20.51 -1.57 0.00	15.87 -0.98 0.00
FREEPORT_EQUS_GT1 23764	70.76 2.49 -47.00	76.76 2.54 -51.77	53.47 2.55 -28.32	43.51 2.46 -19.05	50.33 2.38 -26.73	66.76 3.12 -36.30	84.91 5.53 -36.16	96.91 6.73 -38.78	87.21 6.83 -27.44	84.30 6.69 -25.78	86.61 6.22 -31.85	71.75 5.85 -19.49	60.03 5.64 -9.98	58.30 4.87 -16.26	58.29 4.45 -20.37	58.99 4.58 -19.96	70.87 7.04 -3.60	79.84 7.53 -8.43	74.01 6.60 -18.53	68.19 4.59 -30.11	63.18 4.00 -27.72	62.23 3.26 -33.67	56.54 2.76 -31.70	54.79 2.09 -35.85
FREEPORT____CT2 23818	70.76 2.49 -47.00	76.76 2.54 -51.77	53.47 2.55 -28.32	43.51 2.46 -19.05	50.33 2.38 -26.73	66.76 3.12 -36.30	84.91 5.53 -36.16	96.91 6.73 -38.78	87.21 6.83 -27.44	84.30 6.69 -25.78	86.61 6.22 -31.85	71.75 5.85 -19.49	60.03 5.64 -9.98	58.30 4.87 -16.26	58.29 4.45 -20.37	58.99 4.58 -19.96	70.87 7.04 -3.60	79.84 7.53 -8.43	74.01 6.60 -18.53	68.19 4.59 -30.11	63.18 4.00 -27.72	62.23 3.26 -33.67	56.54 2.76 -31.70	54.79 2.09 -35.85
FULTON COGEN____ 23766	22.37 -0.08 -1.18	23.42 -0.11 -1.08	23.43 -0.11 -0.94	22.82 -0.11 -0.93	22.20 -0.11 -1.08	28.04 -0.14 -0.83	42.83 -0.39 0.00	50.84 -0.56 0.00	52.36 -0.58 0.00	51.26 -0.57 0.00	47.96 -0.58 0.00	45.85 -0.55 0.00	43.84 -0.58 0.00	37.40 -0.52 -0.75	33.89 -0.47 -0.90	34.79 -0.52 -0.85	59.14 -1.08 0.00	62.86 -1.02 0.00	48.51 -0.78 -0.40	34.51 -0.33 -1.36	32.95 -0.19 -1.68	27.12 -0.08 -1.90	23.60 -0.04 -1.57	18.54 -0.08 -1.78
FULTON____LFGE 323630	45.77 2.42 -22.07	45.13 2.51 -20.16	42.72 2.46 -17.65	41.80 2.42 -17.38	43.87 2.36 -20.29	46.30 3.42 -15.53	49.92 6.70 0.00	59.37 7.97 0.00	61.57 8.63 0.00	60.28 8.45 0.00	56.36 7.82 0.00	53.74 7.33 0.00	51.30 6.88 0.00	56.87 5.61 -14.08	55.32 4.92 -16.93	55.45 4.93 -16.08	68.90 8.67 0.00	73.14 9.26 0.00	63.69 7.23 -7.57	63.59 4.75 -25.35	67.15 4.40 -31.29	64.42 3.62 -35.51	54.40 3.07 -29.25	51.92 1.82 -33.26
G.F.CEMENT____DRP 24184	42.63 2.06 -19.29	42.22 2.13 -17.63	40.16 2.12 -15.43	39.26 2.07 -15.19	40.96 1.99 -17.74	43.58 2.65 -13.58	47.85 4.63 0.00	56.95 5.55 0.00	58.81 5.88 0.00	57.63 5.80 0.00	54.07 5.53 0.00	51.70 5.29 0.00	49.48 5.06 0.00	53.78 4.27 -12.33	52.10 3.81 -14.83	52.35 3.82 -14.08	66.49 6.26 0.00	70.53 6.64 0.00	61.00 5.47 -6.63	59.41 3.75 -22.17	62.23 3.40 -27.37	59.09 2.73 -31.06	49.88 2.21 -25.59	47.43 1.50 -29.09
GARDENVILLE____LBMP 24039	24.03 0.28 -2.48	24.92 0.20 -2.26	24.72 0.14 -1.98	24.02 0.07 -1.95	23.67 0.17 -2.28	29.04 -0.05 -1.74	44.00 0.78 0.00	52.17 0.77 0.00	53.68 0.74 0.00	52.55 0.73 0.00	49.32 0.77 0.00	47.20 0.79 0.00	44.86 0.44 0.00	39.00 0.26 -1.57	35.78 0.43 -1.88	36.51 0.27 -1.79	58.78 -1.45 0.00	62.99 -0.89 0.00	49.49 -0.24 -0.85	37.06 0.70 -2.87	35.25 0.25 -3.54	30.07 0.76 -4.01	25.92 0.53 -3.31	20.65 0.05 -3.76
GENERAL____MILLS 23808	24.09 0.34 -2.47	24.99 0.27 -2.26	24.76 0.18 -1.98	24.06 0.11 -1.95	23.71 0.21 -2.27	29.09 0.00 -1.74	44.13 0.91 0.00	52.27 0.87 0.00	53.84 0.90 0.00	52.70 0.88 0.00	49.46 0.92 0.00	47.39 0.98 0.00	45.04 0.62 0.00	39.15 0.41 -1.56	35.91 0.57 -1.88	36.61 0.38 -1.78	58.96 -1.27 0.00	63.18 -0.70 0.00	49.64 -0.10 -0.85	37.19 0.84 -2.86	35.34 0.35 -3.53	30.16 0.86 -4.01	25.98 0.60 -3.30	20.70 0.10 -3.76
GE_PLASTICS____DRP 24183	40.57 1.38 -17.91	40.28 1.46 -16.36	38.40 1.47 -14.33	37.53 1.43 -14.11	39.09 1.40 -16.47	41.73 1.78 -12.61	45.64 2.42 0.00	54.18 2.77 0.00	55.79 2.86 0.00	54.67 2.85 0.00	51.26 2.72 0.00	48.96 2.55 0.00	46.99 2.58 0.00	50.84 2.23 -11.44	49.26 2.04 -13.75	49.54 2.03 -13.06	63.18 2.95 0.00	66.82 2.94 0.00	57.79 2.74 -6.17	56.16 2.04 -20.63	58.72 1.79 -25.47	55.72 1.52 -28.90	47.26 1.37 -23.81	44.87 0.96 -27.07



GILBOA___1 23756	36.52 1.08 -14.16	36.61 1.21 -12.94	35.15 1.22 -11.33	34.34 1.19 -11.15	35.39 1.15 -13.02	38.68 1.37 -9.97	45.46 2.25 0.00	54.12 2.72 0.00	55.58 2.65 0.00	54.57 2.74 0.00	51.16 2.62 0.00	48.91 2.50 0.00	46.86 2.44 0.00	48.22 2.08 -8.97	46.16 1.91 -10.79	46.62 1.93 -10.24	63.12 2.89 0.00	66.44 2.56 0.00	56.23 2.54 -4.80	51.57 1.91 -16.18	53.16 1.73 -19.97	49.40 1.44 -22.67	41.95 1.19 -18.67	38.95 0.88 -21.23
GILBOA___2 23757	36.52 1.08 -14.16	36.61 1.21 -12.94	35.15 1.22 -11.33	34.34 1.19 -11.15	35.39 1.15 -13.02	38.68 1.37 -9.97	45.46 2.25 0.00	54.12 2.72 0.00	55.58 2.65 0.00	54.57 2.74 0.00	51.16 2.62 0.00	48.91 2.50 0.00	46.86 2.44 0.00	48.22 2.08 -8.97	46.16 1.91 -10.79	46.62 1.93 -10.24	63.12 2.89 0.00	66.44 2.56 0.00	56.23 2.54 -4.80	51.57 1.91 -16.18	53.16 1.73 -19.97	49.40 1.44 -22.67	41.95 1.19 -18.67	38.95 0.88 -21.23
GILBOA___3 23758	36.52 1.08 -14.16	36.61 1.21 -12.94	35.15 1.22 -11.33	34.34 1.19 -11.15	35.39 1.15 -13.02	38.68 1.37 -9.97	45.46 2.25 0.00	54.12 2.72 0.00	55.58 2.65 0.00	54.57 2.74 0.00	51.16 2.62 0.00	48.91 2.50 0.00	46.86 2.44 0.00	48.22 2.08 -8.97	46.16 1.91 -10.79	46.62 1.93 -10.24	63.12 2.89 0.00	66.44 2.56 0.00	56.23 2.54 -4.80	51.57 1.91 -16.18	53.16 1.73 -19.97	49.40 1.44 -22.67	41.95 1.19 -18.67	38.95 0.88 -21.23
GILBOA___4 23759	36.52 1.08 -14.16	36.61 1.21 -12.94	35.15 1.22 -11.33	34.34 1.19 -11.15	35.39 1.15 -13.02	38.68 1.37 -9.97	45.46 2.25 0.00	54.12 2.72 0.00	55.58 2.65 0.00	54.57 2.74 0.00	51.16 2.62 0.00	48.91 2.50 0.00	46.86 2.44 0.00	48.22 2.08 -8.97	46.16 1.91 -10.79	46.62 1.93 -10.24	63.12 2.89 0.00	66.44 2.56 0.00	56.23 2.54 -4.80	51.57 1.91 -16.18	53.16 1.73 -19.97	49.40 1.44 -22.67	41.95 1.19 -18.67	38.95 0.88 -21.23
GILBOA____ 23599	36.52 1.08 -14.16	36.61 1.21 -12.94	35.15 1.22 -11.33	34.34 1.19 -11.15	35.39 1.15 -13.02	38.68 1.37 -9.97	45.46 2.25 0.00	54.12 2.72 0.00	55.58 2.65 0.00	54.57 2.74 0.00	51.16 2.62 0.00	48.91 2.50 0.00	46.86 2.44 0.00	48.22 2.08 -8.97	46.16 1.91 -10.79	46.62 1.93 -10.24	63.12 2.89 0.00	66.44 2.56 0.00	56.23 2.54 -4.80	51.57 1.91 -16.18	53.16 1.73 -19.97	49.40 1.44 -22.67	41.95 1.19 -18.67	38.95 0.88 -21.23
GINNA____ 23603	21.92 -1.04 -1.68	22.85 -1.14 -1.54	22.77 -1.18 -1.35	22.18 -1.14 -1.32	21.69 -1.08 -1.55	27.11 -1.42 -1.18	41.27 -1.94 0.00	49.29 -2.11 0.00	50.61 -2.33 0.00	49.55 -2.28 0.00	46.36 -2.18 0.00	44.46 -1.95 0.00	42.33 -2.09 0.00	36.42 -1.82 -1.06	33.14 -1.61 -1.28	33.98 -1.69 -1.21	56.85 -3.37 0.00	60.69 -3.19 0.00	46.97 -2.49 -0.57	34.02 -1.41 -1.94	32.50 -1.35 -2.39	27.10 -0.91 -2.72	23.44 -0.88 -2.24	18.60 -0.79 -2.54
GLEN PARK____ 23778	21.81 -0.02 -0.55	22.92 -0.04 -0.50	22.95 -0.09 -0.44	22.37 -0.07 -0.43	21.62 -0.11 -0.51	27.87 0.14 -0.39	44.04 0.82 0.00	52.17 0.77 0.00	54.37 1.43 0.00	53.59 1.76 0.00	49.46 0.92 0.00	47.20 0.79 0.00	45.30 0.89 0.00	37.64 0.11 -0.35	33.95 0.07 -0.42	34.75 -0.10 -0.40	60.35 0.12 0.00	64.20 0.32 0.00	48.83 -0.24 -0.19	33.79 -0.33 -0.63	31.99 -0.25 -0.78	25.85 -0.33 -0.89	22.53 -0.29 -0.73	17.40 -0.27 -0.83
GLENWOOD_IC_1_G5 23712	63.13 2.25 -39.59	68.02 2.27 -43.30	49.36 2.28 -24.48	41.32 2.22 -17.10	46.95 2.12 -23.60	60.51 2.79 -30.37	76.07 4.80 -28.05	88.20 5.96 -30.84	81.65 6.03 -22.68	79.74 5.91 -22.01	79.20 5.73 -24.93	67.96 5.43 -16.12	59.60 5.42 -9.77	58.08 4.65 -16.26	58.05 4.22 -20.37	58.75 4.34 -19.96	70.15 6.32 -3.60	78.95 6.64 -8.43	73.33 5.91 -18.53	67.72 4.12 -30.11	62.73 3.55 -27.72	61.85 2.88 -33.67	56.28 2.49 -31.70	54.58 1.89 -35.85
GLENWOOD_IC_2_G1 23688	53.89 2.11 -30.50	58.15 2.13 -33.56	44.49 2.12 -19.76	38.43 2.07 -14.36	42.93 1.99 -19.71	53.06 2.63 -23.08	65.94 4.63 -18.09	78.82 5.70 -21.72	75.97 5.82 -17.21	75.20 5.70 -17.67	71.05 5.53 -16.98	63.90 5.24 -12.25	59.05 5.11 -9.52	57.81 4.38 -16.26	57.82 3.98 -20.37	58.54 4.13 -19.96	69.91 6.08 -3.60	78.70 6.39 -8.43	73.13 5.72 -18.53	67.58 3.98 -30.11	62.61 3.43 -27.72	61.75 2.78 -33.67	56.12 2.34 -31.70	54.48 1.78 -35.85
GLENWOOD_IC_3_G1 23689	53.89 2.11 -30.50	58.15 2.13 -33.56	44.49 2.12 -19.76	38.43 2.07 -14.36	42.93 1.99 -19.71	53.06 2.63 -23.08	65.94 4.63 -18.09	78.82 5.70 -21.72	75.97 5.82 -17.21	75.20 5.70 -17.67	71.05 5.53 -16.98	63.90 5.24 -12.25	59.05 5.11 -9.52	57.81 4.38 -16.26	57.82 3.98 -20.37	58.54 4.13 -19.96	69.91 6.08 -3.60	78.70 6.39 -8.43	73.13 5.72 -18.53	67.58 3.98 -30.11	62.61 3.43 -27.72	61.75 2.78 -33.67	56.12 2.34 -31.70	54.48 1.78 -35.85
GLENWOOD___4 23550	63.13 2.25 -39.59	68.02 2.27 -43.30	49.36 2.28 -24.48	41.32 2.22 -17.10	46.95 2.12 -23.60	60.51 2.79 -30.37	76.15 4.88 -28.05	88.26 6.01 -30.84	81.76 6.14 -22.68	79.84 6.01 -22.01	79.25 5.77 -24.93	68.05 5.52 -16.12	59.60 5.42 -9.77	58.08 4.65 -16.26	58.05 4.22 -20.37	58.75 4.34 -19.96	70.21 6.38 -3.60	79.02 6.71 -8.43	73.38 5.96 -18.53	67.75 4.15 -30.11	62.80 3.62 -27.72	61.90 2.93 -33.67	56.28 2.49 -31.70	54.58 1.89 -35.85
GLENWOOD___5 23614	63.13 2.25 -39.59	68.02 2.27 -43.30	49.36 2.28 -24.48	41.32 2.22 -17.10	46.95 2.12 -23.60	60.51 2.79 -30.37	76.15 4.88 -28.05	88.26 6.01 -30.84	81.76 6.14 -22.68	79.84 6.01 -22.01	79.25 5.77 -24.93	68.05 5.52 -16.12	59.60 5.42 -9.77	58.08 4.65 -16.26	58.05 4.22 -20.37	58.75 4.34 -19.96	70.21 6.38 -3.60	79.02 6.71 -8.43	73.38 5.96 -18.53	67.75 4.15 -30.11	62.80 3.62 -27.72	61.90 2.93 -33.67	56.28 2.49 -31.70	54.58 1.89 -35.85
GLOBAL GREEN_PORT_GT1 23814	58.83 3.98 -33.57	53.86 4.07 -27.33	48.02 4.07 -21.35	46.58 3.94 -20.64	46.80 3.78 -21.80	57.78 4.89 -25.54	73.27 8.60 -21.45	78.08 10.80 -15.88	77.67 11.01 -13.72	77.39 10.67 -14.90	70.43 10.00 -11.89	65.70 9.51 -9.77	62.71 8.93 -9.37	61.09 7.66 -16.26	60.76 6.93 -20.37	61.57 7.17 -19.96	75.63 11.81 -3.60	85.09 12.78 -8.43	78.02 10.61 -18.53	71.04 7.44 -30.11	65.79 6.61 -27.72	64.15 5.18 -33.67	58.07 4.28 -31.70	55.98 3.28 -35.85
GLOBE___DSASP 323697	22.68 -0.91 -2.31	23.54 -1.03 -2.11	23.34 -1.11 -1.85	22.68 -1.14 -1.82	22.33 -1.02 -2.13	27.36 -1.61 -1.63	41.36 -1.86 0.00	49.09 -2.31 0.00	50.50 -2.43 0.00	49.49 -2.33 0.00	46.41 -2.13 0.00	44.42 -1.99 0.00	42.20 -2.22 0.00	36.70 -1.93 -1.46	33.65 -1.57 -1.76	34.40 -1.72 -1.67	55.47 -4.76 0.00	59.41 -4.47 0.00	46.70 -2.98 -0.79	34.99 -1.17 -2.67	33.34 -1.42 -3.30	28.48 -0.56 -3.74	24.57 -0.60 -3.08	19.52 -0.82 -3.51
GOETHSLN___LBMP 323567	37.16 1.89 -13.99	37.10 1.86 -12.78	35.69 1.90 -11.19	34.84 1.82 -11.01	35.85 1.76 -12.86	39.54 2.35 -9.84	47.54 4.32 0.00	56.85 5.45 0.00	58.39 5.45 0.00	57.11 5.29 0.00	53.69 5.14 0.00	51.33 4.92 0.00	49.21 4.80 0.00	50.09 4.13 -8.79	47.78 3.75 -10.57	48.37 3.89 -10.03	65.88 5.66 0.00	69.96 6.07 0.00	59.15 5.43 -4.83	53.62 3.75 -16.39	54.90 3.21 -20.23	50.83 2.58 -22.96	43.20 2.21 -18.91	40.03 1.68 -21.50



GOODYEAR_LAKE_HYD 323669	26.50 1.06 -4.16	27.38 1.12 -3.80	27.04 1.11 -3.33	26.38 1.10 -3.28	26.09 1.04 -3.83	31.70 1.42 -2.93	46.07 2.85 0.00	54.74 3.34 0.00	56.59 3.65 0.00	55.61 3.78 0.00	51.89 3.35 0.00	49.52 3.11 0.00	47.44 3.02 0.00	42.13 2.31 -2.65	38.73 2.08 -3.19	39.51 2.03 -3.03	63.29 3.07 0.00	67.01 3.13 0.00	53.01 2.69 -1.43	40.16 1.87 -4.80	39.05 1.67 -5.92	33.41 1.39 -6.72	28.77 1.15 -5.54	23.91 0.78 -6.30
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.71 0.74 -4.69	27.51 0.76 -4.29	27.12 0.77 -3.75	26.42 0.72 -3.70	26.26 0.72 -4.32	31.53 0.87 -3.30	44.82 1.60 0.00	53.15 1.75 0.00	54.68 1.74 0.00	53.59 1.76 0.00	50.19 1.65 0.00	47.94 1.53 0.00	45.84 1.42 0.00	41.33 1.19 -2.97	38.17 1.14 -3.57	38.87 1.03 -3.39	61.25 1.02 0.00	65.16 1.28 0.00	51.76 1.27 -1.60	40.13 1.24 -5.40	39.20 1.07 -6.67	33.90 1.04 -7.57	29.16 0.84 -6.24	24.49 0.55 -7.09
GOUDEY___7 23579	26.74 0.76 -4.69	27.53 0.79 -4.29	27.12 0.77 -3.75	26.44 0.75 -3.70	26.28 0.74 -4.32	31.55 0.90 -3.30	44.86 1.64 0.00	53.20 1.80 0.00	54.74 1.80 0.00	53.64 1.81 0.00	50.24 1.70 0.00	47.99 1.58 0.00	45.88 1.46 0.00	41.37 1.22 -2.97	38.20 1.17 -3.57	38.91 1.07 -3.39	61.31 1.09 0.00	65.23 1.34 0.00	51.81 1.32 -1.60	40.16 1.27 -5.40	39.23 1.10 -6.67	33.93 1.06 -7.57	29.18 0.86 -6.24	24.51 0.57 -7.09
GOUDEY___8 23580	26.71 0.74 -4.69	27.51 0.76 -4.29	27.12 0.77 -3.75	26.42 0.72 -3.70	26.26 0.72 -4.32	31.53 0.87 -3.30	44.82 1.60 0.00	53.15 1.75 0.00	54.68 1.74 0.00	53.59 1.76 0.00	50.19 1.65 0.00	47.94 1.53 0.00	45.84 1.42 0.00	41.33 1.19 -2.97	38.17 1.14 -3.57	38.87 1.03 -3.39	61.25 1.02 0.00	65.16 1.28 0.00	51.76 1.27 -1.60	40.13 1.24 -5.40	39.20 1.07 -6.67	33.90 1.04 -7.57	29.16 0.84 -6.24	24.49 0.55 -7.09
GOWANUS_GT1_1 24077	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT1_2 24078	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT1_3 24079	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT1_4 24080	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT1_5 24084	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT1_6 24111	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT1_7 24112	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT1_8 24113	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT2_1 24114	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT2_2 24115	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT2_3 24116	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51



GOWANUS_GT2_4 24117	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT2_5 24118	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT2_6 24119	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT2_7 24120	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT2_8 24121	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT3_1 24122	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT3_2 24123	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT3_3 24124	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT3_4 24125	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT3_5 24126	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT3_6 24127	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT3_7 24128	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT3_8 24129	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT4_1 24130	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT4_2 24131	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51



GOWANUS_GT4_3 24132	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT4_4 24133	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT4_5 24134	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT4_6 24135	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT4_7 24136	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GOWANUS_GT4_8 24137	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GREENIDGE___3 23582	24.87 0.72 -2.87	25.80 0.72 -2.62	25.59 0.70 -2.29	24.94 0.68 -2.26	24.56 0.70 -2.64	30.27 0.90 -2.02	45.12 1.90 0.00	53.61 2.21 0.00	55.06 2.12 0.00	53.84 2.02 0.00	50.39 1.84 0.00	48.13 1.72 0.00	45.88 1.46 0.00	40.14 1.15 -1.81	36.71 1.07 -2.18	37.48 0.96 -2.07	61.07 0.84 0.00	65.29 1.40 0.00	51.04 1.17 -0.98	38.06 1.27 -3.30	36.58 1.04 -4.08	30.99 1.06 -4.63	26.71 0.82 -3.81	21.67 0.49 -4.34
GREENIDGE___4 23583	24.87 0.72 -2.87	25.80 0.72 -2.62	25.59 0.70 -2.29	24.94 0.68 -2.26	24.56 0.70 -2.64	30.27 0.90 -2.02	45.12 1.90 0.00	53.61 2.21 0.00	55.06 2.12 0.00	53.84 2.02 0.00	50.39 1.84 0.00	48.13 1.72 0.00	45.88 1.46 0.00	40.14 1.15 -1.81	36.71 1.07 -2.18	37.48 0.96 -2.07	61.07 0.84 0.00	65.29 1.40 0.00	51.04 1.17 -0.98	38.06 1.27 -3.30	36.58 1.04 -4.08	30.99 1.06 -4.63	26.71 0.82 -3.81	21.67 0.49 -4.34
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
GROVEVILLE___HYD 323602	37.54 1.92 -14.35	37.48 1.91 -13.11	36.00 1.92 -11.48	35.17 1.87 -11.30	36.29 1.87 -13.20	39.86 2.41 -10.10	47.41 4.19 0.00	56.29 4.89 0.00	57.97 5.03 0.00	56.65 4.82 0.00	53.40 4.85 0.00	51.01 4.60 0.00	48.86 4.44 0.00	49.97 3.90 -8.90	47.75 3.58 -10.70	48.26 3.65 -10.16	65.41 5.18 0.00	69.51 5.62 0.00	58.98 5.18 -4.92	53.86 3.52 -16.85	55.26 2.99 -20.80	51.38 2.48 -23.61	43.56 2.03 -19.45	40.47 1.52 -22.11
HAMPSHIRE___PAPER_HYD 323593	20.26 -1.02 0.00	21.43 -1.03 0.00	21.52 -1.08 0.00	20.97 -1.03 0.00	20.16 -1.06 0.00	26.15 -1.20 0.00	41.75 -1.47 0.00	49.65 -1.75 0.00	51.56 -1.38 0.00	50.58 -1.24 0.00	46.89 -1.65 0.00	44.78 -1.63 0.00	42.95 -1.46 0.00	35.61 -1.56 0.00	31.99 -1.47 0.00	32.83 -1.62 0.00	58.36 -1.87 0.00	61.97 -1.91 0.00	46.93 -1.96 0.00	31.68 -1.81 0.00	29.76 -1.70 0.00	23.73 -1.57 0.00	20.71 -1.37 0.00	15.93 -0.91 0.00
HARDSCRABBLE_WT_PWR 323673	21.58 0.74 0.44	22.89 0.83 0.40	23.15 0.90 0.35	22.62 0.97 0.35	21.86 1.04 0.41	28.51 1.48 0.31	45.72 2.51 0.00	54.38 2.98 0.00	56.22 3.28 0.00	55.30 3.47 0.00	51.75 3.20 0.00	49.42 3.01 0.00	47.21 2.80 0.00	39.02 2.12 0.27	34.98 1.84 0.33	35.90 1.76 0.31	62.87 2.65 0.00	66.44 2.56 0.00	50.50 1.76 0.15	34.18 1.20 0.51	31.96 1.13 0.63	25.52 0.94 0.71	22.31 0.82 0.59	16.76 0.59 0.67
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.10 1.66 -13.17	36.13 1.64 -12.03	34.80 1.67 -10.53	34.00 1.63 -10.37	34.92 1.59 -12.11	38.69 2.08 -9.27	46.89 3.67 0.00	55.77 4.37 0.00	57.43 4.50 0.00	56.12 4.30 0.00	52.82 4.27 0.00	50.49 4.09 0.00	48.37 3.95 0.00	48.93 3.49 -8.27	46.62 3.21 -9.94	47.16 3.27 -9.44	64.74 4.52 0.00	68.74 4.85 0.00	58.00 4.55 -4.56	52.14 3.18 -15.47	53.23 2.67 -19.10	49.17 2.20 -21.67	41.75 1.81 -17.85	38.49 1.35 -20.30
HARZA MOOSE___RIVER 24016	21.55 0.28 0.00	22.75 0.29 0.00	22.87 0.27 0.00	22.26 0.26 0.00	21.46 0.23 0.00	27.81 0.46 0.00	44.34 1.12 0.00	52.69 1.29 0.00	54.63 1.69 0.00	53.69 1.86 0.00	49.85 1.31 0.00	47.61 1.20 0.00	45.61 1.20 0.00	37.80 0.63 0.00	34.00 0.53 0.00	34.90 0.45 0.00	61.13 0.90 0.00	64.90 1.02 0.00	49.43 0.54 0.00	33.75 0.27 0.00	31.71 0.25 0.00	25.45 0.15 0.00	22.19 0.11 0.00	16.89 0.05 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.35 2.09 -13.99	37.30 2.06 -12.78	35.95 2.15 -11.20	35.09 2.07 -11.02	36.09 1.99 -12.87	39.82 2.63 -9.84	47.71 4.49 0.00	56.90 5.50 0.00	58.28 5.34 0.00	57.16 5.34 0.00	53.74 5.20 0.00	51.33 4.92 0.00	49.21 4.80 0.00	50.09 4.13 -8.79	47.74 3.71 -10.57	48.37 3.89 -10.03	65.88 5.66 0.00	69.57 5.68 0.00	59.19 5.47 -4.83	53.63 3.75 -16.39	54.87 3.18 -20.23	50.93 2.68 -22.96	43.41 2.41 -18.92	40.19 1.84 -21.51



HEMPSTEAD____ 23647	66.19 2.34 -42.57	70.71 2.36 -45.90	51.00 2.37 -26.02	42.60 2.31 -18.29	48.35 2.21 -24.92	63.00 2.90 -32.75	79.63 5.10 -31.31	90.95 6.27 -33.28	83.43 6.35 -24.14	81.21 6.22 -23.17	81.52 5.92 -27.06	69.18 5.61 -17.16	59.66 5.42 -9.83	58.11 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.45 6.62 -3.60	79.27 6.96 -8.43	73.57 6.16 -18.53	67.89 4.29 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.34 2.56 -31.70	54.65 1.95 -35.85
HICKLING____1 23621	26.04 1.13 -3.63	26.92 1.14 -3.32	26.63 1.13 -2.90	25.94 1.08 -2.86	25.64 1.08 -3.34	31.24 1.34 -2.56	45.81 2.59 0.00	54.33 2.93 0.00	55.79 2.86 0.00	54.57 2.74 0.00	51.16 2.62 0.00	48.87 2.46 0.00	46.59 2.18 0.00	41.25 1.78 -2.30	37.90 1.67 -2.76	38.58 1.51 -2.62	61.25 1.02 0.00	65.54 1.66 0.00	51.71 1.56 -1.26	39.41 1.67 -4.25	38.09 1.38 -5.25	32.69 1.44 -5.96	28.13 1.15 -4.91	23.14 0.72 -5.58
HICKLING____2 23622	26.04 1.13 -3.63	26.92 1.14 -3.32	26.63 1.13 -2.90	25.94 1.08 -2.86	25.64 1.08 -3.34	31.24 1.34 -2.56	45.81 2.59 0.00	54.33 2.93 0.00	55.79 2.86 0.00	54.57 2.74 0.00	51.16 2.62 0.00	48.87 2.46 0.00	46.59 2.18 0.00	41.25 1.78 -2.30	37.90 1.67 -2.76	38.58 1.51 -2.62	61.25 1.02 0.00	65.54 1.66 0.00	51.71 1.56 -1.26	39.41 1.67 -4.25	38.09 1.38 -5.25	32.69 1.44 -5.96	28.13 1.15 -4.91	23.14 0.72 -5.58
HIGH FALLS____HY 23754	36.72 1.66 -13.78	36.67 1.62 -12.59	35.29 1.67 -11.02	34.50 1.65 -10.85	35.49 1.59 -12.67	39.18 2.13 -9.70	47.02 3.80 0.00	55.87 4.47 0.00	57.54 4.60 0.00	56.23 4.40 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.37 3.95 0.00	49.25 3.49 -8.58	46.96 3.18 -10.32	47.52 3.27 -9.80	64.50 4.28 0.00	68.49 4.60 0.00	58.00 4.30 -4.80	52.90 3.02 -16.40	54.25 2.55 -20.24	50.39 2.12 -22.97	42.75 1.74 -18.92	39.67 1.31 -21.52
HILLBURN____GT 23639	36.31 1.68 -13.35	36.34 1.69 -12.19	34.97 1.70 -10.68	34.16 1.65 -10.51	35.09 1.59 -12.28	38.85 2.11 -9.39	46.94 3.72 0.00	55.93 4.52 0.00	57.54 4.60 0.00	56.28 4.46 0.00	52.96 4.42 0.00	50.63 4.22 0.00	48.55 4.13 0.00	49.16 3.60 -8.38	46.82 3.28 -10.08	47.40 3.38 -9.57	64.93 4.70 0.00	68.87 4.99 0.00	58.16 4.65 -4.62	52.45 3.28 -15.68	53.58 2.77 -19.36	49.54 2.28 -21.97	42.05 1.88 -18.09	38.83 1.41 -20.57
HISHELDN_WT_PWR 323625	24.23 0.30 -2.65	25.13 0.25 -2.43	24.90 0.18 -2.12	24.22 0.13 -2.09	23.88 0.21 -2.44	29.24 0.03 -1.87	44.04 0.82 0.00	52.22 0.82 0.00	53.68 0.74 0.00	52.55 0.73 0.00	49.22 0.68 0.00	47.06 0.65 0.00	44.73 0.31 0.00	39.00 0.15 -1.68	35.75 0.27 -2.02	36.47 0.10 -1.92	58.60 -1.62 0.00	62.80 -1.09 0.00	49.31 -0.49 -0.91	37.09 0.53 -3.07	35.37 0.13 -3.79	30.22 0.63 -4.30	26.04 0.42 -3.54	20.92 0.05 -4.03
HOLTSVILLE_IC_1 23690	57.51 2.70 -33.53	52.47 2.76 -27.25	46.71 2.78 -21.33	45.35 2.71 -20.65	45.59 2.59 -21.78	56.27 3.42 -25.50	70.50 5.88 -21.41	74.40 7.20 -15.80	73.92 7.31 -13.67	73.78 7.10 -14.86	67.07 6.70 -11.82	62.56 6.41 -9.74	59.87 6.09 -9.37	58.71 5.28 -16.26	58.66 4.82 -20.37	59.37 4.96 -19.96	71.36 7.53 -3.60	80.17 7.86 -8.43	74.31 6.89 -18.53	68.49 4.89 -30.11	63.49 4.31 -27.72	62.38 3.41 -33.67	56.70 2.91 -31.70	55.00 2.31 -35.85
HOLTSVILLE_IC_10 23699	57.88 2.87 -33.73	53.01 2.92 -27.63	46.97 2.94 -21.43	45.45 2.84 -20.61	45.82 2.74 -21.85	56.59 3.58 -25.66	71.07 6.22 -21.62	75.27 7.71 -16.16	74.61 7.78 -13.89	74.42 7.57 -15.03	67.82 7.14 -12.14	63.13 6.82 -9.89	60.23 6.44 -9.38	59.00 5.57 -16.26	58.92 5.08 -20.37	59.68 5.27 -19.96	71.90 8.07 -3.60	80.81 8.50 -8.43	74.74 7.33 -18.53	68.82 5.22 -30.11	63.81 4.63 -27.72	62.61 3.64 -33.67	56.90 3.11 -31.70	55.12 2.43 -35.85
HOLTSVILLE_IC_2 23691	57.51 2.70 -33.53	52.47 2.76 -27.25	46.71 2.78 -21.33	45.35 2.71 -20.65	45.59 2.59 -21.78	56.27 3.42 -25.50	70.50 5.88 -21.41	74.40 7.20 -15.80	73.92 7.31 -13.67	73.78 7.10 -14.86	67.07 6.70 -11.82	62.56 6.41 -9.74	59.87 6.09 -9.37	58.71 5.28 -16.26	58.66 4.82 -20.37	59.37 4.96 -19.96	71.36 7.53 -3.60	80.17 7.86 -8.43	74.31 6.89 -18.53	68.49 4.89 -30.11	63.49 4.31 -27.72	62.38 3.41 -33.67	56.70 2.91 -31.70	55.00 2.31 -35.85
HOLTSVILLE_IC_3 23692	57.51 2.70 -33.53	52.47 2.76 -27.25	46.71 2.78 -21.33	45.35 2.71 -20.65	45.59 2.59 -21.78	56.27 3.42 -25.50	70.50 5.88 -21.41	74.40 7.20 -15.80	73.92 7.31 -13.67	73.78 7.10 -14.86	67.07 6.70 -11.82	62.56 6.41 -9.74	59.87 6.09 -9.37	58.71 5.28 -16.26	58.66 4.82 -20.37	59.37 4.96 -19.96	71.36 7.53 -3.60	80.17 7.86 -8.43	74.31 6.89 -18.53	68.49 4.89 -30.11	63.49 4.31 -27.72	62.38 3.41 -33.67	56.70 2.91 -31.70	55.00 2.31 -35.85
HOLTSVILLE_IC_4 23693	57.51 2.70 -33.53	52.47 2.76 -27.25	46.71 2.78 -21.33	45.35 2.71 -20.65	45.59 2.59 -21.78	56.27 3.42 -25.50	70.50 5.88 -21.41	74.40 7.20 -15.80	73.92 7.31 -13.67	73.78 7.10 -14.86	67.07 6.70 -11.82	62.56 6.41 -9.74	59.87 6.09 -9.37	58.71 5.28 -16.26	58.66 4.82 -20.37	59.37 4.96 -19.96	71.36 7.53 -3.60	80.17 7.86 -8.43	74.31 6.89 -18.53	68.49 4.89 -30.11	63.49 4.31 -27.72	62.38 3.41 -33.67	56.70 2.91 -31.70	55.00 2.31 -35.85
HOLTSVILLE_IC_5 23694	57.51 2.70 -33.53	52.47 2.76 -27.25	46.71 2.78 -21.33	45.35 2.71 -20.65	45.59 2.59 -21.78	56.27 3.42 -25.50	70.50 5.88 -21.41	74.40 7.20 -15.80	73.92 7.31 -13.67	73.78 7.10 -14.86	67.07 6.70 -11.82	62.56 6.41 -9.74	59.87 6.09 -9.37	58.71 5.28 -16.26	58.66 4.82 -20.37	59.37 4.96 -19.96	71.36 7.53 -3.60	80.17 7.86 -8.43	74.31 6.89 -18.53	68.49 4.89 -30.11	63.49 4.31 -27.72	62.38 3.41 -33.67	56.70 2.91 -31.70	55.00 2.31 -35.85
HOLTSVILLE_IC_6 23695	57.88 2.87 -33.73	53.01 2.92 -27.63	46.97 2.94 -21.43	45.45 2.84 -20.61	45.82 2.74 -21.85	56.59 3.58 -25.66	71.07 6.22 -21.62	75.27 7.71 -16.16	74.61 7.78 -13.89	74.42 7.57 -15.03	67.82 7.14 -12.14	63.13 6.82 -9.89	60.23 6.44 -9.38	59.00 5.57 -16.26	58.92 5.08 -20.37	59.68 5.27 -19.96	71.90 8.07 -3.60	80.81 8.50 -8.43	74.74 7.33 -18.53	68.82 5.22 -30.11	63.81 4.63 -27.72	62.61 3.64 -33.67	56.90 3.11 -31.70	55.12 2.43 -35.85
HOLTSVILLE_IC_7 23696	57.88 2.87 -33.73	53.01 2.92 -27.63	46.97 2.94 -21.43	45.45 2.84 -20.61	45.82 2.74 -21.85	56.59 3.58 -25.66	71.07 6.22 -21.62	75.27 7.71 -16.16	74.61 7.78 -13.89	74.42 7.57 -15.03	67.82 7.14 -12.14	63.13 6.82 -9.89	60.23 6.44 -9.38	59.00 5.57 -16.26	58.92 5.08 -20.37	59.68 5.27 -19.96	71.90 8.07 -3.60	80.81 8.50 -8.43	74.74 7.33 -18.53	68.82 5.22 -30.11	63.81 4.63 -27.72	62.61 3.64 -33.67	56.90 3.11 -31.70	55.12 2.43 -35.85
HOLTSVILLE_IC_8 23697	57.88 2.87 -33.73	53.01 2.92 -27.63	46.97 2.94 -21.43	45.45 2.84 -20.61	45.82 2.74 -21.85	56.59 3.58 -25.66	71.07 6.22 -21.62	75.27 7.71 -16.16	74.61 7.78 -13.89	74.42 7.57 -15.03	67.82 7.14 -12.14	63.13 6.82 -9.89	60.23 6.44 -9.38	59.00 5.57 -16.26	58.92 5.08 -20.37	59.68 5.27 -19.96	71.90 8.07 -3.60	80.81 8.50 -8.43	74.74 7.33 -18.53	68.82 5.22 -30.11	63.81 4.63 -27.72	62.61 3.64 -33.67	56.90 3.11 -31.70	55.12 2.43 -35.85



HOLTSVILLE_IC_9 23698	57.88 2.87 -33.73	53.01 2.92 -27.63	46.97 2.94 -21.43	45.45 2.84 -20.61	45.82 2.74 -21.85	56.59 3.58 -25.66	71.07 6.22 -21.62	75.27 7.71 -16.16	74.61 7.78 -13.89	74.42 7.57 -15.03	67.82 7.14 -12.14	63.13 6.82 -9.89	60.23 6.44 -9.38	59.00 5.57 -16.26	58.92 5.08 -20.37	59.68 5.27 -19.96	71.90 8.07 -3.60	80.81 8.50 -8.43	74.74 7.33 -18.53	68.82 5.22 -30.11	63.81 4.63 -27.72	62.61 3.64 -33.67	56.90 3.11 -31.70	55.12 2.43 -35.85
HOWARD_WT_PWR 323690	25.50 1.17 -3.06	26.44 1.19 -2.79	26.20 1.15 -2.44	25.50 1.10 -2.41	25.16 1.12 -2.81	30.84 1.34 -2.15	46.07 2.85 0.00	54.59 3.19 0.00	56.06 3.12 0.00	54.67 2.85 0.00	51.11 2.57 0.00	48.68 2.27 0.00	46.15 1.73 0.00	40.44 1.34 -1.93	37.03 1.24 -2.32	37.72 1.07 -2.21	60.47 0.24 0.00	64.78 0.89 0.00	50.81 0.88 -1.04	38.28 1.27 -3.52	36.69 0.88 -4.35	31.34 1.11 -4.93	27.01 0.86 -4.06	21.93 0.47 -4.62
HQ_GEN_CEDARS 23644	19.83 -1.45 0.00	21.00 -1.46 0.00	21.11 -1.49 0.00	20.55 -1.45 0.00	19.76 -1.46 0.00	25.54 -1.81 0.00	40.54 -2.68 0.00	48.42 -2.98 0.00	50.08 -2.86 0.00	48.87 -2.95 0.00	45.58 -2.96 0.00	43.63 -2.78 0.00	41.75 -2.66 0.00	34.90 -2.27 0.00	31.32 -2.14 0.00	32.24 -2.21 0.00	58.06 -2.17 0.00	61.65 -2.24 0.00	46.64 -2.25 0.00	31.14 -2.35 0.00	29.26 -2.20 0.00	23.22 -2.07 0.00	20.29 -1.79 0.00	15.87 -0.98 0.00
HQ_GEN_CEDARS_PROXY 323590	19.83 -1.45 0.00	21.00 -1.46 0.00	21.11 -1.49 0.00	20.55 -1.45 0.00	19.76 -1.46 0.00	25.54 -1.81 0.00	40.54 -2.68 0.00	48.42 -2.98 0.00	50.08 -2.86 0.00	48.87 -2.95 0.00	45.58 -2.96 0.00	43.63 -2.78 0.00	41.75 -2.66 0.00	34.90 -2.27 0.00	31.32 -2.14 0.00	32.24 -2.21 0.00	58.06 -2.17 0.00	61.65 -2.24 0.00	46.64 -2.25 0.00	31.14 -2.35 0.00	29.26 -2.20 0.00	23.22 -2.07 0.00	20.29 -1.79 0.00	15.87 -0.98 0.00
HQ_GEN_IMPORT 323601	20.53 -0.75 0.00	21.22 -0.79 0.45	21.22 -0.79 0.59	20.46 -0.77 0.77	20.46 -0.76 0.00	26.39 -0.96 0.00	39.00 -1.47 2.75	49.71 -1.69 0.00	51.24 -1.70 0.00	37.27 -1.71 12.85	37.27 -1.65 9.62	37.27 -1.58 7.56	33.50 -1.51 9.40	30.48 -1.23 5.47	30.48 -1.14 1.85	33.35 -1.10 0.00	58.96 -1.27 0.00	62.61 -1.28 0.00	47.47 -1.42 0.00	32.28 -1.20 0.00	30.33 -1.13 0.00	24.28 -1.01 0.00	21.22 -0.86 0.00	16.27 -0.57 0.00
HQ_GEN_WHEEL 23651	20.53 -0.75 0.00	21.67 -0.79 0.00	21.81 -0.79 0.00	21.23 -0.77 0.00	20.46 -0.76 0.00	26.39 -0.96 0.00	41.75 -1.47 0.00	49.71 -1.69 0.00	51.24 -1.70 0.00	50.12 -1.71 0.00	46.89 -1.65 0.00	44.83 -1.58 0.00	42.90 -1.51 0.00	35.95 -1.23 0.00	32.33 -1.14 0.00	33.35 -1.10 0.00	58.96 -1.27 0.00	62.61 -1.28 0.00	47.47 -1.42 0.00	32.28 -1.20 0.00	30.33 -1.13 0.00	24.28 -1.01 0.00	21.22 -0.86 0.00	16.27 -0.57 0.00
HUDSON_AVE_GT_3 23810	37.24 1.98 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.01	35.93 1.85 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	57.01 5.60 0.00	58.60 5.67 0.00	57.37 5.55 0.00	53.93 5.39 0.00	51.51 5.11 0.00	49.39 4.97 0.00	50.27 4.31 -8.79	47.94 3.91 -10.57	48.54 4.06 -10.03	66.19 5.96 0.00	70.15 6.26 0.00	59.34 5.62 -4.83	53.76 3.88 -16.39	55.02 3.33 -20.23	50.96 2.71 -22.96	43.29 2.30 -18.91	40.10 1.75 -21.50
HUDSON_AVE_GT_4 23540	37.24 1.98 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.01	35.93 1.85 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	57.01 5.60 0.00	58.60 5.67 0.00	57.37 5.55 0.00	53.93 5.39 0.00	51.51 5.11 0.00	49.39 4.97 0.00	50.27 4.31 -8.79	47.94 3.91 -10.57	48.54 4.06 -10.03	66.19 5.96 0.00	70.15 6.26 0.00	59.34 5.62 -4.83	53.76 3.88 -16.39	55.02 3.33 -20.23	50.96 2.71 -22.96	43.29 2.30 -18.91	40.10 1.75 -21.50
HUDSON_AVE_GT_5 23657	37.24 1.98 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.01	35.93 1.85 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	57.01 5.60 0.00	58.60 5.67 0.00	57.37 5.55 0.00	53.93 5.39 0.00	51.51 5.11 0.00	49.39 4.97 0.00	50.27 4.31 -8.79	47.94 3.91 -10.57	48.54 4.06 -10.03	66.19 5.96 0.00	70.15 6.26 0.00	59.34 5.62 -4.83	53.76 3.88 -16.39	55.02 3.33 -20.23	50.96 2.71 -22.96	43.29 2.30 -18.91	40.10 1.75 -21.50
HUDSON_AVE_10 24168	37.14 1.87 -13.99	37.10 1.86 -12.78	35.66 1.87 -11.19	34.84 1.82 -11.01	35.83 1.74 -12.86	39.52 2.32 -9.84	47.50 4.28 0.00	56.85 5.45 0.00	58.49 5.56 0.00	57.32 5.49 0.00	53.74 5.20 0.00	51.38 4.97 0.00	49.26 4.84 0.00	50.12 4.16 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.66 3.78 -16.39	54.93 3.24 -20.23	50.83 2.58 -22.96	43.20 2.21 -18.91	40.05 1.70 -21.50
HUNTER_MOUNT___DRP 323613	38.54 2.06 -15.20	38.39 2.04 -13.88	36.81 2.06 -12.16	35.95 1.98 -11.97	37.30 2.10 -13.98	40.73 2.68 -10.70	47.28 4.06 0.00	55.72 4.32 0.00	57.49 4.55 0.00	55.97 4.15 0.00	52.91 4.37 0.00	50.54 4.13 0.00	48.32 3.91 0.00	50.24 3.57 -9.50	48.23 3.35 -11.42	48.64 3.34 -10.85	64.62 4.39 0.00	68.87 4.99 0.00	58.91 4.74 -5.28	54.63 3.18 -17.96	56.21 2.58 -22.17	52.70 2.25 -25.16	44.73 1.92 -20.73	41.77 1.36 -23.56
HUNTINGTON_RES_REC 323705	57.55 2.55 -33.72	52.73 2.60 -27.67	46.65 2.62 -21.43	45.12 2.53 -20.59	45.51 2.44 -21.85	56.21 3.20 -25.66	70.45 5.62 -21.62	74.38 6.78 -16.20	73.78 6.93 -13.91	73.60 6.73 -15.05	66.97 6.26 -12.17	62.26 5.94 -9.91	59.48 5.69 -9.38	58.37 4.94 -16.26	58.35 4.52 -20.37	59.06 4.65 -19.96	70.81 6.98 -3.60	79.59 7.28 -8.43	73.82 6.40 -18.53	68.12 4.52 -30.11	63.18 4.00 -27.72	62.28 3.31 -33.67	56.65 2.87 -31.70	54.90 2.21 -35.85
HUNTLEY___63 23557	23.46 -0.15 -2.33	24.35 -0.25 -2.13	24.15 -0.32 -1.87	23.46 -0.37 -1.84	23.09 -0.28 -2.15	28.36 -0.63 -1.64	43.09 -0.13 0.00	51.15 -0.26 0.00	52.67 -0.26 0.00	51.62 -0.21 0.00	48.45 -0.10 0.00	46.36 -0.05 0.00	44.01 -0.40 0.00	38.21 -0.44 -1.48	35.01 -0.23 -1.78	35.76 -0.38 -1.69	57.75 -2.47 0.00	61.90 -1.98 0.00	48.57 -1.12 -0.80	36.25 0.07 -2.70	34.51 -0.28 -3.33	29.43 0.35 -3.78	25.37 0.18 -3.11	20.13 -0.25 -3.54
HUNTLEY___64 23558	23.46 -0.15 -2.33	24.35 -0.25 -2.13	24.15 -0.32 -1.87	23.46 -0.37 -1.84	23.09 -0.28 -2.15	28.36 -0.63 -1.64	43.09 -0.13 0.00	51.15 -0.26 0.00	52.67 -0.26 0.00	51.62 -0.21 0.00	48.45 -0.10 0.00	46.36 -0.05 0.00	44.01 -0.40 0.00	38.21 -0.44 -1.48	35.01 -0.23 -1.78	35.76 -0.38 -1.69	57.75 -2.47 0.00	61.90 -1.98 0.00	48.57 -1.12 -0.80	36.25 0.07 -2.70	34.51 -0.28 -3.33	29.43 0.35 -3.78	25.37 0.18 -3.11	20.13 -0.25 -3.54
HUNTLEY___65 23559	23.46 -0.15 -2.33	24.35 -0.25 -2.13	24.15 -0.32 -1.87	23.46 -0.37 -1.84	23.09 -0.28 -2.15	28.36 -0.63 -1.64	43.09 -0.13 0.00	51.15 -0.26 0.00	52.67 -0.26 0.00	51.62 -0.21 0.00	48.45 -0.10 0.00	46.36 -0.05 0.00	44.01 -0.40 0.00	38.21 -0.44 -1.48	35.01 -0.23 -1.78	35.76 -0.38 -1.69	57.75 -2.47 0.00	61.90 -1.98 0.00	48.57 -1.12 -0.80	36.25 0.07 -2.70	34.51 -0.28 -3.33	29.43 0.35 -3.78	25.37 0.18 -3.11	20.13 -0.25 -3.54



HUNTLEY___66 23560	23.46 -0.15 -2.33	24.35 -0.25 -2.13	24.15 -0.32 -1.87	23.46 -0.37 -1.84	23.09 -0.28 -2.15	28.36 -0.63 -1.64	43.09 -0.13 0.00	51.15 -0.26 0.00	52.67 -0.26 0.00	51.62 -0.21 0.00	48.45 -0.10 0.00	46.36 -0.05 0.00	44.01 -0.40 0.00	38.21 -0.44 -1.48	35.01 -0.23 -1.78	35.76 -0.38 -1.69	57.75 -2.47 0.00	61.90 -1.98 0.00	48.57 -1.12 -0.80	36.25 0.07 -2.70	34.51 -0.28 -3.33	29.43 0.35 -3.78	25.37 0.18 -3.11	20.13 -0.25 -3.54
HUNTLEY___67 23561	23.48 -0.19 -2.40	24.36 -0.29 -2.19	24.15 -0.36 -1.92	23.47 -0.42 -1.89	23.13 -0.30 -2.20	28.35 -0.68 -1.69	42.92 -0.30 0.00	50.89 -0.51 0.00	52.36 -0.58 0.00	51.31 -0.52 0.00	48.11 -0.44 0.00	46.04 -0.37 0.00	43.79 -0.62 0.00	38.06 -0.63 -1.52	34.89 -0.40 -1.82	35.63 -0.55 -1.73	57.46 -2.77 0.00	61.59 -2.30 0.00	48.39 -1.32 -0.82	36.19 -0.07 -2.77	34.47 -0.41 -3.42	29.40 0.23 -3.88	25.34 0.07 -3.20	20.19 -0.29 -3.63
HUNTLEY___68 23562	24.00 0.26 -2.47	24.89 0.18 -2.26	24.69 0.11 -1.97	23.99 0.04 -1.94	23.62 0.13 -2.27	29.00 -0.08 -1.74	43.95 0.73 0.00	52.12 0.72 0.00	53.62 0.69 0.00	52.50 0.67 0.00	49.27 0.73 0.00	47.15 0.74 0.00	44.81 0.40 0.00	39.00 0.26 -1.56	35.74 0.40 -1.88	36.47 0.24 -1.78	58.72 -1.50 0.00	62.93 -0.96 0.00	49.44 -0.29 -0.85	37.01 0.67 -2.86	35.21 0.22 -3.53	30.05 0.76 -4.00	25.89 0.51 -3.30	20.62 0.03 -3.75
HYLAND___LFGE 323620	24.90 1.11 -2.51	25.86 1.10 -2.30	25.70 1.08 -2.01	25.01 1.03 -1.98	24.60 1.06 -2.31	30.43 1.31 -1.77	46.29 3.07 0.00	55.36 3.96 0.00	56.59 3.65 0.00	55.35 3.53 0.00	51.75 3.20 0.00	49.61 3.20 0.00	47.03 2.62 0.00	40.81 2.04 -1.59	37.21 1.84 -1.91	38.05 1.79 -1.81	62.51 2.29 0.00	67.20 3.32 0.00	52.14 2.39 -0.86	38.53 2.15 -2.90	36.80 1.76 -3.58	31.15 1.80 -4.06	26.78 1.35 -3.35	21.51 0.86 -3.81
INDECK___CORINTH 23802	42.28 1.62 -19.39	41.86 1.69 -17.72	39.78 1.67 -15.51	38.90 1.63 -15.27	40.63 1.57 -17.83	43.13 2.13 -13.65	46.98 3.76 0.00	55.93 4.52 0.00	57.75 4.82 0.00	56.59 4.76 0.00	53.10 4.56 0.00	50.77 4.36 0.00	48.59 4.17 0.00	53.10 3.53 -12.40	51.51 3.14 -14.90	51.74 3.13 -14.15	65.34 5.12 0.00	69.25 5.37 0.00	60.05 4.49 -6.67	58.82 3.05 -22.28	61.70 2.74 -27.51	58.74 2.23 -31.22	49.56 1.77 -25.72	47.23 1.15 -29.24
INDECK___ILION 23567	21.45 0.62 0.44	22.73 0.67 0.40	22.92 0.68 0.35	22.35 0.70 0.35	21.52 0.70 0.41	27.99 0.96 0.31	44.86 1.64 0.00	53.30 1.90 0.00	55.00 2.06 0.00	53.95 2.13 0.00	50.49 1.94 0.00	48.27 1.86 0.00	46.15 1.73 0.00	38.24 1.34 0.27	34.34 1.20 0.33	35.27 1.14 0.31	61.97 1.75 0.00	65.67 1.79 0.00	50.06 1.32 0.15	33.95 0.97 0.51	31.75 0.91 0.63	25.34 0.76 0.71	22.16 0.66 0.59	16.65 0.47 0.67
INDECK___OLEAN 23982	25.77 1.77 -2.73	26.73 1.77 -2.50	26.50 1.72 -2.19	25.78 1.63 -2.15	25.41 1.68 -2.51	31.16 1.89 -1.92	46.89 3.67 0.00	55.05 3.65 0.00	56.59 3.65 0.00	55.40 3.57 0.00	52.19 3.64 0.00	49.52 3.11 0.00	47.26 2.85 0.00	41.28 2.38 -1.73	37.92 2.38 -2.08	38.49 2.07 -1.97	61.43 1.20 0.00	65.93 2.04 0.00	52.02 2.20 -0.93	39.24 2.61 -3.13	36.99 1.67 -3.87	31.66 1.97 -4.39	27.29 1.59 -3.62	21.90 0.94 -4.11
INDECK___OSWEGO 23783	22.17 -0.23 -1.13	23.24 -0.25 -1.03	23.23 -0.27 -0.90	22.62 -0.26 -0.89	22.03 -0.23 -1.04	27.81 -0.33 -0.79	42.53 -0.69 0.00	50.42 -0.98 0.00	51.93 -1.01 0.00	50.84 -0.99 0.00	47.57 -0.97 0.00	45.48 -0.93 0.00	43.53 -0.89 0.00	37.10 -0.78 -0.71	33.62 -0.70 -0.86	34.51 -0.76 -0.81	58.66 -1.57 0.00	62.35 -1.53 0.00	48.10 -1.17 -0.38	34.18 -0.60 -1.30	32.65 -0.41 -1.60	26.86 -0.25 -1.82	23.38 -0.20 -1.50	18.34 -0.20 -1.70
INDECK___YERKES 23781	23.49 -0.13 -2.33	24.39 -0.20 -2.13	24.17 -0.29 -1.87	23.49 -0.35 -1.84	23.14 -0.23 -2.15	28.39 -0.60 -1.64	43.18 -0.04 0.00	51.20 -0.20 0.00	52.73 -0.21 0.00	51.67 -0.16 0.00	48.49 -0.05 0.00	46.41 0.00 0.00	44.06 -0.36 0.00	38.24 -0.41 -1.48	35.07 -0.17 -1.78	35.82 -0.31 -1.69	57.88 -2.35 0.00	61.97 -1.91 0.00	48.61 -1.08 -0.80	36.29 0.10 -2.70	34.54 -0.25 -3.33	29.45 0.38 -3.78	25.39 0.20 -3.11	20.15 -0.24 -3.54
INDIAN POINT_GT_1 24139	36.85 1.70 -13.87	36.81 1.69 -12.67	35.41 1.72 -11.09	34.59 1.67 -10.92	35.57 1.59 -12.75	39.21 2.11 -9.76	46.98 3.76 0.00	56.08 4.68 0.00	57.70 4.77 0.00	56.44 4.61 0.00	53.06 4.52 0.00	50.73 4.32 0.00	48.64 4.22 0.00	49.53 3.65 -8.71	47.25 3.31 -10.47	47.80 3.41 -9.94	65.10 4.88 0.00	69.06 5.17 0.00	58.37 4.69 -4.79	53.05 3.32 -16.25	54.35 2.83 -20.06	50.36 2.30 -22.77	42.73 1.90 -18.75	39.60 1.43 -21.32
INDIAN POINT_GT_2 23659	36.85 1.70 -13.87	36.81 1.69 -12.67	35.41 1.72 -11.09	34.59 1.67 -10.92	35.57 1.59 -12.75	39.21 2.11 -9.76	46.98 3.76 0.00	56.08 4.68 0.00	57.70 4.77 0.00	56.44 4.61 0.00	53.06 4.52 0.00	50.73 4.32 0.00	48.64 4.22 0.00	49.53 3.65 -8.71	47.25 3.31 -10.47	47.80 3.41 -9.94	65.10 4.88 0.00	69.06 5.17 0.00	58.37 4.69 -4.79	53.05 3.32 -16.25	54.35 2.83 -20.06	50.36 2.30 -22.77	42.73 1.90 -18.75	39.60 1.43 -21.32
INDIAN POINT_GT_3 24019	36.85 1.70 -13.87	36.81 1.69 -12.67	35.41 1.72 -11.09	34.59 1.67 -10.92	35.57 1.59 -12.75	39.21 2.11 -9.76	46.98 3.76 0.00	56.08 4.68 0.00	57.70 4.77 0.00	56.44 4.61 0.00	53.06 4.52 0.00	50.73 4.32 0.00	48.64 4.22 0.00	49.53 3.65 -8.71	47.25 3.31 -10.47	47.80 3.41 -9.94	65.10 4.88 0.00	69.06 5.17 0.00	58.37 4.69 -4.79	53.05 3.32 -16.25	54.35 2.83 -20.06	50.36 2.30 -22.77	42.73 1.90 -18.75	39.60 1.43 -21.32
INDIAN POINT___2 23530	36.57 1.62 -13.68	36.57 1.62 -12.49	35.17 1.63 -10.94	34.35 1.58 -10.77	35.33 1.53 -12.58	39.00 2.02 -9.63	46.85 3.63 0.00	55.87 4.47 0.00	57.43 4.50 0.00	56.23 4.40 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.46 4.04 0.00	49.26 3.49 -8.59	47.00 3.21 -10.33	47.56 3.31 -9.81	64.86 4.64 0.00	68.74 4.85 0.00	58.17 4.55 -4.73	52.71 3.18 -16.04	53.97 2.71 -19.81	49.97 2.20 -22.48	42.41 1.81 -18.52	39.28 1.38 -21.05
INDIAN POINT___3 23531	36.77 1.62 -13.88	36.75 1.62 -12.68	35.33 1.63 -11.10	34.51 1.58 -10.93	35.51 1.53 -12.76	39.14 2.02 -9.77	46.80 3.59 0.00	55.87 4.47 0.00	57.43 4.50 0.00	56.23 4.40 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.46 4.04 0.00	49.38 3.49 -8.72	47.13 3.18 -10.48	47.68 3.27 -9.95	64.86 4.64 0.00	68.74 4.85 0.00	58.18 4.49 -4.79	52.89 3.15 -16.26	54.24 2.71 -20.07	50.27 2.20 -22.78	42.66 1.81 -18.77	39.54 1.36 -21.34
IP CORINTH___1 23988	42.41 1.75 -19.39	41.99 1.82 -17.72	39.92 1.81 -15.51	39.03 1.76 -15.27	40.75 1.70 -17.83	43.26 2.27 -13.65	47.24 4.02 0.00	56.23 4.83 0.00	58.07 5.13 0.00	56.91 5.08 0.00	53.40 4.85 0.00	51.05 4.64 0.00	48.86 4.44 0.00	53.32 3.75 -12.40	51.71 3.35 -14.90	51.94 3.34 -14.15	65.65 5.42 0.00	69.64 5.75 0.00	60.35 4.79 -6.67	59.02 3.25 -22.28	61.92 2.96 -27.51	58.89 2.38 -31.22	49.70 1.90 -25.72	47.33 1.25 -29.24



IP___TICONDEROGA 23804	43.72 3.83 -18.62	43.47 4.00 -17.01	41.47 3.98 -14.89	40.53 3.87 -14.66	42.08 3.74 -17.12	45.35 4.89 -13.10	51.65 8.43 0.00	61.58 10.18 0.00	63.42 10.48 0.00	62.09 10.26 0.00	58.39 9.85 0.00	55.83 9.42 0.00	53.39 8.97 0.00	56.63 7.58 -11.88	54.57 6.82 -14.28	54.94 6.93 -13.56	71.54 11.32 0.00	75.96 12.08 0.00	65.16 9.88 -6.40	61.73 6.83 -21.42	64.10 6.20 -26.44	60.33 5.03 -30.00	50.75 3.95 -24.72	47.84 2.90 -28.10
ISLIP_RES_REC 323679	58.10 2.96 -33.86	53.36 3.01 -27.89	47.11 3.01 -21.50	45.51 2.93 -20.59	45.95 2.82 -21.90	56.81 3.69 -25.77	71.43 6.44 -21.77	75.82 8.02 -16.41	75.07 8.10 -14.03	74.90 7.93 -15.15	68.36 7.47 -12.35	63.51 7.10 -10.00	60.51 6.71 -9.38	59.23 5.80 -16.26	59.12 5.29 -20.37	59.85 5.44 -19.96	72.26 8.43 -3.60	81.25 8.94 -8.43	75.09 7.68 -18.53	69.02 5.42 -30.11	63.99 4.81 -27.72	62.76 3.79 -33.67	57.01 3.22 -31.70	55.21 2.51 -35.85
JARVIS____ 23743	21.05 0.21 0.44	22.28 0.22 0.40	22.47 0.23 0.35	21.87 0.22 0.35	21.03 0.21 0.41	27.31 0.27 0.31	43.69 0.48 0.00	51.92 0.51 0.00	53.47 0.53 0.00	52.40 0.57 0.00	49.08 0.53 0.00	46.92 0.51 0.00	44.90 0.49 0.00	37.27 0.37 0.27	33.47 0.33 0.33	34.45 0.31 0.31	60.59 0.36 0.00	64.27 0.39 0.00	49.09 0.34 0.15	33.28 0.30 0.51	31.11 0.28 0.63	24.86 0.28 0.71	21.72 0.22 0.59	16.31 0.13 0.67
JENNISON____1 23625	27.81 1.51 -5.02	28.62 1.57 -4.59	28.17 1.56 -4.02	27.47 1.52 -3.95	27.30 1.46 -4.62	32.88 2.00 -3.53	47.02 3.80 0.00	55.77 4.37 0.00	57.70 4.77 0.00	56.75 4.93 0.00	52.82 4.27 0.00	50.35 3.94 0.00	48.24 3.82 0.00	43.14 2.79 -3.18	39.83 2.54 -3.82	40.52 2.45 -3.63	63.90 3.67 0.00	68.03 4.15 0.00	53.83 3.23 -1.71	41.65 2.38 -5.78	40.71 2.11 -7.14	35.17 1.77 -8.10	30.24 1.48 -6.67	25.44 1.01 -7.59
JENNISON____2 23626	27.81 1.51 -5.02	28.62 1.57 -4.59	28.17 1.56 -4.02	27.47 1.52 -3.95	27.30 1.46 -4.62	32.88 2.00 -3.53	47.02 3.80 0.00	55.77 4.37 0.00	57.70 4.77 0.00	56.75 4.93 0.00	52.82 4.27 0.00	50.35 3.94 0.00	48.24 3.82 0.00	43.14 2.79 -3.18	39.83 2.54 -3.82	40.52 2.45 -3.63	63.90 3.67 0.00	68.03 4.15 0.00	53.83 3.23 -1.71	41.65 2.38 -5.78	40.71 2.11 -7.14	35.17 1.77 -8.10	30.24 1.48 -6.67	25.44 1.01 -7.59
JERICHO_RISE_WT_PWR 323719	20.38 -0.89 0.00	21.58 -0.88 0.00	21.70 -0.90 0.00	21.08 -0.92 0.00	20.27 -0.95 0.00	26.17 -1.18 0.00	41.58 -1.64 0.00	49.75 -1.65 0.00	51.45 -1.48 0.00	50.16 -1.66 0.00	46.94 -1.60 0.00	44.92 -1.49 0.00	42.95 -1.46 0.00	36.02 -1.15 0.00	32.33 -1.14 0.00	33.28 -1.17 0.00	58.96 -1.27 0.00	62.48 -1.41 0.00	47.28 -1.61 0.00	31.98 -1.51 0.00	29.89 -1.57 0.00	23.65 -1.64 0.00	20.62 -1.46 0.00	15.88 -0.96 0.00
KEDC_PORT_JEFF_GT2 24210	57.76 2.83 -33.65	52.82 2.88 -27.49	46.86 2.87 -21.39	45.42 2.79 -20.62	45.74 2.70 -21.83	56.48 3.53 -25.60	70.89 6.13 -21.54	74.99 7.56 -16.03	74.42 7.67 -13.81	74.25 7.46 -14.96	67.60 7.04 -12.02	62.97 6.73 -9.84	60.14 6.35 -9.37	58.93 5.50 -16.26	58.85 5.02 -20.37	59.61 5.20 -19.96	71.60 7.77 -3.60	80.49 8.18 -8.43	74.55 7.14 -18.53	68.75 5.15 -30.11	63.74 4.56 -27.72	62.56 3.59 -33.67	56.85 3.07 -31.70	55.11 2.41 -35.85
KEDC_PORT_JEFF_GT3 24211	57.76 2.83 -33.65	52.82 2.88 -27.49	46.86 2.87 -21.39	45.42 2.79 -20.62	45.74 2.70 -21.83	56.48 3.53 -25.60	70.89 6.13 -21.54	74.99 7.56 -16.03	74.42 7.67 -13.81	74.25 7.46 -14.96	67.60 7.04 -12.02	62.97 6.73 -9.84	60.14 6.35 -9.37	58.93 5.50 -16.26	58.85 5.02 -20.37	59.61 5.20 -19.96	71.60 7.77 -3.60	80.49 8.18 -8.43	74.55 7.14 -18.53	68.75 5.15 -30.11	63.74 4.56 -27.72	62.56 3.59 -33.67	56.85 3.07 -31.70	55.11 2.41 -35.85
KEDC_GLWD_GT4 24219	63.13 2.25 -39.59	68.02 2.27 -43.30	49.36 2.28 -24.48	41.32 2.22 -17.10	46.95 2.12 -23.60	60.51 2.79 -30.37	76.07 4.80 -28.05	88.20 5.96 -30.84	81.65 6.03 -22.68	79.74 5.91 -22.01	79.20 5.73 -24.93	67.96 5.43 -16.12	59.60 5.42 -9.77	58.08 4.65 -16.26	58.05 4.22 -20.37	58.75 4.34 -19.96	70.15 6.32 -3.60	78.95 6.64 -8.43	73.33 5.91 -18.53	67.72 4.12 -30.11	62.73 3.55 -27.72	61.85 2.88 -33.67	56.28 2.49 -31.70	54.58 1.89 -35.85
KEDC_GLWD_GT5 24220	63.13 2.25 -39.59	68.02 2.27 -43.30	49.36 2.28 -24.48	41.32 2.22 -17.10	46.95 2.12 -23.60	60.51 2.79 -30.37	76.07 4.80 -28.05	88.20 5.96 -30.84	81.65 6.03 -22.68	79.74 5.91 -22.01	79.20 5.73 -24.93	67.96 5.43 -16.12	59.60 5.42 -9.77	58.08 4.65 -16.26	58.05 4.22 -20.37	58.75 4.34 -19.96	70.15 6.32 -3.60	78.95 6.64 -8.43	73.33 5.91 -18.53	67.72 4.12 -30.11	62.73 3.55 -27.72	61.85 2.88 -33.67	56.28 2.49 -31.70	54.58 1.89 -35.85
KENSICO____ 23655	37.08 1.83 -13.97	37.04 1.82 -12.76	35.60 1.83 -11.17	34.78 1.78 -11.00	35.79 1.72 -12.85	39.45 2.27 -9.83	47.28 4.06 0.00	56.44 5.04 0.00	58.02 5.08 0.00	56.80 4.98 0.00	53.40 4.85 0.00	51.05 4.64 0.00	48.90 4.48 0.00	49.85 3.90 -8.78	47.56 3.55 -10.55	48.12 3.65 -10.02	65.53 5.30 0.00	69.44 5.56 0.00	58.75 5.04 -4.83	53.37 3.52 -16.36	54.68 3.02 -20.20	50.67 2.45 -22.93	43.00 2.03 -18.89	39.86 1.55 -21.47
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.16 1.72 -13.16	36.17 1.69 -12.02	34.85 1.72 -10.53	34.06 1.69 -10.37	34.98 1.66 -12.10	38.83 2.21 -9.26	47.15 3.93 0.00	55.97 4.57 0.00	57.65 4.71 0.00	56.33 4.51 0.00	52.96 4.42 0.00	50.63 4.22 0.00	48.46 4.04 0.00	48.95 3.57 -8.21	46.61 3.28 -9.87	47.16 3.34 -9.37	64.68 4.46 0.00	68.68 4.79 0.00	57.96 4.49 -4.57	52.21 3.11 -15.60	53.33 2.61 -19.26	49.36 2.20 -21.86	41.90 1.81 -18.01	38.67 1.35 -20.48
KIAC_JFK_GT1 23816	36.94 1.68 -13.99	36.88 1.64 -12.78	35.44 1.65 -11.19	34.62 1.61 -11.01	35.61 1.53 -12.86	39.27 2.08 -9.84	47.28 4.06 0.00	56.75 5.35 0.00	58.55 5.61 0.00	57.32 5.49 0.00	53.59 5.05 0.00	51.24 4.83 0.00	49.08 4.66 0.00	50.01 4.05 -8.79	47.68 3.65 -10.57	48.30 3.82 -10.03	65.83 5.60 0.00	69.70 5.81 0.00	59.05 5.33 -4.83	53.56 3.68 -16.39	54.84 3.15 -20.23	50.68 2.43 -22.96	43.11 2.12 -18.91	40.00 1.65 -21.50
KIAC_JFK_GT2 23817	36.94 1.68 -13.99	36.88 1.64 -12.78	35.44 1.65 -11.19	34.62 1.61 -11.01	35.61 1.53 -12.86	39.27 2.08 -9.84	47.28 4.06 0.00	56.75 5.35 0.00	58.55 5.61 0.00	57.32 5.49 0.00	53.59 5.05 0.00	51.24 4.83 0.00	49.08 4.66 0.00	50.01 4.05 -8.79	47.68 3.65 -10.57	48.30 3.82 -10.03	65.83 5.60 0.00	69.70 5.81 0.00	59.05 5.33 -4.83	53.56 3.68 -16.39	54.84 3.15 -20.23	50.68 2.43 -22.96	43.11 2.12 -18.91	40.00 1.65 -21.50
KINTIGH____ 23543	22.66 -0.25 -1.64	23.64 -0.31 -1.50	23.57 -0.34 -1.31	22.94 -0.35 -1.29	22.44 -0.30 -1.51	28.01 -0.49 -1.16	42.74 -0.47 0.00	50.89 -0.51 0.00	52.30 -0.63 0.00	51.21 -0.62 0.00	47.91 -0.63 0.00	45.90 -0.51 0.00	43.75 -0.67 0.00	37.58 -0.63 -1.04	34.17 -0.54 -1.25	35.02 -0.62 -1.19	58.48 -1.75 0.00	62.48 -1.41 0.00	48.42 -1.03 -0.56	35.08 -0.30 -1.89	33.45 -0.35 -2.34	27.92 -0.03 -2.65	24.18 -0.09 -2.18	19.13 -0.20 -2.48



LEDERLE____ 23769	36.48 1.72 -13.48	36.48 1.71 -12.32	35.13 1.74 -10.79	34.31 1.69 -10.62	35.26 1.63 -12.40	39.00 2.16 -9.49	47.02 3.80 0.00	56.03 4.63 0.00	57.65 4.71 0.00	56.39 4.56 0.00	53.06 4.52 0.00	50.73 4.32 0.00	48.64 4.22 0.00	49.32 3.68 -8.47	47.02 3.38 -10.18	47.56 3.44 -9.67	65.04 4.82 0.00	69.06 5.17 0.00	58.30 4.74 -4.67	52.67 3.35 -15.83	53.83 2.83 -19.54	49.80 2.33 -22.18	42.27 1.92 -18.27	39.04 1.43 -20.77
LINDEN COGEN____ 23786	37.14 1.87 -13.99	37.10 1.86 -12.78	35.66 1.87 -11.19	34.84 1.82 -11.01	35.83 1.74 -12.86	39.52 2.32 -9.84	47.54 4.32 0.00	56.80 5.40 0.00	58.34 5.40 0.00	57.11 5.29 0.00	53.64 5.10 0.00	51.28 4.87 0.00	49.17 4.75 0.00	50.05 4.09 -8.79	47.78 3.75 -10.57	48.37 3.89 -10.03	65.83 5.60 0.00	69.89 6.00 0.00	59.10 5.38 -4.83	53.59 3.72 -16.39	54.87 3.18 -20.23	50.81 2.55 -22.96	43.18 2.19 -18.91	40.03 1.68 -21.50
LIPA_MISC_IPP 23656	57.62 2.79 -33.55	52.59 2.83 -27.30	46.79 2.85 -21.34	45.41 2.77 -20.64	45.67 2.65 -21.79	56.38 3.50 -25.53	70.70 6.05 -21.44	74.70 7.45 -15.85	74.21 7.57 -13.70	74.06 7.36 -14.88	67.35 6.94 -11.87	62.76 6.59 -9.76	60.05 6.26 -9.37	58.82 5.39 -16.26	58.76 4.92 -20.37	59.51 5.10 -19.96	71.65 7.83 -3.60	80.55 8.24 -8.43	74.60 7.19 -18.53	68.66 5.06 -30.11	63.65 4.47 -27.72	62.48 3.51 -33.67	56.79 3.00 -31.70	55.06 2.36 -35.85
LISF____SOLAR 323691	57.69 2.83 -33.58	52.69 2.88 -27.36	46.85 2.89 -21.36	45.45 2.82 -20.64	45.72 2.70 -21.80	56.45 3.55 -25.55	70.82 6.13 -21.47	74.91 7.61 -15.91	74.40 7.73 -13.73	74.24 7.51 -14.91	67.49 7.04 -11.91	62.92 6.73 -9.79	60.14 6.35 -9.37	58.93 5.50 -16.26	58.85 5.02 -20.37	59.61 5.20 -19.96	71.84 8.01 -3.60	80.81 8.50 -8.43	74.74 7.33 -18.53	68.75 5.15 -30.11	63.74 4.56 -27.72	62.56 3.59 -33.67	56.83 3.05 -31.70	55.11 2.41 -35.85
LITTLE FALLS____HYD 24013	21.98 1.15 0.44	23.31 1.26 0.40	23.56 1.31 0.35	22.99 1.34 0.35	22.19 1.38 0.41	28.92 1.89 0.31	46.37 3.15 0.00	55.15 3.75 0.00	56.96 4.02 0.00	55.97 4.15 0.00	52.38 3.83 0.00	50.08 3.67 0.00	47.84 3.42 0.00	39.58 2.68 0.27	35.48 2.34 0.33	36.45 2.31 0.31	63.84 3.61 0.00	67.52 3.64 0.00	51.38 2.64 0.15	34.82 1.84 0.51	32.53 1.70 0.63	26.00 1.42 0.71	22.73 1.24 0.59	17.08 0.91 0.67
LI_NEWBRDGE____DRP 323616	55.53 2.38 -31.87	48.95 2.43 -24.06	45.51 2.44 -20.47	45.31 2.36 -20.95	44.69 2.27 -21.19	54.51 2.98 -24.18	68.04 5.23 -19.59	70.54 6.32 -12.82	71.27 6.46 -11.88	71.58 6.32 -13.44	63.73 5.97 -9.22	60.54 5.66 -8.47	59.12 5.42 -9.29	58.11 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.39 6.57 -3.60	79.15 6.84 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.39 2.60 -31.70	54.68 1.99 -35.85
LONG_LAKE_PHOENIX 24014	22.37 -0.08 -1.18	23.42 -0.11 -1.08	23.43 -0.11 -0.94	22.82 -0.11 -0.93	22.20 -0.11 -1.08	28.04 -0.14 -0.83	42.83 -0.39 0.00	50.84 -0.56 0.00	52.36 -0.58 0.00	51.26 -0.57 0.00	47.96 -0.58 0.00	45.85 -0.55 0.00	43.84 -0.58 0.00	37.40 -0.52 -0.75	33.89 -0.47 -0.90	34.79 -0.52 -0.85	59.14 -1.08 0.00	62.86 -1.02 0.00	48.51 -0.78 -0.40	34.51 -0.33 -1.36	32.95 -0.19 -1.68	27.12 -0.08 -1.90	23.60 -0.04 -1.57	18.54 -0.08 -1.78
LOVETT____3 23632	36.46 1.64 -13.54	36.47 1.64 -12.37	35.10 1.67 -10.83	34.29 1.63 -10.66	35.22 1.55 -12.45	38.93 2.05 -9.53	46.85 3.63 0.00	55.87 4.47 0.00	57.49 4.55 0.00	56.23 4.40 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.46 4.04 0.00	49.21 3.53 -8.50	46.93 3.25 -10.23	47.47 3.31 -9.71	64.86 4.64 0.00	68.80 4.92 0.00	58.12 4.55 -4.69	52.60 3.22 -15.89	53.79 2.71 -19.62	49.79 2.23 -22.27	42.26 1.83 -18.34	39.08 1.38 -20.86
LOVETT____4 23642	36.46 1.64 -13.54	36.47 1.64 -12.37	35.10 1.67 -10.83	34.29 1.63 -10.66	35.22 1.55 -12.45	38.93 2.05 -9.53	46.85 3.63 0.00	55.87 4.47 0.00	57.49 4.55 0.00	56.23 4.40 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.46 4.04 0.00	49.21 3.53 -8.50	46.93 3.25 -10.23	47.47 3.31 -9.71	64.86 4.64 0.00	68.80 4.92 0.00	58.12 4.55 -4.69	52.60 3.22 -15.89	53.79 2.71 -19.62	49.79 2.23 -22.27	42.26 1.83 -18.34	39.08 1.38 -20.86
LOVETT____5 23593	36.46 1.64 -13.54	36.47 1.64 -12.37	35.10 1.67 -10.83	34.29 1.63 -10.66	35.22 1.55 -12.45	38.93 2.05 -9.53	46.85 3.63 0.00	55.87 4.47 0.00	57.49 4.55 0.00	56.23 4.40 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.46 4.04 0.00	49.21 3.53 -8.50	46.93 3.25 -10.23	47.47 3.31 -9.71	64.86 4.64 0.00	68.80 4.92 0.00	58.12 4.55 -4.69	52.60 3.22 -15.89	53.79 2.71 -19.62	49.79 2.23 -22.27	42.26 1.83 -18.34	39.08 1.38 -20.86
LOWER RAQUET____HYD 24057	19.55 -1.72 0.00	20.68 -1.77 0.00	20.81 -1.79 0.00	20.24 -1.76 0.00	19.46 -1.76 0.00	25.19 -2.16 0.00	40.15 -3.07 0.00	47.90 -3.50 0.00	49.76 -3.17 0.00	48.61 -3.21 0.00	45.14 -3.40 0.00	43.16 -3.25 0.00	41.35 -3.06 0.00	34.42 -2.75 0.00	30.85 -2.61 0.00	31.76 -2.69 0.00	57.09 -3.13 0.00	60.63 -3.26 0.00	45.76 -3.13 0.00	30.57 -2.91 0.00	28.69 -2.77 0.00	22.71 -2.58 0.00	19.85 -2.23 0.00	15.46 -1.38 0.00
LOWER____HUDSON 24059	42.09 1.68 -19.13	41.69 1.75 -17.48	39.67 1.76 -15.30	38.78 1.72 -15.07	40.47 1.66 -17.59	42.97 2.16 -13.47	46.68 3.46 0.00	55.56 4.16 0.00	57.28 4.34 0.00	56.08 4.25 0.00	52.62 4.08 0.00	50.31 3.90 0.00	48.19 3.77 0.00	52.67 3.23 -12.26	51.11 2.91 -14.74	51.37 2.93 -14.00	64.80 4.57 0.00	68.68 4.79 0.00	59.59 4.11 -6.59	58.31 2.84 -21.98	61.18 2.58 -27.14	58.19 2.10 -30.79	49.22 1.77 -25.37	46.91 1.23 -28.84
LWR____OSWEGATCHIE_HYD 23850	20.26 -1.02 0.00	21.43 -1.03 0.00	21.52 -1.08 0.00	20.97 -1.03 0.00	20.16 -1.06 0.00	26.15 -1.20 0.00	41.75 -1.47 0.00	49.65 -1.75 0.00	51.56 -1.38 0.00	50.58 -1.24 0.00	46.89 -1.65 0.00	44.78 -1.63 0.00	42.95 -1.46 0.00	35.61 -1.56 0.00	31.99 -1.47 0.00	32.83 -1.62 0.00	58.36 -1.87 0.00	61.97 -1.91 0.00	46.93 -1.96 0.00	31.68 -1.81 0.00	29.76 -1.70 0.00	23.73 -1.57 0.00	20.71 -1.37 0.00	15.93 -0.91 0.00
LYONS_FALL_HYD 23570	21.55 0.28 0.00	22.75 0.29 0.00	22.87 0.27 0.00	22.26 0.26 0.00	21.46 0.23 0.00	27.81 0.46 0.00	44.34 1.12 0.00	52.69 1.29 0.00	54.63 1.69 0.00	53.69 1.86 0.00	49.85 1.31 0.00	47.61 1.20 0.00	45.61 1.20 0.00	37.80 0.63 0.00	34.00 0.53 0.00	34.90 0.45 0.00	61.13 0.90 0.00	64.90 1.02 0.00	49.43 0.54 0.00	33.75 0.27 0.00	31.71 0.25 0.00	25.45 0.15 0.00	22.19 0.11 0.00	16.89 0.05 0.00
MADISON____COUNTY_LFGE 323628	22.15 0.87 0.00	23.36 0.90 0.00	23.48 0.88 0.00	22.88 0.88 0.00	22.05 0.83 0.00	28.55 1.20 0.00	45.55 2.33 0.00	54.02 2.62 0.00	55.95 3.02 0.00	55.04 3.21 0.00	51.21 2.67 0.00	48.87 2.46 0.00	46.77 2.35 0.00	38.81 1.63 0.00	34.93 1.47 0.00	35.83 1.38 0.00	62.45 2.23 0.00	66.37 2.49 0.00	50.70 1.81 0.00	34.76 1.27 0.00	32.66 1.20 0.00	26.28 0.99 0.00	22.90 0.82 0.00	17.38 0.54 0.00



MAPLE_RIDGE_WT_1 323574	20.12 -0.30 0.86	21.43 -0.25 0.78	21.69 -0.23 0.69	21.13 -0.20 0.67	20.24 -0.19 0.79	26.50 -0.25 0.60	42.87 -0.35 0.00	51.04 -0.36 0.00	52.62 -0.32 0.00	51.46 -0.36 0.00	48.21 -0.34 0.00	46.04 -0.37 0.00	43.97 -0.44 0.00	36.20 -0.44 0.53	32.33 -0.50 0.64	33.29 -0.55 0.60	59.32 -0.90 0.00	62.80 -1.09 0.00	47.63 -0.98 0.29	31.70 -0.80 0.98	29.49 -0.76 1.22	23.26 -0.66 1.38	20.37 -0.57 1.14	15.13 -0.42 1.29
MAPLE_RIDGE_WT_2 323611	20.12 -0.30 0.86	21.43 -0.25 0.78	21.69 -0.23 0.69	21.13 -0.20 0.67	20.24 -0.19 0.79	26.50 -0.25 0.60	42.87 -0.35 0.00	51.04 -0.36 0.00	52.62 -0.32 0.00	51.46 -0.36 0.00	48.21 -0.34 0.00	46.04 -0.37 0.00	43.97 -0.44 0.00	36.20 -0.44 0.53	32.33 -0.50 0.64	33.29 -0.55 0.60	59.32 -0.90 0.00	62.80 -1.09 0.00	47.63 -0.98 0.29	31.70 -0.80 0.98	29.49 -0.76 1.22	23.26 -0.66 1.38	20.37 -0.57 1.14	15.13 -0.42 1.29
MARBLE_RIVER_WT_PWR 323696	20.47 -0.81 0.00	21.65 -0.81 0.00	21.79 -0.81 0.00	21.14 -0.86 0.00	20.33 -0.89 0.00	26.25 -1.09 0.00	41.75 -1.47 0.00	50.02 -1.39 0.00	51.72 -1.22 0.00	50.43 -1.40 0.00	47.13 -1.41 0.00	45.11 -1.30 0.00	43.17 -1.24 0.00	36.17 -1.00 0.00	32.46 -1.00 0.00	33.42 -1.03 0.00	59.14 -1.08 0.00	62.67 -1.22 0.00	47.42 -1.47 0.00	32.11 -1.37 0.00	30.01 -1.45 0.00	23.73 -1.57 0.00	20.69 -1.39 0.00	15.92 -0.93 0.00
MARSH_HILL_WT_PWR 323713	25.44 1.15 -3.01	26.36 1.14 -2.75	26.14 1.13 -2.41	25.43 1.06 -2.37	25.07 1.08 -2.77	30.78 1.31 -2.12	46.03 2.81 0.00	54.54 3.14 0.00	56.01 3.07 0.00	54.67 2.85 0.00	51.11 2.57 0.00	48.68 2.27 0.00	46.19 1.78 0.00	40.45 1.38 -1.90	37.06 1.30 -2.29	37.73 1.10 -2.17	60.59 0.36 0.00	64.90 1.02 0.00	50.89 0.98 -1.03	38.33 1.37 -3.47	36.72 0.98 -4.29	31.35 1.19 -4.86	26.99 0.91 -4.01	21.90 0.50 -4.56
MG_INDUSTRY___DRP 24185	40.56 1.38 -17.90	40.27 1.46 -16.35	38.38 1.47 -14.32	37.52 1.43 -14.09	39.08 1.40 -16.46	41.72 1.78 -12.60	45.64 2.42 0.00	54.23 2.83 0.00	55.79 2.86 0.00	54.67 2.85 0.00	51.26 2.72 0.00	48.96 2.55 0.00	46.99 2.58 0.00	50.82 2.23 -11.42	49.24 2.04 -13.73	49.55 2.07 -13.04	63.23 3.01 0.00	66.82 2.94 0.00	57.83 2.79 -6.16	56.15 2.04 -20.62	58.70 1.79 -25.45	55.72 1.54 -28.88	47.24 1.37 -23.79	44.87 0.98 -27.05
MID___OSWEGATCHIE_HYD 23849	20.26 -1.02 0.00	21.43 -1.03 0.00	21.52 -1.08 0.00	20.97 -1.03 0.00	20.16 -1.06 0.00	26.15 -1.20 0.00	41.75 -1.47 0.00	49.65 -1.75 0.00	51.56 -1.38 0.00	50.58 -1.24 0.00	46.89 -1.65 0.00	44.78 -1.63 0.00	42.95 -1.46 0.00	35.61 -1.56 0.00	31.99 -1.47 0.00	32.83 -1.62 0.00	58.36 -1.87 0.00	61.97 -1.91 0.00	46.93 -1.96 0.00	31.68 -1.81 0.00	29.76 -1.70 0.00	23.73 -1.57 0.00	20.71 -1.37 0.00	15.93 -0.91 0.00
MID___RAQUETTE_HYD 23851	19.55 -1.72 0.00	20.68 -1.77 0.00	20.81 -1.79 0.00	20.24 -1.76 0.00	19.46 -1.76 0.00	25.19 -2.16 0.00	40.15 -3.07 0.00	47.90 -3.50 0.00	49.76 -3.17 0.00	48.61 -3.21 0.00	45.14 -3.40 0.00	43.16 -3.25 0.00	41.35 -3.06 0.00	34.42 -2.75 0.00	30.85 -2.61 0.00	31.76 -2.69 0.00	57.09 -3.13 0.00	60.63 -3.26 0.00	45.76 -3.13 0.00	30.57 -2.91 0.00	28.69 -2.77 0.00	22.71 -2.58 0.00	19.85 -2.23 0.00	15.46 -1.38 0.00
MILLIKEN___1 23584	24.94 0.76 -2.89	25.89 0.79 -2.64	25.68 0.77 -2.32	25.03 0.75 -2.28	24.63 0.74 -2.66	30.37 0.98 -2.04	44.99 1.77 0.00	53.51 2.11 0.00	55.06 2.12 0.00	53.95 2.13 0.00	50.43 1.89 0.00	48.17 1.76 0.00	46.01 1.60 0.00	40.23 1.22 -1.83	36.80 1.14 -2.20	37.64 1.10 -2.09	61.67 1.44 0.00	65.74 1.85 0.00	51.34 1.47 -0.99	38.09 1.27 -3.33	36.74 1.16 -4.12	31.00 1.04 -4.67	26.77 0.84 -3.85	21.77 0.55 -4.38
MILLIKEN___2 23585	24.94 0.76 -2.89	25.89 0.79 -2.64	25.68 0.77 -2.32	25.03 0.75 -2.28	24.63 0.74 -2.66	30.37 0.98 -2.04	44.99 1.77 0.00	53.51 2.11 0.00	55.06 2.12 0.00	53.95 2.13 0.00	50.43 1.89 0.00	48.17 1.76 0.00	46.01 1.60 0.00	40.23 1.22 -1.83	36.80 1.14 -2.20	37.64 1.10 -2.09	61.67 1.44 0.00	65.74 1.85 0.00	51.34 1.47 -0.99	38.09 1.27 -3.33	36.74 1.16 -4.12	31.00 1.04 -4.67	26.77 0.84 -3.85	21.77 0.55 -4.38
MILLIKEN___DIESEL 23629	24.94 0.76 -2.89	25.89 0.79 -2.64	25.68 0.77 -2.32	25.03 0.75 -2.28	24.63 0.74 -2.66	30.37 0.98 -2.04	44.99 1.77 0.00	53.51 2.11 0.00	55.06 2.12 0.00	53.95 2.13 0.00	50.43 1.89 0.00	48.17 1.76 0.00	46.01 1.60 0.00	40.23 1.22 -1.83	36.80 1.14 -2.20	37.64 1.10 -2.09	61.67 1.44 0.00	65.74 1.85 0.00	51.34 1.47 -0.99	38.09 1.27 -3.33	36.74 1.16 -4.12	31.00 1.04 -4.67	26.77 0.84 -3.85	21.77 0.55 -4.38
MILLSEAT___LFGE 323607	23.28 -0.13 -2.13	24.20 -0.20 -1.95	24.03 -0.27 -1.70	23.39 -0.29 -1.68	22.97 -0.21 -1.96	28.33 -0.52 -1.50	43.22 0.00 0.00	51.56 0.15 0.00	52.94 0.00 0.00	51.88 0.05 0.00	48.59 0.05 0.00	46.60 0.19 0.00	44.19 -0.22 0.00	38.19 -0.34 -1.35	34.92 -0.17 -1.62	35.71 -0.28 -1.54	58.30 -1.93 0.00	62.54 -1.34 0.00	48.79 -0.83 -0.73	36.08 0.13 -2.46	34.34 -0.16 -3.04	29.14 0.40 -3.45	25.12 0.20 -2.84	19.92 -0.15 -3.23
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.95 1.75 -13.93	36.93 1.75 -12.72	35.50 1.76 -11.14	34.68 1.72 -10.97	35.69 1.66 -12.81	39.31 2.16 -9.80	47.11 3.89 0.00	56.23 4.83 0.00	57.80 4.87 0.00	56.59 4.76 0.00	53.20 4.66 0.00	50.87 4.46 0.00	48.72 4.31 0.00	49.68 3.75 -8.75	47.40 3.41 -10.52	47.95 3.52 -9.99	65.28 5.06 0.00	69.18 5.30 0.00	58.54 4.84 -4.81	53.18 3.38 -16.32	54.49 2.89 -20.14	50.50 2.35 -22.86	42.86 1.94 -18.83	39.73 1.48 -21.41
MODEL_CITY_ENERGY 24167	22.76 -0.79 -2.27	23.61 -0.92 -2.07	23.42 -0.99 -1.82	22.77 -1.01 -1.79	22.42 -0.89 -2.09	27.49 -1.45 -1.60	41.66 -1.55 0.00	49.45 -1.95 0.00	50.87 -2.07 0.00	49.91 -1.92 0.00	46.75 -1.80 0.00	44.74 -1.67 0.00	42.51 -1.91 0.00	36.90 -1.71 -1.43	33.85 -1.34 -1.73	34.57 -1.51 -1.64	55.95 -4.27 0.00	59.92 -3.96 0.00	47.02 -2.64 -0.78	35.14 -0.97 -2.62	33.47 -1.23 -3.23	28.56 -0.41 -3.67	24.64 -0.46 -3.02	19.56 -0.72 -3.44
MODERN_LFGE___ 323580	22.76 -0.79 -2.27	23.61 -0.92 -2.07	23.42 -0.99 -1.82	22.77 -1.01 -1.79	22.42 -0.89 -2.09	27.49 -1.45 -1.60	41.66 -1.55 0.00	49.45 -1.95 0.00	50.87 -2.07 0.00	49.91 -1.92 0.00	46.75 -1.80 0.00	44.74 -1.67 0.00	42.51 -1.91 0.00	36.90 -1.71 -1.43	33.85 -1.34 -1.73	34.57 -1.51 -1.64	55.95 -4.27 0.00	59.92 -3.96 0.00	47.02 -2.64 -0.78	35.14 -0.97 -2.62	33.47 -1.23 -3.23	28.56 -0.41 -3.67	24.64 -0.46 -3.02	19.56 -0.72 -3.44
MOHAWK_PAPER___DRP 24187	41.62 1.57 -18.77	41.24 1.64 -17.15	39.26 1.65 -15.01	38.36 1.58 -14.78	40.03 1.55 -17.26	42.58 2.02 -13.21	46.16 2.94 0.00	54.90 3.50 0.00	56.59 3.65 0.00	55.45 3.63 0.00	52.04 3.50 0.00	49.71 3.30 0.00	47.70 3.29 0.00	52.03 2.79 -12.06	50.48 2.51 -14.50	50.77 2.55 -13.77	64.08 3.86 0.00	67.85 3.96 0.00	58.84 3.47 -6.48	57.53 2.48 -21.56	60.28 2.20 -26.62	57.32 1.82 -30.20	48.57 1.61 -24.88	46.24 1.11 -28.29



MONGAUP___HYD 23641	35.88 1.79 -12.81	35.89 1.73 -11.71	34.61 1.76 -10.25	33.81 1.72 -10.09	34.81 1.80 -11.78	38.53 2.16 -9.02	46.37 3.15 0.00	54.69 3.29 0.00	56.43 3.49 0.00	54.93 3.11 0.00	51.94 3.40 0.00	49.61 3.20 0.00	47.84 3.42 0.00	48.38 3.16 -8.05	46.12 2.98 -9.67	46.63 3.00 -9.19	63.47 3.25 0.00	67.72 3.83 0.00	57.24 3.91 -4.44	51.13 2.58 -15.06	52.07 2.02 -18.60	48.40 2.00 -21.10	41.25 1.79 -17.39	37.91 1.30 -19.77
MONTAUK___DIESEL 23721	58.80 3.96 -33.57	53.83 4.04 -27.33	48.00 4.04 -21.35	46.56 3.92 -20.64	46.78 3.76 -21.80	57.75 4.87 -25.54	73.23 8.56 -21.45	78.03 10.75 -15.88	77.61 10.96 -13.72	77.34 10.62 -14.89	70.38 9.95 -11.89	65.65 9.47 -9.77	62.67 8.89 -9.37	61.05 7.62 -16.26	60.73 6.89 -20.37	61.54 7.13 -19.96	75.57 11.75 -3.60	85.03 12.72 -8.43	77.97 10.56 -18.53	71.04 7.44 -30.11	65.76 6.58 -27.72	64.15 5.18 -33.67	58.07 4.28 -31.70	55.97 3.27 -35.85
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.91 1.89 -11.02	35.91 1.83 -12.86	39.60 2.41 -9.85	47.54 4.32 0.00	56.80 5.40 0.00	58.44 5.51 0.00	57.21 5.39 0.00	53.74 5.20 0.00	51.38 4.97 0.00	49.26 4.84 0.00	50.12 4.16 -8.79	47.81 3.78 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.89 6.00 0.00	59.15 5.43 -4.83	53.66 3.78 -16.39	54.93 3.24 -20.23	50.88 2.63 -22.96	43.22 2.23 -18.91	40.05 1.70 -21.50
MUNSVILLE_WIND_PWR 323609	27.88 2.15 -4.46	28.78 2.25 -4.07	28.36 2.19 -3.57	27.67 2.16 -3.51	27.38 2.06 -4.10	33.36 2.87 -3.14	48.75 5.53 0.00	57.72 6.32 0.00	60.08 7.14 0.00	59.24 7.41 0.00	54.81 6.26 0.00	52.21 5.80 0.00	50.01 5.60 0.00	43.97 3.98 -2.82	40.44 3.58 -3.39	41.11 3.44 -3.22	65.76 5.54 0.00	70.15 6.26 0.00	55.00 4.59 -1.52	41.84 3.22 -5.14	40.69 2.89 -6.34	34.84 2.35 -7.20	30.00 1.99 -5.93	24.93 1.35 -6.74
N SALMON___HYD 24042	20.38 -0.89 0.00	21.61 -0.85 0.00	21.74 -0.86 0.00	21.10 -0.90 0.00	20.29 -0.93 0.00	26.20 -1.15 0.00	41.75 -1.47 0.00	50.02 -1.39 0.00	51.77 -1.16 0.00	50.37 -1.45 0.00	46.99 -1.56 0.00	44.97 -1.44 0.00	43.04 -1.38 0.00	36.06 -1.11 0.00	32.33 -1.14 0.00	33.21 -1.24 0.00	59.02 -1.20 0.00	62.54 -1.34 0.00	47.37 -1.52 0.00	32.05 -1.44 0.00	29.92 -1.54 0.00	23.52 -1.77 0.00	20.51 -1.57 0.00	15.87 -0.98 0.00
N.E._GEN_SANDY PD 24062	52.36 1.98 -29.10	47.83 2.04 -23.33	46.88 2.03 -22.25	45.68 1.98 -21.70	51.30 1.93 -28.15	54.85 2.49 -25.01	74.19 4.19 -26.78	68.79 5.04 -12.35	69.74 5.13 -11.67	65.01 5.08 -8.10	69.92 4.90 -16.48	69.17 4.69 -18.08	68.61 4.53 -19.66	70.60 3.87 -29.56	70.70 3.51 -33.72	70.78 3.58 -32.75	76.70 5.48 -11.00	91.06 5.68 -21.49	84.19 4.99 -30.31	74.21 3.48 -37.24	65.46 3.08 -30.92	56.10 2.53 -28.28	46.89 2.05 -22.75	44.23 1.52 -25.87
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.47 1.68 -13.52	36.47 1.66 -12.35	35.11 1.70 -10.81	34.29 1.65 -10.64	35.25 1.59 -12.43	38.97 2.11 -9.51	46.94 3.72 0.00	55.93 4.52 0.00	57.54 4.60 0.00	56.28 4.46 0.00	52.96 4.42 0.00	50.63 4.22 0.00	48.50 4.08 0.00	49.27 3.60 -8.49	46.95 3.28 -10.21	47.52 3.38 -9.69	64.93 4.70 0.00	68.87 4.99 0.00	58.21 4.65 -4.68	52.60 3.25 -15.87	53.82 2.77 -19.59	49.77 2.25 -22.23	42.27 1.88 -18.31	39.08 1.41 -20.82
NARROWS_GT1_1 24228	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT1_2 24229	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT1_3 24230	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT1_4 24231	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT1_5 24232	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT1_6 24233	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT1_7 24234	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT1_8 24235	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51



NARROWS_GT2_1 24236	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT2_2 24237	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT2_3 24238	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT2_4 24239	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT2_5 24240	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT2_6 24241	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT2_7 24242	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NARROWS_GT2_8 24243	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.54 2.06 -15.20	38.39 2.04 -13.88	36.81 2.06 -12.16	35.95 1.98 -11.97	37.30 2.10 -13.98	40.73 2.68 -10.70	47.28 4.06 0.00	55.72 4.32 0.00	57.49 4.55 0.00	55.97 4.15 0.00	52.91 4.37 0.00	50.54 4.13 0.00	48.32 3.91 0.00	50.24 3.57 -9.50	48.23 3.35 -11.42	48.64 3.34 -10.85	64.62 4.39 0.00	68.87 4.99 0.00	58.91 4.74 -5.28	54.63 3.18 -17.96	56.21 2.58 -22.17	52.70 2.25 -25.16	44.73 1.92 -20.73	41.77 1.36 -23.56
NEG CAPITAL___MECHNVIL 23645	42.68 1.96 -19.45	42.27 2.04 -17.77	40.19 2.03 -15.56	39.30 1.98 -15.32	41.00 1.89 -17.89	43.55 2.51 -13.69	47.50 4.28 0.00	56.49 5.09 0.00	58.34 5.40 0.00	57.16 5.34 0.00	53.64 5.10 0.00	51.24 4.83 0.00	49.08 4.66 0.00	53.56 3.94 -12.45	51.94 3.51 -14.97	52.18 3.52 -14.21	66.01 5.78 0.00	69.96 6.07 0.00	60.62 5.04 -6.69	59.28 3.45 -22.34	62.16 3.12 -27.58	59.13 2.53 -31.30	50.01 2.14 -25.79	47.59 1.43 -29.32
NEG CENTRAL_HIGH_ACRES 23767	22.57 -0.40 -1.69	23.53 -0.47 -1.55	23.46 -0.50 -1.35	22.85 -0.48 -1.33	22.33 -0.45 -1.56	27.94 -0.60 -1.19	42.53 -0.69 0.00	50.73 -0.67 0.00	52.09 -0.85 0.00	50.99 -0.83 0.00	47.72 -0.83 0.00	45.71 -0.69 0.00	43.57 -0.85 0.00	37.46 -0.78 -1.07	34.05 -0.70 -1.29	34.91 -0.76 -1.22	58.42 -1.81 0.00	62.42 -1.47 0.00	48.29 -1.17 -0.58	34.94 -0.50 -1.95	33.40 -0.47 -2.41	27.83 -0.20 -2.74	24.09 -0.24 -2.25	19.10 -0.30 -2.56
NEG CENTRAL___DRP 24199	23.53 0.36 -1.90	24.53 0.34 -1.73	24.46 0.34 -1.52	23.82 0.33 -1.49	23.33 0.36 -1.74	29.15 0.46 -1.33	44.21 0.99 0.00	52.58 1.18 0.00	54.05 1.11 0.00	52.86 1.04 0.00	49.51 0.97 0.00	47.29 0.88 0.00	45.12 0.71 0.00	38.89 0.52 -1.20	35.41 0.50 -1.44	36.23 0.41 -1.37	60.41 0.18 0.00	64.46 0.57 0.00	50.02 0.49 -0.65	36.34 0.67 -2.19	34.75 0.60 -2.70	28.99 0.63 -3.06	25.07 0.46 -2.52	19.96 0.25 -2.87
NEG CENTRAL___INDECK 23768	24.73 0.94 -2.52	25.70 0.94 -2.30	25.52 0.90 -2.01	24.84 0.86 -1.98	24.43 0.89 -2.31	30.21 1.10 -1.77	45.77 2.55 0.00	54.64 3.24 0.00	56.01 3.07 0.00	54.73 2.90 0.00	51.21 2.67 0.00	49.05 2.64 0.00	46.55 2.13 0.00	40.40 1.63 -1.59	36.88 1.51 -1.91	37.71 1.45 -1.82	61.79 1.56 0.00	66.37 2.49 0.00	51.56 1.81 -0.86	38.13 1.74 -2.90	36.46 1.42 -3.59	30.85 1.49 -4.07	26.56 1.13 -3.35	21.34 0.69 -3.81
NEG CENTRAL___SENECA 23627	23.95 0.57 -2.10	24.94 0.56 -1.92	24.84 0.57 -1.68	24.18 0.53 -1.65	23.72 0.57 -1.93	29.56 0.74 -1.48	44.77 1.55 0.00	53.25 1.85 0.00	54.68 1.74 0.00	53.53 1.71 0.00	50.10 1.55 0.00	47.85 1.44 0.00	45.61 1.20 0.00	39.43 0.93 -1.33	35.93 0.87 -1.59	36.76 0.79 -1.51	60.83 0.60 0.00	65.03 1.15 0.00	50.58 0.98 -0.72	36.94 1.04 -2.42	35.32 0.88 -2.98	29.59 0.91 -3.39	25.56 0.69 -2.79	20.42 0.40 -3.17
NEG CENTRAL___STATE_STREET 24147	23.55 0.43 -1.85	24.58 0.43 -1.69	24.51 0.43 -1.48	23.87 0.42 -1.46	23.35 0.42 -1.70	29.23 0.58 -1.30	44.25 1.04 0.00	52.63 1.23 0.00	54.10 1.16 0.00	53.02 1.19 0.00	49.61 1.07 0.00	47.43 1.02 0.00	45.26 0.84 0.00	38.98 0.63 -1.17	35.47 0.60 -1.41	36.30 0.52 -1.34	60.77 0.54 0.00	64.78 0.89 0.00	50.26 0.73 -0.63	36.36 0.74 -2.13	34.82 0.72 -2.63	28.97 0.68 -2.99	25.10 0.55 -2.46	19.98 0.34 -2.80



NEG MILLWOOD___DRP 24198	37.49 1.94 -14.27	37.54 2.04 -13.04	36.05 2.03 -11.42	35.22 1.98 -11.24	36.19 1.85 -13.13	39.80 2.41 -10.05	47.80 4.58 0.00	57.16 5.76 0.00	58.71 5.77 0.00	57.42 5.60 0.00	53.88 5.34 0.00	51.51 5.11 0.00	49.21 4.80 0.00	50.27 4.13 -8.97	47.96 3.71 -10.78	48.54 3.86 -10.24	65.76 5.54 0.00	69.89 6.00 0.00	59.12 5.28 -4.95	54.05 3.65 -16.91	55.45 3.12 -20.87	51.54 2.55 -23.69	43.67 2.08 -19.51	40.56 1.53 -22.19
NEG NORTH_FLCN_SEA 23793	20.72 -0.55 0.00	21.94 -0.52 0.00	22.06 -0.54 0.00	21.43 -0.57 0.00	20.61 -0.62 0.00	26.58 -0.77 0.00	42.31 -0.91 0.00	50.68 -0.72 0.00	52.41 -0.53 0.00	51.05 -0.78 0.00	47.72 -0.83 0.00	45.67 -0.74 0.00	43.66 -0.76 0.00	36.62 -0.56 0.00	32.83 -0.64 0.00	33.76 -0.69 0.00	59.81 -0.42 0.00	63.31 -0.58 0.00	48.01 -0.88 0.00	32.55 -0.94 0.00	30.39 -1.07 0.00	23.98 -1.32 0.00	20.89 -1.19 0.00	16.10 -0.74 0.00
NEG NORTH_KES_CHATEGAY 23792	20.45 -0.83 0.00	21.65 -0.81 0.00	21.76 -0.84 0.00	21.14 -0.86 0.00	20.33 -0.89 0.00	26.25 -1.09 0.00	41.70 -1.51 0.00	49.96 -1.44 0.00	51.62 -1.32 0.00	50.32 -1.50 0.00	47.04 -1.51 0.00	45.02 -1.39 0.00	43.08 -1.33 0.00	36.13 -1.04 0.00	32.39 -1.07 0.00	33.35 -1.10 0.00	59.08 -1.15 0.00	62.61 -1.28 0.00	47.37 -1.52 0.00	32.11 -1.37 0.00	29.98 -1.48 0.00	23.70 -1.59 0.00	20.67 -1.41 0.00	15.92 -0.93 0.00
NEG NORTH___ALICE_FALLS 23915	20.68 -0.60 0.00	21.92 -0.54 0.00	22.04 -0.56 0.00	21.38 -0.62 0.00	20.57 -0.66 0.00	26.55 -0.79 0.00	42.27 -0.95 0.00	50.63 -0.77 0.00	52.36 -0.58 0.00	50.94 -0.88 0.00	47.62 -0.92 0.00	45.58 -0.83 0.00	43.57 -0.85 0.00	36.54 -0.63 0.00	32.76 -0.70 0.00	33.69 -0.76 0.00	59.62 -0.60 0.00	63.18 -0.70 0.00	47.91 -0.98 0.00	32.52 -0.97 0.00	30.33 -1.13 0.00	23.88 -1.42 0.00	20.80 -1.28 0.00	16.03 -0.81 0.00
NEG NORTH___LWR_SARANAC 23913	20.68 -0.60 0.00	21.92 -0.54 0.00	22.04 -0.56 0.00	21.38 -0.62 0.00	20.57 -0.66 0.00	26.55 -0.79 0.00	42.27 -0.95 0.00	50.63 -0.77 0.00	52.36 -0.58 0.00	50.94 -0.88 0.00	47.62 -0.92 0.00	45.58 -0.83 0.00	43.57 -0.85 0.00	36.54 -0.63 0.00	32.76 -0.70 0.00	33.69 -0.76 0.00	59.62 -0.60 0.00	63.18 -0.70 0.00	47.91 -0.98 0.00	32.52 -0.97 0.00	30.33 -1.13 0.00	23.88 -1.42 0.00	20.80 -1.28 0.00	16.03 -0.81 0.00
NEG NORTH___PLATTSBURG 23628	20.68 -0.60 0.00	21.92 -0.54 0.00	22.04 -0.56 0.00	21.38 -0.62 0.00	20.57 -0.66 0.00	26.55 -0.79 0.00	42.27 -0.95 0.00	50.63 -0.77 0.00	52.36 -0.58 0.00	50.94 -0.88 0.00	47.62 -0.92 0.00	45.58 -0.83 0.00	43.57 -0.85 0.00	36.54 -0.63 0.00	32.76 -0.70 0.00	33.69 -0.76 0.00	59.62 -0.60 0.00	63.18 -0.70 0.00	47.91 -0.98 0.00	32.52 -0.97 0.00	30.33 -1.13 0.00	23.88 -1.42 0.00	20.80 -1.28 0.00	16.03 -0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	23.03 -0.49 -2.24	23.90 -0.61 -2.05	23.72 -0.68 -1.80	23.04 -0.73 -1.77	22.67 -0.62 -2.06	27.86 -1.07 -1.58	42.27 -0.95 0.00	50.22 -1.18 0.00	51.67 -1.27 0.00	50.63 -1.19 0.00	47.47 -1.07 0.00	45.43 -0.98 0.00	43.17 -1.24 0.00	37.44 -1.15 -1.42	34.30 -0.87 -1.71	35.07 -1.00 -1.62	56.73 -3.49 0.00	60.82 -3.07 0.00	47.70 -1.96 -0.77	35.54 -0.54 -2.59	33.84 -0.82 -3.20	28.85 -0.08 -3.63	24.87 -0.20 -2.99	19.74 -0.50 -3.40
NEG WEST___LANCASTR 23811	25.11 1.19 -2.65	26.04 1.17 -2.42	25.82 1.11 -2.12	25.12 1.03 -2.08	24.76 1.10 -2.43	30.36 1.15 -1.86	45.77 2.55 0.00	53.92 2.52 0.00	55.48 2.54 0.00	54.31 2.49 0.00	51.07 2.52 0.00	48.36 1.95 0.00	46.06 1.64 0.00	40.18 1.34 -1.67	36.88 1.41 -2.01	37.57 1.21 -1.91	60.16 -0.06 0.00	64.52 0.64 0.00	50.80 1.03 -0.89	38.15 1.67 -2.99	36.13 0.98 -3.69	30.87 1.39 -4.19	26.59 1.06 -3.45	21.27 0.50 -3.92
NEG_PENN_ALLEGHNY 23528	26.85 0.85 -4.72	27.64 0.88 -4.31	27.23 0.86 -3.77	26.55 0.84 -3.72	26.39 0.83 -4.34	31.71 1.04 -3.32	45.12 1.90 0.00	53.56 2.16 0.00	55.06 2.12 0.00	53.95 2.13 0.00	50.53 1.99 0.00	48.27 1.86 0.00	46.15 1.73 0.00	41.57 1.41 -2.98	38.35 1.30 -3.59	39.09 1.24 -3.40	61.61 1.39 0.00	65.61 1.73 0.00	52.06 1.56 -1.61	40.33 1.41 -5.43	39.39 1.23 -6.71	34.04 1.14 -7.61	29.28 0.93 -6.27	24.59 0.62 -7.13
NEG___GEN_MONROE 24207	22.95 -0.11 -1.78	23.90 -0.18 -1.63	23.82 -0.20 -1.42	23.18 -0.22 -1.40	22.71 -0.15 -1.64	28.38 -0.22 -1.25	43.48 0.26 0.00	52.02 0.62 0.00	53.41 0.48 0.00	52.24 0.41 0.00	48.93 0.39 0.00	46.97 0.56 0.00	44.64 0.22 0.00	38.34 0.04 -1.13	34.88 0.07 -1.35	35.73 0.00 -1.28	59.38 -0.84 0.00	63.63 -0.25 0.00	49.20 -0.29 -0.61	35.78 0.24 -2.05	34.09 0.09 -2.53	28.52 0.35 -2.88	24.61 0.16 -2.37	19.47 -0.07 -2.69
NEPA___ENERGY 23901	24.79 0.45 -3.06	25.64 0.38 -2.80	25.39 0.34 -2.45	24.72 0.31 -2.41	24.42 0.38 -2.81	29.72 0.22 -2.15	44.00 0.78 0.00	51.81 0.41 0.00	53.26 0.32 0.00	52.14 0.31 0.00	48.98 0.44 0.00	46.74 0.33 0.00	44.59 0.18 0.00	39.29 0.19 -1.93	36.12 0.33 -2.33	36.76 0.10 -2.21	58.48 -1.75 0.00	62.74 -1.15 0.00	49.59 -0.34 -1.04	37.67 0.67 -3.51	36.08 0.28 -4.34	31.00 0.78 -4.92	26.71 0.57 -4.06	21.67 0.22 -4.61
NEVERSINK___HYD 23608	35.55 1.72 -12.55	35.63 1.71 -11.47	34.36 1.72 -10.04	33.58 1.69 -9.89	34.44 1.68 -11.55	38.37 2.19 -8.84	47.06 3.85 0.00	55.82 4.42 0.00	57.54 4.60 0.00	56.18 4.35 0.00	52.86 4.32 0.00	50.49 4.09 0.00	48.37 3.95 0.00	48.47 3.46 -7.84	46.07 3.18 -9.43	46.64 3.24 -8.95	64.56 4.34 0.00	68.61 4.73 0.00	57.65 4.40 -4.36	51.39 3.05 -14.85	52.34 2.55 -18.34	48.25 2.15 -20.81	40.99 1.77 -17.14	37.65 1.31 -19.49
NEWTON___FALLS_HYD 23847	20.26 -1.02 0.00	21.43 -1.03 0.00	21.52 -1.08 0.00	20.97 -1.03 0.00	20.16 -1.06 0.00	26.15 -1.20 0.00	41.75 -1.47 0.00	49.65 -1.75 0.00	51.56 -1.38 0.00	50.58 -1.24 0.00	46.89 -1.65 0.00	44.78 -1.63 0.00	42.95 -1.46 0.00	35.61 -1.56 0.00	31.99 -1.47 0.00	32.83 -1.62 0.00	58.36 -1.87 0.00	61.97 -1.91 0.00	46.93 -1.96 0.00	31.68 -1.81 0.00	29.76 -1.70 0.00	23.73 -1.57 0.00	20.71 -1.37 0.00	15.93 -0.91 0.00
NIAGARA_115E_LBMP 323715	22.64 -0.94 -2.29	23.48 -1.08 -2.10	23.28 -1.15 -1.84	22.64 -1.17 -1.81	22.29 -1.04 -2.11	27.32 -1.64 -1.61	41.27 -1.94 0.00	48.99 -2.42 0.00	50.45 -2.49 0.00	49.44 -2.38 0.00	46.31 -2.23 0.00	44.32 -2.09 0.00	42.10 -2.31 0.00	36.62 -2.01 -1.45	33.57 -1.64 -1.74	34.31 -1.79 -1.66	55.40 -4.82 0.00	59.35 -4.53 0.00	46.64 -3.03 -0.78	34.90 -1.24 -2.65	33.25 -1.48 -3.27	28.42 -0.58 -3.71	24.52 -0.62 -3.06	19.46 -0.86 -3.48
NIAGARA_115W_LBMP 323714	22.68 -0.91 -2.31	23.54 -1.03 -2.11	23.34 -1.11 -1.85	22.68 -1.14 -1.82	22.33 -1.02 -2.13	27.36 -1.61 -1.63	41.36 -1.86 0.00	49.09 -2.31 0.00	50.50 -2.43 0.00	49.49 -2.33 0.00	46.41 -2.13 0.00	44.42 -1.99 0.00	42.20 -2.22 0.00	36.70 -1.93 -1.46	33.65 -1.57 -1.76	34.40 -1.72 -1.67	55.47 -4.76 0.00	59.41 -4.47 0.00	46.70 -2.98 -0.79	34.99 -1.17 -2.67	33.34 -1.42 -3.30	28.48 -0.56 -3.74	24.57 -0.60 -3.08	19.52 -0.82 -3.51



NIAGARA_230_LBMP 323716	22.80 -0.77 -2.28	23.67 -0.88 -2.09	23.48 -0.95 -1.83	22.83 -0.97 -1.80	22.47 -0.85 -2.10	27.56 -1.39 -1.61	41.58 -1.64 0.00	49.34 -2.06 0.00	50.76 -2.17 0.00	49.75 -2.07 0.00	46.65 -1.89 0.00	44.65 -1.76 0.00	42.46 -1.95 0.00	36.91 -1.71 -1.44	33.83 -1.37 -1.74	34.55 -1.55 -1.65	55.89 -4.34 0.00	59.86 -4.02 0.00	47.03 -2.64 -0.78	35.12 -1.00 -2.64	33.49 -1.23 -3.25	28.56 -0.43 -3.69	24.66 -0.46 -3.04	19.61 -0.69 -3.46
NIAGARA____ 23760	22.74 -0.83 -2.29	23.59 -0.97 -2.09	23.39 -1.04 -1.83	22.75 -1.06 -1.80	22.40 -0.93 -2.11	27.46 -1.50 -1.61	41.44 -1.77 0.00	49.19 -2.21 0.00	50.61 -2.33 0.00	49.60 -2.23 0.00	46.51 -2.04 0.00	44.50 -1.90 0.00	42.28 -2.13 0.00	36.76 -1.86 -1.45	33.73 -1.47 -1.74	34.45 -1.65 -1.65	55.65 -4.58 0.00	59.60 -4.28 0.00	46.84 -2.84 -0.78	35.03 -1.10 -2.64	33.37 -1.35 -3.27	28.49 -0.51 -3.71	24.60 -0.53 -3.05	19.56 -0.76 -3.47
NINE_MILE_1 23575	21.82 -0.38 -0.92	22.87 -0.43 -0.84	22.91 -0.43 -0.74	22.31 -0.42 -0.73	21.69 -0.38 -0.85	27.48 -0.52 -0.65	42.18 -1.04 0.00	50.06 -1.34 0.00	51.51 -1.43 0.00	50.43 -1.40 0.00	47.23 -1.31 0.00	45.16 -1.25 0.00	43.17 -1.24 0.00	36.68 -1.08 -0.58	33.23 -0.94 -0.70	34.12 -1.00 -0.67	58.30 -1.93 0.00	61.90 -1.98 0.00	47.74 -1.47 -0.31	33.75 -0.80 -1.06	32.17 -0.60 -1.31	26.35 -0.43 -1.49	22.95 -0.35 -1.23	17.92 -0.32 -1.39
NINE_MILE_2 23744	21.81 -0.38 -0.92	22.90 -0.40 -0.84	22.91 -0.43 -0.74	22.31 -0.42 -0.72	21.69 -0.38 -0.85	27.50 -0.49 -0.65	42.18 -1.04 0.00	50.06 -1.34 0.00	51.51 -1.43 0.00	50.43 -1.40 0.00	47.23 -1.31 0.00	45.16 -1.25 0.00	43.17 -1.24 0.00	36.68 -1.08 -0.58	33.23 -0.94 -0.70	34.11 -1.00 -0.66	58.30 -1.93 0.00	61.90 -1.98 0.00	47.74 -1.47 -0.31	33.74 -0.80 -1.06	32.17 -0.60 -1.31	26.35 -0.43 -1.48	22.95 -0.35 -1.22	17.91 -0.32 -1.39
NM_CAPITAL____DRP 24208	41.37 1.49 -18.60	41.00 1.55 -16.99	39.02 1.54 -14.88	38.14 1.50 -14.65	39.79 1.46 -17.10	42.32 1.89 -13.09	45.77 2.55 0.00	54.38 2.98 0.00	56.01 3.07 0.00	54.88 3.06 0.00	51.50 2.96 0.00	49.19 2.78 0.00	47.26 2.85 0.00	51.59 2.45 -11.97	50.06 2.21 -14.39	50.35 2.24 -13.66	63.47 3.25 0.00	67.14 3.26 0.00	58.30 2.98 -6.43	57.00 2.15 -21.37	59.73 1.89 -26.38	56.82 1.59 -29.94	48.18 1.43 -24.66	45.89 1.01 -28.04
NM_CENTRAL____DRP 24181	22.73 0.06 -1.38	23.79 0.07 -1.26	23.78 0.07 -1.11	23.13 0.04 -1.09	22.56 0.06 -1.27	28.43 0.11 -0.97	43.31 0.09 0.00	51.45 0.05 0.00	52.94 0.00 0.00	51.82 0.00 0.00	48.54 0.00 0.00	46.36 -0.05 0.00	44.33 -0.09 0.00	37.94 -0.11 -0.88	34.45 -0.07 -1.05	35.31 -0.14 -1.00	59.74 -0.48 0.00	63.50 -0.38 0.00	49.12 -0.24 -0.47	35.12 0.03 -1.59	33.56 0.13 -1.97	27.71 0.18 -2.23	24.06 0.13 -1.84	18.99 0.05 -2.09
NM_FRONTIER____DRP 24179	22.68 -0.91 -2.31	23.54 -1.03 -2.11	23.34 -1.11 -1.85	22.68 -1.14 -1.82	22.33 -1.02 -2.13	27.36 -1.61 -1.63	41.36 -1.86 0.00	49.09 -2.31 0.00	50.50 -2.43 0.00	49.49 -2.33 0.00	46.41 -2.13 0.00	44.42 -1.99 0.00	42.20 -2.22 0.00	36.70 -1.93 -1.46	33.65 -1.57 -1.76	34.40 -1.72 -1.67	55.47 -4.76 0.00	59.41 -4.47 0.00	46.70 -2.98 -0.79	34.99 -1.17 -2.67	33.34 -1.42 -3.30	28.48 -0.56 -3.74	24.57 -0.60 -3.08	19.52 -0.82 -3.51
NM_ST_REGIS____HYD 24053	19.75 -1.53 0.00	20.91 -1.55 0.00	21.02 -1.58 0.00	20.44 -1.56 0.00	19.65 -1.57 0.00	25.43 -1.92 0.00	40.50 -2.72 0.00	48.42 -2.98 0.00	50.24 -2.70 0.00	49.03 -2.80 0.00	45.58 -2.96 0.00	43.63 -2.78 0.00	41.75 -2.66 0.00	34.79 -2.38 0.00	31.19 -2.28 0.00	32.11 -2.34 0.00	57.58 -2.65 0.00	61.07 -2.81 0.00	46.15 -2.74 0.00	30.91 -2.58 0.00	28.97 -2.49 0.00	22.89 -2.40 0.00	19.98 -2.10 0.00	15.55 -1.30 0.00
NORTHPORT____1 23551	57.08 2.57 -33.23	51.76 2.63 -26.67	46.46 2.69 -21.17	45.32 2.62 -20.70	45.40 2.50 -21.68	55.89 3.28 -25.26	69.91 5.62 -21.08	73.34 6.68 -15.26	73.06 6.78 -13.35	73.06 6.64 -14.60	66.16 6.26 -11.35	61.95 6.03 -9.51	59.54 5.77 -9.35	58.44 5.02 -16.26	58.42 4.58 -20.37	59.13 4.72 -19.96	70.81 6.98 -3.60	79.34 7.03 -8.43	73.77 6.35 -18.53	68.02 4.42 -30.11	63.11 3.93 -27.72	62.05 3.08 -33.67	56.48 2.69 -31.70	54.82 2.12 -35.85
NORTHPORT____2 23552	57.08 2.57 -33.23	51.76 2.63 -26.67	46.46 2.69 -21.17	45.32 2.62 -20.70	45.40 2.50 -21.68	55.89 3.28 -25.26	69.91 5.62 -21.08	73.34 6.68 -15.26	73.06 6.78 -13.35	73.06 6.64 -14.60	66.16 6.26 -11.35	61.95 6.03 -9.51	59.54 5.77 -9.35	58.44 5.02 -16.26	58.42 4.58 -20.37	59.13 4.72 -19.96	70.81 6.98 -3.60	79.34 7.03 -8.43	73.77 6.35 -18.53	68.02 4.42 -30.11	63.11 3.93 -27.72	62.05 3.08 -33.67	56.48 2.69 -31.70	54.82 2.12 -35.85
NORTHPORT____3 23553	56.78 2.34 -33.16	51.55 2.40 -26.69	46.14 2.39 -21.14	44.97 2.33 -20.64	45.09 2.23 -21.64	55.46 2.90 -25.21	69.37 5.14 -21.01	72.79 6.11 -15.27	72.48 6.19 -13.35	72.49 6.06 -14.61	65.39 5.48 -11.36	61.12 5.20 -9.52	58.83 5.06 -9.35	57.85 4.42 -16.26	57.85 4.01 -20.37	58.54 4.13 -19.96	69.85 6.02 -3.60	78.57 6.26 -8.43	72.98 5.57 -18.53	67.48 3.88 -30.11	62.64 3.46 -27.72	61.98 3.01 -33.67	56.48 2.69 -31.70	54.75 2.05 -35.85
NORTHPORT____4 23650	56.78 2.34 -33.16	51.55 2.40 -26.69	46.14 2.39 -21.14	44.97 2.33 -20.64	45.09 2.23 -21.64	55.46 2.90 -25.21	69.37 5.14 -21.01	72.79 6.11 -15.27	72.48 6.19 -13.35	72.49 6.06 -14.61	65.39 5.48 -11.36	61.12 5.20 -9.52	58.83 5.06 -9.35	57.85 4.42 -16.26	57.85 4.01 -20.37	58.54 4.13 -19.96	69.85 6.02 -3.60	78.57 6.26 -8.43	72.98 5.57 -18.53	67.48 3.88 -30.11	62.64 3.46 -27.72	61.98 3.01 -33.67	56.48 2.69 -31.70	54.75 2.05 -35.85
NORTHPORT____IC 23718	57.08 2.57 -33.23	51.76 2.63 -26.67	46.46 2.69 -21.17	45.32 2.62 -20.70	45.40 2.50 -21.68	55.89 3.28 -25.26	69.91 5.62 -21.08	73.34 6.68 -15.26	73.06 6.78 -13.35	73.06 6.64 -14.60	66.16 6.26 -11.35	61.95 6.03 -9.51	59.54 5.77 -9.35	58.44 5.02 -16.26	58.42 4.58 -20.37	59.13 4.72 -19.96	70.81 6.98 -3.60	79.34 7.03 -8.43	73.77 6.35 -18.53	68.02 4.42 -30.11	63.11 3.93 -27.72	62.05 3.08 -33.67	56.48 2.69 -31.70	54.82 2.12 -35.85
NPX_GEN_1385_PROXY 323591	57.10 2.59 -33.23	51.80 2.67 -26.67	46.69 2.92 -21.17	45.63 2.93 -20.70	45.70 2.80 -21.68	56.25 3.64 -25.26	70.13 5.83 -21.08	73.80 7.14 -15.26	73.32 7.04 -13.35	73.32 6.89 -14.60	67.13 7.23 -11.35	62.88 6.96 -9.51	60.61 6.84 -9.35	59.30 5.87 -16.26	59.51 5.62 -20.43	63.35 5.79 -23.11	72.02 8.19 -3.60	79.40 7.09 -8.43	74.50 7.09 -18.53	68.25 4.65 -30.11	63.30 4.12 -27.72	61.98 3.01 -33.67	56.26 2.47 -31.70	54.60 1.90 -35.85
NPX_GEN_CSC 323557	57.69 2.85 -33.56	52.66 2.90 -27.30	46.86 2.92 -21.34	45.46 2.82 -20.64	45.73 2.72 -21.79	56.43 3.55 -25.53	70.84 6.18 -21.44	74.92 7.66 -15.86	74.42 7.78 -13.70	74.22 7.51 -14.88	67.50 7.09 -11.87	62.90 6.73 -9.76	60.18 6.40 -9.37	58.97 5.54 -16.26	58.85 5.02 -20.37	59.64 5.23 -19.96	71.90 8.07 -3.60	80.87 8.56 -8.43	74.80 7.38 -18.53	68.82 5.22 -30.11	63.81 4.63 -27.72	62.61 3.64 -33.67	56.85 3.07 -31.70	55.11 2.41 -35.85



NSINS_S_GLNS_FALLS 23858	42.61 2.00 -19.33	42.18 2.06 -17.66	40.12 2.06 -15.46	39.22 2.00 -15.22	40.93 1.93 -17.78	43.55 2.60 -13.61	47.76 4.54 0.00	56.85 5.45 0.00	58.71 5.77 0.00	57.47 5.65 0.00	53.98 5.44 0.00	51.56 5.15 0.00	49.34 4.93 0.00	53.73 4.20 -12.36	52.03 3.71 -14.86	52.31 3.76 -14.11	66.31 6.08 0.00	70.33 6.45 0.00	60.91 5.38 -6.65	59.35 3.65 -22.21	62.19 3.30 -27.42	59.09 2.68 -31.12	49.88 2.17 -25.64	47.44 1.45 -29.15
NUCOR_STEEL____DRP 24197	23.44 0.38 -1.78	24.46 0.38 -1.62	24.40 0.38 -1.42	23.77 0.37 -1.40	23.22 0.36 -1.63	29.09 0.49 -1.25	44.08 0.86 0.00	52.38 0.97 0.00	53.84 0.90 0.00	52.70 0.88 0.00	49.32 0.77 0.00	47.15 0.74 0.00	45.04 0.62 0.00	38.74 0.45 -1.12	35.25 0.43 -1.35	36.11 0.38 -1.28	60.59 0.36 0.00	64.52 0.64 0.00	49.98 0.49 -0.61	36.10 0.57 -2.05	34.58 0.60 -2.53	28.74 0.58 -2.87	24.93 0.49 -2.36	19.81 0.29 -2.69
NYISO_LBMP_REFERENCE 24008	21.28 0.00 0.00	22.46 0.00 0.00	22.60 0.00 0.00	22.00 0.00 0.00	21.22 0.00 0.00	27.35 0.00 0.00	43.22 0.00 0.00	51.40 0.00 0.00	52.94 0.00 0.00	51.82 0.00 0.00	48.54 0.00 0.00	46.41 0.00 0.00	44.41 0.00 0.00	37.17 0.00 0.00	33.46 0.00 0.00	34.45 0.00 0.00	60.22 0.00 0.00	63.88 0.00 0.00	48.89 0.00 0.00	33.49 0.00 0.00	31.46 0.00 0.00	25.29 0.00 0.00	22.08 0.00 0.00	16.84 0.00 0.00
NYPA_BRENTWD____GT 24164	58.07 2.79 -34.00	53.46 2.83 -28.17	47.05 2.87 -21.58	45.33 2.77 -20.56	45.85 2.67 -21.95	56.76 3.53 -25.89	71.24 6.10 -21.93	75.52 7.45 -16.66	74.64 7.51 -14.19	74.45 7.36 -15.27	68.06 6.94 -12.57	63.15 6.64 -10.11	60.11 6.30 -9.39	58.89 5.47 -16.26	58.82 4.99 -20.37	59.54 5.13 -19.96	71.23 7.41 -3.60	79.97 7.66 -8.43	74.21 6.79 -18.53	68.59 4.99 -30.11	63.62 4.44 -27.72	62.46 3.49 -33.67	56.79 3.00 -31.70	55.02 2.33 -35.85
NYPA_GOWANUS____GT5 24156	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NYPA_GOWANUS____GT6 24157	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51
NYPA_HARLEM__RVR__GT1 24160	37.51 2.23 -14.00	37.45 2.20 -12.79	36.03 2.24 -11.20	35.20 2.18 -11.02	36.20 2.10 -12.87	39.95 2.76 -9.84	47.85 4.63 0.00	56.85 5.45 0.00	58.01 5.08 0.01	56.90 5.08 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.20 3.72 -10.03	65.65 5.42 0.00	69.12 5.24 0.01	58.89 5.18 -4.82	53.42 3.55 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.45 2.45 -18.92	40.11 1.75 -21.51
NYPA_HARLEM__RVR__GT2 24161	37.51 2.23 -14.00	37.45 2.20 -12.79	36.03 2.24 -11.20	35.20 2.18 -11.02	36.20 2.10 -12.87	39.95 2.76 -9.84	47.85 4.63 0.00	56.85 5.45 0.00	58.01 5.08 0.01	56.90 5.08 0.01	53.49 4.95 0.01	51.10 4.69 0.00	48.99 4.58 0.00	49.85 3.90 -8.78	47.57 3.55 -10.56	48.20 3.72 -10.03	65.65 5.42 0.00	69.12 5.24 0.01	58.89 5.18 -4.82	53.42 3.55 -16.38	54.67 2.99 -20.22	50.93 2.68 -22.96	43.45 2.45 -18.92	40.11 1.75 -21.51
NYPA_KENT____GT 24152	37.37 2.11 -13.99	37.30 2.06 -12.78	35.95 2.15 -11.20	35.09 2.07 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.39 5.45 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.81 3.78 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.34 5.62 -4.83	53.73 3.85 -16.39	54.96 3.27 -20.23	50.99 2.73 -22.96	43.43 2.43 -18.92	40.19 1.84 -21.51
NYPA_POUCH1____GT 24155	37.39 2.13 -13.99	37.30 2.06 -12.78	35.92 2.12 -11.20	35.07 2.05 -11.02	36.07 1.97 -12.87	39.76 2.57 -9.84	47.67 4.45 0.00	56.85 5.45 0.00	58.18 5.24 0.00	57.06 5.23 0.00	53.64 5.10 0.00	51.24 4.83 0.00	49.12 4.71 0.00	50.01 4.05 -8.79	47.68 3.65 -10.57	48.31 3.82 -10.03	65.88 5.66 0.00	69.70 5.81 0.00	59.29 5.57 -4.83	53.69 3.82 -16.39	54.90 3.21 -20.23	50.96 2.71 -22.96	43.41 2.41 -18.92	40.16 1.80 -21.51
NYPA_VERNON____GT2 24162	37.35 2.09 -13.99	37.30 2.06 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	57.01 5.60 0.00	58.39 5.45 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.42 5.01 0.00	49.34 4.93 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.76 5.87 0.00	59.29 5.57 -4.83	53.69 3.82 -16.39	54.93 3.24 -20.23	50.96 2.71 -22.96	43.41 2.41 -18.92	40.19 1.84 -21.51
NYPA_VERNON____GT3 24163	37.35 2.09 -13.99	37.30 2.06 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	57.01 5.60 0.00	58.39 5.45 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.42 5.01 0.00	49.34 4.93 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.76 5.87 0.00	59.29 5.57 -4.83	53.69 3.82 -16.39	54.93 3.24 -20.23	50.96 2.71 -22.96	43.41 2.41 -18.92	40.19 1.84 -21.51
NYPA__ASTORIA_CC1 323568	37.35 2.09 -13.99	37.28 2.04 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.71 4.49 0.00	56.90 5.50 0.00	58.28 5.34 0.00	57.16 5.34 0.00	53.74 5.20 0.00	51.33 4.92 0.00	49.21 4.80 0.00	50.09 4.13 -8.79	47.74 3.71 -10.57	48.37 3.89 -10.03	65.83 5.60 0.00	69.57 5.68 0.00	59.19 5.47 -4.83	53.63 3.75 -16.39	54.87 3.18 -20.23	50.93 2.68 -22.96	43.39 2.39 -18.92	40.19 1.84 -21.51
NYPA__ASTORIA_CC2 323569	37.35 2.09 -13.99	37.28 2.04 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.71 4.49 0.00	56.90 5.50 0.00	58.28 5.34 0.00	57.16 5.34 0.00	53.74 5.20 0.00	51.33 4.92 0.00	49.21 4.80 0.00	50.09 4.13 -8.79	47.74 3.71 -10.57	48.37 3.89 -10.03	65.83 5.60 0.00	69.57 5.68 0.00	59.19 5.47 -4.83	53.63 3.75 -16.39	54.87 3.18 -20.23	50.93 2.68 -22.96	43.39 2.39 -18.92	40.19 1.84 -21.51
NYPA__HOLTSVILL 23794	57.51 2.70 -33.53	52.47 2.76 -27.25	46.71 2.78 -21.33	45.33 2.68 -20.65	45.59 2.59 -21.78	56.24 3.39 -25.50	70.46 5.83 -21.41	74.40 7.20 -15.80	73.92 7.31 -13.67	73.78 7.10 -14.86	67.07 6.70 -11.82	62.56 6.41 -9.74	59.87 6.09 -9.37	58.67 5.24 -16.26	58.62 4.78 -20.37	59.37 4.96 -19.96	71.36 7.53 -3.60	80.17 7.86 -8.43	74.26 6.84 -18.53	68.45 4.85 -30.11	63.49 4.31 -27.72	62.36 3.39 -33.67	56.70 2.91 -31.70	55.00 2.31 -35.85



NYPY____HELLGATE_GT1 24158	37.51	37.45	36.03	35.20	36.20	39.95	47.85	56.85	58.01	56.90	53.49	51.10	48.99	49.85	47.57	48.20	65.65	69.12	58.89	53.42	54.67	50.93	43.45	40.11
	2.23	2.20	2.24	2.18	2.10	2.76	4.63	5.45	5.08	5.08	4.95	4.69	4.58	3.90	3.55	3.72	5.42	5.24	5.18	3.55	2.99	2.68	2.45	1.75
	-14.00	-12.79	-11.20	-11.02	-12.87	-9.84	0.00	0.00	0.01	0.01	0.01	0.00	0.00	-8.78	-10.56	-10.03	0.00	0.01	-4.82	-16.38	-20.22	-22.96	-18.92	-21.51
NYPY____HELLGATE_GT2 24159	37.51	37.45	36.03	35.20	36.20	39.95	47.85	56.85	58.01	56.90	53.49	51.10	48.99	49.85	47.57	48.20	65.65	69.12	58.89	53.42	54.67	50.93	43.45	40.11
	2.23	2.20	2.24	2.18	2.10	2.76	4.63	5.45	5.08	5.08	4.95	4.69	4.58	3.90	3.55	3.72	5.42	5.24	5.18	3.55	2.99	2.68	2.45	1.75
	-14.00	-12.79	-11.20	-11.02	-12.87	-9.84	0.00	0.00	0.01	0.01	0.01	0.00	0.00	-8.78	-10.56	-10.03	0.00	0.01	-4.82	-16.38	-20.22	-22.96	-18.92	-21.51
NYS_BARGE___HYD 23848	22.99	23.86	23.68	23.02	22.65	27.85	42.31	50.27	51.72	50.68	47.47	45.48	43.17	37.43	34.28	35.05	56.79	60.88	47.69	35.55	33.81	28.81	24.87	19.71
	-0.51	-0.63	-0.70	-0.73	-0.62	-1.07	-0.91	-1.13	-1.22	-1.14	-1.07	-0.93	-1.24	-1.15	-0.87	-1.00	-3.43	-3.00	-1.96	-0.50	-0.82	-0.08	-0.18	-0.50
	-2.22	-2.03	-1.78	-1.75	-2.04	-1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41	-1.69	-1.60	0.00	0.00	-0.76	-2.57	-3.17	-3.60	-2.96	-3.37
O.H_GEN_BRUCE 24063	23.33	24.20	23.99	23.33	22.99	28.15	36.97	49.95	51.39	50.37	47.23	45.16	42.98	37.53	34.43	35.15	53.74	57.43	47.69	35.80	34.20	29.23	25.21	20.19
	-0.45	-0.54	-0.61	-0.64	-0.53	-0.96	-0.99	-1.44	-1.54	-1.45	-1.31	-1.25	-1.42	-1.23	-0.94	-1.10	-3.68	-3.26	-2.05	-0.57	-0.82	-0.10	-0.20	-0.44
	-2.50	-2.28	-2.00	-1.97	-2.30	-1.76	5.26	0.01	0.01	0.00	0.00	0.00	0.01	-1.58	-1.90	-1.80	2.81	3.20	-0.85	-2.88	-3.56	-4.04	-3.33	-3.78
OAK ORCHARD___HYD 24046	23.01	24.00	23.92	23.30	22.78	28.39	43.35	51.76	53.10	51.98	48.64	46.64	44.37	38.14	34.70	35.58	59.38	63.50	49.15	35.65	34.03	28.46	24.60	19.52
	-0.02	-0.07	-0.09	-0.09	-0.06	-0.19	0.13	0.36	0.16	0.16	0.10	0.23	-0.04	-0.15	-0.10	-0.14	-0.84	-0.38	-0.34	0.13	0.06	0.33	0.18	0.02
	-1.76	-1.61	-1.41	-1.38	-1.62	-1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.11	-1.34	-1.27	0.00	0.00	-0.60	-2.03	-2.50	-2.84	-2.34	-2.66
OCC_CHEM___DRP 24175	22.74	23.59	23.39	22.74	22.40	27.45	41.49	49.19	50.66	49.65	46.51	44.50	42.33	36.78	33.72	34.47	55.65	59.60	46.84	35.06	33.41	28.53	24.63	19.56
	-0.85	-0.99	-1.06	-1.08	-0.95	-1.53	-1.73	-2.21	-2.27	-2.17	-2.04	-1.90	-2.09	-1.86	-1.51	-1.65	-4.58	-4.28	-2.84	-1.10	-1.35	-0.51	-0.53	-0.79
	-2.31	-2.11	-1.85	-1.82	-2.13	-1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	-1.76	-1.67	0.00	0.00	-0.79	-2.67	-3.30	-3.74	-3.08	-3.51
OLIN_CORP_DRP 24177	22.74	23.59	23.39	22.74	22.40	27.45	41.49	49.19	50.66	49.65	46.51	44.50	42.33	36.78	33.72	34.47	55.65	59.60	46.84	35.06	33.41	28.53	24.63	19.56
	-0.85	-0.99	-1.06	-1.08	-0.95	-1.53	-1.73	-2.21	-2.27	-2.17	-2.04	-1.90	-2.09	-1.86	-1.51	-1.65	-4.58	-4.28	-2.84	-1.10	-1.35	-0.51	-0.53	-0.79
	-2.31	-2.11	-1.85	-1.82	-2.13	-1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	-1.76	-1.67	0.00	0.00	-0.79	-2.67	-3.30	-3.74	-3.08	-3.51
OLIN_CORP_DSASP 323712	22.74	23.59	23.39	22.74	22.40	27.45	41.49	49.19	50.66	49.65	46.51	44.50	42.33	36.78	33.72	34.47	55.65	59.60	46.84	35.06	33.41	28.53	24.63	19.56
	-0.85	-0.99	-1.06	-1.08	-0.95	-1.53	-1.73	-2.21	-2.27	-2.17	-2.04	-1.90	-2.09	-1.86	-1.51	-1.65	-4.58	-4.28	-2.84	-1.10	-1.35	-0.51	-0.53	-0.79
	-2.31	-2.11	-1.85	-1.82	-2.13	-1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	-1.76	-1.67	0.00	0.00	-0.79	-2.67	-3.30	-3.74	-3.08	-3.51
ONEIDA_HERK_LFGE 323681	21.72	22.93	23.05	22.46	21.65	28.03	44.69	53.05	55.00	54.05	50.24	47.94	45.93	38.10	34.30	35.17	61.49	65.35	49.81	34.06	31.99	25.70	22.41	17.05
	0.45	0.47	0.45	0.46	0.42	0.68	1.47	1.64	2.06	2.23	1.70	1.53	1.51	0.93	0.84	0.72	1.27	1.47	0.93	0.57	0.53	0.40	0.33	0.20
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	23.15	24.19	24.15	23.52	22.95	28.83	43.78	52.02	53.52	52.40	49.03	46.87	44.81	38.48	34.95	35.81	60.35	64.14	49.68	35.70	34.17	28.28	24.56	19.46
	0.28	0.27	0.27	0.26	0.26	0.35	0.56	0.62	0.58	0.57	0.49	0.46	0.40	0.30	0.27	0.21	0.12	0.26	0.25	0.37	0.44	0.40	0.35	0.20
	-1.60	-1.46	-1.28	-1.26	-1.47	-1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.01	-1.22	-1.15	0.00	0.00	-0.55	-1.84	-2.27	-2.58	-2.12	-2.42
ONONDAGA___COGEN 23986	22.94	24.00	23.96	23.33	22.77	28.65	43.52	51.71	53.15	52.03	48.74	46.55	44.50	38.16	34.63	35.53	59.93	63.76	49.35	35.38	33.84	27.99	24.31	19.22
	0.17	0.18	0.16	0.16	0.17	0.25	0.30	0.31	0.21	0.21	0.19	0.14	0.09	0.04	0.03	0.00	-0.30	-0.13	-0.05	0.17	0.25	0.28	0.24	0.12
	-1.50	-1.37	-1.20	-1.18	-1.38	-1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	-1.14	-1.08	0.00	0.00	-0.51	-1.72	-2.13	-2.41	-1.99	-2.26
ONTARIO___LFGE 23819	23.95	24.94	24.84	24.18	23.72	29.56	44.77	53.25	54.68	53.53	50.10	47.85	45.61	39.43	35.93	36.76	60.83	65.03	50.58	36.94	35.32	29.59	25.56	20.42
	0.57	0.56	0.57	0.53	0.57	0.74	1.55	1.85	1.74	1.71	1.55	1.44	1.20	0.93	0.87	0.79	0.60	1.15	0.98	1.04	0.88	0.91	0.69	0.40
	-2.10	-1.92	-1.68	-1.65	-1.93	-1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.33	-1.59	-1.51	0.00	0.00	-0.72	-2.42	-2.98	-3.39	-2.79	-3.17
ORANGEVILLE_WT_PWR 323706	24.42	25.32	25.08	24.40	24.06	29.47	44.25	52.48	53.94	52.76	49.46	47.25	44.90	39.20	35.95	36.67	58.84	63.05	49.53	37.29	35.62	30.41	26.20	21.11
	0.40	0.36	0.29	0.24	0.32	0.19	1.04	1.08	1.00	0.93	0.92	0.84	0.49	0.30	0.40	0.24	-1.38	-0.83	-0.29	0.63	0.25	0.68	0.46	0.12
	-2.74	-2.50	-2.19	-2.16	-2.52	-1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.73	-2.08	-1.98	0.00	0.00	-0.94	-3.16	-3.91	-4.43	-3.65	-4.15
OSWEGATCHIE___HYD 24044	20.26	21.43	21.52	20.97	20.16	26.15	41.75	49.65	51.56	50.58	46.89	44.78	42.95	35.61	31.99	32.83	58.36	61.97	46.93	31.68	29.76	23.73	20.71	15.93
	-1.02	-1.03	-1.08	-1.03	-1.06	-1.20	-1.47	-1.75	-1.38	-1.24	-1.65	-1.63	-1.46	-1.56	-1.47	-1.62	-1.87	-1.91	-1.96	-1.81	-1.70	-1.57	-1.37	-0.91
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OSWEGO___5 23606	22.10	23.18	23.20	22.57	21.97	27.79	42.57	50.53	51.99	50.89	47.67	45.58	43.57	37.10	33.63	34.53	58.78	62.48	48.22	34.17	32.59	26.78	23.29	18.24
	-0.23	-0.25	-0.25	-0.26	-0.23	-0.30	-0.65	-0.87	-0.95	-0.93	-0.87	-0.83	-0.85	-0.74	-0.64	-0.69	-1.45	-1.41	-1.03	-0.54	-0.38	-0.23	-0.20	-0.20
	-1.06	-0.97	-0.85	-0.84	-0.98	-0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.67	-0.81	-0.77	0.00	0.00	-0.36	-1.22	-1.51	-1.71	-1.41	-1.60



OSWEGO___6 23613	22.10 -0.23 -1.06	23.18 -0.25 -0.97	23.20 -0.25 -0.85	22.57 -0.26 -0.84	21.97 -0.23 -0.98	27.79 -0.30 -0.75	42.57 -0.65 0.00	50.53 -0.87 0.00	51.99 -0.95 0.00	50.89 -0.93 0.00	47.67 -0.87 0.00	45.58 -0.83 0.00	43.57 -0.85 0.00	37.10 -0.74 -0.67	33.63 -0.64 -0.81	34.53 -0.69 -0.77	58.78 -1.45 0.00	62.48 -1.41 0.00	48.22 -1.03 -0.36	34.17 -0.54 -1.22	32.59 -0.38 -1.51	26.78 -0.23 -1.71	23.29 -0.20 -1.41	18.24 -0.20 -1.60
OUTOKUMPU-AB___DRP 24206	23.46 -0.15 -2.33	24.35 -0.25 -2.13	24.15 -0.32 -1.87	23.46 -0.37 -1.84	23.09 -0.28 -2.15	28.36 -0.63 -1.64	43.09 -0.13 0.00	51.15 -0.26 0.00	52.67 -0.26 0.00	51.62 -0.21 0.00	48.45 -0.10 0.00	46.36 -0.05 0.00	44.01 -0.40 0.00	38.21 -0.44 -1.48	35.01 -0.23 -1.78	35.76 -0.38 -1.69	57.75 -2.47 0.00	61.90 -1.98 0.00	48.57 -1.12 -0.80	36.25 0.07 -2.70	34.51 -0.28 -3.33	29.43 0.35 -3.78	25.37 0.18 -3.11	20.13 -0.25 -3.54
OXBOW___ 24026	23.13 -0.47 -2.32	24.00 -0.58 -2.12	23.80 -0.66 -1.86	23.13 -0.70 -1.83	22.79 -0.57 -2.14	27.95 -1.04 -1.64	42.40 -0.82 0.00	50.27 -1.13 0.00	51.77 -1.16 0.00	50.73 -1.09 0.00	47.62 -0.92 0.00	45.58 -0.83 0.00	43.26 -1.16 0.00	37.56 -1.08 -1.47	34.46 -0.77 -1.77	35.20 -0.93 -1.68	56.85 -3.37 0.00	60.88 -3.00 0.00	47.83 -1.86 -0.80	35.74 -0.44 -2.69	34.02 -0.76 -3.31	29.03 -0.03 -3.76	25.05 -0.13 -3.10	19.88 -0.49 -3.52
OXY_CHEM_DSASP 323612	22.74 -0.85 -2.31	23.59 -0.99 -2.11	23.39 -1.06 -1.85	22.74 -1.08 -1.82	22.40 -0.95 -2.13	27.45 -1.53 -1.63	41.49 -1.73 0.00	49.19 -2.21 0.00	50.66 -2.27 0.00	49.65 -2.17 0.00	46.51 -2.04 0.00	44.50 -1.90 0.00	42.33 -2.09 0.00	36.78 -1.86 -1.46	33.72 -1.51 -1.76	34.47 -1.65 -1.67	55.65 -4.58 0.00	59.60 -4.28 0.00	46.84 -2.84 -0.79	35.06 -1.10 -2.67	33.41 -1.35 -3.30	28.53 -0.51 -3.74	24.63 -0.53 -3.08	19.56 -0.79 -3.51
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.74 -0.85 -2.31	23.59 -0.99 -2.11	23.39 -1.06 -1.85	22.74 -1.08 -1.82	22.40 -0.95 -2.13	27.45 -1.53 -1.63	41.49 -1.73 0.00	49.19 -2.21 0.00	50.66 -2.27 0.00	49.65 -2.17 0.00	46.51 -2.04 0.00	44.50 -1.90 0.00	42.33 -2.09 0.00	36.78 -1.86 -1.46	33.72 -1.51 -1.76	34.47 -1.65 -1.67	55.65 -4.58 0.00	59.60 -4.28 0.00	46.84 -2.84 -0.79	35.06 -1.10 -2.67	33.41 -1.35 -3.30	28.53 -0.51 -3.74	24.63 -0.53 -3.08	19.56 -0.79 -3.51
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.44 2.17 -14.00	37.40 2.16 -12.79	35.99 2.19 -11.20	35.16 2.13 -11.02	36.15 2.06 -12.87	39.90 2.71 -9.84	47.80 4.58 0.00	56.85 5.45 0.00	58.01 5.08 0.01	56.90 5.08 0.01	53.49 4.95 0.01	51.10 4.69 0.00	49.03 4.62 0.00	49.89 3.94 -8.78	47.57 3.55 -10.56	48.20 3.72 -10.03	65.65 5.42 0.00	69.24 5.37 0.01	58.95 5.23 -4.82	53.45 3.02 -16.38	54.70 3.02 -20.22	50.91 2.66 -22.96	43.43 2.43 -18.92	40.11 1.75 -21.51
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.44 2.17 -14.00	37.40 2.16 -12.79	35.99 2.19 -11.20	35.13 2.11 -11.02	36.13 2.04 -12.87	39.90 2.71 -9.84	47.80 4.58 0.00	56.85 5.45 0.00	58.06 5.13 0.01	56.95 5.13 0.01	53.54 5.00 0.01	51.19 4.78 0.00	49.12 4.71 0.00	49.93 3.98 -8.78	47.64 3.62 -10.56	48.27 3.79 -10.03	65.76 5.54 0.00	69.37 5.49 0.01	59.04 5.33 -4.82	53.52 3.65 -16.38	54.77 3.08 -20.22	50.93 2.68 -22.96	43.43 2.43 -18.92	40.11 1.75 -21.51
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.81 0.98 -2.55	25.73 0.94 -2.33	25.50 0.86 -2.04	24.80 0.79 -2.01	24.42 0.85 -2.35	29.99 0.85 -1.79	45.42 2.20 0.00	53.61 2.21 0.00	55.16 2.22 0.00	54.05 2.23 0.00	50.83 2.28 0.00	48.27 1.86 0.00	45.93 1.51 0.00	39.97 1.19 -1.61	36.67 1.27 -1.94	37.39 1.10 -1.84	60.04 -0.18 0.00	64.33 0.45 0.00	50.63 0.88 -0.86	37.94 1.54 -2.91	35.97 0.91 -3.59	30.69 1.31 -4.08	26.44 0.99 -3.36	21.08 0.42 -3.82
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.49 1.94 -14.27	37.54 2.04 -13.04	36.05 2.03 -11.42	35.22 1.98 -11.24	36.19 1.85 -13.13	39.80 2.41 -10.05	47.80 4.58 0.00	57.16 5.76 0.00	58.71 5.77 0.00	57.42 5.60 0.00	53.88 5.34 0.00	51.51 5.11 0.00	49.21 4.80 0.00	50.27 4.13 -8.97	47.96 3.71 -10.78	48.54 3.86 -10.24	65.76 5.54 0.00	69.89 6.00 0.00	59.12 5.28 -4.95	54.05 3.65 -16.91	55.45 3.12 -20.87	51.54 2.55 -23.69	43.67 2.08 -19.51	40.56 1.53 -22.19
PEEKSKILL___ 23653	36.85 1.70 -13.87	36.81 1.69 -12.67	35.41 1.72 -11.09	34.59 1.67 -10.92	35.57 1.59 -12.75	39.21 2.11 -9.76	46.98 3.76 0.00	56.08 4.68 0.00	57.70 4.77 0.00	56.44 4.61 0.00	53.06 4.52 0.00	50.73 4.32 0.00	48.64 4.22 0.00	49.53 3.65 -8.71	47.25 3.31 -10.47	47.80 3.41 -9.94	65.10 4.88 0.00	69.06 5.17 0.00	58.37 4.69 -4.79	53.05 3.32 -16.25	54.35 2.83 -20.06	50.36 2.30 -22.77	42.73 1.90 -18.75	39.60 1.43 -21.32
PGE MADISON___WINDPWR 24146	27.88 2.15 -4.46	28.78 2.25 -4.07	28.36 2.19 -3.57	27.67 2.16 -3.51	27.38 2.06 -4.10	33.36 2.87 -3.14	48.75 5.53 0.00	57.72 6.32 0.00	60.08 7.14 0.00	59.24 7.41 0.00	54.81 6.26 0.00	52.21 5.80 0.00	50.01 5.60 0.00	43.97 3.98 -2.82	40.44 3.58 -3.39	41.11 3.44 -3.22	65.76 5.54 0.00	70.15 6.26 0.00	55.00 4.59 -1.52	41.84 3.22 -5.14	40.69 2.89 -6.34	34.84 2.35 -7.20	30.00 1.99 -5.93	24.93 1.35 -6.74
PIERCEFIELD___HYD 23852	19.55 -1.72 0.00	20.68 -1.77 0.00	20.81 -1.79 0.00	20.24 -1.76 0.00	19.46 -1.76 0.00	25.19 -2.16 0.00	40.15 -3.07 0.00	47.90 -3.50 0.00	49.76 -3.17 0.00	48.61 -3.21 0.00	45.14 -3.40 0.00	43.16 -3.25 0.00	41.35 -3.06 0.00	34.42 -2.75 0.00	30.85 -2.61 0.00	31.76 -2.69 0.00	57.09 -3.13 0.00	60.63 -3.26 0.00	45.76 -3.13 0.00	30.57 -2.91 0.00	28.69 -2.77 0.00	22.71 -2.58 0.00	19.85 -2.23 0.00	15.46 -1.38 0.00
PINELAWN_CC_1 323563	60.89 2.62 -37.00	58.69 2.67 -33.56	48.40 2.67 -23.13	44.75 2.59 -20.16	46.75 2.48 -23.05	58.92 3.28 -28.29	74.18 5.75 -25.21	80.11 6.99 -21.72	77.25 7.10 -17.21	76.44 6.95 -17.67	72.07 6.55 -16.98	64.83 6.17 -12.25	59.85 5.91 -9.52	58.52 5.09 -16.26	58.49 4.65 -20.37	59.23 4.82 -19.96	71.17 7.34 -3.60	79.97 7.66 -8.43	74.16 6.75 -18.53	68.32 4.72 -30.11	63.33 4.15 -27.72	62.31 3.34 -33.67	56.63 2.85 -31.70	54.87 2.17 -35.85
PJM_GEN_HTP_PROXY 323702	37.22 1.96 -13.99	37.17 1.93 -12.78	35.73 1.94 -11.19	34.91 1.89 -11.01	35.89 1.80 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.88 3.85 -10.57	48.44 3.96 -10.03	66.07 5.84 0.00	70.02 6.13 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.88 2.63 -22.96	43.22 2.23 -18.91	40.04 1.70 -21.50
PJM_GEN_KEystone 24065	30.41 0.94 -8.20	30.85 0.90 -7.49	30.04 0.88 -6.56	29.29 0.84 -6.46	29.61 0.85 -7.54	34.10 0.98 -5.77	45.21 1.99 0.00	53.56 2.16 0.00	55.06 2.12 0.00	53.90 2.08 0.00	50.68 2.13 0.00	48.40 1.99 0.00	46.28 1.87 0.00	44.00 1.67 -5.16	41.27 1.61 -6.20	44.63 1.51 -8.67	58.59 1.14 2.78	65.41 1.53 0.00	53.58 1.86 -2.83	44.85 1.77 -9.59	44.68 1.38 -11.84	40.14 1.42 -13.43	34.27 1.13 -11.07	30.16 0.74 -12.58



PJM_GEN_NEPTUNE_PROXY 323594	55.53 2.38 -31.87	48.95 2.43 -24.06	45.51 2.44 -20.47	45.31 2.36 -20.95	44.69 2.27 -21.19	54.51 2.98 -24.18	68.04 5.23 -19.59	70.54 6.32 -12.82	71.27 6.46 -11.88	71.58 6.32 -13.44	63.73 5.97 -9.22	60.54 5.66 -8.47	59.12 5.42 -9.29	58.11 4.68 -16.26	58.09 4.25 -20.37	58.82 4.41 -19.96	70.39 6.57 -3.60	79.15 6.84 -8.43	73.47 6.06 -18.53	67.85 4.25 -30.11	62.89 3.71 -27.72	62.00 3.03 -33.67	56.39 2.60 -31.70	54.68 1.99 -35.85
PJM_GEN_VFT_PROXY 323633	37.14 1.87 -13.99	37.10 1.86 -12.78	35.66 1.87 -11.19	34.84 1.82 -11.01	35.83 1.74 -12.86	39.52 2.32 -9.84	47.54 4.32 0.00	56.80 5.40 0.00	58.34 5.40 0.00	57.11 5.29 0.00	53.64 5.10 0.00	51.28 4.87 0.00	49.17 4.75 0.00	50.05 4.09 -8.79	47.78 3.75 -10.57	48.37 3.89 -10.03	65.83 5.60 0.00	69.89 6.00 0.00	59.10 5.38 -4.83	53.59 3.72 -16.39	54.87 3.18 -20.23	50.81 2.55 -22.96	43.18 2.19 -18.91	40.03 1.68 -21.50
PLEASANTVLY___LBMP 24000	37.68 1.72 -14.68	37.62 1.75 -13.41	36.11 1.76 -11.74	35.28 1.72 -11.56	36.38 1.66 -13.50	39.84 2.16 -10.33	47.02 3.80 0.00	56.03 4.63 0.00	57.65 4.71 0.00	56.44 4.61 0.00	53.06 4.52 0.00	50.73 4.32 0.00	48.59 4.17 0.00	50.01 3.60 -9.23	47.84 3.28 -11.10	48.37 3.38 -10.54	65.10 4.88 0.00	69.00 5.11 0.00	58.58 4.65 -5.05	53.85 3.25 -17.11	55.38 2.80 -21.12	51.54 2.28 -23.97	43.73 1.90 -19.75	40.71 1.41 -22.45
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.30 1.81 -14.22	37.27 1.82 -12.99	35.83 1.85 -11.38	35.00 1.80 -11.20	36.02 1.72 -13.08	39.63 2.27 -10.01	47.24 4.02 0.00	56.39 4.98 0.00	57.97 5.03 0.00	56.75 4.93 0.00	53.35 4.81 0.00	51.01 4.60 0.00	48.86 4.44 0.00	49.94 3.83 -8.93	47.68 3.48 -10.74	48.26 3.62 -10.20	65.46 5.24 0.00	69.38 5.49 0.00	58.79 4.99 -4.92	53.65 3.48 -16.68	55.04 2.99 -20.59	51.09 2.43 -23.37	43.32 1.99 -19.25	40.23 1.50 -21.89
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.14 1.89 -14.97	38.05 1.91 -13.68	36.50 1.92 -11.98	35.66 1.87 -11.79	36.84 1.85 -13.77	40.29 2.41 -10.54	47.41 4.19 0.00	56.34 4.94 0.00	58.02 5.08 0.00	56.69 4.87 0.00	53.50 4.95 0.00	51.10 4.69 0.00	48.90 4.48 0.00	50.32 3.94 -9.21	48.15 3.62 -11.07	48.68 3.72 -10.51	65.53 5.30 0.00	69.57 5.68 0.00	59.14 5.18 -5.08	54.51 3.48 -17.54	56.07 2.96 -21.65	52.30 2.43 -24.57	44.33 2.01 -20.24	41.36 1.50 -23.02
POLETTI____ 23519	37.18 1.92 -13.99	37.12 1.89 -12.78	35.69 1.90 -11.19	34.86 1.85 -11.01	35.85 1.76 -12.86	39.54 2.35 -9.84	47.41 4.19 0.00	56.70 5.30 0.00	58.28 5.34 0.00	57.11 5.29 0.00	53.64 5.10 0.00	51.28 4.87 0.00	49.17 4.75 0.00	50.05 4.09 -8.79	47.74 3.71 -10.57	48.34 3.86 -10.03	65.88 5.66 0.00	69.76 5.87 0.00	59.05 5.33 -4.83	53.56 3.68 -16.39	54.87 3.18 -20.23	50.81 2.55 -22.96	43.18 2.19 -18.91	40.06 1.72 -21.50
PORT_JEFF_3 23555	57.60 2.76 -33.56	52.58 2.81 -27.31	46.77 2.82 -21.35	45.39 2.75 -20.64	45.65 2.63 -21.79	56.35 3.47 -25.53	70.66 6.01 -21.44	74.61 7.35 -15.86	74.11 7.47 -13.71	74.02 7.31 -14.89	67.31 6.89 -11.87	62.72 6.55 -9.77	60.00 6.22 -9.37	58.82 5.39 -16.26	58.72 4.89 -20.37	59.47 5.07 -19.96	71.48 7.65 -3.60	80.36 8.05 -8.43	74.40 6.99 -18.53	68.59 4.99 -30.11	63.62 4.44 -27.72	62.46 3.49 -33.67	56.76 2.98 -31.70	55.04 2.34 -35.85
PORT_JEFF_4 23616	57.60 2.76 -33.56	52.58 2.81 -27.31	46.77 2.82 -21.35	45.39 2.75 -20.64	45.65 2.63 -21.79	56.35 3.47 -25.53	70.66 6.01 -21.44	74.61 7.35 -15.86	74.11 7.47 -13.71	74.02 7.31 -14.89	67.31 6.89 -11.87	62.72 6.55 -9.77	60.00 6.22 -9.37	58.82 5.39 -16.26	58.72 4.89 -20.37	59.47 5.07 -19.96	71.48 7.65 -3.60	80.36 8.05 -8.43	74.40 6.99 -18.53	68.59 4.99 -30.11	63.62 4.44 -27.72	62.46 3.49 -33.67	56.76 2.98 -31.70	55.04 2.34 -35.85
PORT_JEFF_IC 23713	57.76 2.83 -33.65	52.82 2.88 -27.49	46.86 2.87 -21.39	45.42 2.79 -20.62	45.74 2.70 -21.83	56.48 3.53 -25.60	70.89 6.13 -21.54	74.99 7.56 -16.03	74.42 7.67 -13.81	74.25 7.46 -14.96	67.60 7.04 -12.02	62.97 6.73 -9.84	60.14 6.35 -9.37	58.93 5.50 -16.26	58.85 5.02 -20.37	59.61 5.20 -19.96	71.60 7.77 -3.60	80.49 8.18 -8.43	74.55 7.14 -18.53	68.75 5.15 -30.11	63.74 4.56 -27.72	62.56 3.59 -33.67	56.85 3.07 -31.70	55.11 2.41 -35.85
PPL PILGRIM_ST_GT1 24216	58.07 2.79 -34.00	53.46 2.83 -28.17	47.05 2.87 -21.58	45.33 2.77 -20.56	45.85 2.67 -21.95	56.76 3.53 -25.89	71.24 6.10 -21.93	75.52 7.45 -16.66	74.64 7.51 -14.19	74.45 7.36 -15.27	68.06 6.94 -12.57	63.15 6.64 -10.11	60.11 6.30 -9.39	58.89 5.47 -16.26	58.82 4.99 -20.37	59.54 5.13 -19.96	71.23 7.41 -3.60	79.97 7.66 -8.43	74.21 6.79 -18.53	68.59 4.99 -30.11	63.62 4.44 -27.72	62.46 3.49 -33.67	56.79 3.00 -31.70	55.02 2.33 -35.85
PPL PILGRIM_ST_GT2 24217	58.07 2.79 -34.00	53.46 2.83 -28.17	47.05 2.87 -21.58	45.33 2.77 -20.56	45.85 2.67 -21.95	56.76 3.53 -25.89	71.24 6.10 -21.93	75.52 7.45 -16.66	74.64 7.51 -14.19	74.45 7.36 -15.27	68.06 6.94 -12.57	63.15 6.64 -10.11	60.11 6.30 -9.39	58.89 5.47 -16.26	58.82 4.99 -20.37	59.54 5.13 -19.96	71.23 7.41 -3.60	79.97 7.66 -8.43	74.21 6.79 -18.53	68.59 4.99 -30.11	63.62 4.44 -27.72	62.46 3.49 -33.67	56.79 3.00 -31.70	55.02 2.33 -35.85
PPL_SHRM_GT3 24213	57.68 2.81 -33.59	52.69 2.85 -27.38	46.83 2.87 -21.36	45.41 2.77 -20.64	45.70 2.67 -21.81	56.44 3.53 -25.56	70.79 6.10 -21.48	74.89 7.56 -15.93	74.31 7.62 -13.74	74.15 7.41 -14.92	67.46 6.99 -11.93	62.84 6.64 -9.79	60.09 6.30 -9.37	58.86 5.43 -16.26	58.79 4.95 -20.37	59.54 5.13 -19.96	71.78 7.95 -3.60	80.74 8.43 -8.43	74.70 7.29 -18.53	68.75 5.15 -30.11	63.74 4.56 -27.72	62.54 3.57 -33.67	56.81 3.03 -31.70	55.09 2.39 -35.85
PPL_SHRM_GT4 24214	57.68 2.81 -33.59	52.69 2.85 -27.38	46.83 2.87 -21.36	45.41 2.77 -20.64	45.70 2.67 -21.81	56.44 3.53 -25.56	70.79 6.10 -21.48	74.89 7.56 -15.93	74.31 7.62 -13.74	74.15 7.41 -14.92	67.46 6.99 -11.93	62.84 6.64 -9.79	60.09 6.30 -9.37	58.86 5.43 -16.26	58.79 4.95 -20.37	59.54 5.13 -19.96	71.78 7.95 -3.60	80.74 8.43 -8.43	74.70 7.29 -18.53	68.75 5.15 -30.11	63.74 4.56 -27.72	62.54 3.57 -33.67	56.81 3.03 -31.70	55.09 2.39 -35.85
PROJECT___ORANGE 1 24174	22.78 0.11 -1.40	23.83 0.09 -1.28	23.81 0.09 -1.12	23.19 0.09 -1.10	22.62 0.11 -1.29	28.47 0.14 -0.98	43.39 0.17 0.00	51.50 0.10 0.00	53.04 0.11 0.00	51.93 0.10 0.00	48.59 0.05 0.00	46.46 0.05 0.00	44.41 0.00 0.00	38.02 -0.04 -0.88	34.53 0.00 -1.06	35.39 -0.07 -1.01	59.87 -0.36 0.00	63.63 -0.25 0.00	49.22 -0.15 -0.48	35.20 0.10 -1.61	33.64 0.19 -1.99	27.75 0.20 -2.26	24.12 0.18 -1.86	19.02 0.07 -2.11
PROJECT___ORANGE 2 24166	22.78 0.11 -1.40	23.83 0.09 -1.28	23.81 0.09 -1.12	23.19 0.09 -1.10	22.62 0.11 -1.29	28.47 0.14 -0.98	43.39 0.17 0.00	51.50 0.10 0.00	53.04 0.11 0.00	51.93 0.10 0.00	48.59 0.05 0.00	46.46 0.05 0.00	44.41 0.00 0.00	38.02 -0.04 -0.88	34.53 0.00 -1.06	35.39 -0.07 -1.01	59.87 -0.36 0.00	63.63 -0.25 0.00	49.22 -0.15 -0.48	35.20 0.10 -1.61	33.64 0.19 -1.99	27.75 0.20 -2.26	24.12 0.18 -1.86	19.02 0.07 -2.11



PYRITES___HYD 24023	19.83 -1.45 0.00	20.98 -1.48 0.00	21.09 -1.51 0.00	20.53 -1.47 0.00	19.72 -1.51 0.00	25.57 -1.78 0.00	40.84 -2.38 0.00	48.73 -2.68 0.00	50.66 -2.27 0.00	49.55 -2.28 0.00	45.97 -2.57 0.00	43.90 -2.51 0.00	42.10 -2.31 0.00	34.98 -2.19 0.00	31.36 -2.11 0.00	32.24 -2.21 0.00	58.06 -2.17 0.00	61.65 -2.24 0.00	46.49 -2.39 0.00	31.01 -2.48 0.00	29.10 -2.36 0.00	23.02 -2.28 0.00	20.12 -1.97 0.00	15.66 -1.18 0.00
RAMAPO___LBMP 323565	36.37 1.62 -13.47	36.36 1.59 -12.31	35.01 1.63 -10.78	34.20 1.58 -10.61	35.14 1.53 -12.39	38.83 2.00 -9.48	46.76 3.54 0.00	55.77 4.37 0.00	57.33 4.39 0.00	56.12 4.30 0.00	52.76 4.22 0.00	50.45 4.04 0.00	48.37 3.95 0.00	49.09 3.46 -8.46	46.78 3.14 -10.17	47.35 3.24 -9.66	64.74 4.52 0.00	68.61 4.73 0.00	57.95 4.40 -4.66	52.42 3.11 -15.82	53.64 2.64 -19.53	49.64 2.18 -22.17	42.13 1.79 -18.26	38.95 1.35 -20.76
RANKINE____ 23646	24.09 0.34 -2.47	24.99 0.27 -2.26	24.76 0.18 -1.98	24.06 0.11 -1.95	23.71 0.21 -2.27	29.09 0.00 -1.74	44.13 0.91 0.00	52.27 0.87 0.00	53.84 0.90 0.00	52.70 0.88 0.00	49.46 0.92 0.00	47.39 0.98 0.00	45.04 0.62 0.00	39.15 0.41 -1.56	35.91 0.57 -1.88	36.61 0.38 -1.78	58.96 -1.27 0.00	63.18 -0.70 0.00	49.64 -0.10 -0.85	37.19 0.84 -2.86	35.34 0.35 -3.53	30.16 0.86 -4.01	25.98 0.60 -3.30	20.70 0.10 -3.76
RAVENSWOOD_GT2_1 24244	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.02	35.91 1.83 -12.86	39.63 2.43 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.44 5.51 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT2_2 24245	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.02	35.91 1.83 -12.86	39.63 2.43 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.44 5.51 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT2_3 24246	37.24 1.98 -13.99	37.19 1.95 -12.78	35.78 1.99 -11.19	34.93 1.91 -11.02	35.93 1.85 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	69.96 6.07 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT2_4 24247	37.24 1.98 -13.99	37.19 1.95 -12.78	35.78 1.99 -11.19	34.93 1.91 -11.02	35.93 1.85 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	56.90 5.50 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.47 5.06 0.00	49.30 4.89 0.00	50.20 4.24 -8.79	47.88 3.85 -10.57	48.48 3.99 -10.03	66.07 5.84 0.00	69.96 6.07 0.00	59.24 5.52 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT3_1 24248	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.91 1.89 -11.02	35.91 1.83 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.44 5.51 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.88 2.63 -22.96	43.22 2.23 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT3_2 24249	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.91 1.89 -11.02	35.91 1.83 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.44 5.51 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.88 2.63 -22.96	43.22 2.23 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT3_3 24250	37.26 2.00 -13.99	37.21 1.98 -12.78	35.78 1.99 -11.19	34.93 1.91 -11.02	35.93 1.85 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	56.95 5.55 0.00	58.55 5.61 0.00	57.32 5.49 0.00	53.88 5.34 0.00	51.51 5.11 0.00	49.34 4.93 0.00	50.23 4.27 -8.79	47.91 3.88 -10.57	48.51 4.03 -10.03	66.13 5.91 0.00	70.08 6.19 0.00	59.29 5.57 -4.83	53.73 3.85 -16.39	55.02 3.33 -20.23	50.93 2.68 -22.96	43.27 2.27 -18.91	40.08 1.74 -21.50
RAVENSWOOD_GT3_4 24251	37.26 2.00 -13.99	37.21 1.98 -12.78	35.78 1.99 -11.19	34.93 1.91 -11.02	35.93 1.85 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	56.95 5.55 0.00	58.55 5.61 0.00	57.32 5.49 0.00	53.88 5.34 0.00	51.51 5.11 0.00	49.34 4.93 0.00	50.23 4.27 -8.79	47.91 3.88 -10.57	48.51 4.03 -10.03	66.13 5.91 0.00	70.08 6.19 0.00	59.29 5.57 -4.83	53.73 3.85 -16.39	55.02 3.33 -20.23	50.93 2.68 -22.96	43.27 2.27 -18.91	40.08 1.74 -21.50
RAVENSWOOD_GT_1 23729	37.35 2.09 -13.99	37.30 2.06 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	57.01 5.60 0.00	58.39 5.45 0.00	57.26 5.44 0.00	53.84 5.29 0.00	51.42 5.01 0.00	49.34 4.93 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.76 5.87 0.00	59.29 5.57 -4.83	53.69 3.82 -16.39	54.93 3.24 -20.23	50.96 2.71 -22.96	43.41 2.41 -18.92	40.19 1.84 -21.51
RAVENSWOOD_GT_10 24258	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.02	35.91 1.83 -12.86	39.63 2.43 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.44 5.51 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT_11 24259	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.02	35.91 1.83 -12.86	39.63 2.43 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.44 5.51 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT_4 24252	37.20 1.94 -13.99	37.17 1.93 -12.78	35.75 1.97 -11.19	34.91 1.89 -11.02	35.91 1.83 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.22 2.23 -18.91	40.07 1.72 -21.50



RAVENSWOOD_GT_5 24254	37.20 1.94 -13.99	37.17 1.93 -12.78	35.75 1.97 -11.19	34.91 1.89 -11.02	35.91 1.83 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.22 2.23 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT_6 24253	37.20 1.94 -13.99	37.17 1.93 -12.78	35.75 1.97 -11.19	34.91 1.89 -11.02	35.91 1.83 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.22 2.23 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT_7 24255	37.20 1.94 -13.99	37.17 1.93 -12.78	35.75 1.97 -11.19	34.91 1.89 -11.02	35.91 1.83 -12.86	39.60 2.41 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.49 5.56 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.22 2.23 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.02	35.91 1.83 -12.86	39.63 2.43 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.44 5.51 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.07 1.72 -21.50
RAVENSWOOD_GT_9 24257	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.02	35.91 1.83 -12.86	39.63 2.43 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.44 5.51 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.07 1.72 -21.50
RAVENSWOOD___1 23533	37.33 2.06 -13.99	37.28 2.04 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.71 4.49 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.84 3.78 -10.57	48.41 3.93 -10.03	65.95 5.72 0.00	69.70 5.81 0.00	59.29 5.57 -4.83	53.69 3.82 -16.39	54.90 3.21 -20.23	50.96 2.71 -22.96	43.41 2.41 -18.92	40.19 1.84 -21.51
RAVENSWOOD___2 23534	37.33 2.06 -13.99	37.28 2.04 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.71 4.49 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.38 4.97 0.00	49.26 4.84 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	65.95 5.72 0.00	69.64 5.75 0.00	59.24 5.52 -4.83	53.66 3.78 -16.39	54.90 3.21 -20.23	50.93 2.68 -22.96	43.39 2.39 -18.92	40.19 1.84 -21.51
RAVENSWOOD___3 23535	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.02	35.91 1.83 -12.86	39.63 2.43 -9.84	47.58 4.36 0.00	56.85 5.45 0.00	58.44 5.51 0.00	57.26 5.44 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.16 4.20 -8.79	47.84 3.81 -10.57	48.44 3.96 -10.03	66.01 5.78 0.00	69.96 6.07 0.00	59.19 5.47 -4.83	53.69 3.82 -16.39	54.96 3.27 -20.23	50.91 2.66 -22.96	43.25 2.25 -18.91	40.07 1.72 -21.50
RAVENSWOOD___4 23820	37.33 2.06 -13.99	37.26 2.02 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.71 4.49 0.00	56.90 5.50 0.00	58.28 5.34 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.38 4.97 0.00	49.26 4.84 0.00	50.09 4.13 -8.79	47.78 3.75 -10.57	48.37 3.89 -10.03	65.88 5.66 0.00	69.64 5.75 0.00	59.24 5.52 -4.83	53.66 3.78 -16.39	54.87 3.18 -20.23	50.93 2.68 -22.96	43.39 2.39 -18.92	40.19 1.84 -21.51
RCPL_TRUST___DRP 24196	37.22 1.96 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.01	35.91 1.83 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	56.90 5.50 0.00	58.55 5.61 0.00	57.37 5.55 0.00	53.88 5.34 0.00	51.51 5.11 0.00	49.39 4.97 0.00	50.23 4.27 -8.79	47.91 3.88 -10.57	48.51 4.03 -10.03	66.13 5.91 0.00	70.08 6.19 0.00	59.29 5.57 -4.83	53.72 3.85 -16.39	54.99 3.30 -20.23	50.93 2.68 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
RENSSELAER___COGEN 23796	41.04 1.45 -18.31	40.69 1.50 -16.73	38.76 1.51 -14.65	37.87 1.45 -14.42	39.48 1.42 -16.84	42.07 1.83 -12.89	45.59 2.38 0.00	54.18 2.77 0.00	55.79 2.86 0.00	54.62 2.80 0.00	51.21 2.67 0.00	48.96 2.55 0.00	47.03 2.62 0.00	51.29 2.27 -11.85	49.75 2.04 -14.24	50.04 2.07 -13.52	63.18 2.95 0.00	66.82 2.94 0.00	57.99 2.74 -6.37	56.58 2.04 -21.05	59.24 1.79 -25.99	56.31 1.52 -29.49	47.77 1.39 -24.30	45.44 0.98 -27.62
REVERE_CPPR_DRP 24186	22.19 0.91 0.00	23.40 0.94 0.00	23.53 0.93 0.00	22.90 0.90 0.00	22.09 0.87 0.00	28.63 1.29 0.00	45.72 2.51 0.00	54.23 2.83 0.00	56.33 3.39 0.00	55.40 3.57 0.00	51.46 2.91 0.00	49.10 2.69 0.00	47.03 2.62 0.00	38.92 1.75 0.00	35.04 1.57 0.00	35.90 1.45 0.00	62.70 2.47 0.00	66.57 2.68 0.00	50.79 1.90 0.00	34.76 1.27 0.00	32.66 1.20 0.00	26.25 0.96 0.00	22.88 0.79 0.00	17.37 0.52 0.00
RIVERBAY____ 323610	37.44 2.17 -14.00	37.40 2.16 -12.79	35.99 2.19 -11.20	35.13 2.11 -11.02	36.13 2.04 -12.87	39.90 2.71 -9.84	47.80 4.58 0.00	56.85 5.45 0.00	58.06 5.13 0.01	56.95 5.13 0.01	53.54 5.00 0.01	51.19 4.78 0.00	49.12 4.71 0.00	49.93 3.98 -8.78	47.64 3.62 -10.56	48.27 3.79 -10.03	65.76 5.54 0.00	69.37 5.49 0.01	59.04 5.33 -4.82	53.52 3.65 -16.38	54.77 3.08 -20.22	50.93 2.68 -22.96	43.43 2.43 -18.92	40.11 1.75 -21.51
ROCHESTER_9_IC 23652	23.09 0.06 -1.75	24.08 0.02 -1.59	23.97 -0.02 -1.40	23.35 -0.02 -1.37	22.83 0.00 -1.60	28.49 -0.08 -1.23	43.52 0.30 0.00	51.97 0.57 0.00	53.31 0.37 0.00	52.19 0.37 0.00	48.84 0.29 0.00	46.83 0.42 0.00	44.55 0.13 0.00	38.28 0.00 -1.10	34.82 0.03 -1.33	35.71 0.00 -1.26	59.62 -0.60 0.00	63.82 -0.06 0.00	49.34 -0.15 -0.60	35.77 0.27 -2.01	34.10 0.16 -2.49	28.54 0.43 -2.82	24.67 0.27 -2.32	19.57 0.08 -2.64
ROSETON___1 23587	36.87 1.66 -13.93	36.87 1.69 -12.73	35.44 1.70 -11.14	34.62 1.65 -10.97	35.63 1.59 -12.81	39.23 2.08 -9.81	46.89 3.67 0.00	55.87 4.47 0.00	57.49 4.55 0.00	56.28 4.46 0.00	52.91 4.37 0.00	50.59 4.18 0.00	48.46 4.04 0.00	49.41 3.49 -8.75	47.19 3.21 -10.52	47.71 3.27 -9.99	64.80 4.57 0.00	68.68 4.79 0.00	58.16 4.40 -4.87	53.08 3.08 -16.51	54.48 2.64 -20.38	50.60 2.18 -23.13	42.92 1.79 -19.05	39.85 1.35 -21.66



ROSETON___2 23588	36.87 1.66 -13.93	36.87 1.69 -12.73	35.44 1.70 -11.14	34.62 1.65 -10.97	35.63 1.59 -12.81	39.23 2.08 -9.81	46.89 3.67 0.00	55.87 4.47 0.00	57.49 4.55 0.00	56.28 4.46 0.00	52.91 4.37 0.00	50.59 4.18 0.00	48.46 4.04 0.00	49.41 3.49 -8.75	47.19 3.21 -10.52	47.71 3.27 -9.99	64.80 4.57 0.00	68.68 4.79 0.00	58.16 4.40 -4.87	53.08 3.08 -16.51	54.48 2.64 -20.38	50.60 2.18 -23.13	42.92 1.79 -19.05	39.85 1.35 -21.66
RUSSELL___1 23602	23.24 0.21 -1.75	24.23 0.18 -1.60	24.13 0.14 -1.40	23.51 0.13 -1.38	22.98 0.15 -1.61	28.69 0.11 -1.23	43.87 0.65 0.00	52.43 1.03 0.00	53.73 0.80 0.00	52.65 0.83 0.00	49.22 0.68 0.00	47.25 0.84 0.00	44.95 0.53 0.00	38.61 0.33 -1.10	35.09 0.30 -1.33	35.98 0.27 -1.26	60.16 -0.06 0.00	64.39 0.51 0.00	49.78 0.30 -0.60	36.04 0.53 -2.01	34.39 0.44 -2.49	28.75 0.63 -2.82	24.85 0.44 -2.33	19.70 0.22 -2.64
RUSSELL___2 23532	23.24 0.21 -1.75	24.23 0.18 -1.60	24.13 0.14 -1.40	23.51 0.13 -1.38	22.98 0.15 -1.61	28.69 0.11 -1.23	43.87 0.65 0.00	52.43 1.03 0.00	53.73 0.80 0.00	52.65 0.83 0.00	49.22 0.68 0.00	47.25 0.84 0.00	44.95 0.53 0.00	38.61 0.33 -1.10	35.09 0.30 -1.33	35.98 0.27 -1.26	60.16 -0.06 0.00	64.39 0.51 0.00	49.78 0.30 -0.60	36.04 0.53 -2.01	34.39 0.44 -2.49	28.75 0.63 -2.82	24.85 0.44 -2.33	19.70 0.22 -2.64
RUSSELL___3 23549	23.24 0.21 -1.75	24.23 0.18 -1.60	24.13 0.14 -1.40	23.51 0.13 -1.38	22.98 0.15 -1.61	28.69 0.11 -1.23	43.87 0.65 0.00	52.43 1.03 0.00	53.73 0.80 0.00	52.65 0.83 0.00	49.22 0.68 0.00	47.25 0.84 0.00	44.95 0.53 0.00	38.61 0.33 -1.10	35.09 0.30 -1.33	35.98 0.27 -1.26	60.16 -0.06 0.00	64.39 0.51 0.00	49.78 0.30 -0.60	36.04 0.53 -2.01	34.39 0.44 -2.49	28.75 0.63 -2.82	24.85 0.44 -2.33	19.70 0.22 -2.64
RUSSELL___4 23556	23.24 0.21 -1.75	24.23 0.18 -1.60	24.13 0.14 -1.40	23.51 0.13 -1.38	22.98 0.15 -1.61	28.69 0.11 -1.23	43.87 0.65 0.00	52.43 1.03 0.00	53.73 0.80 0.00	52.65 0.83 0.00	49.22 0.68 0.00	47.25 0.84 0.00	44.95 0.53 0.00	38.61 0.33 -1.10	35.09 0.30 -1.33	35.98 0.27 -1.26	60.16 -0.06 0.00	64.39 0.51 0.00	49.78 0.30 -0.60	36.04 0.53 -2.01	34.39 0.44 -2.49	28.75 0.63 -2.82	24.85 0.44 -2.33	19.70 0.22 -2.64
RUSSELL___STATION 23914	23.24 0.21 -1.75	24.23 0.18 -1.60	24.13 0.14 -1.40	23.51 0.13 -1.38	22.98 0.15 -1.61	28.69 0.11 -1.23	43.87 0.65 0.00	52.43 1.03 0.00	53.73 0.80 0.00	52.65 0.83 0.00	49.22 0.68 0.00	47.25 0.84 0.00	44.95 0.53 0.00	38.61 0.33 -1.10	35.09 0.30 -1.33	35.98 0.27 -1.26	60.16 -0.06 0.00	64.39 0.51 0.00	49.78 0.30 -0.60	36.04 0.53 -2.01	34.39 0.44 -2.49	28.75 0.63 -2.82	24.85 0.44 -2.33	19.70 0.22 -2.64
S SALMON___HYD 24043	22.12 -0.15 -0.99	23.21 -0.16 -0.90	23.21 -0.18 -0.79	22.60 -0.18 -0.78	21.96 -0.17 -0.91	27.91 -0.14 -0.70	43.00 -0.22 0.00	50.94 -0.46 0.00	52.57 -0.37 0.00	51.57 -0.26 0.00	48.11 -0.44 0.00	45.95 -0.46 0.00	44.06 -0.36 0.00	37.36 -0.44 -0.63	33.82 -0.40 -0.75	34.61 -0.55 -0.72	59.20 -1.02 0.00	62.80 -1.09 0.00	48.35 -0.88 -0.34	34.09 -0.54 -1.14	32.52 -0.35 -1.41	26.64 -0.25 -1.60	23.22 -0.18 -1.32	18.14 -0.20 -1.50
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.72 0.02 -2.42	24.60 -0.07 -2.21	24.40 -0.13 -1.94	23.71 -0.20 -1.91	23.34 -0.11 -2.23	28.64 -0.41 -1.70	43.44 0.22 0.00	51.50 0.10 0.00	52.99 0.05 0.00	51.93 0.10 0.00	48.69 0.15 0.00	46.60 0.19 0.00	44.28 -0.13 0.00	38.52 -0.18 -1.53	35.30 0.00 -1.84	36.06 -0.14 -1.75	58.12 -2.11 0.00	62.22 -1.66 0.00	48.93 -0.78 -0.83	36.59 0.30 -2.80	34.82 -0.09 -3.46	29.72 0.51 -3.92	25.60 0.29 -3.23	20.38 -0.14 -3.67
SELKIRK___I 23801	40.56 1.38 -17.90	40.27 1.46 -16.35	38.38 1.47 -14.32	37.52 1.43 -14.09	39.08 1.40 -16.46	41.72 1.78 -12.60	45.64 2.42 0.00	54.23 2.83 0.00	55.79 2.86 0.00	54.67 2.85 0.00	51.26 2.72 0.00	48.96 2.55 0.00	46.99 2.58 0.00	50.82 2.23 -11.42	49.24 2.04 -13.73	49.55 2.07 -13.04	63.23 3.01 0.00	66.82 2.94 0.00	57.83 2.79 -6.16	56.15 2.04 -20.62	58.70 1.79 -25.45	55.72 1.54 -28.88	47.24 1.37 -23.79	44.87 0.98 -27.05
SELKIRK___II 23799	40.57 1.38 -17.91	40.28 1.46 -16.36	38.40 1.47 -14.33	37.53 1.43 -14.11	39.09 1.40 -16.47	41.73 1.78 -12.61	45.64 2.42 0.00	54.18 2.77 0.00	55.79 2.86 0.00	54.67 2.85 0.00	51.26 2.72 0.00	48.96 2.55 0.00	46.99 2.58 0.00	50.84 2.23 -11.44	49.26 2.04 -13.75	49.54 2.03 -13.06	63.18 2.95 0.00	66.82 2.94 0.00	57.79 2.74 -6.17	56.16 2.04 -20.63	58.72 1.79 -25.47	55.72 1.52 -28.90	47.26 1.37 -23.81	44.87 0.96 -27.07
SENECA OSWGO___HYD 24041	22.37 -0.08 -1.18	23.42 -0.11 -1.08	23.43 -0.11 -0.94	22.82 -0.11 -0.93	22.20 -0.11 -1.08	28.04 -0.14 -0.83	42.83 -0.39 0.00	50.84 -0.56 0.00	52.36 -0.58 0.00	51.26 -0.57 0.00	47.96 -0.58 0.00	45.85 -0.55 0.00	43.84 -0.58 0.00	37.40 -0.52 -0.75	33.89 -0.47 -0.90	34.79 -0.52 -0.85	59.14 -1.08 0.00	62.86 -1.02 0.00	48.51 -0.78 -0.40	34.51 -0.33 -1.36	32.95 -0.19 -1.68	27.12 -0.08 -1.90	23.60 -0.04 -1.57	18.54 -0.08 -1.78
SENECA___ENERGY 23797	23.26 0.11 -1.88	24.24 0.07 -1.71	24.17 0.07 -1.50	23.54 0.07 -1.48	23.06 0.11 -1.73	28.83 0.17 -1.32	43.69 0.48 0.00	52.02 0.62 0.00	53.47 0.53 0.00	52.29 0.47 0.00	48.98 0.44 0.00	46.83 0.42 0.00	44.68 0.27 0.00	38.47 0.11 -1.19	35.02 0.13 -1.43	35.84 0.03 -1.35	59.81 -0.42 0.00	63.76 -0.13 0.00	49.48 -0.05 -0.64	35.95 0.30 -2.16	34.38 0.25 -2.67	28.68 0.35 -3.03	24.80 0.22 -2.50	19.75 0.07 -2.84
SHOEMAKER___GT 23640	35.52 1.43 -12.81	35.58 1.42 -11.71	34.30 1.45 -10.25	33.52 1.43 -10.09	34.39 1.38 -11.78	38.14 1.78 -9.02	46.33 3.11 0.00	55.05 3.65 0.00	56.70 3.76 0.00	55.45 3.63 0.00	52.14 3.59 0.00	49.84 3.43 0.00	47.75 3.33 0.00	48.15 2.94 -8.05	45.85 2.71 -9.67	46.39 2.76 -9.19	63.96 3.74 0.00	67.85 3.96 0.00	57.09 3.76 -4.44	51.17 2.61 -15.06	52.26 2.20 -18.60	48.24 1.85 -21.10	40.99 1.52 -17.39	37.76 1.15 -19.77
SHOREHAM_IC_1 23715	57.68 2.81 -33.59	52.69 2.85 -27.38	46.83 2.87 -21.36	45.41 2.77 -20.64	45.70 2.67 -21.81	56.44 3.53 -25.56	70.79 6.10 -21.48	74.89 7.56 -15.93	74.31 7.62 -13.74	74.15 7.41 -14.92	67.46 6.99 -11.93	62.84 6.64 -9.79	60.09 6.30 -9.37	58.86 5.43 -16.26	58.79 4.95 -20.37	59.54 5.13 -19.96	71.78 7.95 -3.60	80.74 8.43 -8.43	74.70 7.29 -18.53	68.75 5.15 -30.11	63.74 4.56 -27.72	62.54 3.57 -33.67	56.81 3.03 -31.70	55.09 2.39 -35.85
SHOREHAM_IC_2 23716	57.68 2.81 -33.59	52.69 2.85 -27.38	46.83 2.87 -21.36	45.41 2.77 -20.64	45.70 2.67 -21.81	56.44 3.53 -25.56	70.79 6.10 -21.48	74.89 7.56 -15.93	74.31 7.62 -13.74	74.15 7.41 -14.92	67.46 6.99 -11.93	62.84 6.64 -9.79	60.09 6.30 -9.37	58.86 5.43 -16.26	58.79 4.95 -20.37	59.54 5.13 -19.96	71.78 7.95 -3.60	80.74 8.43 -8.43	74.70 7.29 -18.53	68.75 5.15 -30.11	63.74 4.56 -27.72	62.54 3.57 -33.67	56.81 3.03 -31.70	55.09 2.39 -35.85



SISSONVILLE____ 23735	19.55 -1.72 0.00	20.68 -1.77 0.00	20.81 -1.79 0.00	20.24 -1.76 0.00	19.46 -1.76 0.00	25.19 -2.16 0.00	40.15 -3.07 0.00	47.90 -3.50 0.00	49.76 -3.17 0.00	48.61 -3.21 0.00	45.14 -3.40 0.00	43.16 -3.25 0.00	41.35 -3.06 0.00	34.42 -2.75 0.00	30.85 -2.61 0.00	31.76 -2.69 0.00	57.09 -3.13 0.00	60.63 -3.26 0.00	45.76 -3.13 0.00	30.57 -2.91 0.00	28.69 -2.77 0.00	22.71 -2.58 0.00	19.85 -2.23 0.00	15.46 -1.38 0.00
SITHE_IND_GS1 24169	21.85 -0.36 -0.93	22.90 -0.40 -0.85	22.94 -0.41 -0.74	22.34 -0.40 -0.73	21.72 -0.36 -0.86	27.51 -0.49 -0.65	42.18 -1.04 0.00	50.02 -1.39 0.00	51.51 -1.43 0.00	50.43 -1.40 0.00	47.18 -1.36 0.00	45.11 -1.30 0.00	43.13 -1.29 0.00	36.68 -1.08 -0.59	33.23 -0.94 -0.71	34.09 -1.03 -0.67	58.24 -1.99 0.00	61.84 -2.05 0.00	47.69 -1.52 -0.32	33.72 -0.84 -1.07	32.18 -0.60 -1.32	26.39 -0.41 -1.50	22.99 -0.33 -1.24	17.95 -0.30 -1.41
SITHE_IND_GS2 24170	21.85 -0.36 -0.93	22.90 -0.40 -0.85	22.94 -0.41 -0.74	22.34 -0.40 -0.73	21.72 -0.36 -0.86	27.51 -0.49 -0.65	42.18 -1.04 0.00	50.02 -1.39 0.00	51.51 -1.43 0.00	50.43 -1.40 0.00	47.18 -1.36 0.00	45.11 -1.30 0.00	43.13 -1.29 0.00	36.68 -1.08 -0.59	33.23 -0.94 -0.71	34.09 -1.03 -0.67	58.24 -1.99 0.00	61.84 -2.05 0.00	47.69 -1.52 -0.32	33.72 -0.84 -1.07	32.18 -0.60 -1.32	26.39 -0.41 -1.50	22.99 -0.33 -1.24	17.95 -0.30 -1.41
SITHE_IND_GS3 24171	21.85 -0.36 -0.93	22.90 -0.40 -0.85	22.94 -0.41 -0.74	22.34 -0.40 -0.73	21.72 -0.36 -0.86	27.51 -0.49 -0.65	42.18 -1.04 0.00	50.02 -1.39 0.00	51.51 -1.43 0.00	50.43 -1.40 0.00	47.18 -1.36 0.00	45.11 -1.30 0.00	43.13 -1.29 0.00	36.68 -1.08 -0.59	33.23 -0.94 -0.71	34.09 -1.03 -0.67	58.24 -1.99 0.00	61.84 -2.05 0.00	47.69 -1.52 -0.32	33.72 -0.84 -1.07	32.18 -0.60 -1.32	26.39 -0.41 -1.50	22.99 -0.33 -1.24	17.95 -0.30 -1.41
SITHE_IND_GS4 24172	21.85 -0.36 -0.93	22.90 -0.40 -0.85	22.94 -0.41 -0.74	22.34 -0.40 -0.73	21.72 -0.36 -0.86	27.51 -0.49 -0.65	42.18 -1.04 0.00	50.02 -1.39 0.00	51.51 -1.43 0.00	50.43 -1.40 0.00	47.18 -1.36 0.00	45.11 -1.30 0.00	43.13 -1.29 0.00	36.68 -1.08 -0.59	33.23 -0.94 -0.71	34.09 -1.03 -0.67	58.24 -1.99 0.00	61.84 -2.05 0.00	47.69 -1.52 -0.32	33.72 -0.84 -1.07	32.18 -0.60 -1.32	26.39 -0.41 -1.50	22.99 -0.33 -1.24	17.95 -0.30 -1.41
SITHE____BATAVIA 24024	23.40 0.04 -2.08	24.31 -0.04 -1.90	24.17 -0.09 -1.66	23.53 -0.11 -1.64	23.07 -0.06 -1.91	28.54 -0.27 -1.46	43.61 0.39 0.00	52.12 0.72 0.00	53.47 0.53 0.00	52.34 0.52 0.00	49.03 0.49 0.00	47.01 0.60 0.00	44.59 0.18 0.00	38.49 0.00 -1.32	35.15 0.10 -1.58	35.95 0.00 -1.50	58.96 -1.27 0.00	63.25 -0.64 0.00	49.26 -0.34 -0.71	36.29 0.40 -2.40	34.55 0.13 -2.96	29.24 0.58 -3.36	25.21 0.35 -2.77	19.99 0.00 -3.15
SITHE____INDEPEND 23800	21.85 -0.36 -0.93	22.90 -0.40 -0.85	22.94 -0.41 -0.74	22.34 -0.40 -0.73	21.72 -0.36 -0.86	27.51 -0.49 -0.65	42.18 -1.04 0.00	50.02 -1.39 0.00	51.51 -1.43 0.00	50.43 -1.40 0.00	47.18 -1.36 0.00	45.11 -1.30 0.00	43.13 -1.29 0.00	36.68 -1.08 -0.59	33.23 -0.94 -0.71	34.09 -1.03 -0.67	58.24 -1.99 0.00	61.84 -2.05 0.00	47.69 -1.52 -0.32	33.72 -0.84 -1.07	32.18 -0.60 -1.32	26.39 -0.41 -1.50	22.99 -0.33 -1.24	17.95 -0.30 -1.41
SITHE____MASSENA 23902	20.07 -1.21 0.00	21.22 -1.24 0.00	21.36 -1.24 0.00	20.77 -1.23 0.00	19.99 -1.23 0.00	25.82 -1.53 0.00	40.93 -2.29 0.00	48.83 -2.57 0.00	50.50 -2.43 0.00	49.29 -2.54 0.00	46.02 -2.53 0.00	43.99 -2.42 0.00	42.10 -2.31 0.00	35.24 -1.93 0.00	31.62 -1.84 0.00	32.59 -1.86 0.00	58.24 -1.99 0.00	61.78 -2.11 0.00	46.79 -2.10 0.00	31.44 -2.04 0.00	29.57 -1.89 0.00	23.50 -1.80 0.00	20.54 -1.55 0.00	15.93 -0.91 0.00
SITHE____OGDNSBRG 24021	19.94 -1.34 0.00	21.09 -1.37 0.00	21.20 -1.40 0.00	20.64 -1.36 0.00	19.84 -1.38 0.00	25.68 -1.67 0.00	40.97 -2.25 0.00	48.94 -2.47 0.00	50.76 -2.17 0.00	49.60 -2.23 0.00	46.07 -2.47 0.00	44.04 -2.37 0.00	42.20 -2.22 0.00	35.13 -2.04 0.00	31.49 -1.97 0.00	32.42 -2.03 0.00	58.30 -1.93 0.00	61.90 -1.98 0.00	46.69 -2.20 0.00	31.21 -2.28 0.00	29.29 -2.17 0.00	23.19 -2.10 0.00	20.27 -1.81 0.00	15.76 -1.08 0.00
SITHE____STERLING 23777	22.15 0.87 0.00	23.36 0.90 0.00	23.48 0.88 0.00	22.88 0.88 0.00	22.05 0.83 0.00	28.55 1.20 0.00	45.55 2.33 0.00	54.02 2.62 0.00	55.95 3.02 0.00	55.04 3.21 0.00	51.21 2.67 0.00	48.87 2.46 0.00	46.77 2.35 0.00	38.81 1.63 0.00	34.93 1.47 0.00	35.83 1.38 0.00	62.45 2.23 0.00	66.37 2.49 0.00	50.70 1.81 0.00	34.76 1.27 0.00	32.66 1.20 0.00	26.28 0.99 0.00	22.90 0.82 0.00	17.38 0.54 0.00
SOUTH CAIRO____GT 23612	38.54 2.06 -15.20	38.39 2.04 -13.88	36.81 2.06 -12.16	35.95 1.98 -11.97	37.30 2.10 -13.98	40.73 2.68 -10.70	47.28 4.06 0.00	55.72 4.32 0.00	57.49 4.55 0.00	55.97 4.15 0.00	52.91 4.37 0.00	50.54 4.13 0.00	48.32 3.91 0.00	50.24 3.57 -9.50	48.23 3.35 -11.42	48.64 3.34 -10.85	64.62 4.39 0.00	68.87 4.99 0.00	58.91 4.74 -5.28	54.63 3.18 -17.96	56.21 2.58 -22.17	52.70 2.25 -25.16	44.73 1.92 -20.73	41.77 1.36 -23.56
SOUTH HAMPTN____IC 23720	58.42 3.57 -33.57	53.43 3.64 -27.33	47.59 3.64 -21.35	46.18 3.54 -20.64	46.42 3.39 -21.80	57.32 4.43 -25.54	72.45 7.78 -21.45	77.05 9.77 -15.88	76.60 9.95 -13.72	76.36 9.64 -14.89	69.41 8.98 -11.89	64.68 8.49 -9.77	61.78 7.99 -9.37	60.34 6.91 -16.26	60.09 6.26 -20.37	60.88 6.47 -19.96	74.36 10.54 -3.60	83.56 11.25 -8.43	76.95 9.53 -18.53	70.30 6.70 -30.11	65.09 5.91 -27.72	63.62 4.65 -33.67	57.65 3.86 -31.70	55.66 2.97 -35.85
SOUTHOLD____IC 23719	58.83 3.98 -33.57	53.86 4.07 -27.33	48.02 4.07 -21.35	46.58 3.94 -20.64	46.80 3.78 -21.80	57.78 4.89 -25.54	73.27 8.60 -21.45	78.08 10.80 -15.88	77.67 11.01 -13.72	77.39 10.67 -14.90	70.43 10.00 -11.89	65.70 9.51 -9.77	62.71 8.93 -9.37	61.09 7.66 -16.26	60.76 6.93 -20.37	61.57 7.17 -19.96	75.63 11.81 -3.60	85.09 12.78 -8.43	78.02 10.61 -18.53	71.04 7.44 -30.11	65.79 6.61 -27.72	64.15 5.18 -33.67	58.07 4.28 -31.70	55.98 3.28 -35.85
ST LAWRENCE____ 23600	20.11 -1.17 0.00	21.27 -1.19 0.00	21.40 -1.20 0.00	20.81 -1.19 0.00	20.06 -1.17 0.00	25.87 -1.48 0.00	40.93 -2.29 0.00	48.83 -2.57 0.00	50.40 -2.54 0.00	49.24 -2.59 0.00	46.02 -2.53 0.00	43.99 -2.42 0.00	42.10 -2.31 0.00	35.28 -1.89 0.00	31.69 -1.77 0.00	32.69 -1.76 0.00	58.06 -2.17 0.00	61.65 -2.24 0.00	46.69 -2.20 0.00	31.58 -1.91 0.00	29.67 -1.79 0.00	23.65 -1.64 0.00	20.69 -1.39 0.00	15.93 -0.91 0.00
STATION 5_MISC_HYD 23604	23.09 0.06 -1.75	24.08 0.02 -1.59	23.97 -0.02 -1.40	23.35 -0.02 -1.37	22.83 0.00 -1.60	28.49 -0.08 -1.23	43.52 0.30 0.00	51.97 0.57 0.00	53.31 0.37 0.00	52.19 0.37 0.00	48.84 0.29 0.00	46.83 0.42 0.00	44.55 0.13 0.00	38.28 0.00 -1.10	34.82 0.03 -1.33	35.71 0.00 -1.26	59.62 -0.60 0.00	63.82 -0.06 0.00	49.34 -0.15 -0.60	35.77 0.27 -2.01	34.10 0.16 -2.49	28.54 0.43 -2.82	24.67 0.27 -2.32	19.57 0.08 -2.64



STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.27 0.23 -1.76	24.26 0.20 -1.60	24.21 0.20 -1.40	23.58 0.20 -1.38	23.05 0.21 -1.61	28.83 0.25 -1.24	43.95 0.73 0.00	52.48 1.08 0.00	53.84 0.90 0.00	52.65 0.83 0.00	49.27 0.73 0.00	47.20 0.79 0.00	44.95 0.53 0.00	38.62 0.33 -1.11	35.13 0.33 -1.33	35.99 0.27 -1.27	60.22 0.00 0.00	64.39 0.51 0.00	49.78 0.30 -0.60	36.05 0.53 -2.02	34.40 0.44 -2.50	28.71 0.58 -2.84	24.82 0.40 -2.34	19.70 0.20 -2.66
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.90 -0.11 -1.73	23.88 -0.16 -1.58	23.80 -0.18 -1.38	23.18 -0.18 -1.36	22.67 -0.15 -1.59	28.29 -0.27 -1.22	43.18 -0.04 0.00	51.56 0.15 0.00	52.88 -0.05 0.00	51.82 0.00 0.00	48.49 -0.05 0.00	46.50 0.09 0.00	44.24 -0.18 0.00	38.04 -0.22 -1.09	34.58 -0.20 -1.31	35.46 -0.24 -1.25	59.26 -0.97 0.00	63.37 -0.51 0.00	49.04 -0.44 -0.59	35.52 0.03 -1.99	33.89 -0.03 -2.46	28.31 0.23 -2.79	24.47 0.09 -2.30	19.41 -0.05 -2.62
STEEL___WIND 323596	24.09 0.34 -2.47	25.01 0.29 -2.26	24.78 0.20 -1.98	24.08 0.13 -1.95	23.73 0.23 -2.27	29.12 0.03 -1.74	44.17 0.95 0.00	52.33 0.93 0.00	53.89 0.95 0.00	52.76 0.93 0.00	49.56 1.02 0.00	47.43 1.02 0.00	45.08 0.67 0.00	39.18 0.45 -1.56	35.95 0.60 -1.88	36.68 0.45 -1.78	59.02 -1.20 0.00	63.25 -0.64 0.00	49.69 -0.05 -0.85	37.22 0.87 -2.86	35.37 0.38 -3.53	30.19 0.88 -4.01	26.00 0.62 -3.30	20.72 0.12 -3.76
STEBEN_REC_LFGE 323667	25.74 1.28 -3.18	26.65 1.28 -2.91	26.41 1.26 -2.55	25.69 1.19 -2.51	25.38 1.23 -2.93	31.09 1.50 -2.24	46.37 3.15 0.00	54.95 3.54 0.00	56.38 3.44 0.00	55.04 3.21 0.00	51.46 2.91 0.00	49.01 2.60 0.00	46.46 2.04 0.00	40.75 1.56 -2.01	37.36 1.47 -2.42	38.02 1.28 -2.30	60.95 0.73 0.00	65.29 1.40 0.00	51.24 1.27 -1.09	38.70 1.54 -3.67	37.09 1.10 -4.53	31.73 1.29 -5.14	27.31 0.99 -4.24	22.23 0.57 -4.82
STONY___BROOK 24151	57.74 2.79 -33.67	52.84 2.83 -27.55	46.85 2.85 -21.41	45.36 2.75 -20.61	45.71 2.65 -21.83	56.44 3.47 -25.62	70.88 6.10 -21.57	74.99 7.50 -16.08	74.40 7.62 -13.84	74.23 7.41 -14.99	67.55 6.94 -12.07	62.91 6.64 -9.86	60.09 6.30 -9.38	58.86 5.43 -16.26	58.79 4.95 -20.37	59.54 5.13 -19.96	71.60 7.77 -3.60	80.49 8.18 -8.43	74.55 7.14 -18.53	68.69 5.09 -30.11	63.68 4.50 -27.72	62.56 3.59 -33.67	56.85 3.07 -31.70	55.07 2.38 -35.85
STURGEON_POOL_HYD 23609	37.12 1.68 -14.16	37.06 1.66 -12.94	35.63 1.70 -11.33	34.80 1.65 -11.15	35.86 1.61 -13.02	39.42 2.11 -9.97	46.94 3.72 0.00	55.82 4.42 0.00	57.43 4.50 0.00	56.12 4.30 0.00	52.91 4.37 0.00	50.54 4.13 0.00	48.41 4.00 0.00	49.52 3.53 -8.82	47.31 3.25 -10.60	47.86 3.34 -10.07	64.38 4.15 0.00	68.29 4.40 0.00	58.04 4.20 -4.95	53.29 2.91 -16.89	54.73 2.42 -20.85	50.98 2.02 -23.66	43.25 1.68 -19.49	40.27 1.26 -22.16
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.90 1.53 -13.09	35.94 1.53 -11.96	34.63 1.56 -10.47	33.82 1.52 -10.31	34.74 1.49 -12.03	38.47 1.91 -9.21	46.63 3.41 0.00	55.52 4.11 0.00	57.12 4.18 0.00	55.87 4.04 0.00	52.52 3.98 0.00	50.22 3.81 0.00	48.15 3.73 0.00	48.62 3.23 -8.22	46.32 2.98 -9.88	46.86 3.03 -9.38	64.44 4.21 0.00	68.35 4.47 0.00	57.58 4.15 -4.53	51.78 2.91 -15.38	52.93 2.48 -18.99	48.89 2.05 -21.55	41.51 1.68 -17.75	38.29 1.26 -20.18
SYNERGY___BIOGAS 323694	23.40 0.04 -2.08	24.31 -0.04 -1.90	24.17 -0.09 -1.66	23.53 -0.11 -1.64	23.07 -0.06 -1.91	28.54 -0.27 -1.46	43.61 0.39 0.00	52.12 0.72 0.00	53.47 0.53 0.00	52.34 0.52 0.00	49.03 0.49 0.00	47.01 0.60 0.00	44.59 0.18 0.00	38.49 0.00 -1.32	35.15 0.10 -1.58	35.95 0.00 -1.50	58.96 -1.27 0.00	63.25 -0.64 0.00	49.26 -0.34 -0.71	36.29 0.40 -2.40	34.55 0.13 -2.96	29.24 0.58 -3.36	25.21 0.35 -2.77	19.99 0.00 -3.15
SYRACUSE___ENERGY_ST1 323597	22.94 0.17 -1.50	24.00 0.18 -1.37	23.96 0.16 -1.20	23.33 0.16 -1.18	22.77 0.17 -1.38	28.65 0.25 -1.05	43.52 0.30 0.00	51.71 0.31 0.00	53.15 0.21 0.00	52.03 0.21 0.00	48.74 0.19 0.00	46.55 0.14 0.00	44.50 0.09 0.00	38.16 0.04 -0.95	34.63 0.03 -1.14	35.53 0.00 -1.08	59.93 -0.30 0.00	63.76 -0.13 0.00	49.35 -0.05 -0.51	35.38 0.17 -1.72	33.84 0.25 -2.13	27.99 0.28 -2.41	24.31 0.24 -1.99	19.22 0.12 -2.26
SYRACUSE___ENERGY_ST2 323598	22.94 0.17 -1.50	24.00 0.18 -1.37	23.96 0.16 -1.20	23.33 0.16 -1.18	22.77 0.17 -1.38	28.65 0.25 -1.05	43.52 0.30 0.00	51.71 0.31 0.00	53.15 0.21 0.00	52.03 0.21 0.00	48.74 0.19 0.00	46.55 0.14 0.00	44.50 0.09 0.00	38.16 0.04 -0.95	34.63 0.03 -1.14	35.53 0.00 -1.08	59.93 -0.30 0.00	63.76 -0.13 0.00	49.35 -0.05 -0.51	35.38 0.17 -1.72	33.84 0.25 -2.13	27.99 0.28 -2.41	24.31 0.24 -1.99	19.22 0.12 -2.26
SYRACUSE___POWER 24017	23.07 0.23 -1.56	24.13 0.25 -1.42	24.07 0.23 -1.25	23.45 0.22 -1.23	22.89 0.23 -1.43	28.77 0.33 -1.10	43.69 0.48 0.00	51.92 0.51 0.00	53.41 0.48 0.00	52.29 0.47 0.00	48.93 0.39 0.00	46.78 0.37 0.00	44.73 0.31 0.00	38.38 0.22 -0.99	34.85 0.20 -1.19	35.75 0.17 -1.13	60.22 0.00 0.00	64.01 0.13 0.00	49.62 0.20 -0.53	35.62 0.33 -1.80	34.06 0.38 -2.22	28.19 0.38 -2.52	24.46 0.31 -2.07	19.37 0.17 -2.36
TRIGEN___CC 323695	70.36 2.25 -46.83	80.17 2.29 -55.41	53.14 2.31 -28.23	41.20 2.25 -16.96	49.73 2.14 -26.36	66.33 2.82 -36.17	84.17 4.97 -35.98	99.66 6.06 -42.20	88.56 6.14 -29.49	85.24 6.01 -27.41	89.15 5.77 -34.83	72.82 5.47 -20.94	59.77 5.28 -10.07	57.96 4.53 -16.26	57.98 4.15 -20.37	58.68 4.27 -19.96	70.15 6.32 -3.60	78.95 6.64 -8.43	73.33 5.91 -18.53	67.72 4.12 -30.11	62.76 3.59 -27.72	61.88 2.91 -33.67	56.28 2.49 -31.70	54.60 1.90 -35.85
UNION___PROCESSING_DRP 323587	23.01 -0.02 -1.76	24.00 -0.07 -1.61	23.92 -0.09 -1.41	23.30 -0.09 -1.38	22.78 -0.06 -1.62	28.39 -0.19 -1.24	43.35 0.13 0.00	51.76 0.36 0.00	53.10 0.16 0.00	51.98 0.16 0.00	48.64 0.10 0.00	46.64 0.23 0.00	44.37 -0.04 0.00	38.14 -0.15 -1.11	34.70 -0.10 -1.34	35.58 -0.14 -1.27	59.38 -0.84 0.00	63.50 -0.38 0.00	49.15 -0.34 -0.60	35.65 0.13 -2.03	34.03 0.06 -2.50	28.46 0.33 -2.84	24.60 0.18 -2.34	19.52 0.02 -2.66
UPPER HUDSON___HYD 24058	42.41 1.75 -19.39	41.99 1.82 -17.72	39.92 1.81 -15.51	39.03 1.76 -15.27	40.75 1.70 -17.83	43.26 2.27 -13.65	47.24 4.02 0.00	56.23 4.83 0.00	58.07 5.13 0.00	56.91 5.08 0.00	53.40 4.85 0.00	51.05 4.64 0.00	48.86 4.44 0.00	53.32 3.75 -12.40	51.71 3.35 -14.90	51.94 3.34 -14.15	65.65 5.42 0.00	69.64 5.75 0.00	60.35 4.79 -6.67	59.02 3.25 -22.28	61.92 2.96 -27.51	58.89 2.38 -31.22	49.70 1.90 -25.72	47.33 1.25 -29.24
UPPER RAQUET___HYD 24056	19.55 -1.72 0.00	20.68 -1.77 0.00	20.81 -1.79 0.00	20.24 -1.76 0.00	19.46 -1.76 0.00	25.19 -2.16 0.00	40.15 -3.07 0.00	47.90 -3.50 0.00	49.76 -3.17 0.00	48.61 -3.21 0.00	45.14 -3.40 0.00	43.16 -3.25 0.00	41.35 -3.06 0.00	34.42 -2.75 0.00	30.85 -2.61 0.00	31.76 -2.69 0.00	57.09 -3.13 0.00	60.63 -3.26 0.00	45.76 -3.13 0.00	30.57 -2.91 0.00	28.69 -2.77 0.00	22.71 -2.58 0.00	19.85 -2.23 0.00	15.46 -1.38 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.01 1.57 -6.16	29.77 1.69 -5.63	29.20 1.67 -4.93	28.50 1.65 -4.85	28.46 1.57 -5.67	33.63 1.94 -4.34	46.76 3.54 0.00	55.52 4.11 0.00	57.49 4.55 0.00	56.54 4.72 0.00	52.62 4.08 0.00	50.22 3.81 0.00	48.15 3.73 0.00	43.94 2.86 -3.90	40.77 2.61 -4.69	41.49 2.59 -4.45	64.32 4.10 0.00	68.10 4.22 0.00	54.42 3.42 -2.11	43.00 2.41 -7.10	42.36 2.14 -8.76	37.01 1.77 -9.94	31.80 1.52 -8.19	27.24 1.08 -9.31
VISCHER___FERRY HYD 24020	42.09 1.68 -19.13	41.69 1.75 -17.48	39.67 1.76 -15.30	38.78 1.72 -15.07	40.47 1.66 -17.59	42.97 2.16 -13.47	46.68 3.46 0.00	55.56 4.16 0.00	57.28 4.34 0.00	56.08 4.25 0.00	52.62 4.08 0.00	50.31 3.90 0.00	48.19 3.77 0.00	52.67 3.23 -12.26	51.11 2.91 -14.74	51.37 2.93 -14.00	64.80 4.57 0.00	68.68 4.79 0.00	59.59 4.11 -6.59	58.31 2.84 -21.98	61.18 2.58 -27.14	58.19 2.10 -30.79	49.22 1.77 -25.37	46.91 1.23 -28.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.50 1.70 -13.52	36.52 1.71 -12.35	35.13 1.72 -10.82	34.32 1.67 -10.65	35.27 1.61 -12.43	39.00 2.13 -9.52	46.98 3.76 0.00	55.97 4.57 0.00	57.60 4.66 0.00	56.33 4.51 0.00	53.01 4.46 0.00	50.68 4.27 0.00	48.59 4.17 0.00	49.31 3.65 -8.49	47.02 3.35 -10.21	47.56 3.41 -9.69	65.04 4.82 0.00	69.00 5.11 0.00	58.26 4.69 -4.68	52.68 3.32 -15.87	53.85 2.80 -19.59	49.83 2.30 -22.24	42.30 1.90 -18.32	39.10 1.43 -20.83
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.24 1.98 -13.99	37.19 1.95 -12.78	35.75 1.97 -11.19	34.93 1.91 -11.01	35.91 1.83 -12.86	39.63 2.43 -9.84	47.63 4.41 0.00	56.90 5.50 0.00	58.55 5.61 0.00	57.37 5.55 0.00	53.88 5.34 0.00	51.51 5.11 0.00	49.39 4.97 0.00	50.23 4.27 -8.79	47.91 3.88 -10.57	48.51 4.03 -10.03	66.13 5.91 0.00	70.08 6.19 0.00	59.29 5.57 -4.83	53.72 3.85 -16.39	54.99 3.30 -20.23	50.93 2.68 -22.96	43.25 2.25 -18.91	40.06 1.72 -21.50
WADING RIVER_IC_1 23522	57.69 2.85 -33.56	52.66 2.90 -27.30	46.86 2.92 -21.34	45.48 2.84 -20.64	45.73 2.72 -21.79	56.46 3.58 -25.53	70.88 6.22 -21.44	74.92 7.66 -15.85	74.42 7.78 -13.70	74.27 7.57 -14.88	67.55 7.14 -11.87	62.95 6.78 -9.76	60.18 6.40 -9.37	58.97 5.54 -16.26	58.89 5.05 -20.37	59.64 5.23 -19.96	71.96 8.13 -3.60	80.87 8.56 -8.43	74.84 7.43 -18.53	68.82 5.22 -30.11	63.81 4.63 -27.72	62.61 3.64 -33.67	56.87 3.09 -31.70	55.12 2.43 -35.85
WADING RIVER_IC_2 23547	57.69 2.85 -33.56	52.66 2.90 -27.30	46.86 2.92 -21.34	45.48 2.84 -20.64	45.73 2.72 -21.79	56.46 3.58 -25.53	70.88 6.22 -21.44	74.92 7.66 -15.85	74.42 7.78 -13.70	74.27 7.57 -14.88	67.55 7.14 -11.87	62.95 6.78 -9.76	60.18 6.40 -9.37	58.97 5.54 -16.26	58.89 5.05 -20.37	59.64 5.23 -19.96	71.96 8.13 -3.60	80.87 8.56 -8.43	74.84 7.43 -18.53	68.82 5.22 -30.11	63.81 4.63 -27.72	62.61 3.64 -33.67	56.87 3.09 -31.70	55.12 2.43 -35.85
WADING RIVER_IC_3 23601	57.69 2.85 -33.56	52.66 2.90 -27.30	46.86 2.92 -21.34	45.48 2.84 -20.64	45.73 2.72 -21.79	56.46 3.58 -25.53	70.88 6.22 -21.44	74.92 7.66 -15.85	74.42 7.78 -13.70	74.27 7.57 -14.88	67.55 7.14 -11.87	62.95 6.78 -9.76	60.18 6.40 -9.37	58.97 5.54 -16.26	58.89 5.05 -20.37	59.64 5.23 -19.96	71.96 8.13 -3.60	80.87 8.56 -8.43	74.84 7.43 -18.53	68.82 5.22 -30.11	63.81 4.63 -27.72	62.61 3.64 -33.67	56.87 3.09 -31.70	55.12 2.43 -35.85
WALDEN___HYDRO 24148	36.65 1.62 -13.76	36.62 1.59 -12.57	35.23 1.63 -11.00	34.42 1.58 -10.83	35.42 1.55 -12.65	39.08 2.05 -9.68	46.85 3.63 0.00	55.77 4.37 0.00	57.38 4.45 0.00	56.12 4.30 0.00	52.82 4.27 0.00	50.45 4.04 0.00	48.32 3.91 0.00	49.20 3.46 -8.57	46.94 3.18 -10.30	47.47 3.24 -9.78	64.68 4.46 0.00	68.61 4.73 0.00	58.08 4.45 -4.75	52.82 3.11 -16.21	54.09 2.61 -20.02	50.16 2.15 -22.72	42.56 1.77 -18.71	39.43 1.31 -21.28
WARRENSBURG____ 23737	42.41 1.75 -19.39	41.99 1.82 -17.72	39.92 1.81 -15.51	39.03 1.76 -15.27	40.75 1.70 -17.83	43.26 2.27 -13.65	47.24 4.02 0.00	56.23 4.83 0.00	58.07 5.13 0.00	56.91 5.08 0.00	53.40 4.85 0.00	51.05 4.64 0.00	48.86 4.44 0.00	53.32 3.75 -12.40	51.71 3.35 -14.90	51.94 3.34 -14.15	65.65 5.42 0.00	69.64 5.75 0.00	60.35 4.79 -6.67	59.02 3.25 -22.28	61.92 2.96 -27.51	58.89 2.38 -31.22	49.70 1.90 -25.72	47.33 1.25 -29.24
WATERSIDE___6 8 9 23538	37.33 2.06 -13.99	37.26 2.02 -12.78	35.92 2.12 -11.20	35.09 2.07 -11.02	36.07 1.97 -12.87	39.79 2.60 -9.84	47.71 4.49 0.00	56.90 5.50 0.00	58.28 5.34 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.38 4.97 0.00	49.26 4.84 0.00	50.09 4.13 -8.79	47.78 3.75 -10.57	48.37 3.89 -10.03	65.88 5.66 0.00	69.64 5.75 0.00	59.24 5.52 -4.83	53.66 3.78 -16.39	54.87 3.18 -20.23	50.93 2.68 -22.96	43.39 2.39 -18.92	40.19 1.84 -21.51
WDELAWARE___HYD 323627	35.61 1.72 -12.61	35.66 1.69 -11.52	34.40 1.72 -10.08	33.62 1.69 -9.93	34.49 1.68 -11.59	38.41 2.19 -8.87	47.06 3.85 0.00	55.82 4.42 0.00	57.54 4.60 0.00	56.23 4.40 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.37 3.95 0.00	48.50 3.46 -7.87	46.11 3.18 -9.46	46.67 3.24 -8.98	64.62 4.39 0.00	68.61 4.73 0.00	57.67 4.40 -4.38	51.45 3.05 -14.92	52.42 2.55 -18.41	48.34 2.15 -20.90	41.08 1.79 -17.21	37.75 1.33 -19.57
WEST BABYLON___IC 23714	61.07 2.83 -36.96	58.89 2.88 -33.56	48.58 2.87 -23.11	45.02 2.79 -20.23	46.96 2.70 -23.04	59.13 3.53 -28.26	74.61 6.22 -25.17	80.72 7.61 -21.72	77.88 7.73 -17.21	77.01 7.51 -17.67	72.61 7.09 -16.98	65.39 6.73 -12.25	60.34 6.40 -9.52	58.97 5.54 -16.26	58.85 5.02 -20.37	59.61 5.20 -19.96	71.78 7.95 -3.60	80.74 8.43 -8.43	74.70 7.29 -18.53	68.75 5.15 -30.11	63.71 4.53 -27.72	62.61 3.64 -33.67	56.85 3.07 -31.70	55.04 2.34 -35.85
WEST CANADA___HYD 24049	21.05 0.21 0.44	22.28 0.22 0.40	22.47 0.23 0.35	21.87 0.22 0.35	21.03 0.21 0.41	27.31 0.27 0.31	43.69 0.48 0.00	51.92 0.51 0.00	53.47 0.53 0.00	52.40 0.57 0.00	49.08 0.53 0.00	46.92 0.51 0.00	44.90 0.49 0.00	37.27 0.37 0.27	33.47 0.33 0.33	34.45 0.31 0.31	60.59 0.36 0.00	64.27 0.39 0.00	49.09 0.34 0.15	33.28 0.30 0.51	31.11 0.28 0.63	24.86 0.28 0.71	21.72 0.22 0.59	16.31 0.13 0.67
WESTERN_NY_WIND 24143	23.39 0.02 -2.09	24.33 -0.04 -1.91	24.16 -0.11 -1.67	23.52 -0.13 -1.65	23.08 -0.06 -1.93	28.52 -0.30 -1.47	43.56 0.34 0.00	52.02 0.62 0.00	53.41 0.48 0.00	52.29 0.47 0.00	48.98 0.44 0.00	46.97 0.56 0.00	44.55 0.13 0.00	38.46 -0.04 -1.32	35.12 0.07 -1.59	35.93 -0.03 -1.51	58.90 -1.33 0.00	63.18 -0.70 0.00	49.16 -0.44 -0.72	36.27 0.37 -2.42	34.54 0.09 -2.98	29.26 0.58 -3.39	25.22 0.35 -2.79	20.00 -0.02 -3.17
WESTOVER___LESR 323668	26.74 0.76 -4.69	27.53 0.79 -4.29	27.12 0.77 -3.75	26.44 0.75 -3.70	26.28 0.74 -4.32	31.55 0.90 -3.30	44.86 1.64 0.00	53.20 1.80 0.00	54.74 1.80 0.00	53.64 1.81 0.00	50.24 1.70 0.00	47.99 1.58 0.00	45.88 1.46 0.00	41.37 1.22 -2.97	38.20 1.17 -3.57	38.91 1.07 -3.39	61.31 1.09 0.00	65.23 1.34 0.00	51.81 1.32 -1.60	40.16 1.27 -5.40	39.23 1.10 -6.67	33.93 1.06 -7.57	29.18 0.86 -6.24	24.51 0.57 -7.09



WETHRSFD_WT_PWR 323626	24.46 0.43 -2.76	25.36 0.38 -2.52	25.12 0.32 -2.21	24.44 0.26 -2.17	24.10 0.34 -2.54	29.51 0.22 -1.94	44.30 1.08 0.00	52.53 1.13 0.00	54.00 1.06 0.00	52.81 0.98 0.00	49.51 0.97 0.00	47.29 0.88 0.00	44.95 0.53 0.00	39.25 0.33 -1.74	36.00 0.43 -2.10	36.72 0.27 -1.99	58.96 -1.27 0.00	63.12 -0.76 0.00	49.59 -0.24 -0.94	37.35 0.67 -3.19	35.68 0.28 -3.94	30.47 0.71 -4.47	26.27 0.51 -3.68	21.16 0.13 -4.18
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.45 1.64 -13.54	36.46 1.64 -12.37	35.10 1.67 -10.83	34.29 1.63 -10.66	35.22 1.55 -12.45	38.93 2.05 -9.53	46.85 3.63 0.00	55.87 4.47 0.00	57.49 4.55 0.00	56.23 4.40 0.00	52.86 4.32 0.00	50.54 4.13 0.00	48.46 4.04 0.00	49.21 3.53 -8.50	46.93 3.25 -10.22	47.46 3.31 -9.71	64.86 4.64 0.00	68.80 4.92 0.00	58.12 4.55 -4.68	52.59 3.22 -15.89	53.78 2.71 -19.61	49.78 2.23 -22.26	42.25 1.83 -18.34	39.07 1.38 -20.85
YORK___WARBASSE 23770	37.39 2.13 -13.99	37.33 2.09 -12.78	35.95 2.15 -11.20	35.11 2.09 -11.02	36.09 1.99 -12.87	39.79 2.60 -9.84	47.76 4.54 0.00	56.95 5.55 0.00	58.34 5.40 0.00	57.21 5.39 0.00	53.79 5.24 0.00	51.42 5.01 0.00	49.30 4.89 0.00	50.12 4.16 -8.79	47.78 3.75 -10.57	48.41 3.93 -10.03	66.01 5.78 0.00	69.83 5.94 0.00	59.39 5.67 -4.83	53.76 3.88 -16.39	54.96 3.27 -20.23	51.01 2.76 -22.96	43.45 2.45 -18.92	40.19 1.84 -21.51