

## Day Ahead Market Generator LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/19/2002

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	49.30	45.99	45.53	43.46	43.30	45.99	54.88	62.57	69.12	72.99	73.16	71.94	64.90	64.90	63.58	65.28	81.03	90.25	89.93	80.00	69.13	58.06	52.82	52.14
24138	2.88	2.77	2.70	2.42	2.30	2.97	3.16	4.10	4.28	4.67	4.14	4.04	3.85	3.47	3.46	3.50	4.78	5.18	4.68	4.69	4.58	3.52	3.73	3.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.50	-7.81	-6.92	-14.54	-14.76	-11.11	-15.77	-15.75	-16.28	-15.00	-18.60	-22.80	-13.58	-3.51	-12.68	-7.23	0.00
74TH STREET_GT_1	49.30	45.99	45.53	43.46	43.30	45.99	54.88	62.57	69.12	72.99	73.16	71.94	64.90	64.90	63.58	65.28	81.03	90.25	89.93	80.00	69.13	58.06	52.82	52.14
24260	2.88	2.77	2.70	2.42	2.30	2.97	3.16	4.10	4.28	4.67	4.14	4.04	3.85	3.47	3.46	3.50	4.78	5.18	4.68	4.69	4.58	3.52	3.73	3.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.50	-7.81	-6.92	-14.54	-14.76	-11.11	-15.77	-15.75	-16.28	-15.00	-18.60	-22.80	-13.58	-3.51	-12.68	-7.23	0.00
74TH STREET_GT_2	49.30	45.99	45.53	43.46	43.30	45.99	54.88	62.57	69.12	72.99	73.16	71.94	64.90	64.90	63.58	65.28	81.03	90.25	89.93	80.00	69.13	58.06	52.82	52.14
24261	2.88	2.77	2.70	2.42	2.30	2.97	3.16	4.10	4.28	4.67	4.14	4.04	3.85	3.47	3.46	3.50	4.78	5.18	4.68	4.69	4.58	3.52	3.73	3.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.50	-7.81	-6.92	-14.54	-14.76	-11.11	-15.77	-15.75	-16.28	-15.00	-18.60	-22.80	-13.58	-3.51	-12.68	-7.23	0.00
ADK HUDSON___FALLS	47.39	44.13	43.64	41.78	41.74	44.18	52.75	57.94	58.23	62.69	55.62	54.26	50.94	46.57	45.26	46.46	62.78	68.46	64.20	63.40	62.57	43.49	43.28	50.20
24011	0.97	0.91	0.81	0.74	0.74	1.16	1.03	0.97	1.20	1.29	1.14	1.12	1.00	0.91	0.89	0.96	1.53	1.99	1.75	1.67	1.53	1.63	1.42	1.56
	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
ADK RESOURCE___RCVRY	47.39	44.13	43.64	41.78	41.74	44.18	52.75	57.94	58.23	62.69	55.62	54.26	50.94	46.57	45.26	46.46	62.78	68.46	64.20	63.40	62.57	43.49	43.28	50.20
23798	0.97	0.91	0.81	0.74	0.74	1.16	1.03	0.97	1.20	1.29	1.14	1.12	1.00	0.91	0.89	0.96	1.53	1.99	1.75	1.67	1.53	1.63	1.42	1.56
	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
ADK S GLENS___FALLS	47.39	44.13	43.64	41.78	41.74	44.18	52.75	57.94	58.23	62.69	55.62	54.26	50.94	46.57	45.26	46.46	62.78	68.46	64.20	63.40	62.57	43.49	43.28	50.20
24028	0.97	0.91	0.81	0.74	0.74	1.16	1.03	0.97	1.20	1.29	1.14	1.12	1.00	0.91	0.89	0.96	1.53	1.99	1.75	1.67	1.53	1.63	1.42	1.56
	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
ADK_NYS___DAM	47.81	44.56	44.11	42.23	42.11	44.44	53.32	58.57	58.80	63.30	56.22	54.79	51.49	47.08	45.75	46.91	63.27	68.80	64.57	63.83	62.99	43.45	43.45	50.49
23527	1.39	1.34	1.28	1.19	1.11	1.42	1.60	1.60	1.77	1.90	1.74	1.65	1.55	1.42	1.38	1.41	2.02	2.33	2.12	2.10	1.95	1.59	1.59	1.85
	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
AIR_PRODUCTS___DRP	47.63	44.39	43.94	42.07	41.98	44.27	53.12	58.62	58.85	63.43	56.28	54.84	51.59	47.12	45.83	47.00	63.33	68.93	64.70	63.89	63.12	43.49	43.45	50.25
24190	1.21	1.17	1.11	1.03	0.98	1.25	1.40	1.65	1.82	2.03	1.80	1.70	1.65	1.46	1.46	1.50	2.08	2.46	2.25	2.16	2.08	1.63	1.59	1.61
	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
ALBANY___1	47.63	44.39	43.94	42.07	41.98	44.27	53.12	58.62	58.85	63.43	56.28	54.84	51.59	47.12	45.83	47.00	63.33	68.93	64.70	63.89	63.12	43.49	43.45	50.25
23571	1.21	1.17	1.11	1.03	0.98	1.25	1.40	1.65	1.82	2.03	1.80	1.70	1.65	1.46	1.46	1.50	2.08	2.46	2.25	2.16	2.08	1.63	1.59	1.61
	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
ALBANY___2	47.63	44.39	43.94	42.07	41.98	44.27	53.12	58.62	58.85	63.43	56.28	54.84	51.59	47.12	45.83	47.00	63.33	68.93	64.70	63.89	63.12	43.49	43.45	50.25
23572	1.21	1.17	1.11	1.03	0.98	1.25	1.40	1.65	1.82	2.03	1.80	1.70	1.65	1.46	1.46	1.50	2.08	2.46	2.25	2.16	2.08	1.63	1.59	1.61
	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
ALBANY___3	47.63	44.39	43.94	42.07	41.98	44.27	53.12	58.62	58.85	63.43	56.28	54.84	51.59	47.12	45.83	47.00	63.33	68.93	64.70	63.89	63.12	43.49	43.45	50.25
23573	1.21	1.17	1.11	1.03	0.98	1.25	1.40	1.65	1.82	2.03	1.80	1.70	1.65	1.46	1.46	1.50	2.08	2.46	2.25	2.16	2.08	1.63	1.59	1.61
	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
ALBANY___4	47.63	44.39	43.94	42.07	41.98	44.27	53.12	58.62	58.85	63.43	56.28	54.84	51.59	47.12	45.83	47.00	63.33	68.93	64.70	63.89	63.12	43.49	43.45	50.25
23574	1.21	1.17	1.11	1.03	0.98	1.25	1.40	1.65	1.82	2.03	1.80	1.70	1.65	1.46	1.46	1.50	2.08	2.46	2.25	2.16	2.08	1.63	1.59	1.61
	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



ALCOA_RYNLDS___DRP 24188	46.28 -0.14 0.00	42.96 -0.26 0.00	42.57 -0.26 0.00	40.88 -0.16 0.00	40.88 -0.12 0.00	42.68 -0.34 0.00	52.19 0.47 0.00	57.03 0.06 0.00	56.97 -0.06 0.00	61.34 -0.06 0.00	54.37 -0.11 0.00	53.19 0.05 0.00	49.99 0.05 0.00	45.66 0.00 0.00	44.37 0.00 0.00	45.27 -0.23 0.00	61.01 -0.24 0.00	65.94 -0.53 0.00	62.14 -0.31 0.00	61.48 -0.25 0.00	60.80 -0.24 0.00	41.06 -0.80 0.00	41.11 -0.75 0.00	48.15 -0.49 0.00
ALLEGHENY___COGEN 23514	44.61 -1.81 0.00	41.62 -1.60 0.00	41.33 -1.50 0.00	39.60 -1.44 0.00	39.61 -1.39 0.00	42.03 -0.99 0.00	49.70 -2.02 0.00	56.17 -0.80 0.00	56.69 -0.34 0.00	61.09 -0.31 0.00	54.10 -0.38 0.00	52.71 -0.43 0.00	49.94 0.00 0.00	45.71 0.05 0.00	44.37 0.00 0.00	45.82 0.32 0.00	61.56 0.31 0.00	67.53 1.06 0.00	63.20 0.75 0.00	62.04 0.31 0.00	61.47 0.43 0.00	42.24 0.38 0.00	41.65 -0.21 0.00	47.28 -1.36 0.00
AMERICAN_REF_FUEL 24010	41.87 -4.55 0.00	38.94 -4.28 0.00	38.76 -4.07 0.00	37.14 -3.90 0.00	37.15 -3.85 0.00	39.32 -3.70 0.00	45.15 -6.57 0.00	51.67 -5.30 0.00	51.33 -5.70 0.00	55.32 -6.08 0.00	48.81 -5.67 0.00	47.56 -5.58 0.00	45.00 -4.94 0.00	41.28 -4.38 0.00	40.02 -4.35 0.00	41.31 -4.19 0.00	55.37 -5.88 0.00	60.69 -5.78 0.00	56.70 -5.75 0.00	55.50 -6.23 0.00	55.42 -5.62 0.00	38.30 -3.56 0.00	37.80 -4.06 0.00	42.61 -6.03 0.00
ARTHUR_KILL_GT_1 23520	49.44 3.02 0.00	46.12 2.90 0.00	45.61 2.78 0.00	43.67 2.63 0.00	43.46 2.46 0.00	45.99 2.97 0.00	55.13 3.41 0.00	62.86 4.39 -1.50	69.12 4.28 -7.81	72.99 4.67 -6.92	73.22 4.20 -14.54	71.99 4.09 -14.76	64.85 3.80 -11.11	64.90 3.47 -15.77	63.54 3.42 -15.75	65.28 3.50 -16.28	81.15 4.90 -15.00	90.06 4.99 -18.60	89.87 4.62 -22.80	79.82 4.51 -13.58	68.95 4.40 -3.51	58.18 3.64 -12.68	52.94 3.85 -7.23	52.19 3.55 0.00
ARTHUR_KILL_2 23512	49.44 3.02 0.00	46.12 2.90 0.00	45.61 2.78 0.00	43.67 2.63 0.00	43.46 2.46 0.00	45.99 2.97 0.00	55.13 3.41 0.00	62.86 4.39 -1.50	69.12 4.28 -7.81	72.99 4.67 -6.92	73.22 4.20 -14.54	71.99 4.09 -14.76	64.85 3.80 -11.11	64.90 3.47 -15.77	63.54 3.42 -15.75	65.28 3.50 -16.28	81.15 4.90 -15.00	90.06 4.99 -18.60	89.87 4.62 -22.80	79.82 4.51 -13.58	68.95 4.40 -3.51	58.18 3.64 -12.68	52.94 3.85 -7.23	52.19 3.55 0.00
ARTHUR_KILL_3 23513	49.16 2.74 0.00	45.86 2.64 0.00	45.40 2.57 0.00	43.30 2.26 0.00	43.13 2.13 0.00	45.90 2.88 0.00	54.51 2.79 0.00	62.23 3.76 -1.50	68.83 3.99 -7.81	72.62 4.30 -6.92	72.89 3.87 -14.54	71.67 3.77 -14.76	64.65 3.60 -11.11	64.67 3.24 -15.77	63.31 3.19 -15.75	65.06 3.28 -16.28	80.72 4.47 -15.00	89.79 4.72 -18.60	89.56 4.31 -22.80	79.63 4.32 -13.58	68.82 4.27 -3.51	57.81 3.27 -12.68	52.56 3.47 -7.23	51.90 3.26 0.00
ASHOKAN____ 23654	48.56 2.14 0.00	45.21 1.99 0.00	44.76 1.93 0.00	42.80 1.76 0.00	42.68 1.68 0.00	45.13 2.11 0.00	54.10 2.38 0.00	59.88 2.91 0.00	59.65 2.62 0.00	64.29 2.89 0.00	57.10 2.62 0.00	55.64 2.50 0.00	52.44 2.50 0.00	47.90 2.24 0.00	46.63 2.26 0.00	47.64 2.14 0.00	64.62 3.37 0.00	70.26 3.79 0.00	65.88 3.43 0.00	65.31 3.58 0.00	64.46 3.42 0.00	44.41 2.55 0.00	44.46 2.60 0.00	51.07 2.43 0.00
ASTORIA 5-9____ 23662	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA GT2____ 23536	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA GT3____ 23731	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA GT4____ 23727	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT2_1 24094	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT2_2 24095	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT2_3 24096	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT2_4 24097	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT3_1 24098	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00



ASTORIA_GT3_2 24099	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT3_3 24100	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT3_4 24101	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT4_1 24102	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT4_2 24103	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT4_3 24104	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT4_4 24105	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT_1 23523	49.62 3.20 0.00	46.29 3.07 0.00	45.83 3.00 0.00	43.75 2.71 0.00	43.58 2.58 0.00	46.29 3.27 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.17 4.33 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	71.99 4.09 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.15 4.90 -15.00	90.19 5.12 -18.60	89.93 4.68 -22.80	79.94 4.63 -13.58	69.13 4.58 -3.51	58.31 3.77 -12.68	53.11 4.02 -7.23	52.53 3.89 0.00
ASTORIA_GT_10 24110	49.62 3.20 0.00	46.29 3.07 0.00	45.83 3.00 0.00	43.75 2.71 0.00	43.58 2.58 0.00	46.29 3.27 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.17 4.33 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	71.99 4.09 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.15 4.90 -15.00	90.19 5.12 -18.60	89.93 4.68 -22.80	79.94 4.63 -13.58	69.13 4.58 -3.51	58.31 3.77 -12.68	53.11 4.02 -7.23	52.53 3.89 0.00
ASTORIA_GT_11 24225	49.62 3.20 0.00	46.29 3.07 0.00	45.83 3.00 0.00	43.75 2.71 0.00	43.58 2.58 0.00	46.29 3.27 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.17 4.33 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	71.99 4.09 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.15 4.90 -15.00	90.19 5.12 -18.60	89.93 4.68 -22.80	79.94 4.63 -13.58	69.13 4.58 -3.51	58.31 3.77 -12.68	53.11 4.02 -7.23	52.53 3.89 0.00
ASTORIA_GT_12 24226	49.62 3.20 0.00	46.29 3.07 0.00	45.83 3.00 0.00	43.75 2.71 0.00	43.58 2.58 0.00	46.29 3.27 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.17 4.33 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	71.99 4.09 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.15 4.90 -15.00	90.19 5.12 -18.60	89.93 4.68 -22.80	79.94 4.63 -13.58	69.13 4.58 -3.51	58.31 3.77 -12.68	53.11 4.02 -7.23	52.53 3.89 0.00
ASTORIA_GT_13 24227	49.62 3.20 0.00	46.29 3.07 0.00	45.83 3.00 0.00	43.75 2.71 0.00	43.58 2.58 0.00	46.29 3.27 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.17 4.33 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	71.99 4.09 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.15 4.90 -15.00	90.19 5.12 -18.60	89.93 4.68 -22.80	79.94 4.63 -13.58	69.13 4.58 -3.51	58.31 3.77 -12.68	53.11 4.02 -7.23	52.53 3.89 0.00
ASTORIA_GT_5 24106	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT_7 24107	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA_GT_8 24108	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA___2 24149	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00



ASTORIA___3 23516	49.58 3.16 0.00	46.25 3.03 0.00	45.74 2.91 0.00	43.71 2.67 0.00	43.54 2.54 0.00	46.25 3.23 0.00	55.13 3.41 0.00	62.57 4.10 -1.50	68.83 3.99 -7.81	72.62 4.30 -6.92	72.89 3.87 -14.54	71.67 3.77 -14.76	64.65 3.60 -11.11	64.72 3.29 -15.77	63.40 3.28 -15.75	65.15 3.37 -16.28	80.78 4.53 -15.00	89.79 4.72 -18.60	89.56 4.31 -22.80	79.57 4.26 -13.58	68.82 4.27 -3.51	58.22 3.68 -12.68	53.11 4.02 -7.23	52.53 3.89 0.00
ASTORIA___4 23517	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.79 2.79 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.12 5.05 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTORIA___5 23518	49.81 3.39 0.00	46.33 3.11 0.00	45.96 3.13 0.00	43.87 2.83 0.00	43.71 2.71 0.00	46.42 3.40 0.00	55.39 3.67 0.00	62.91 4.44 -1.50	68.83 3.99 -7.81	72.62 4.30 -6.92	72.89 3.87 -14.54	71.62 3.72 -14.76	64.60 3.55 -11.11	64.72 3.29 -15.77	63.58 3.46 -15.75	65.33 3.55 -16.28	80.72 4.47 -15.00	89.66 4.59 -18.60	89.37 4.12 -22.80	79.32 4.01 -13.58	68.64 4.09 -3.51	58.39 3.85 -12.68	53.23 4.14 -7.23	52.77 4.13 0.00
ASTRIA 10-13____ 23663	49.62 3.20 0.00	46.29 3.07 0.00	45.83 3.00 0.00	43.75 2.71 0.00	43.58 2.58 0.00	46.29 3.27 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.17 4.33 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	71.99 4.09 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.15 4.90 -15.00	90.19 5.12 -18.60	89.93 4.68 -22.80	79.94 4.63 -13.58	69.13 4.58 -3.51	58.31 3.77 -12.68	53.11 4.02 -7.23	52.53 3.89 0.00
BARRETT 1-8___GRP4 24034	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT 9-12___GRP3 24033	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_1 23704	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_10 23701	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_11 23702	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_12 23703	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_2 23705	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_3 23706	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_4 23707	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_5 23708	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_6 23709	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_7 23710	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00



BARRETT_IC_8 23711	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT_IC_9 23700	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BARRETT___1 23545	49.21 2.79 0.00	45.90 2.68 0.00	45.36 2.53 0.00	43.34 2.30 0.00	43.05 2.05 0.00	45.77 2.75 0.00	54.41 2.69 0.00	61.77 3.30 -1.50	68.20 3.36 -7.81	72.07 3.75 -6.92	72.18 3.16 -14.54	70.93 3.03 -14.76	64.00 2.95 -11.11	64.08 2.65 -15.77	62.69 2.57 -15.75	64.37 2.59 -16.28	79.13 2.88 -15.00	88.93 3.86 -18.60	88.93 3.68 -22.80	78.89 3.58 -13.58	68.76 4.21 -3.51	57.72 3.18 -12.68	52.61 3.52 -7.23	51.80 3.16 0.00
BARRETT___2 23546	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.46 2.42 0.00	43.17 2.17 0.00	45.86 2.84 0.00	54.77 3.05 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.50 4.18 -6.92	72.62 3.60 -14.54	71.30 3.40 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.69 2.91 -16.28	79.62 3.37 -15.00	89.39 4.32 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	69.25 4.70 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.09 3.45 0.00
BEAVER RIVER___HYD 24048	46.19 -0.23 0.00	42.87 -0.35 0.00	42.44 -0.39 0.00	40.67 -0.37 0.00	40.71 -0.29 0.00	42.85 -0.17 0.00	52.08 0.36 0.00	57.54 0.57 0.00	57.54 0.51 0.00	62.69 1.29 0.00	55.57 1.09 0.00	54.15 1.01 0.00	50.84 0.90 0.00	46.44 0.78 0.00	45.08 0.71 0.00	46.23 0.73 0.00	62.66 1.41 0.00	68.40 1.93 0.00	64.32 1.87 0.00	63.33 1.60 0.00	62.38 1.34 0.00	42.36 0.50 0.00	42.03 0.17 0.00	48.69 0.05 0.00
BEEBEE_GT_13 23619	45.40 -1.02 0.00	42.44 -0.78 0.00	42.06 -0.77 0.00	40.26 -0.78 0.00	40.26 -0.74 0.00	43.15 0.13 0.00	51.41 -0.31 0.00	57.94 0.97 0.00	58.91 1.88 0.00	63.49 2.09 0.00	56.28 1.80 0.00	54.84 1.70 0.00	51.54 1.60 0.00	47.17 1.51 0.00	45.75 1.38 0.00	47.18 1.68 0.00	63.33 2.08 0.00	69.46 2.99 0.00	65.07 2.62 0.00	64.01 2.28 0.00	63.42 2.38 0.00	43.58 1.72 0.00	42.91 1.05 0.00	48.69 0.05 0.00
BETHLEHEM___STEEL 23779	41.87 -4.55 0.00	39.07 -4.15 0.00	38.85 -3.98 0.00	37.26 -3.78 0.00	37.27 -3.73 0.00	39.45 -3.57 0.00	45.67 -6.05 0.00	52.18 -4.79 0.00	51.95 -5.08 0.00	56.00 -5.40 0.00	49.41 -5.07 0.00	48.14 -5.00 0.00	45.64 -4.30 0.00	41.82 -3.84 0.00	40.55 -3.82 0.00	41.95 -3.55 0.00	56.29 -4.96 0.00	61.75 -4.72 0.00	57.70 -4.75 0.00	56.42 -5.31 0.00	56.22 -4.82 0.00	38.64 -3.22 0.00	38.09 -3.77 0.00	43.05 -5.59 0.00
BINGHAMTON___COGEN 23790	45.03 -1.39 0.00	42.01 -1.21 0.00	41.67 -1.16 0.00	39.93 -1.11 0.00	39.89 -1.11 0.00	41.94 -1.08 0.00	50.12 -1.60 0.00	55.83 -1.14 0.00	56.23 -0.80 0.00	60.54 -0.86 0.00	53.72 -0.76 0.00	52.40 -0.74 0.00	49.04 -0.90 0.00	44.88 -0.78 0.00	43.57 -0.80 0.00	44.95 -0.55 0.00	60.45 -0.80 0.00	65.94 -0.53 0.00	61.76 -0.69 0.00	60.74 -0.99 0.00	60.06 -0.98 0.00	41.32 -0.54 0.00	41.15 -0.71 0.00	47.38 -1.26 0.00
BLACK RIVER___HYD 24047	45.96 -0.46 0.00	42.61 -0.61 0.00	42.19 -0.64 0.00	40.42 -0.62 0.00	40.47 -0.53 0.00	42.63 -0.39 0.00	51.88 0.16 0.00	57.48 0.51 0.00	57.49 0.46 0.00	63.30 1.90 0.00	56.06 1.58 0.00	54.63 1.49 0.00	51.24 1.30 0.00	46.80 1.14 0.00	45.43 1.06 0.00	46.59 1.09 0.00	63.39 2.14 0.00	69.39 2.92 0.00	65.32 2.87 0.00	64.20 2.47 0.00	63.05 2.01 0.00	42.70 0.84 0.00	42.15 0.29 0.00	48.69 0.05 0.00
BLUE_CIRC_CHEM_DRP 24182	47.30 0.88 0.00	44.08 0.86 0.00	43.69 0.86 0.00	41.78 0.74 0.00	41.70 0.70 0.00	43.97 0.95 0.00	52.50 0.78 0.00	58.00 1.03 0.00	58.17 1.14 0.00	62.69 1.29 0.00	55.62 1.14 0.00	54.20 1.06 0.00	50.99 1.05 0.00	46.57 0.91 0.00	45.30 0.93 0.00	46.46 0.96 0.00	62.54 1.29 0.00	68.00 1.53 0.00	63.82 1.37 0.00	63.09 1.36 0.00	62.32 1.28 0.00	42.99 1.13 0.00	42.99 1.13 0.00	49.66 1.02 0.00
BOC_GAS_DRP 24189	47.26 0.84 0.00	44.08 0.86 0.00	43.64 0.81 0.00	41.78 0.74 0.00	41.70 0.70 0.00	43.92 0.90 0.00	52.60 0.88 0.00	58.05 1.08 0.00	58.28 1.25 0.00	62.75 1.35 0.00	55.73 1.25 0.00	54.31 1.17 0.00	51.04 1.10 0.00	46.66 1.00 0.00	45.39 1.02 0.00	46.55 1.05 0.00	62.60 1.35 0.00	68.07 1.60 0.00	63.89 1.44 0.00	63.15 1.42 0.00	62.38 1.34 0.00	43.03 1.17 0.00	43.07 1.21 0.00	49.76 1.12 0.00
BOWLINE___1 23526	48.14 1.72 0.00	44.82 1.60 0.00	44.50 1.67 0.00	42.56 1.52 0.00	42.35 1.35 0.00	44.78 1.76 0.00	53.48 1.76 0.00	59.31 2.34 0.00	59.60 2.57 0.00	64.16 2.76 0.00	56.99 2.51 0.00	55.58 2.44 0.00	52.29 2.35 0.00	47.76 2.10 0.00	46.46 2.09 0.00	47.59 2.09 0.00	64.13 2.88 0.00	69.66 3.19 0.00	65.32 2.87 0.00	64.63 2.90 0.00	63.85 2.81 0.00	44.25 2.39 0.00	44.46 2.60 0.00	50.88 2.24 0.00
BOWLINE___2 23595	48.18 1.76 0.00	44.86 1.64 0.00	44.50 1.67 0.00	42.52 1.48 0.00	42.35 1.35 0.00	44.83 1.81 0.00	53.53 1.81 0.00	59.42 2.45 0.00	59.65 2.62 0.00	64.29 2.89 0.00	57.10 2.62 0.00	55.64 2.50 0.00	52.34 2.40 0.00	47.85 2.19 0.00	46.54 2.17 0.00	47.68 2.18 0.00	64.25 3.00 0.00	69.79 3.32 0.00	65.45 3.00 0.00	64.75 3.02 0.00	63.97 2.93 0.00	44.33 2.47 0.00	44.58 2.72 0.00	51.12 2.48 0.00
BROOKHAVEN___DRP 24191	48.74 2.32 0.00	45.60 2.38 0.00	45.01 2.18 0.00	43.01 1.97 0.00	42.52 1.52 0.00	45.21 2.19 0.00	54.31 2.59 0.00	61.66 3.19 -1.50	67.92 3.08 -7.81	71.64 3.32 -6.92	72.02 3.00 -14.54	70.77 2.87 -14.76	63.85 2.80 -11.11	63.94 2.51 -15.77	62.60 2.48 -15.75	64.24 2.46 -16.28	79.37 3.12 -15.00	89.52 4.45 -18.60	89.68 4.43 -22.80	79.88 4.57 -13.58	69.37 4.82 -3.51	57.93 3.39 -12.68	52.77 3.68 -7.23	51.75 3.11 0.00
BROOKLYN_NAVY_YARD 23515	49.25 2.83 0.00	45.99 2.77 0.00	45.40 2.57 0.00	43.34 2.30 0.00	43.21 2.21 0.00	45.95 2.93 0.00	54.88 3.16 0.00	62.63 4.16 -1.50	69.23 4.39 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	72.05 4.15 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.63 3.51 -15.75	65.33 3.55 -16.28	81.15 4.90 -15.00	90.32 5.25 -18.60	90.06 4.81 -22.80	80.06 4.75 -13.58	69.19 4.64 -3.51	58.10 3.56 -12.68	52.90 3.81 -7.23	52.14 3.50 0.00
BURROWS___LYONSDAL 23803	46.56 0.14 0.00	43.31 0.09 0.00	42.87 0.04 0.00	41.08 0.04 0.00	41.08 0.08 0.00	43.28 0.26 0.00	52.24 0.52 0.00	57.77 0.80 0.00	57.89 0.86 0.00	62.51 1.11 0.00	55.46 0.98 0.00	54.04 0.90 0.00	50.79 0.85 0.00	46.44 0.78 0.00	45.08 0.71 0.00	46.27 0.77 0.00	62.47 1.22 0.00	68.13 1.66 0.00	64.01 1.56 0.00	63.09 1.36 0.00	62.26 1.22 0.00	42.57 0.71 0.00	42.36 0.50 0.00	49.03 0.39 0.00



CALPINE BETH_PAGE_GT4 24209	49.34 2.92 0.00	45.99 2.77 0.00	45.44 2.61 0.00	43.42 2.38 0.00	43.13 2.13 0.00	45.82 2.80 0.00	54.88 3.16 0.00	62.34 3.87 -1.50	68.55 3.71 -7.81	72.43 4.11 -6.92	72.72 3.70 -14.54	71.46 3.56 -14.76	64.50 3.45 -11.11	64.54 3.11 -15.77	63.18 3.06 -15.75	64.83 3.05 -16.28	80.17 3.92 -15.00	90.25 5.18 -18.60	90.25 5.00 -22.80	80.19 4.88 -13.58	69.68 5.13 -3.51	58.22 3.68 -12.68	53.03 3.94 -7.23	52.34 3.70 0.00
CALSPAN___DRP 24200	41.87 -4.55 0.00	39.07 -4.15 0.00	38.85 -3.98 0.00	37.26 -3.78 0.00	37.27 -3.73 0.00	39.45 -3.57 0.00	45.67 -6.05 0.00	52.18 -4.79 0.00	51.95 -5.08 0.00	56.00 -5.40 0.00	49.41 -5.07 0.00	48.14 -5.00 0.00	45.64 -4.30 0.00	41.82 -3.84 0.00	40.55 -3.82 0.00	41.95 -3.55 0.00	56.29 -4.96 0.00	61.75 -4.72 0.00	57.70 -4.75 0.00	56.42 -5.31 0.00	56.22 -4.82 0.00	38.64 -3.22 0.00	38.09 -3.77 0.00	43.05 -5.59 0.00
CARR STREET_E__SYR 24060	45.63 -0.79 0.00	42.49 -0.73 0.00	42.14 -0.69 0.00	40.34 -0.70 0.00	40.34 -0.66 0.00	42.29 -0.73 0.00	50.48 -1.24 0.00	55.83 -1.14 0.00	55.83 -1.20 0.00	60.05 -1.35 0.00	53.39 -1.09 0.00	52.02 -1.12 0.00	48.89 -1.05 0.00	44.70 -0.96 0.00	43.44 -0.93 0.00	44.64 -0.86 0.00	59.96 -1.29 0.00	65.41 -1.06 0.00	61.39 -1.06 0.00	60.50 -1.23 0.00	59.82 -1.22 0.00	41.27 -0.59 0.00	41.27 -0.59 0.00	47.86 -0.78 0.00
CARTHAGE___PAPER 23857	46.05 -0.37 0.00	42.74 -0.48 0.00	42.32 -0.51 0.00	40.51 -0.53 0.00	40.55 -0.45 0.00	42.72 -0.30 0.00	51.98 0.26 0.00	57.54 0.57 0.00	57.54 0.51 0.00	63.06 1.66 0.00	55.90 1.42 0.00	54.47 1.33 0.00	51.09 1.15 0.00	46.66 1.00 0.00	45.30 0.93 0.00	46.46 0.96 0.00	63.09 1.84 0.00	69.06 2.59 0.00	64.95 2.50 0.00	63.89 2.16 0.00	62.81 1.77 0.00	42.57 0.71 0.00	42.11 0.25 0.00	48.69 0.05 0.00
CE_DUNWOOD___DRP 24194	48.93 2.51 0.00	45.55 2.33 0.00	45.14 2.31 0.00	43.13 2.09 0.00	42.97 1.97 0.00	45.51 2.49 0.00	54.41 2.69 0.00	61.95 3.48 -1.50	68.49 3.65 -7.81	72.31 3.99 -6.92	72.56 3.54 -14.54	71.35 3.45 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.78 3.00 -16.28	80.29 4.04 -15.00	89.59 4.52 -18.60	89.37 4.12 -22.80	79.38 4.07 -13.58	68.58 4.03 -3.51	57.64 3.10 -12.68	52.40 3.31 -7.23	51.75 3.11 0.00
CE_MILLWOOD___DRP 24193	48.83 2.41 0.00	45.47 2.25 0.00	45.06 2.23 0.00	43.05 2.01 0.00	42.89 1.89 0.00	45.43 2.41 0.00	54.31 2.59 0.00	61.77 3.30 -1.50	68.32 3.48 -7.81	72.13 3.81 -6.92	72.45 3.43 -14.54	71.19 3.29 -14.76	64.20 3.15 -11.11	64.31 2.88 -15.77	62.96 2.84 -15.75	64.65 2.87 -16.28	80.17 3.92 -15.00	89.39 4.32 -18.60	89.18 3.93 -22.80	79.26 3.95 -13.58	68.40 3.85 -3.51	57.55 3.01 -12.68	52.27 3.18 -7.23	51.61 2.97 0.00
CE_NYC2_DRP 24202	49.62 3.20 0.00	46.25 3.03 0.00	45.79 2.96 0.00	43.75 2.71 0.00	43.58 2.58 0.00	46.29 3.27 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.23 4.39 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	72.05 4.15 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.42 3.64 -16.28	81.15 4.90 -15.00	90.25 5.18 -18.60	90.00 4.75 -22.80	80.00 4.69 -13.58	69.19 4.64 -3.51	58.27 3.73 -12.68	53.11 4.02 -7.23	52.48 3.84 0.00
CE_NYC_DRP 24195	49.34 2.92 0.00	45.99 2.77 0.00	45.53 2.70 0.00	43.46 2.42 0.00	43.34 2.34 0.00	46.03 3.01 0.00	54.88 3.16 0.00	62.57 4.10 -1.50	69.17 4.33 -7.81	73.05 4.73 -6.92	73.22 4.20 -14.54	71.99 4.09 -14.76	64.95 3.90 -11.11	64.95 3.52 -15.77	63.58 3.46 -15.75	65.33 3.55 -16.28	81.09 4.84 -15.00	90.32 5.25 -18.60	90.00 4.75 -22.80	80.06 4.75 -13.58	69.19 4.64 -3.51	58.10 3.56 -12.68	52.86 3.77 -7.23	52.19 3.55 0.00
CH_MIDHUDSON___DRP 24192	48.60 2.18 0.00	45.25 2.03 0.00	44.80 1.97 0.00	42.85 1.81 0.00	42.68 1.68 0.00	45.17 2.15 0.00	54.00 2.28 0.00	59.88 2.91 0.00	60.11 3.08 0.00	64.78 3.38 0.00	57.48 3.00 0.00	56.06 2.92 0.00	52.74 2.80 0.00	48.22 2.56 0.00	46.90 2.53 0.00	48.05 2.55 0.00	64.74 3.49 0.00	70.26 3.79 0.00	65.88 3.43 0.00	65.19 3.46 0.00	64.46 3.42 0.00	44.54 2.68 0.00	44.75 2.89 0.00	51.41 2.77 0.00
CH_MISC_IPPS 23765	48.51 2.09 0.00	44.99 1.77 0.00	44.59 1.76 0.00	42.64 1.60 0.00	42.48 1.48 0.00	44.96 1.94 0.00	53.79 2.07 0.00	59.65 2.68 0.00	59.82 2.79 0.00	64.47 3.07 0.00	57.26 2.78 0.00	55.80 2.66 0.00	52.54 2.60 0.00	47.99 2.33 0.00	46.72 2.35 0.00	47.82 2.32 0.00	64.43 3.18 0.00	69.73 3.26 0.00	65.39 2.94 0.00	64.75 3.02 0.00	64.21 3.17 0.00	44.37 2.51 0.00	44.66 2.80 0.00	51.46 2.82 0.00
CH_RES_BVR_FALLS 23983	46.28 -0.14 0.00	43.05 -0.17 0.00	42.66 -0.17 0.00	40.92 -0.12 0.00	40.88 -0.12 0.00	42.80 -0.22 0.00	51.82 0.10 0.00	56.86 -0.11 0.00	56.86 -0.17 0.00	61.22 -0.18 0.00	54.32 -0.16 0.00	52.98 -0.16 0.00	49.79 -0.15 0.00	45.52 -0.14 0.00	44.24 -0.13 0.00	45.32 -0.18 0.00	61.01 -0.24 0.00	66.07 -0.40 0.00	62.14 -0.31 0.00	61.48 -0.25 0.00	60.80 -0.24 0.00	41.40 -0.46 0.00	41.44 -0.42 0.00	48.30 -0.34 0.00
CH_RES_NIAGARA 23895	41.96 -4.46 0.00	39.03 -4.19 0.00	38.80 -4.03 0.00	37.18 -3.86 0.00	37.19 -3.81 0.00	39.36 -3.66 0.00	45.20 -6.52 0.00	51.73 -5.24 0.00	51.38 -5.65 0.00	55.38 -6.02 0.00	48.87 -5.61 0.00	47.61 -5.53 0.00	45.05 -4.89 0.00	41.32 -4.34 0.00	40.07 -4.30 0.00	41.36 -4.14 0.00	55.43 -5.82 0.00	60.69 -5.78 0.00	56.77 -5.68 0.00	55.56 -6.17 0.00	55.49 -5.55 0.00	38.30 -3.56 0.00	37.80 -4.06 0.00	42.66 -5.98 0.00
CH_RES_SYRACUSE 23985	45.45 -0.97 0.00	42.44 -0.78 0.00	42.06 -0.77 0.00	40.26 -0.78 0.00	40.26 -0.74 0.00	42.33 -0.69 0.00	50.58 -1.14 0.00	56.12 -0.85 0.00	56.23 -0.80 0.00	60.54 -0.86 0.00	53.77 -0.71 0.00	52.40 -0.74 0.00	49.24 -0.70 0.00	45.07 -0.59 0.00	43.75 -0.62 0.00	44.95 -0.55 0.00	60.52 -0.73 0.00	66.00 -0.47 0.00	61.95 -0.50 0.00	60.99 -0.74 0.00	60.31 -0.73 0.00	41.61 -0.25 0.00	41.44 -0.42 0.00	47.81 -0.83 0.00
CORNELL____ 23752	43.22 -3.20 0.00	40.19 -3.03 0.00	39.79 -3.04 0.00	38.09 -2.95 0.00	38.13 -2.87 0.00	40.35 -2.67 0.00	48.77 -2.95 0.00	54.86 -2.11 0.00	54.98 -2.05 0.00	59.13 -2.27 0.00	52.46 -2.02 0.00	51.07 -2.07 0.00	47.89 -2.05 0.00	43.83 -1.83 0.00	42.55 -1.82 0.00	43.77 -1.73 0.00	59.17 -2.08 0.00	64.94 -1.53 0.00	60.89 -1.56 0.00	59.82 -1.91 0.00	58.90 -2.14 0.00	40.35 -1.51 0.00	39.93 -1.93 0.00	45.72 -2.92 0.00
COXSACKIE___GT 23611	48.04 1.62 0.00	44.73 1.51 0.00	44.33 1.50 0.00	42.39 1.35 0.00	42.27 1.27 0.00	44.65 1.63 0.00	53.58 1.86 0.00	59.19 2.22 0.00	58.68 1.65 0.00	63.24 1.84 0.00	56.11 1.63 0.00	54.73 1.59 0.00	51.54 1.60 0.00	47.08 1.42 0.00	45.83 1.46 0.00	46.87 1.37 0.00	64.01 2.76 0.00	69.59 3.12 0.00	65.26 2.81 0.00	64.63 2.90 0.00	63.85 2.81 0.00	44.00 2.14 0.00	44.00 2.14 0.00	50.63 1.99 0.00
CRESCENT___HYD 24018	47.63 1.21 0.00	44.39 1.17 0.00	43.94 1.11 0.00	42.07 1.03 0.00	41.98 0.98 0.00	44.35 1.33 0.00	53.17 1.45 0.00	58.57 1.60 0.00	58.80 1.77 0.00	63.36 1.96 0.00	56.22 1.74 0.00	54.79 1.65 0.00	51.49 1.55 0.00	47.08 1.42 0.00	45.79 1.42 0.00	46.91 1.41 0.00	63.27 2.02 0.00	68.93 2.46 0.00	64.64 2.19 0.00	63.89 2.16 0.00	63.05 2.01 0.00	43.53 1.67 0.00	43.49 1.63 0.00	50.34 1.70 0.00



CRUCIBLE_METL_DRP 24180	45.45 -0.97 0.00	42.44 -0.78 0.00	42.06 -0.77 0.00	40.26 -0.78 0.00	40.26 -0.74 0.00	42.33 -0.69 0.00	50.58 -1.14 0.00	56.12 -0.85 0.00	56.23 -0.80 0.00	60.54 -0.86 0.00	53.77 -0.71 0.00	52.40 -0.74 0.00	49.24 -0.70 0.00	45.07 -0.59 0.00	43.75 -0.62 0.00	44.95 -0.55 0.00	60.52 -0.73 0.00	66.00 -0.47 0.00	61.95 -0.50 0.00	60.99 -0.74 0.00	60.31 -0.73 0.00	41.61 -0.25 0.00	41.44 -0.42 0.00	47.81 -0.83 0.00
CSC___481_PGEN 24222	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.60 1.60 0.00	45.30 2.28 0.00	54.46 2.74 0.00	61.83 3.36 -1.50	68.09 3.25 -7.81	71.82 3.50 -6.92	72.18 3.16 -14.54	70.93 3.03 -14.76	64.00 2.95 -11.11	64.08 2.65 -15.77	62.74 2.62 -15.75	64.37 2.59 -16.28	79.56 3.31 -15.00	89.79 4.72 -18.60	89.93 4.68 -22.80	80.06 4.75 -13.58	69.56 5.01 -3.51	58.06 3.52 -12.68	52.86 3.77 -7.23	51.80 3.16 0.00
DANSKAMMER___1 23586	48.51 2.09 0.00	44.99 1.77 0.00	44.59 1.76 0.00	42.64 1.60 0.00	42.48 1.48 0.00	44.96 1.94 0.00	53.79 2.07 0.00	59.65 2.68 0.00	59.82 2.79 0.00	64.47 3.07 0.00	57.26 2.78 0.00	55.80 2.66 0.00	52.54 2.60 0.00	47.99 2.33 0.00	46.72 2.35 0.00	47.82 2.32 0.00	64.43 3.18 0.00	69.73 3.26 0.00	65.39 2.94 0.00	64.75 3.02 0.00	64.21 3.17 0.00	44.37 2.51 0.00	44.66 2.80 0.00	51.46 2.82 0.00
DANSKAMMER___2 23589	48.51 2.09 0.00	44.99 1.77 0.00	44.59 1.76 0.00	42.64 1.60 0.00	42.48 1.48 0.00	44.96 1.94 0.00	53.79 2.07 0.00	59.65 2.68 0.00	59.82 2.79 0.00	64.47 3.07 0.00	57.26 2.78 0.00	55.80 2.66 0.00	52.54 2.60 0.00	47.99 2.33 0.00	46.72 2.35 0.00	47.82 2.32 0.00	64.43 3.18 0.00	69.73 3.26 0.00	65.39 2.94 0.00	64.75 3.02 0.00	64.21 3.17 0.00	44.37 2.51 0.00	44.66 2.80 0.00	51.46 2.82 0.00
DANSKAMMER___3 23590	48.51 2.09 0.00	44.99 1.77 0.00	44.59 1.76 0.00	42.64 1.60 0.00	42.48 1.48 0.00	44.96 1.94 0.00	53.79 2.07 0.00	59.65 2.68 0.00	59.82 2.79 0.00	64.47 3.07 0.00	57.26 2.78 0.00	55.80 2.66 0.00	52.54 2.60 0.00	47.99 2.33 0.00	46.72 2.35 0.00	47.82 2.32 0.00	64.43 3.18 0.00	69.73 3.26 0.00	65.39 2.94 0.00	64.75 3.02 0.00	64.21 3.17 0.00	44.37 2.51 0.00	44.66 2.80 0.00	51.46 2.82 0.00
DANSKAMMER___4 23591	48.42 2.00 0.00	44.91 1.69 0.00	44.46 1.63 0.00	42.52 1.48 0.00	42.35 1.35 0.00	44.83 1.81 0.00	53.63 1.91 0.00	59.48 2.51 0.00	59.71 2.68 0.00	64.29 2.89 0.00	57.10 2.62 0.00	55.69 2.55 0.00	52.39 2.45 0.00	47.90 2.24 0.00	46.59 2.22 0.00	47.68 2.18 0.00	64.25 3.00 0.00	69.46 2.99 0.00	65.14 2.69 0.00	64.51 2.78 0.00	64.03 2.99 0.00	44.25 2.39 0.00	44.58 2.72 0.00	51.46 2.82 0.00
DANSKAMMER___DIESEL 23592	48.51 2.09 0.00	44.99 1.77 0.00	44.59 1.76 0.00	42.64 1.60 0.00	42.48 1.48 0.00	44.96 1.94 0.00	53.79 2.07 0.00	59.65 2.68 0.00	59.82 2.79 0.00	64.47 3.07 0.00	57.26 2.78 0.00	55.80 2.66 0.00	52.54 2.60 0.00	47.99 2.33 0.00	46.72 2.35 0.00	47.82 2.32 0.00	64.43 3.18 0.00	69.73 3.26 0.00	65.39 2.94 0.00	64.75 3.02 0.00	64.21 3.17 0.00	44.37 2.51 0.00	44.66 2.80 0.00	51.46 2.82 0.00
DASHVILLE___HYD 23610	48.69 2.27 0.00	45.34 2.12 0.00	44.89 2.06 0.00	42.93 1.89 0.00	42.76 1.76 0.00	45.26 2.24 0.00	54.15 2.43 0.00	59.99 3.02 0.00	60.39 3.36 0.00	65.02 3.62 0.00	57.75 3.27 0.00	56.33 3.19 0.00	53.04 3.10 0.00	48.45 2.79 0.00	47.17 2.80 0.00	48.23 2.73 0.00	64.86 3.61 0.00	70.39 3.92 0.00	66.01 3.56 0.00	65.37 3.64 0.00	64.64 3.60 0.00	44.66 2.80 0.00	44.87 3.01 0.00	51.51 2.87 0.00
DOGLEVILLE___HYD 23807	47.63 1.21 0.00	44.34 1.12 0.00	43.94 1.11 0.00	42.11 1.07 0.00	42.07 1.07 0.00	44.27 1.25 0.00	52.86 1.14 0.00	58.28 1.31 0.00	58.63 1.60 0.00	63.06 1.66 0.00	56.01 1.53 0.00	54.57 1.43 0.00	51.29 1.35 0.00	46.85 1.19 0.00	45.52 1.15 0.00	46.68 1.18 0.00	62.84 1.59 0.00	68.46 1.99 0.00	64.26 1.81 0.00	63.46 1.73 0.00	62.81 1.77 0.00	43.45 1.59 0.00	43.28 1.42 0.00	50.05 1.41 0.00
DUNKIRK___1 23563	40.48 -5.94 0.00	37.95 -5.27 0.00	37.82 -5.01 0.00	36.28 -4.76 0.00	36.28 -4.72 0.00	38.29 -4.73 0.00	44.63 -7.09 0.00	50.48 -6.49 0.00	50.30 -6.73 0.00	54.28 -7.12 0.00	48.00 -6.48 0.00	46.71 -6.43 0.00	44.35 -5.59 0.00	40.59 -5.07 0.00	39.36 -5.01 0.00	40.95 -4.55 0.00	54.82 -6.43 0.00	60.29 -6.18 0.00	56.14 -6.31 0.00	54.88 -6.85 0.00	54.57 -6.47 0.00	37.51 -4.35 0.00	37.00 -4.86 0.00	41.88 -6.76 0.00
DUNKIRK___2 23564	40.48 -5.94 0.00	37.95 -5.27 0.00	37.82 -5.01 0.00	36.28 -4.76 0.00	36.28 -4.72 0.00	38.29 -4.73 0.00	44.63 -7.09 0.00	50.48 -6.49 0.00	50.30 -6.73 0.00	54.28 -7.12 0.00	48.00 -6.48 0.00	46.71 -6.43 0.00	44.35 -5.59 0.00	40.59 -5.07 0.00	39.36 -5.01 0.00	40.95 -4.55 0.00	54.82 -6.43 0.00	60.29 -6.18 0.00	56.14 -6.31 0.00	54.88 -6.85 0.00	54.57 -6.47 0.00	37.51 -4.35 0.00	37.00 -4.86 0.00	41.88 -6.76 0.00
DUNKIRK___3 23565	40.80 -5.62 0.00	38.21 -5.01 0.00	38.03 -4.80 0.00	36.48 -4.56 0.00	36.49 -4.51 0.00	38.55 -4.47 0.00	44.89 -6.83 0.00	50.93 -6.04 0.00	50.70 -6.33 0.00	54.65 -6.75 0.00	48.32 -6.16 0.00	47.08 -6.06 0.00	44.65 -5.29 0.00	40.91 -4.75 0.00	39.62 -4.75 0.00	41.18 -4.32 0.00	55.19 -6.06 0.00	60.62 -5.85 0.00	56.52 -5.93 0.00	55.25 -6.48 0.00	54.94 -6.10 0.00	37.76 -4.10 0.00	37.25 -4.61 0.00	42.22 -6.42 0.00
DUNKIRK___4 23566	40.80 -5.62 0.00	38.21 -5.01 0.00	38.03 -4.80 0.00	36.48 -4.56 0.00	36.49 -4.51 0.00	38.55 -4.47 0.00	44.89 -6.83 0.00	50.93 -6.04 0.00	50.70 -6.33 0.00	54.65 -6.75 0.00	48.32 -6.16 0.00	47.08 -6.06 0.00	44.65 -5.29 0.00	40.91 -4.75 0.00	39.62 -4.75 0.00	41.18 -4.32 0.00	55.19 -6.06 0.00	60.62 -5.85 0.00	56.52 -5.93 0.00	55.25 -6.48 0.00	54.94 -6.10 0.00	37.76 -4.10 0.00	37.25 -4.61 0.00	42.22 -6.42 0.00
EAST HAMPTON___GT 23717	50.41 3.99 0.00	47.02 3.80 0.00	46.34 3.51 0.00	44.28 3.24 0.00	43.83 2.83 0.00	46.85 3.83 0.00	56.89 5.17 0.00	64.45 5.98 -1.50	70.83 5.99 -7.81	75.01 6.69 -6.92	75.01 5.99 -14.54	73.69 5.79 -14.76	66.64 5.59 -11.11	66.50 5.07 -15.77	65.05 4.93 -15.75	66.74 4.96 -16.28	83.05 6.80 -15.00	94.04 8.97 -18.60	94.06 8.81 -22.80	83.89 8.58 -13.58	73.22 8.67 -3.51	60.44 5.90 -12.68	54.83 5.74 -7.23	53.65 5.01 0.00
EAST RIVER___6 23660	49.44 3.02 0.00	46.12 2.90 0.00	45.66 2.83 0.00	43.54 2.50 0.00	43.42 2.42 0.00	46.16 3.14 0.00	55.08 3.36 0.00	62.86 4.39 -1.50	69.46 4.62 -7.81	73.29 4.97 -6.92	73.49 4.47 -14.54	72.26 4.36 -14.76	65.15 4.10 -11.11	65.17 3.74 -15.77	63.80 3.68 -15.75	65.56 3.78 -16.28	81.39 5.14 -15.00	90.65 5.58 -18.60	90.31 5.06 -22.80	80.31 5.00 -13.58	69.49 4.94 -3.51	58.27 3.73 -12.68	52.98 3.89 -7.23	52.34 3.70 0.00
EAST RIVER___7 23524	49.44 3.02 0.00	46.12 2.90 0.00	45.66 2.83 0.00	43.54 2.50 0.00	43.42 2.42 0.00	46.16 3.14 0.00	55.08 3.36 0.00	62.86 4.39 -1.50	69.46 4.62 -7.81	73.29 4.97 -6.92	73.49 4.47 -14.54	72.26 4.36 -14.76	65.15 4.10 -11.11	65.17 3.74 -15.77	63.80 3.68 -15.75	65.56 3.78 -16.28	81.39 5.14 -15.00	90.65 5.58 -18.60	90.31 5.06 -22.80	80.31 5.00 -13.58	69.49 4.94 -3.51	58.27 3.73 -12.68	52.98 3.89 -7.23	52.34 3.70 0.00



EAST_HAMPTON___DIESEL 23722	50.41 3.99 0.00	47.02 3.80 0.00	46.34 3.51 0.00	44.28 3.24 0.00	43.83 2.83 0.00	46.85 3.83 0.00	56.89 5.17 0.00	64.45 5.98 -1.50	70.83 5.99 -7.81	75.01 6.69 -6.92	75.01 5.99 -14.54	73.69 5.79 -14.76	66.64 5.59 -11.11	66.50 5.07 -15.77	65.05 4.93 -15.75	66.74 4.96 -16.28	83.05 6.80 -15.00	94.04 8.97 -18.60	94.06 8.81 -22.80	83.89 8.58 -13.58	73.22 8.67 -3.51	60.44 5.90 -12.68	54.83 5.74 -7.23	53.65 5.01 0.00
ELEC_TRO_TEK 24086	49.21 2.79 0.00	45.86 2.64 0.00	45.31 2.48 0.00	43.34 2.30 0.00	43.05 2.05 0.00	45.69 2.67 0.00	54.72 3.00 0.00	62.17 3.70 -1.50	68.55 3.71 -7.81	72.43 4.11 -6.92	72.67 3.65 -14.54	71.46 3.56 -14.76	64.45 3.40 -11.11	64.54 3.11 -15.77	63.14 3.02 -15.75	64.83 3.05 -16.28	80.17 3.92 -15.00	90.06 4.99 -18.60	90.00 4.75 -22.80	80.00 4.69 -13.58	69.43 4.88 -3.51	58.10 3.56 -12.68	52.90 3.81 -7.23	52.14 3.50 0.00
E_CANADA_CAP_HY 24051	47.86 1.44 0.00	44.56 1.34 0.00	44.11 1.28 0.00	42.23 1.19 0.00	42.19 1.19 0.00	44.48 1.46 0.00	53.63 1.91 0.00	59.42 2.45 0.00	59.94 2.91 0.00	64.59 3.19 0.00	57.31 2.83 0.00	55.85 2.71 0.00	52.49 2.55 0.00	48.03 2.37 0.00	46.68 2.31 0.00	48.05 2.55 0.00	64.86 3.61 0.00	70.79 4.32 0.00	66.45 4.00 0.00	65.50 3.77 0.00	64.52 3.48 0.00	44.33 2.47 0.00	44.12 2.26 0.00	50.83 2.19 0.00
E_CANADA_MHWK_HY 24050	47.63 1.21 0.00	44.34 1.12 0.00	43.94 1.11 0.00	42.11 1.07 0.00	42.07 1.07 0.00	44.27 1.25 0.00	52.86 1.14 0.00	58.28 1.31 0.00	58.63 1.60 0.00	63.06 1.66 0.00	56.01 1.53 0.00	54.57 1.43 0.00	51.29 1.35 0.00	46.85 1.19 0.00	45.52 1.15 0.00	46.68 1.18 0.00	62.84 1.59 0.00	68.46 1.99 0.00	64.26 1.81 0.00	63.46 1.73 0.00	62.81 1.77 0.00	43.45 1.59 0.00	43.28 1.42 0.00	50.05 1.41 0.00
E_FISHKILL___LBMP 23776	48.60 2.18 0.00	45.25 2.03 0.00	44.84 2.01 0.00	42.85 1.81 0.00	42.72 1.72 0.00	45.17 2.15 0.00	54.00 2.28 0.00	61.38 2.91 -1.50	67.92 3.08 -7.81	71.70 3.38 -6.92	72.02 3.00 -14.54	70.82 2.92 -14.76	63.85 2.80 -11.11	63.94 2.51 -15.77	62.65 2.53 -15.75	64.33 2.55 -16.28	79.74 3.49 -15.00	88.93 3.86 -18.60	88.75 3.50 -22.80	78.77 3.46 -13.58	67.97 3.42 -3.51	57.22 2.68 -12.68	51.94 2.85 -7.23	51.36 2.72 0.00
FAR ROCKAWAY___4 23548	49.67 3.25 0.00	46.25 3.03 0.00	45.70 2.87 0.00	43.67 2.63 0.00	43.42 2.42 0.00	46.25 3.23 0.00	55.24 3.52 0.00	62.69 4.22 -1.50	69.06 4.22 -7.81	73.11 4.79 -6.92	73.16 4.14 -14.54	71.83 3.93 -14.76	64.90 3.85 -11.11	64.90 3.47 -15.77	63.49 3.37 -15.75	65.15 3.37 -16.28	80.54 4.29 -15.00	90.72 5.65 -18.60	90.68 5.43 -22.80	80.56 5.25 -13.58	70.10 5.55 -3.51	58.60 4.06 -12.68	53.23 4.73 -7.23	52.48 3.84 0.00
FENNER___WINDPWR 24204	46.33 -0.09 0.00	43.09 -0.13 0.00	42.70 -0.13 0.00	40.88 -0.16 0.00	40.88 -0.12 0.00	43.06 0.04 0.00	51.82 0.10 0.00	57.43 0.46 0.00	57.49 0.46 0.00	61.89 0.49 0.00	54.97 0.49 0.00	53.57 0.43 0.00	50.29 0.35 0.00	45.98 0.32 0.00	44.68 0.31 0.00	45.86 0.36 0.00	61.86 0.61 0.00	67.53 1.06 0.00	63.39 0.94 0.00	62.47 0.74 0.00	61.65 0.61 0.00	42.32 0.46 0.00	42.15 0.29 0.00	48.69 0.05 0.00
FIBERTEK___ENERGY 23856	45.45 -0.97 0.00	42.44 -0.78 0.00	42.06 -0.77 0.00	40.26 -0.78 0.00	40.26 -0.74 0.00	42.33 -0.69 0.00	50.58 -1.14 0.00	56.12 -0.85 0.00	56.23 -0.80 0.00	60.54 -0.86 0.00	53.77 -0.71 0.00	52.40 -0.74 0.00	49.24 -0.70 0.00	45.07 -0.59 0.00	43.75 -0.62 0.00	44.95 -0.55 0.00	60.52 -0.73 0.00	66.00 -0.47 0.00	61.95 -0.50 0.00	60.99 -0.74 0.00	60.31 -0.73 0.00	41.61 -0.25 0.00	41.44 -0.42 0.00	47.81 -0.83 0.00
FITZPATRICK____ 23598	45.12 -1.30 0.00	42.01 -1.21 0.00	41.63 -1.20 0.00	39.89 -1.15 0.00	39.85 -1.15 0.00	41.82 -1.20 0.00	49.96 -1.76 0.00	55.37 -1.60 0.00	55.38 -1.65 0.00	59.62 -1.78 0.00	52.90 -1.58 0.00	51.60 -1.54 0.00	48.49 -1.45 0.00	44.34 -1.32 0.00	43.08 -1.29 0.00	44.23 -1.27 0.00	59.47 -1.78 0.00	64.74 -1.73 0.00	60.76 -1.69 0.00	59.94 -1.79 0.00	59.33 -1.71 0.00	40.77 -1.09 0.00	40.73 -1.13 0.00	47.23 -1.41 0.00
FORT ORANGE____ 23900	47.39 0.97 0.00	44.17 0.95 0.00	43.73 0.90 0.00	41.86 0.82 0.00	41.78 0.78 0.00	44.10 1.08 0.00	52.91 1.19 0.00	58.39 1.42 0.00	58.57 1.54 0.00	63.12 1.72 0.00	56.01 1.53 0.00	54.63 1.49 0.00	51.34 1.40 0.00	46.89 1.23 0.00	45.61 1.24 0.00	46.77 1.27 0.00	63.03 1.78 0.00	68.60 2.13 0.00	64.39 1.94 0.00	63.58 1.85 0.00	62.81 1.77 0.00	43.28 1.42 0.00	43.28 1.42 0.00	50.00 1.36 0.00
FORT_DRUM_COGEN 23780	45.86 -0.56 0.00	42.57 -0.65 0.00	42.10 -0.73 0.00	40.34 -0.70 0.00	40.39 -0.61 0.00	42.55 -0.47 0.00	51.82 0.10 0.00	57.37 0.40 0.00	57.37 0.34 0.00	63.12 1.72 0.00	55.95 1.47 0.00	54.52 1.38 0.00	51.09 1.15 0.00	46.71 1.05 0.00	45.30 0.93 0.00	46.46 0.96 0.00	63.21 1.96 0.00	69.20 2.73 0.00	65.14 2.69 0.00	64.01 2.28 0.00	62.87 1.83 0.00	42.61 0.75 0.00	42.07 0.21 0.00	48.59 -0.05 0.00
FPL_FAR_ROCK_GT1 24212	49.67 3.25 0.00	46.25 3.03 0.00	45.70 2.87 0.00	43.67 2.63 0.00	43.42 2.42 0.00	46.25 3.23 0.00	55.24 3.52 0.00	62.69 4.22 -1.50	69.06 4.22 -7.81	73.11 4.79 -6.92	73.16 4.14 -14.54	71.83 3.93 -14.76	64.90 3.85 -11.11	64.90 3.47 -15.77	63.49 3.37 -15.75	65.15 3.37 -16.28	80.54 4.29 -15.00	90.72 5.65 -18.60	90.68 5.43 -22.80	80.56 5.25 -13.58	70.10 5.55 -3.51	58.60 4.06 -12.68	53.23 4.73 -7.23	52.48 3.84 0.00
FRANKLIN_FALL_HYD 24054	46.10 -0.32 0.00	42.79 -0.43 0.00	42.40 -0.43 0.00	40.71 -0.33 0.00	40.71 -0.29 0.00	42.50 -0.52 0.00	52.08 0.36 0.00	56.86 -0.11 0.00	56.69 -0.34 0.00	61.03 -0.37 0.00	54.15 -0.33 0.00	52.98 -0.16 0.00	49.79 -0.15 0.00	45.52 -0.14 0.00	44.19 -0.18 0.00	45.04 -0.46 0.00	60.76 -0.49 0.00	65.61 -0.86 0.00	61.83 -0.62 0.00	61.11 -0.62 0.00	60.43 -0.61 0.00	40.81 -1.05 0.00	40.81 -1.05 0.00	47.81 -0.83 0.00
FULTON COGEN____ 23766	45.54 -0.88 0.00	42.44 -0.78 0.00	42.06 -0.77 0.00	40.26 -0.78 0.00	40.26 -0.74 0.00	42.29 -0.73 0.00	50.12 -1.60 0.00	55.55 -1.42 0.00	55.66 -1.37 0.00	59.93 -1.47 0.00	53.17 -1.31 0.00	51.81 -1.33 0.00	48.69 -1.25 0.00	44.56 -1.10 0.00	43.26 -1.11 0.00	44.45 -1.05 0.00	59.84 -1.41 0.00	65.21 -1.26 0.00	61.20 -1.25 0.00	60.37 -1.36 0.00	59.64 -1.40 0.00	41.53 -0.33 0.00	41.40 -0.46 0.00	47.91 -0.73 0.00
G.F.CEMENT___DRP 24184	47.39 0.97 0.00	44.13 0.91 0.00	43.64 0.81 0.00	41.78 0.74 0.00	41.74 0.74 0.00	44.18 1.16 0.00	52.75 1.03 0.00	57.94 0.97 0.00	58.23 1.20 0.00	62.69 1.29 0.00	55.62 1.14 0.00	54.26 1.12 0.00	50.94 1.00 0.00	46.57 0.91 0.00	45.26 0.89 0.00	46.46 0.96 0.00	62.78 1.53 0.00	68.46 1.99 0.00	64.20 1.75 0.00	63.40 1.67 0.00	62.57 1.53 0.00	43.49 1.63 0.00	43.28 1.42 0.00	50.20 1.56 0.00
GARDENVILLE___LBMP 24039	41.78 -4.64 0.00	38.98 -4.24 0.00	38.76 -4.07 0.00	37.18 -3.86 0.00	37.19 -3.81 0.00	39.36 -3.66 0.00	45.51 -6.21 0.00	52.01 -4.96 0.00	51.78 -5.25 0.00	55.81 -5.59 0.00	49.25 -5.23 0.00	47.99 -5.15 0.00	45.49 -4.45 0.00	41.69 -3.97 0.00	40.42 -3.95 0.00	41.81 -3.69 0.00	56.11 -5.14 0.00	61.55 -4.92 0.00	57.52 -4.93 0.00	56.24 -5.49 0.00	56.03 -5.01 0.00	38.55 -3.31 0.00	38.01 -3.85 0.00	42.95 -5.69 0.00



GENERAL___MILLS 23808	41.87 -4.55 0.00	39.07 -4.15 0.00	38.85 -3.98 0.00	37.26 -3.78 0.00	37.27 -3.73 0.00	39.45 -3.57 0.00	45.67 -6.05 0.00	52.18 -4.79 0.00	51.95 -5.08 0.00	56.00 -5.40 0.00	49.41 -5.07 0.00	48.14 -5.00 0.00	45.64 -4.30 0.00	41.82 -3.84 0.00	40.55 -3.82 0.00	41.95 -3.55 0.00	56.29 -4.96 0.00	61.75 -4.72 0.00	57.70 -4.75 0.00	56.42 -5.31 0.00	56.22 -4.82 0.00	38.64 -3.22 0.00	38.09 -3.77 0.00	43.05 -5.59 0.00
GE_PLASTICS___DRP 24183	46.98 0.56 0.00	43.83 0.61 0.00	43.39 0.56 0.00	41.53 0.49 0.00	41.45 0.45 0.00	43.67 0.65 0.00	52.34 0.62 0.00	57.77 0.80 0.00	57.94 0.91 0.00	62.44 1.04 0.00	55.41 0.93 0.00	53.99 0.85 0.00	50.74 0.80 0.00	46.39 0.73 0.00	45.12 0.75 0.00	46.27 0.77 0.00	62.23 0.98 0.00	67.73 1.26 0.00	63.51 1.06 0.00	62.78 1.05 0.00	62.02 0.98 0.00	42.78 0.92 0.00	42.78 0.92 0.00	49.47 0.83 0.00
GILBOA___1 23756	47.30 0.88 0.00	44.43 1.21 0.00	44.03 1.20 0.00	42.11 1.07 0.00	42.02 1.02 0.00	43.97 0.95 0.00	52.65 0.93 0.00	58.22 1.25 0.00	58.46 1.43 0.00	62.94 1.54 0.00	55.90 1.42 0.00	54.47 1.33 0.00	51.19 1.25 0.00	46.80 1.14 0.00	45.52 1.15 0.00	46.68 1.18 0.00	62.72 1.47 0.00	68.13 1.66 0.00	63.95 1.50 0.00	63.21 1.48 0.00	62.44 1.40 0.00	43.16 1.30 0.00	43.20 1.34 0.00	49.86 1.22 0.00
GILBOA___2 23757	47.30 0.88 0.00	44.21 0.99 0.00	43.82 0.99 0.00	41.94 0.90 0.00	41.86 0.86 0.00	43.97 0.95 0.00	52.65 0.93 0.00	58.22 1.25 0.00	58.46 1.43 0.00	62.94 1.54 0.00	55.90 1.42 0.00	54.47 1.33 0.00	51.19 1.25 0.00	46.80 1.14 0.00	45.52 1.15 0.00	46.68 1.18 0.00	62.72 1.47 0.00	68.13 1.66 0.00	63.95 1.50 0.00	63.21 1.48 0.00	62.44 1.40 0.00	43.16 1.30 0.00	43.20 1.34 0.00	49.86 1.22 0.00
GILBOA___3 23758	47.30 0.88 0.00	44.21 0.99 0.00	43.82 0.99 0.00	41.94 0.90 0.00	41.86 0.86 0.00	43.97 0.95 0.00	52.65 0.93 0.00	58.22 1.25 0.00	58.46 1.43 0.00	62.94 1.54 0.00	55.90 1.42 0.00	54.47 1.33 0.00	51.19 1.25 0.00	46.80 1.14 0.00	45.52 1.15 0.00	46.68 1.18 0.00	62.54 1.29 0.00	67.93 1.46 0.00	63.76 1.31 0.00	62.96 1.23 0.00	62.26 1.22 0.00	43.16 1.30 0.00	43.20 1.34 0.00	49.86 1.22 0.00
GILBOA___4 23759	47.30 0.88 0.00	44.21 0.99 0.00	43.82 0.99 0.00	41.94 0.90 0.00	41.86 0.86 0.00	43.97 0.95 0.00	52.65 0.93 0.00	58.22 1.25 0.00	58.46 1.43 0.00	62.94 1.54 0.00	55.90 1.42 0.00	54.47 1.33 0.00	51.19 1.25 0.00	46.80 1.14 0.00	45.52 1.15 0.00	46.68 1.18 0.00	62.72 1.47 0.00	68.13 1.66 0.00	63.95 1.50 0.00	63.21 1.48 0.00	62.44 1.40 0.00	43.16 1.30 0.00	43.20 1.34 0.00	49.86 1.22 0.00
GILBOA___ 23599	47.30 0.88 0.00	44.21 0.99 0.00	43.82 0.99 0.00	41.94 0.90 0.00	41.86 0.86 0.00	43.97 0.95 0.00	52.65 0.93 0.00	58.22 1.25 0.00	58.46 1.43 0.00	62.94 1.54 0.00	55.90 1.42 0.00	54.47 1.33 0.00	51.19 1.25 0.00	46.80 1.14 0.00	45.52 1.15 0.00	46.68 1.18 0.00	62.72 1.47 0.00	68.13 1.66 0.00	63.95 1.50 0.00	63.21 1.48 0.00	62.44 1.40 0.00	43.16 1.30 0.00	43.20 1.34 0.00	49.86 1.22 0.00
GINNA___ 23603	41.41 -5.01 0.00	38.60 -4.62 0.00	38.29 -4.54 0.00	36.65 -4.39 0.00	36.65 -4.35 0.00	39.02 -4.00 0.00	46.50 -5.22 0.00	52.24 -4.73 0.00	51.78 -5.25 0.00	55.75 -5.65 0.00	49.41 -5.07 0.00	48.14 -5.00 0.00	45.30 -4.64 0.00	41.41 -4.25 0.00	40.20 -4.17 0.00	41.36 -4.14 0.00	55.62 -5.63 0.00	60.82 -5.65 0.00	57.02 -5.43 0.00	56.17 -5.56 0.00	55.67 -5.37 0.00	38.30 -3.56 0.00	37.88 -3.98 0.00	43.19 -5.45 0.00
GLEN PARK___ 23778	46.23 -0.19 0.00	42.87 -0.35 0.00	42.44 -0.39 0.00	40.63 -0.41 0.00	40.71 -0.29 0.00	42.89 -0.13 0.00	52.19 0.47 0.00	57.88 0.91 0.00	58.00 0.97 0.00	64.10 2.70 0.00	56.77 2.29 0.00	55.32 2.18 0.00	51.84 1.90 0.00	47.40 1.74 0.00	45.97 1.60 0.00	47.18 1.68 0.00	64.19 2.94 0.00	70.39 3.92 0.00	66.26 3.81 0.00	65.06 3.33 0.00	63.91 2.87 0.00	43.24 1.38 0.00	42.66 0.80 0.00	49.13 0.49 0.00
GLENWOOD_IC_1_G5 23712	49.25 2.83 0.00	45.94 2.72 0.00	45.44 2.61 0.00	43.42 2.38 0.00	43.21 2.21 0.00	45.82 2.80 0.00	54.77 3.05 0.00	62.23 3.76 -1.50	68.66 3.82 -7.81	72.56 4.24 -6.92	72.78 3.76 -14.54	71.51 3.61 -14.76	64.55 3.50 -11.11	64.63 3.20 -15.77	63.23 3.11 -15.75	64.92 3.14 -16.28	80.11 3.86 -15.00	89.79 4.72 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	69.07 4.52 -3.51	57.97 3.43 -12.68	53.03 3.94 -7.23	52.29 3.65 0.00
GLENWOOD_IC_2_G1 23688	49.21 2.79 0.00	45.86 2.64 0.00	45.36 2.53 0.00	43.38 2.34 0.00	43.17 2.17 0.00	45.77 2.75 0.00	54.72 3.00 0.00	62.23 3.76 -1.50	68.72 3.88 -7.81	72.62 4.30 -6.92	72.83 3.81 -14.54	71.57 3.67 -14.76	64.60 3.55 -11.11	64.63 3.20 -15.77	63.27 3.15 -15.75	64.97 3.19 -16.28	80.48 4.23 -15.00	89.99 4.92 -18.60	89.87 4.62 -22.80	79.88 4.57 -13.58	69.13 4.58 -3.51	58.01 3.47 -12.68	52.77 3.68 -7.23	52.09 3.45 0.00
GLENWOOD_IC_3_G1 23689	49.21 2.79 0.00	45.86 2.64 0.00	45.36 2.53 0.00	43.38 2.34 0.00	43.17 2.17 0.00	45.77 2.75 0.00	54.72 3.00 0.00	62.23 3.76 -1.50	68.72 3.88 -7.81	72.62 4.30 -6.92	72.83 3.81 -14.54	71.57 3.67 -14.76	64.60 3.55 -11.11	64.63 3.20 -15.77	63.27 3.15 -15.75	64.97 3.19 -16.28	80.48 4.23 -15.00	89.99 4.92 -18.60	89.87 4.62 -22.80	79.88 4.57 -13.58	69.13 4.58 -3.51	58.01 3.47 -12.68	52.77 3.68 -7.23	52.09 3.45 0.00
GLENWOOD___4 23550	49.25 2.83 0.00	45.94 2.72 0.00	45.44 2.61 0.00	43.42 2.38 0.00	43.21 2.21 0.00	45.82 2.80 0.00	54.77 3.05 0.00	62.23 3.76 -1.50	68.66 3.82 -7.81	72.56 4.24 -6.92	72.78 3.76 -14.54	71.51 3.61 -14.76	64.55 3.50 -11.11	64.58 3.15 -15.77	63.23 3.11 -15.75	64.92 3.14 -16.28	80.17 3.92 -15.00	89.79 4.72 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	69.07 4.52 -3.51	57.97 3.43 -12.68	53.03 3.94 -7.23	52.29 3.65 0.00
GLENWOOD___5 23614	49.25 2.83 0.00	45.94 2.72 0.00	45.44 2.61 0.00	43.42 2.38 0.00	43.21 2.21 0.00	45.82 2.80 0.00	54.77 3.05 0.00	62.23 3.76 -1.50	68.66 3.82 -7.81	72.56 4.24 -6.92	72.78 3.76 -14.54	71.51 3.61 -14.76	64.55 3.50 -11.11	64.58 3.15 -15.77	63.23 3.11 -15.75	64.92 3.14 -16.28	80.17 3.92 -15.00	89.79 4.72 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	69.07 4.52 -3.51	57.97 3.43 -12.68	53.03 3.94 -7.23	52.29 3.65 0.00
GOUDEY___7 23579	44.89 -1.53 0.00	41.92 -1.30 0.00	41.59 -1.24 0.00	39.85 -1.19 0.00	39.77 -1.23 0.00	41.86 -1.16 0.00	50.06 -1.66 0.00	55.77 -1.20 0.00	56.00 -1.03 0.00	60.36 -1.04 0.00	53.55 -0.93 0.00	52.18 -0.96 0.00	49.04 -0.90 0.00	44.84 -0.82 0.00	43.53 -0.84 0.00	44.95 -0.55 0.00	60.45 -0.80 0.00	66.00 -0.47 0.00	61.76 -0.69 0.00	60.74 -0.99 0.00	60.00 -1.04 0.00	41.27 -0.59 0.00	41.11 -0.75 0.00	47.28 -1.36 0.00
GOUDEY___8 23580	44.66 -1.76 0.00	41.71 -1.51 0.00	41.37 -1.46 0.00	39.64 -1.40 0.00	39.61 -1.39 0.00	41.64 -1.38 0.00	49.81 -1.91 0.00	55.49 -1.48 0.00	55.72 -1.31 0.00	60.05 -1.35 0.00	53.28 -1.20 0.00	51.92 -1.22 0.00	48.79 -1.15 0.00	44.61 -1.05 0.00	43.31 -1.06 0.00	44.68 -0.82 0.00	60.15 -1.10 0.00	65.61 -0.86 0.00	61.39 -1.06 0.00	60.43 -1.30 0.00	59.70 -1.34 0.00	41.06 -0.80 0.00	40.90 -0.96 0.00	47.03 -1.61 0.00



GOWANUS_GT_1_GRP 23732	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT_2_GRP 23617	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT_3_GRP 23618	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT_4_GRP 23751	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT1_1 24077	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT1_2 24078	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT1_3 24079	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT1_4 24080	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT1_5 24084	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT1_6 24111	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT1_7 24112	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT1_8 24113	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT2_1 24114	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT2_2 24115	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT2_3 24116	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT2_4 24117	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00



GOWANUS_GT2_5 24118	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT2_6 24119	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT2_7 24120	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT2_8 24121	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT3_1 24122	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT3_2 24123	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT3_3 24124	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT3_4 24125	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT3_5 24126	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT3_6 24127	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT3_7 24128	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT3_8 24129	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT4_1 24130	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT4_2 24131	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT4_3 24132	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT4_4 24133	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00



GOWANUS_GT4_5 24134	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT4_6 24135	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT4_7 24136	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GOWANUS_GT4_8 24137	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
GRAHMSVILLE___HY 23607	48.04 1.62 0.00	44.73 1.51 0.00	44.33 1.50 0.00	42.39 1.35 0.00	42.27 1.27 0.00	44.61 1.59 0.00	53.43 1.71 0.00	59.19 2.22 0.00	59.54 2.51 0.00	64.16 2.76 0.00	56.93 2.45 0.00	55.53 2.39 0.00	52.29 2.35 0.00	47.76 2.10 0.00	46.50 2.13 0.00	47.55 2.05 0.00	64.07 2.82 0.00	69.73 3.26 0.00	65.39 2.94 0.00	64.69 2.96 0.00	63.85 2.81 0.00	44.00 2.14 0.00	44.04 2.18 0.00	50.59 1.95 0.00
GREENIDGE___3 23582	42.71 -3.71 0.00	39.85 -3.37 0.00	39.53 -3.30 0.00	37.88 -3.16 0.00	37.84 -3.16 0.00	40.01 -3.01 0.00	47.53 -4.19 0.00	52.98 -3.99 0.00	52.01 -5.02 0.00	56.00 -5.40 0.00	49.69 -4.79 0.00	48.41 -4.73 0.00	46.19 -3.75 0.00	42.24 -3.42 0.00	41.00 -3.37 0.00	42.36 -3.14 0.00	56.90 -4.35 0.00	62.28 -4.19 0.00	58.27 -4.18 0.00	57.16 -4.57 0.00	56.58 -4.46 0.00	38.97 -2.89 0.00	38.59 -3.27 0.00	44.17 -4.47 0.00
GREENIDGE___4 23583	42.71 -3.71 0.00	39.85 -3.37 0.00	39.53 -3.30 0.00	37.88 -3.16 0.00	37.88 -3.12 0.00	40.01 -3.01 0.00	47.53 -4.19 0.00	53.04 -3.93 0.00	52.07 -4.96 0.00	56.06 -5.34 0.00	49.74 -4.74 0.00	48.46 -4.68 0.00	46.24 -3.70 0.00	42.28 -3.38 0.00	41.04 -3.33 0.00	42.41 -3.09 0.00	56.90 -4.35 0.00	62.28 -4.19 0.00	58.27 -4.18 0.00	57.22 -4.51 0.00	56.64 -4.40 0.00	39.01 -2.85 0.00	38.64 -3.22 0.00	44.21 -4.43 0.00
HARZA MOOSE___RIVER 24016	46.56 0.14 0.00	43.31 0.09 0.00	42.87 0.04 0.00	41.08 0.04 0.00	41.08 0.08 0.00	43.28 0.26 0.00	52.24 0.52 0.00	57.77 0.80 0.00	57.89 0.86 0.00	62.51 1.11 0.00	55.46 0.98 0.00	54.04 0.90 0.00	50.79 0.85 0.00	46.44 0.78 0.00	45.08 0.71 0.00	46.27 0.77 0.00	62.47 1.22 0.00	68.13 1.66 0.00	64.01 1.56 0.00	63.09 1.36 0.00	62.26 1.22 0.00	42.57 0.71 0.00	42.36 0.50 0.00	49.03 0.39 0.00
HEMPSTEAD____ 23647	49.16 2.74 0.00	45.86 2.64 0.00	45.31 2.48 0.00	43.30 2.26 0.00	43.05 2.05 0.00	45.69 2.67 0.00	54.72 3.00 0.00	62.12 3.65 -1.50	68.49 3.65 -7.81	72.37 4.05 -6.92	72.62 3.60 -14.54	71.35 3.45 -14.76	64.40 3.35 -11.11	64.49 3.06 -15.77	63.09 2.97 -15.75	64.78 3.00 -16.28	80.05 3.80 -15.00	89.92 4.85 -18.60	89.93 4.68 -22.80	79.88 4.57 -13.58	69.31 4.76 -3.51	58.06 3.52 -12.68	52.90 3.81 -7.23	52.14 3.50 0.00
HICKLING___1 23621	44.66 -1.76 0.00	41.71 -1.51 0.00	41.46 -1.37 0.00	39.69 -1.35 0.00	39.69 -1.31 0.00	41.90 -1.12 0.00	50.01 -1.71 0.00	56.23 -0.74 0.00	55.49 -1.54 0.00	59.86 -1.54 0.00	53.12 -1.36 0.00	51.71 -1.43 0.00	49.79 -0.15 0.00	45.57 -0.09 0.00	44.19 -0.18 0.00	45.86 0.36 0.00	61.74 0.49 0.00	67.80 1.33 0.00	63.26 0.81 0.00	61.92 0.19 0.00	61.16 0.12 0.00	41.90 0.04 0.00	41.44 -0.42 0.00	47.33 -1.31 0.00
HICKLING___2 23622	44.66 -1.76 0.00	41.71 -1.51 0.00	41.46 -1.37 0.00	39.69 -1.35 0.00	39.69 -1.31 0.00	41.90 -1.12 0.00	50.01 -1.71 0.00	56.23 -0.74 0.00	55.49 -1.54 0.00	59.86 -1.54 0.00	53.12 -1.36 0.00	51.71 -1.43 0.00	49.79 -0.15 0.00	45.57 -0.09 0.00	44.19 -0.18 0.00	45.86 0.36 0.00	61.74 0.49 0.00	67.80 1.33 0.00	63.26 0.81 0.00	61.92 0.19 0.00	61.16 0.12 0.00	41.90 0.04 0.00	41.44 -0.42 0.00	47.33 -1.31 0.00
HIGH FALLS___HY 23754	48.56 2.14 0.00	45.21 1.99 0.00	44.76 1.93 0.00	42.80 1.76 0.00	42.68 1.68 0.00	45.08 2.06 0.00	54.00 2.28 0.00	59.82 2.85 0.00	60.45 3.42 0.00	65.15 3.75 0.00	57.80 3.32 0.00	56.38 3.24 0.00	53.14 3.20 0.00	48.54 2.88 0.00	47.25 2.88 0.00	48.28 2.78 0.00	64.99 3.74 0.00	70.66 4.19 0.00	66.20 3.75 0.00	65.62 3.89 0.00	64.76 3.72 0.00	44.66 2.80 0.00	44.75 2.89 0.00	51.36 2.72 0.00
HILLBURN___GT 23639	48.42 2.00 0.00	45.12 1.90 0.00	44.71 1.88 0.00	42.72 1.68 0.00	42.56 1.56 0.00	45.08 2.06 0.00	53.84 2.12 0.00	59.76 2.79 0.00	60.28 3.25 0.00	64.90 3.50 0.00	57.64 3.16 0.00	56.22 3.08 0.00	52.89 2.95 0.00	48.35 2.69 0.00	47.03 2.66 0.00	48.14 2.64 0.00	64.92 3.67 0.00	70.52 4.05 0.00	66.13 3.68 0.00	65.43 3.70 0.00	64.64 3.60 0.00	44.66 2.80 0.00	44.87 3.01 0.00	51.36 2.72 0.00
HOLTSVIL 1-5___GRP1 24031	48.65 2.23 0.00	45.51 2.29 0.00	44.93 2.10 0.00	42.93 1.89 0.00	42.43 1.43 0.00	45.13 2.11 0.00	54.10 2.38 0.00	61.43 2.96 -1.50	67.63 2.79 -7.81	71.39 3.07 -6.92	71.74 2.72 -14.54	70.50 2.60 -14.76	63.60 2.55 -11.11	63.76 2.33 -15.77	62.38 2.26 -15.75	64.01 2.23 -16.28	79.07 2.82 -15.00	89.12 4.05 -18.60	89.31 4.06 -22.80	79.51 4.20 -13.58	69.01 4.46 -3.51	57.68 3.14 -12.68	52.65 3.56 -7.23	51.66 3.02 0.00
HOLTSVIL6-10___GRP2 24032	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.56 1.56 0.00	45.26 2.24 0.00	54.36 2.64 0.00	61.66 3.19 -1.50	67.98 3.14 -7.81	71.70 3.38 -6.92	72.07 3.05 -14.54	70.82 2.92 -14.76	63.90 2.85 -11.11	63.99 2.56 -15.77	62.65 2.53 -15.75	64.24 2.46 -16.28	79.25 3.00 -15.00	89.19 4.12 -18.60	89.43 4.18 -22.80	79.88 4.57 -13.58	69.43 4.88 -3.51	57.93 3.39 -12.68	52.90 3.81 -7.23	51.85 3.21 0.00
HOLTSVILLE_IC_1 23690	48.65 2.23 0.00	45.51 2.29 0.00	44.93 2.10 0.00	42.93 1.89 0.00	42.43 1.43 0.00	45.13 2.11 0.00	54.10 2.38 0.00	61.43 2.96 -1.50	67.63 2.79 -7.81	71.39 3.07 -6.92	71.74 2.72 -14.54	70.50 2.60 -14.76	63.60 2.55 -11.11	63.76 2.33 -15.77	62.38 2.26 -15.75	64.01 2.23 -16.28	79.07 2.82 -15.00	89.12 4.05 -18.60	89.31 4.06 -22.80	79.51 4.20 -13.58	69.01 4.46 -3.51	57.68 3.14 -12.68	52.65 3.56 -7.23	51.66 3.02 0.00



HOLTSVILLE_IC_10 23699	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.56 1.56 0.00	45.26 2.24 0.00	54.36 2.64 0.00	61.66 3.19 -1.50	67.98 3.14 -7.81	71.70 3.38 -6.92	72.07 3.05 -14.54	70.82 2.92 -14.76	63.90 2.85 -11.11	63.99 2.56 -15.77	62.65 2.53 -15.75	64.24 2.46 -16.28	79.25 3.00 -15.00	89.19 4.12 -18.60	89.43 4.18 -22.80	79.88 4.57 -13.58	69.43 4.88 -3.51	57.93 3.39 -12.68	52.90 3.81 -7.23	51.85 3.21 0.00
HOLTSVILLE_IC_2 23691	48.65 2.23 0.00	45.51 2.29 0.00	44.93 2.10 0.00	42.93 1.89 0.00	42.43 1.43 0.00	45.13 2.11 0.00	54.10 2.38 0.00	61.43 2.96 -1.50	67.63 2.79 -7.81	71.39 3.07 -6.92	71.74 2.72 -14.54	70.50 2.60 -14.76	63.60 2.55 -11.11	63.76 2.33 -15.77	62.38 2.26 -15.75	64.01 2.23 -16.28	79.07 2.82 -15.00	89.12 4.05 -18.60	89.31 4.06 -22.80	79.51 4.20 -13.58	69.01 4.46 -3.51	57.68 3.14 -12.68	52.65 3.56 -7.23	51.66 3.02 0.00
HOLTSVILLE_IC_3 23692	48.65 2.23 0.00	45.51 2.29 0.00	44.93 2.10 0.00	42.93 1.89 0.00	42.43 1.43 0.00	45.13 2.11 0.00	54.10 2.38 0.00	61.43 2.96 -1.50	67.63 2.79 -7.81	71.39 3.07 -6.92	71.74 2.72 -14.54	70.50 2.60 -14.76	63.60 2.55 -11.11	63.76 2.33 -15.77	62.38 2.26 -15.75	64.01 2.23 -16.28	79.07 2.82 -15.00	89.12 4.05 -18.60	89.31 4.06 -22.80	79.51 4.20 -13.58	69.01 4.46 -3.51	57.68 3.14 -12.68	52.65 3.56 -7.23	51.66 3.02 0.00
HOLTSVILLE_IC_4 23693	48.65 2.23 0.00	45.51 2.29 0.00	44.93 2.10 0.00	42.93 1.89 0.00	42.43 1.43 0.00	45.13 2.11 0.00	54.10 2.38 0.00	61.43 2.96 -1.50	67.63 2.79 -7.81	71.39 3.07 -6.92	71.74 2.72 -14.54	70.50 2.60 -14.76	63.60 2.55 -11.11	63.76 2.33 -15.77	62.38 2.26 -15.75	64.01 2.23 -16.28	79.07 2.82 -15.00	89.12 4.05 -18.60	89.31 4.06 -22.80	79.51 4.20 -13.58	69.01 4.46 -3.51	57.68 3.14 -12.68	52.65 3.56 -7.23	51.66 3.02 0.00
HOLTSVILLE_IC_5 23694	48.65 2.23 0.00	45.51 2.29 0.00	44.93 2.10 0.00	42.93 1.89 0.00	42.43 1.43 0.00	45.13 2.11 0.00	54.10 2.38 0.00	61.43 2.96 -1.50	67.63 2.79 -7.81	71.39 3.07 -6.92	71.74 2.72 -14.54	70.50 2.60 -14.76	63.60 2.55 -11.11	63.76 2.33 -15.77	62.38 2.26 -15.75	64.01 2.23 -16.28	79.07 2.82 -15.00	89.12 4.05 -18.60	89.31 4.06 -22.80	79.51 4.20 -13.58	69.01 4.46 -3.51	57.68 3.14 -12.68	52.65 3.56 -7.23	51.66 3.02 0.00
HOLTSVILLE_IC_6 23695	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.56 1.56 0.00	45.26 2.24 0.00	54.36 2.64 0.00	61.66 3.19 -1.50	67.98 3.14 -7.81	71.70 3.38 -6.92	72.07 3.05 -14.54	70.82 2.92 -14.76	63.90 2.85 -11.11	63.99 2.56 -15.77	62.65 2.53 -15.75	64.24 2.46 -16.28	79.25 3.00 -15.00	89.19 4.12 -18.60	89.43 4.18 -22.80	79.88 4.57 -13.58	69.43 4.88 -3.51	57.93 3.39 -12.68	52.90 3.81 -7.23	51.85 3.21 0.00
HOLTSVILLE_IC_7 23696	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.56 1.56 0.00	45.26 2.24 0.00	54.36 2.64 0.00	61.66 3.19 -1.50	67.98 3.14 -7.81	71.70 3.38 -6.92	72.07 3.05 -14.54	70.82 2.92 -14.76	63.90 2.85 -11.11	63.99 2.56 -15.77	62.65 2.53 -15.75	64.24 2.46 -16.28	79.25 3.00 -15.00	89.19 4.12 -18.60	89.43 4.18 -22.80	79.88 4.57 -13.58	69.43 4.88 -3.51	57.93 3.39 -12.68	52.90 3.81 -7.23	51.85 3.21 0.00
HOLTSVILLE_IC_8 23697	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.56 1.56 0.00	45.26 2.24 0.00	54.36 2.64 0.00	61.66 3.19 -1.50	67.98 3.14 -7.81	71.70 3.38 -6.92	72.07 3.05 -14.54	70.82 2.92 -14.76	63.90 2.85 -11.11	63.99 2.56 -15.77	62.65 2.53 -15.75	64.24 2.46 -16.28	79.25 3.00 -15.00	89.19 4.12 -18.60	89.43 4.18 -22.80	79.88 4.57 -13.58	69.43 4.88 -3.51	57.93 3.39 -12.68	52.90 3.81 -7.23	51.85 3.21 0.00
HOLTSVILLE_IC_9 23698	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.56 1.56 0.00	45.26 2.24 0.00	54.36 2.64 0.00	61.66 3.19 -1.50	67.98 3.14 -7.81	71.70 3.38 -6.92	72.07 3.05 -14.54	70.82 2.92 -14.76	63.90 2.85 -11.11	63.99 2.56 -15.77	62.65 2.53 -15.75	64.24 2.46 -16.28	79.25 3.00 -15.00	89.19 4.12 -18.60	89.43 4.18 -22.80	79.88 4.57 -13.58	69.43 4.88 -3.51	57.93 3.39 -12.68	52.90 3.81 -7.23	51.85 3.21 0.00
HQ_GEN_CEDARS 23644	46.79 0.37 0.00	43.44 0.22 0.00	43.04 0.21 0.00	41.29 0.25 0.00	41.29 0.29 0.00	43.19 0.17 0.00	52.86 1.14 0.00	57.77 0.80 0.00	57.94 0.91 0.00	62.38 0.98 0.00	55.35 0.87 0.00	54.26 1.12 0.00	50.99 1.05 0.00	46.62 0.96 0.00	45.21 0.84 0.00	46.05 0.55 0.00	62.11 0.86 0.00	67.20 0.73 0.00	63.26 0.81 0.00	62.47 0.74 0.00	61.77 0.73 0.00	41.78 -0.08 0.00	41.78 -0.08 0.00	48.79 0.15 0.00
HQ_GEN_CHAT DC 23651	41.32 0.00 5.10	43.13 -0.09 0.00	42.74 -0.09 0.00	41.00 -0.04 0.00	41.00 0.00 0.00	42.85 -0.17 0.00	51.98 0.26 0.00	56.80 -0.17 0.00	56.80 -0.23 0.00	61.15 -0.25 0.00	54.21 -0.27 0.00	52.93 -0.21 0.00	49.74 -0.20 0.00	45.48 -0.18 0.00	44.19 -0.18 0.00	45.23 -0.27 0.00	60.88 -0.37 0.00	65.87 -0.60 0.00	61.95 -0.50 0.00	61.36 -0.37 0.00	60.73 -0.31 0.00	41.32 -0.54 0.00	41.32 -0.54 0.00	48.40 -0.24 0.00
HUDAV+59+74_TH_GRP 23620	49.30 2.88 0.00	45.99 2.77 0.00	45.53 2.70 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.57 4.10 -1.50	69.12 4.28 -7.81	72.99 4.67 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.90 3.85 -11.11	64.90 3.47 -15.77	63.58 3.46 -15.75	65.28 3.50 -16.28	81.03 4.78 -15.00	90.25 5.18 -18.60	89.93 4.68 -22.80	80.00 4.69 -13.58	69.13 4.58 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
HUDSON AVE_GT_3 23810	49.30 2.88 0.00	45.99 2.77 0.00	45.53 2.70 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.57 4.10 -1.50	69.12 4.28 -7.81	72.99 4.67 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.90 3.85 -11.11	64.90 3.47 -15.77	63.58 3.46 -15.75	65.28 3.50 -16.28	81.03 4.78 -15.00	90.25 5.18 -18.60	89.93 4.68 -22.80	80.00 4.69 -13.58	69.13 4.58 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
HUDSON AVE_GT_4 23540	49.30 2.88 0.00	45.99 2.77 0.00	45.53 2.70 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.57 4.10 -1.50	69.12 4.28 -7.81	72.99 4.67 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.90 3.85 -11.11	64.90 3.47 -15.77	63.58 3.46 -15.75	65.28 3.50 -16.28	81.03 4.78 -15.00	90.25 5.18 -18.60	89.93 4.68 -22.80	80.00 4.69 -13.58	69.13 4.58 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
HUDSON AVE_GT_5 23657	49.30 2.88 0.00	45.99 2.77 0.00	45.53 2.70 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.57 4.10 -1.50	69.12 4.28 -7.81	72.99 4.67 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.90 3.85 -11.11	64.90 3.47 -15.77	63.58 3.46 -15.75	65.28 3.50 -16.28	81.03 4.78 -15.00	90.25 5.18 -18.60	89.93 4.68 -22.80	80.00 4.69 -13.58	69.13 4.58 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
HUDSON_AVE_10 24168	49.25 2.83 0.00	45.99 2.77 0.00	45.40 2.57 0.00	43.34 2.30 0.00	43.21 2.21 0.00	45.95 2.93 0.00	54.88 3.16 0.00	62.63 4.16 -1.50	69.23 4.39 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	72.05 4.15 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.63 3.51 -15.75	65.33 3.55 -16.28	81.15 4.90 -15.00	90.32 5.25 -18.60	90.06 4.81 -22.80	80.06 4.75 -13.58	69.19 4.64 -3.51	58.10 3.56 -12.68	52.90 3.81 -7.23	52.14 3.50 0.00



HUNTLEY___63 23557	41.96 -4.46 0.00	39.07 -4.15 0.00	38.85 -3.98 0.00	37.26 -3.78 0.00	37.27 -3.73 0.00	39.49 -3.53 0.00	45.46 -6.26 0.00	51.84 -5.13 0.00	51.61 -5.42 0.00	55.63 -5.77 0.00	49.03 -5.45 0.00	47.77 -5.37 0.00	45.25 -4.69 0.00	41.55 -4.11 0.00	40.29 -4.08 0.00	41.59 -3.91 0.00	55.68 -5.57 0.00	61.15 -5.32 0.00	57.14 -5.31 0.00	55.87 -5.86 0.00	55.73 -5.31 0.00	38.39 -3.47 0.00	37.92 -3.94 0.00	42.75 -5.89 0.00
HUNTLEY___64 23558	41.96 -4.46 0.00	39.07 -4.15 0.00	38.85 -3.98 0.00	37.26 -3.78 0.00	37.27 -3.73 0.00	39.49 -3.53 0.00	45.46 -6.26 0.00	51.84 -5.13 0.00	51.61 -5.42 0.00	55.63 -5.77 0.00	49.03 -5.45 0.00	47.77 -5.37 0.00	45.25 -4.69 0.00	41.55 -4.11 0.00	40.29 -4.08 0.00	41.59 -3.91 0.00	55.68 -5.57 0.00	61.15 -5.32 0.00	57.14 -5.31 0.00	55.87 -5.86 0.00	55.73 -5.31 0.00	38.39 -3.47 0.00	37.92 -3.94 0.00	42.75 -5.89 0.00
HUNTLEY___65 23559	41.96 -4.46 0.00	39.07 -4.15 0.00	38.85 -3.98 0.00	37.26 -3.78 0.00	37.27 -3.73 0.00	39.49 -3.53 0.00	45.46 -6.26 0.00	51.84 -5.13 0.00	51.61 -5.42 0.00	55.63 -5.77 0.00	49.03 -5.45 0.00	47.77 -5.37 0.00	45.25 -4.69 0.00	41.55 -4.11 0.00	40.29 -4.08 0.00	41.59 -3.91 0.00	55.68 -5.57 0.00	61.15 -5.32 0.00	57.14 -5.31 0.00	55.87 -5.86 0.00	55.73 -5.31 0.00	38.39 -3.47 0.00	37.92 -3.94 0.00	42.75 -5.89 0.00
HUNTLEY___66 23560	41.96 -4.46 0.00	39.07 -4.15 0.00	38.85 -3.98 0.00	37.26 -3.78 0.00	37.27 -3.73 0.00	39.49 -3.53 0.00	45.46 -6.26 0.00	51.84 -5.13 0.00	51.61 -5.42 0.00	55.63 -5.77 0.00	49.03 -5.45 0.00	47.77 -5.37 0.00	45.25 -4.69 0.00	41.55 -4.11 0.00	40.29 -4.08 0.00	41.59 -3.91 0.00	55.68 -5.57 0.00	61.15 -5.32 0.00	57.14 -5.31 0.00	55.87 -5.86 0.00	55.73 -5.31 0.00	38.39 -3.47 0.00	37.92 -3.94 0.00	42.75 -5.89 0.00
HUNTLEY___67 23561	41.64 -4.78 0.00	38.81 -4.41 0.00	38.59 -4.24 0.00	36.98 -4.06 0.00	36.98 -4.02 0.00	39.15 -3.87 0.00	45.05 -6.67 0.00	51.50 -5.47 0.00	51.16 -5.87 0.00	55.14 -6.26 0.00	48.70 -5.78 0.00	47.45 -5.69 0.00	44.90 -5.04 0.00	41.18 -4.48 0.00	39.93 -4.44 0.00	41.22 -4.28 0.00	55.31 -5.94 0.00	60.55 -5.92 0.00	56.64 -5.81 0.00	55.37 -6.36 0.00	55.24 -5.80 0.00	38.13 -3.73 0.00	37.67 -4.19 0.00	42.51 -6.13 0.00
HUNTLEY___68 23562	41.64 -4.78 0.00	38.81 -4.41 0.00	38.59 -4.24 0.00	36.98 -4.06 0.00	36.98 -4.02 0.00	39.15 -3.87 0.00	45.05 -6.67 0.00	51.50 -5.47 0.00	51.16 -5.87 0.00	55.14 -6.26 0.00	48.70 -5.78 0.00	47.45 -5.69 0.00	44.90 -5.04 0.00	41.18 -4.48 0.00	39.93 -4.44 0.00	41.22 -4.28 0.00	55.31 -5.94 0.00	60.55 -5.92 0.00	56.64 -5.81 0.00	55.37 -6.36 0.00	55.24 -5.80 0.00	38.13 -3.73 0.00	37.67 -4.19 0.00	42.51 -6.13 0.00
INDECK___CORINTH 23802	46.56 0.14 0.00	43.31 0.09 0.00	42.87 0.04 0.00	41.00 -0.04 0.00	40.96 -0.04 0.00	43.36 0.34 0.00	51.88 0.16 0.00	57.03 0.06 0.00	57.26 0.23 0.00	61.71 0.31 0.00	54.75 0.27 0.00	53.35 0.21 0.00	50.14 0.20 0.00	45.80 0.14 0.00	44.55 0.18 0.00	45.68 0.18 0.00	61.80 0.55 0.00	67.40 0.93 0.00	63.20 0.75 0.00	62.41 0.68 0.00	61.59 0.55 0.00	42.74 0.88 0.00	42.53 0.67 0.00	49.32 0.68 0.00
INDECK___ILION 23567	47.12 0.70 0.00	43.87 0.65 0.00	43.47 0.64 0.00	41.61 0.57 0.00	41.61 0.61 0.00	43.71 0.69 0.00	51.98 0.26 0.00	57.20 0.23 0.00	57.32 0.29 0.00	61.71 0.31 0.00	54.86 0.38 0.00	53.51 0.37 0.00	50.24 0.30 0.00	45.93 0.27 0.00	44.64 0.27 0.00	45.82 0.32 0.00	61.56 0.31 0.00	66.94 0.47 0.00	62.89 0.44 0.00	62.10 0.37 0.00	61.53 0.49 0.00	42.86 1.00 0.00	42.78 0.92 0.00	49.52 0.88 0.00
INDECK___OLEAN 23982	43.08 -3.34 0.00	40.37 -2.85 0.00	40.17 -2.66 0.00	38.50 -2.54 0.00	38.50 -2.50 0.00	40.87 -2.15 0.00	47.84 -3.88 0.00	53.32 -3.65 0.00	53.10 -3.93 0.00	57.29 -4.11 0.00	50.45 -4.03 0.00	49.15 -3.99 0.00	47.09 -2.85 0.00	43.19 -2.47 0.00	41.84 -2.53 0.00	43.32 -2.18 0.00	57.76 -3.49 0.00	63.81 -2.66 0.00	59.51 -2.94 0.00	58.09 -3.64 0.00	58.23 -2.81 0.00	41.06 -0.80 0.00	40.35 -1.51 0.00	45.53 -3.11 0.00
INDECK___OSWEGO 23783	45.26 -1.16 0.00	42.18 -1.04 0.00	41.80 -1.03 0.00	40.01 -1.03 0.00	40.02 -0.98 0.00	41.99 -1.03 0.00	50.22 -1.50 0.00	55.66 -1.31 0.00	55.72 -1.31 0.00	59.86 -1.54 0.00	53.12 -1.36 0.00	51.81 -1.33 0.00	48.64 -1.30 0.00	44.52 -1.14 0.00	43.26 -1.11 0.00	44.41 -1.09 0.00	59.78 -1.47 0.00	65.07 -1.40 0.00	61.08 -1.37 0.00	60.25 -1.48 0.00	59.57 -1.47 0.00	41.02 -0.84 0.00	40.94 -0.92 0.00	47.42 -1.22 0.00
INDECK___YERKES 23781	41.96 -4.46 0.00	39.07 -4.15 0.00	38.85 -3.98 0.00	37.26 -3.78 0.00	37.27 -3.73 0.00	39.49 -3.53 0.00	45.46 -6.26 0.00	51.84 -5.13 0.00	51.61 -5.42 0.00	55.63 -5.77 0.00	49.09 -5.39 0.00	47.77 -5.37 0.00	45.25 -4.69 0.00	41.55 -4.11 0.00	40.29 -4.08 0.00	41.59 -3.91 0.00	55.68 -5.57 0.00	61.15 -5.32 0.00	57.14 -5.31 0.00	55.87 -5.86 0.00	55.73 -5.31 0.00	38.39 -3.47 0.00	37.92 -3.94 0.00	42.75 -5.89 0.00
INDIAN POINT_GT_1 24139	48.83 2.41 0.00	45.47 2.25 0.00	45.06 2.23 0.00	43.05 2.01 0.00	42.89 1.89 0.00	45.47 2.45 0.00	54.36 2.64 0.00	61.83 3.36 -1.50	68.38 3.54 -7.81	72.19 3.87 -6.92	72.45 3.43 -14.54	71.25 3.35 -14.76	64.25 3.20 -11.11	64.35 2.92 -15.77	63.00 2.88 -15.75	64.69 2.91 -16.28	80.23 3.98 -15.00	89.46 4.39 -18.60	89.25 4.00 -22.80	79.32 4.01 -13.58	68.46 3.91 -3.51	57.55 3.01 -12.68	52.31 3.22 -7.23	51.61 2.97 0.00
INDIAN POINT_GT_2 23659	48.83 2.41 0.00	45.47 2.25 0.00	45.06 2.23 0.00	43.05 2.01 0.00	42.89 1.89 0.00	45.47 2.45 0.00	54.36 2.64 0.00	61.83 3.36 -1.50	68.38 3.54 -7.81	72.19 3.87 -6.92	72.45 3.43 -14.54	71.25 3.35 -14.76	64.25 3.20 -11.11	64.35 2.92 -15.77	63.00 2.88 -15.75	64.69 2.91 -16.28	80.23 3.98 -15.00	89.46 4.39 -18.60	89.25 4.00 -22.80	79.32 4.01 -13.58	68.46 3.91 -3.51	57.55 3.01 -12.68	52.31 3.22 -7.23	51.61 2.97 0.00
INDIAN POINT_GT_3 24019	48.83 2.41 0.00	45.47 2.25 0.00	45.06 2.23 0.00	43.05 2.01 0.00	42.89 1.89 0.00	45.47 2.45 0.00	54.36 2.64 0.00	61.83 3.36 -1.50	68.38 3.54 -7.81	72.19 3.87 -6.92	72.45 3.43 -14.54	71.25 3.35 -14.76	64.25 3.20 -11.11	64.35 2.92 -15.77	63.00 2.88 -15.75	64.69 2.91 -16.28	80.23 3.98 -15.00	89.46 4.39 -18.60	89.25 4.00 -22.80	79.32 4.01 -13.58	68.46 3.91 -3.51	57.55 3.01 -12.68	52.31 3.22 -7.23	51.61 2.97 0.00
INDIAN POINT___2 23530	46.42 0.00 0.00	43.22 0.00 0.00	42.83 0.00 0.00	41.04 0.00 0.00	41.00 0.00 0.00	43.02 0.00 0.00	51.72 0.00 0.00	56.97 0.00 0.00	57.03 0.00 0.00	61.40 0.00 0.00	54.48 0.00 0.00	53.14 0.00 0.00	49.94 0.00 0.00	45.66 0.00 0.00	44.37 0.00 0.00	45.50 0.00 0.00	61.25 0.00 0.00	66.47 0.00 0.00	62.45 0.00 0.00	61.73 0.00 0.00	61.04 0.00 0.00	41.86 0.00 0.00	41.86 0.00 0.00	48.64 0.00 0.00
INDIAN POINT___3 23531	48.56 2.14 0.00	45.25 2.03 0.00	44.84 2.01 0.00	42.85 1.81 0.00	42.68 1.68 0.00	45.21 2.19 0.00	54.00 2.28 0.00	61.43 2.96 -1.50	67.98 3.14 -7.81	71.76 3.44 -6.92	72.13 3.11 -14.54	70.88 2.98 -14.76	63.90 2.85 -11.11	64.03 2.60 -15.77	62.69 2.57 -15.75	64.37 2.59 -16.28	79.80 3.55 -15.00	88.99 3.92 -18.60	88.81 3.56 -22.80	78.89 3.58 -13.58	68.03 3.48 -3.51	57.30 2.76 -12.68	52.06 2.97 -7.23	51.36 2.72 0.00



INDIAN PT_GT_GRP 23687	48.83 2.41 0.00	45.47 2.25 0.00	45.06 2.23 0.00	43.05 2.01 0.00	42.89 1.89 0.00	45.47 2.45 0.00	54.36 2.64 0.00	61.83 3.36 -1.50	68.38 3.54 -7.81	72.19 3.87 -6.92	72.45 3.43 -14.54	71.25 3.35 -14.76	64.25 3.20 -11.11	64.35 2.92 -15.77	63.00 2.88 -15.75	64.69 2.91 -16.28	80.23 3.98 -15.00	89.46 4.39 -18.60	89.25 4.00 -22.80	79.32 4.01 -13.58	68.46 3.91 -3.51	57.55 3.01 -12.68	52.31 3.22 -7.23	51.61 2.97 0.00
IP CORINTH___1 23988	46.56 0.14 0.00	43.31 0.09 0.00	42.87 0.04 0.00	41.00 -0.04 0.00	40.96 -0.04 0.00	43.36 0.34 0.00	51.88 0.16 0.00	57.03 0.06 0.00	57.26 0.23 0.00	61.71 0.31 0.00	54.75 0.27 0.00	53.35 0.21 0.00	50.14 0.20 0.00	45.80 0.14 0.00	44.55 0.18 0.00	45.68 0.18 0.00	61.80 0.55 0.00	67.40 0.93 0.00	63.20 0.75 0.00	62.41 0.68 0.00	61.59 0.55 0.00	42.74 0.88 0.00	42.53 0.67 0.00	49.32 0.68 0.00
IP___TICONDEROGA 23804	48.69 2.27 0.00	45.34 2.12 0.00	44.89 2.06 0.00	42.97 1.93 0.00	42.84 1.84 0.00	45.39 2.37 0.00	54.36 2.64 0.00	59.36 2.39 0.00	59.71 2.68 0.00	64.35 2.95 0.00	57.10 2.62 0.00	55.64 2.50 0.00	52.29 2.35 0.00	47.81 2.15 0.00	46.46 2.09 0.00	47.68 2.18 0.00	64.43 3.18 0.00	70.19 3.72 0.00	65.88 3.43 0.00	65.06 3.33 0.00	64.15 3.11 0.00	44.37 2.51 0.00	44.25 2.39 0.00	51.66 3.02 0.00
JARVIS_____ 23743	46.56 0.14 0.00	43.35 0.13 0.00	42.96 0.13 0.00	41.16 0.12 0.00	41.08 0.08 0.00	43.15 0.13 0.00	51.82 0.10 0.00	57.14 0.17 0.00	57.26 0.23 0.00	61.65 0.25 0.00	54.70 0.22 0.00	53.35 0.21 0.00	50.14 0.20 0.00	45.84 0.18 0.00	44.55 0.18 0.00	45.68 0.18 0.00	61.49 0.24 0.00	66.80 0.33 0.00	62.76 0.31 0.00	61.98 0.25 0.00	61.28 0.24 0.00	42.15 0.29 0.00	42.11 0.25 0.00	48.83 0.19 0.00
JENNISON___1 23625	46.10 -0.32 0.00	42.96 -0.26 0.00	42.57 -0.26 0.00	40.75 -0.29 0.00	40.75 -0.25 0.00	42.98 -0.04 0.00	51.67 -0.05 0.00	57.71 0.74 0.00	58.46 1.43 0.00	62.94 1.54 0.00	55.79 1.31 0.00	54.36 1.22 0.00	50.94 1.00 0.00	46.57 0.91 0.00	45.26 0.89 0.00	46.64 1.14 0.00	62.90 1.65 0.00	68.80 2.33 0.00	64.45 2.00 0.00	63.40 1.67 0.00	62.51 1.47 0.00	42.91 1.05 0.00	42.61 0.75 0.00	48.88 0.24 0.00
JENNISON___2 23626	46.00 -0.42 0.00	42.87 -0.35 0.00	42.53 -0.30 0.00	40.71 -0.33 0.00	40.67 -0.33 0.00	42.93 -0.09 0.00	51.56 -0.16 0.00	57.54 0.57 0.00	58.34 1.31 0.00	62.75 1.35 0.00	55.68 1.20 0.00	54.26 1.12 0.00	50.84 0.90 0.00	46.48 0.82 0.00	45.17 0.80 0.00	46.55 1.05 0.00	62.78 1.53 0.00	68.66 2.19 0.00	64.32 1.87 0.00	63.27 1.54 0.00	62.38 1.34 0.00	42.82 0.96 0.00	42.53 0.67 0.00	48.79 0.15 0.00
KEDC PORT_JEFF_GT2 24210	48.60 2.18 0.00	45.60 2.38 0.00	45.01 2.18 0.00	43.01 1.97 0.00	42.39 1.39 0.00	45.04 2.02 0.00	54.15 2.43 0.00	61.43 2.96 -1.50	67.58 2.74 -7.81	70.65 2.33 -6.92	71.09 2.07 -14.54	69.87 1.97 -14.76	63.00 1.95 -11.11	63.17 1.74 -15.77	61.85 1.73 -15.75	63.42 1.64 -16.28	78.27 2.02 -15.00	88.26 3.19 -18.60	88.56 3.31 -22.80	78.83 3.52 -13.58	68.33 3.78 -3.51	57.18 2.64 -12.68	52.69 3.60 -7.23	51.66 3.02 0.00
KEDC PORT_JEFF_GT3 24211	48.60 2.18 0.00	45.60 2.38 0.00	45.01 2.18 0.00	43.01 1.97 0.00	42.39 1.39 0.00	45.04 2.02 0.00	54.15 2.43 0.00	61.43 2.96 -1.50	67.12 2.28 -7.81	70.65 2.33 -6.92	71.14 2.12 -14.54	69.92 2.02 -14.76	63.00 1.95 -11.11	63.21 1.78 -15.77	61.85 1.73 -15.75	63.46 1.68 -16.28	78.33 2.08 -15.00	88.33 3.26 -18.60	88.56 3.31 -22.80	78.83 3.52 -13.58	68.33 3.78 -3.51	57.22 2.68 -12.68	52.69 3.60 -7.23	51.66 3.02 0.00
KEDC_GLWD_GT4 24219	49.25 2.83 0.00	45.94 2.72 0.00	45.44 2.61 0.00	43.42 2.38 0.00	43.21 2.21 0.00	45.82 2.80 0.00	54.77 3.05 0.00	62.23 3.76 -1.50	68.66 3.82 -7.81	72.56 4.24 -6.92	72.78 3.76 -14.54	71.51 3.61 -14.76	64.55 3.50 -11.11	64.63 3.20 -15.77	63.23 3.11 -15.75	64.92 3.14 -16.28	79.62 3.37 -15.00	89.26 4.19 -18.60	89.25 4.00 -22.80	79.20 3.89 -13.58	68.58 4.03 -3.51	57.64 3.10 -12.68	53.03 3.94 -7.23	52.29 3.65 0.00
KEDC_GLWD_GT5 24220	49.25 2.83 0.00	45.94 2.72 0.00	45.44 2.61 0.00	43.42 2.38 0.00	43.21 2.21 0.00	45.82 2.80 0.00	54.77 3.05 0.00	62.23 3.76 -1.50	68.66 3.82 -7.81	72.56 4.24 -6.92	72.78 3.76 -14.54	71.51 3.61 -14.76	64.55 3.50 -11.11	64.63 3.20 -15.77	63.23 3.11 -15.75	64.92 3.14 -16.28	79.68 3.43 -15.00	89.26 4.19 -18.60	89.25 4.00 -22.80	79.20 3.89 -13.58	68.58 4.03 -3.51	57.64 3.10 -12.68	53.03 3.94 -7.23	52.29 3.65 0.00
KENSICO____ 23655	48.93 2.51 0.00	45.55 2.33 0.00	45.14 2.31 0.00	43.13 2.09 0.00	42.97 1.97 0.00	45.51 2.49 0.00	54.41 2.69 0.00	61.95 3.48 -1.50	68.49 3.65 -7.81	72.31 3.99 -6.92	72.56 3.54 -14.54	71.35 3.45 -14.76	64.35 3.30 -11.11	64.40 2.97 -15.77	63.05 2.93 -15.75	64.78 3.00 -16.28	80.29 4.04 -15.00	89.59 4.52 -18.60	89.37 4.12 -22.80	79.38 4.07 -13.58	68.58 4.03 -3.51	57.64 3.10 -12.68	52.40 3.31 -7.23	51.75 3.11 0.00
KIAC_JFK_AIRPORT 23541	49.30 2.88 0.00	46.07 2.85 0.00	45.40 2.57 0.00	43.30 2.26 0.00	43.13 2.13 0.00	45.99 2.97 0.00	54.98 3.26 0.00	62.74 4.27 -1.50	69.29 4.45 -7.81	73.11 4.79 -6.92	73.32 4.30 -14.54	72.10 4.20 -14.76	65.00 3.95 -11.11	65.04 3.61 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.21 4.96 -15.00	90.39 5.32 -18.60	90.06 4.81 -22.80	80.12 4.81 -13.58	69.25 4.70 -3.51	58.10 3.56 -12.68	52.94 3.85 -7.23	52.29 3.65 0.00
KINTIGH_____ 23543	41.78 -4.64 0.00	38.85 -4.37 0.00	38.63 -4.20 0.00	37.02 -4.02 0.00	36.98 -4.02 0.00	39.11 -3.91 0.00	45.41 -6.31 0.00	51.56 -5.41 0.00	51.27 -5.76 0.00	55.26 -6.14 0.00	48.87 -5.61 0.00	47.61 -5.53 0.00	44.95 -4.99 0.00	41.18 -4.48 0.00	39.93 -4.44 0.00	41.18 -4.32 0.00	55.25 -6.00 0.00	60.42 -6.05 0.00	56.52 -5.93 0.00	55.43 -6.30 0.00	55.24 -5.80 0.00	38.18 -3.68 0.00	37.76 -4.10 0.00	42.85 -5.79 0.00
LEDERLE_____ 23769	48.69 2.27 0.00	45.34 2.12 0.00	44.93 2.10 0.00	42.93 1.89 0.00	42.72 1.72 0.00	45.26 2.24 0.00	54.10 2.38 0.00	60.05 3.08 0.00	60.51 3.48 0.00	65.21 3.81 0.00	57.86 3.38 0.00	56.43 3.29 0.00	53.14 3.20 0.00	48.54 2.88 0.00	47.21 2.84 0.00	48.37 2.87 0.00	65.17 3.92 0.00	70.79 4.32 0.00	66.38 3.93 0.00	65.68 3.95 0.00	64.89 3.85 0.00	44.87 3.01 0.00	45.04 3.18 0.00	51.56 2.92 0.00
LINDEN COGEN____ 23786	48.97 2.55 0.00	45.68 2.46 0.00	45.23 2.40 0.00	43.13 2.09 0.00	42.97 1.97 0.00	45.73 2.71 0.00	54.15 2.43 0.00	61.83 3.36 -1.50	68.43 3.59 -7.81	72.19 3.87 -6.92	72.51 3.49 -14.54	71.25 3.35 -14.76	64.25 3.20 -11.11	64.35 2.92 -15.77	63.00 2.88 -15.75	64.69 2.91 -16.28	80.23 3.98 -15.00	89.26 4.19 -18.60	89.00 3.75 -22.80	79.20 3.89 -13.58	68.40 3.85 -3.51	57.51 2.97 -12.68	52.27 3.18 -7.23	51.56 2.92 0.00
LIPA_MISC_IPP 23656	48.74 2.32 0.00	45.60 2.38 0.00	45.01 2.18 0.00	43.01 1.97 0.00	42.52 1.52 0.00	45.21 2.19 0.00	54.31 2.59 0.00	61.66 3.19 -1.50	67.92 3.08 -7.81	71.64 3.32 -6.92	72.02 3.00 -14.54	70.77 2.87 -14.76	63.85 2.80 -11.11	63.94 2.51 -15.77	62.60 2.48 -15.75	64.24 2.46 -16.28	79.37 3.12 -15.00	89.52 4.45 -18.60	89.68 4.43 -22.80	79.88 4.57 -13.58	69.37 4.82 -3.51	57.93 3.39 -12.68	52.77 3.68 -7.23	51.75 3.11 0.00



LITTLE FALLS___HYD 24013	47.63 1.21 0.00	44.34 1.12 0.00	43.94 1.11 0.00	42.11 1.07 0.00	42.07 1.07 0.00	44.27 1.25 0.00	52.86 1.14 0.00	58.28 1.31 0.00	58.63 1.60 0.00	63.06 1.66 0.00	56.01 1.53 0.00	54.57 1.43 0.00	51.29 1.35 0.00	46.85 1.19 0.00	45.52 1.15 0.00	46.68 1.18 0.00	62.84 1.59 0.00	68.46 1.99 0.00	64.26 1.81 0.00	63.46 1.73 0.00	62.81 1.77 0.00	43.45 1.59 0.00	43.28 1.42 0.00	50.05 1.41 0.00
LONG LAKE PHOENIX 24014	45.58 -0.84 0.00	42.49 -0.73 0.00	42.10 -0.73 0.00	40.30 -0.74 0.00	40.30 -0.70 0.00	42.33 -0.69 0.00	50.17 -1.55 0.00	55.66 -1.31 0.00	55.78 -1.25 0.00	60.05 -1.35 0.00	53.28 -1.20 0.00	51.92 -1.22 0.00	48.79 -1.15 0.00	44.66 -1.00 0.00	43.35 -1.02 0.00	44.54 -0.96 0.00	59.96 -1.29 0.00	65.34 -1.13 0.00	61.33 -1.12 0.00	60.50 -1.23 0.00	59.76 -1.28 0.00	41.57 -0.29 0.00	41.44 -0.42 0.00	47.96 -0.68 0.00
LOVETT___3 23632	47.67 1.25 0.00	44.39 1.17 0.00	44.03 1.20 0.00	41.98 0.94 0.00	41.61 0.61 0.00	44.05 1.03 0.00	52.60 0.88 0.00	58.45 1.48 0.00	58.68 1.65 0.00	63.24 1.84 0.00	56.11 1.63 0.00	54.73 1.59 0.00	51.49 1.55 0.00	47.03 1.37 0.00	45.79 1.42 0.00	46.87 1.37 0.00	63.15 1.90 0.00	68.60 2.13 0.00	64.32 1.87 0.00	63.64 1.91 0.00	62.87 1.83 0.00	43.53 1.67 0.00	43.79 1.93 0.00	50.05 1.41 0.00
LOVETT___4 23642	48.18 1.76 0.00	44.86 1.64 0.00	44.50 1.67 0.00	42.44 1.40 0.00	42.11 1.11 0.00	44.57 1.55 0.00	53.27 1.55 0.00	59.19 2.22 0.00	59.43 2.40 0.00	63.98 2.58 0.00	56.82 2.34 0.00	55.43 2.29 0.00	52.14 2.20 0.00	47.62 1.96 0.00	46.37 2.00 0.00	47.46 1.96 0.00	63.94 2.69 0.00	69.46 2.99 0.00	65.14 2.69 0.00	64.45 2.72 0.00	63.66 2.62 0.00	44.08 2.22 0.00	44.29 2.43 0.00	50.63 1.99 0.00
LOVETT___5 23593	48.18 1.76 0.00	44.86 1.64 0.00	44.50 1.67 0.00	42.44 1.40 0.00	42.11 1.11 0.00	44.57 1.55 0.00	53.27 1.55 0.00	59.19 2.22 0.00	59.43 2.40 0.00	63.98 2.58 0.00	56.82 2.34 0.00	55.43 2.29 0.00	52.14 2.20 0.00	47.62 1.96 0.00	46.37 2.00 0.00	47.46 1.96 0.00	63.94 2.69 0.00	69.46 2.99 0.00	65.14 2.69 0.00	64.45 2.72 0.00	63.66 2.62 0.00	44.08 2.22 0.00	44.29 2.43 0.00	50.63 1.99 0.00
LOWER RAQUET___HYD 24057	46.00 -0.42 0.00	42.66 -0.56 0.00	42.23 -0.60 0.00	40.55 -0.49 0.00	40.55 -0.45 0.00	42.46 -0.56 0.00	52.13 0.41 0.00	56.97 0.00 0.00	56.86 -0.17 0.00	61.34 -0.06 0.00	54.37 -0.11 0.00	53.14 0.00 0.00	49.94 0.00 0.00	45.66 0.00 0.00	44.33 -0.04 0.00	45.23 -0.27 0.00	61.01 -0.24 0.00	66.07 -0.40 0.00	62.26 -0.19 0.00	61.48 -0.25 0.00	60.73 -0.31 0.00	41.02 -0.84 0.00	40.94 -0.92 0.00	47.86 -0.78 0.00
LOWER___HUDSON 24059	47.63 1.21 0.00	44.39 1.17 0.00	43.94 1.11 0.00	42.07 1.03 0.00	41.98 0.98 0.00	44.35 1.33 0.00	53.17 1.45 0.00	58.57 1.60 0.00	58.80 1.77 0.00	63.36 1.96 0.00	56.22 1.74 0.00	54.79 1.65 0.00	51.49 1.55 0.00	47.08 1.42 0.00	45.79 1.42 0.00	46.91 1.41 0.00	63.27 2.02 0.00	68.93 2.46 0.00	64.64 2.19 0.00	63.89 2.16 0.00	63.05 2.01 0.00	43.53 1.67 0.00	43.49 1.63 0.00	50.34 1.70 0.00
MG INDUSTRY___DRP 24185	47.30 0.88 0.00	44.08 0.86 0.00	43.69 0.86 0.00	41.78 0.74 0.00	41.70 0.70 0.00	43.97 0.95 0.00	52.50 0.78 0.00	58.00 1.03 0.00	58.17 1.14 0.00	62.69 1.29 0.00	55.62 1.14 0.00	54.20 1.06 0.00	50.99 1.05 0.00	46.57 0.91 0.00	45.30 0.93 0.00	46.46 0.96 0.00	62.54 1.29 0.00	68.00 1.53 0.00	63.82 1.37 0.00	63.09 1.36 0.00	62.32 1.28 0.00	42.99 1.13 0.00	42.99 1.13 0.00	49.66 1.02 0.00
MILLIKEN___1 23584	41.87 -4.55 0.00	38.94 -4.28 0.00	38.55 -4.28 0.00	36.89 -4.15 0.00	36.94 -4.06 0.00	39.11 -3.91 0.00	47.22 -4.50 0.00	53.21 -3.76 0.00	53.21 -3.82 0.00	57.22 -4.18 0.00	50.72 -3.76 0.00	49.42 -3.72 0.00	46.34 -3.60 0.00	42.42 -3.24 0.00	41.18 -3.19 0.00	42.31 -3.19 0.00	57.21 -4.04 0.00	62.75 -3.72 0.00	58.83 -3.62 0.00	57.84 -3.89 0.00	57.01 -4.03 0.00	39.06 -2.80 0.00	38.68 -3.18 0.00	44.31 -4.33 0.00
MILLIKEN___2 23585	41.87 -4.55 0.00	38.94 -4.28 0.00	38.55 -4.28 0.00	36.89 -4.15 0.00	36.94 -4.06 0.00	39.06 -3.96 0.00	47.22 -4.50 0.00	53.15 -3.82 0.00	53.15 -3.88 0.00	57.16 -4.24 0.00	50.72 -3.76 0.00	49.37 -3.77 0.00	46.29 -3.65 0.00	42.37 -3.29 0.00	41.13 -3.24 0.00	42.27 -3.23 0.00	57.15 -4.10 0.00	62.68 -3.79 0.00	58.83 -3.62 0.00	57.78 -3.95 0.00	56.95 -4.09 0.00	39.01 -2.85 0.00	38.64 -3.22 0.00	44.26 -4.38 0.00
MILLIKEN___DIESEL 23629	42.10 -4.32 0.00	39.16 -4.06 0.00	38.76 -4.07 0.00	37.10 -3.94 0.00	37.15 -3.85 0.00	39.32 -3.70 0.00	47.48 -4.24 0.00	53.49 -3.48 0.00	53.44 -3.59 0.00	57.47 -3.93 0.00	50.99 -3.49 0.00	49.69 -3.45 0.00	46.59 -3.35 0.00	42.60 -3.06 0.00	41.40 -2.97 0.00	42.54 -2.96 0.00	57.51 -3.74 0.00	63.08 -3.39 0.00	59.14 -3.31 0.00	58.15 -3.58 0.00	57.32 -3.72 0.00	39.26 -2.60 0.00	38.85 -3.01 0.00	44.55 -4.09 0.00
MODEL_CITY_ENERGY 24167	41.87 -4.55 0.00	38.98 -4.24 0.00	38.80 -4.03 0.00	37.18 -3.86 0.00	37.19 -3.81 0.00	39.36 -3.66 0.00	45.20 -6.52 0.00	51.67 -5.30 0.00	51.33 -5.70 0.00	55.32 -6.08 0.00	48.87 -5.61 0.00	47.61 -5.53 0.00	45.05 -4.89 0.00	41.32 -4.34 0.00	40.07 -4.30 0.00	41.36 -4.14 0.00	55.43 -5.82 0.00	60.69 -5.78 0.00	56.77 -5.68 0.00	55.56 -6.17 0.00	55.42 -5.62 0.00	38.34 -3.52 0.00	37.84 -4.02 0.00	42.71 -5.93 0.00
MOHAWK_PAPER___DRP 24187	47.95 1.53 0.00	44.65 1.43 0.00	44.24 1.41 0.00	42.35 1.31 0.00	42.27 1.27 0.00	44.61 1.59 0.00	53.58 1.86 0.00	59.13 2.16 0.00	59.43 2.40 0.00	63.98 2.58 0.00	56.77 2.29 0.00	55.37 2.23 0.00	52.04 2.10 0.00	47.58 1.92 0.00	46.23 1.86 0.00	47.46 1.96 0.00	63.94 2.69 0.00	69.66 3.19 0.00	65.39 2.94 0.00	64.57 2.84 0.00	63.73 2.69 0.00	43.87 2.01 0.00	43.83 1.97 0.00	50.63 1.99 0.00
MONGAUP___HYD 23641	48.32 1.90 0.00	44.99 1.77 0.00	44.54 1.71 0.00	42.64 1.60 0.00	42.52 1.52 0.00	45.00 1.98 0.00	53.94 2.22 0.00	59.70 2.73 0.00	60.22 3.19 0.00	64.90 3.50 0.00	57.59 3.11 0.00	56.17 3.03 0.00	52.99 3.05 0.00	48.35 2.69 0.00	47.08 2.71 0.00	48.09 2.59 0.00	64.92 3.67 0.00	70.59 4.12 0.00	66.13 3.68 0.00	65.62 3.89 0.00	64.70 3.66 0.00	44.58 2.72 0.00	44.58 2.72 0.00	51.12 2.48 0.00
MONTAUK___DIESEL 23721	50.41 3.99 0.00	47.02 3.80 0.00	46.34 3.51 0.00	44.28 3.24 0.00	43.83 2.83 0.00	46.85 3.83 0.00	56.89 5.17 0.00	64.45 5.98 -1.50	70.83 5.99 -7.81	75.01 6.69 -6.92	75.01 5.99 -14.54	73.69 5.79 -14.76	66.64 5.59 -11.11	66.50 5.07 -15.77	65.05 4.93 -15.75	66.74 4.96 -16.28	83.05 6.80 -15.00	94.04 8.97 -18.60	94.06 8.81 -22.80	83.89 8.58 -13.58	73.22 8.67 -3.51	60.44 5.90 -12.68	54.83 5.74 -7.23	53.65 5.01 0.00
N SALMON___HYD 24042	46.10 -0.32 0.00	42.79 -0.43 0.00	42.40 -0.43 0.00	40.71 -0.33 0.00	40.71 -0.29 0.00	42.50 -0.52 0.00	52.08 0.36 0.00	56.86 -0.11 0.00	56.69 -0.34 0.00	61.03 -0.37 0.00	54.15 -0.33 0.00	52.98 -0.16 0.00	49.79 -0.15 0.00	45.52 -0.14 0.00	44.19 -0.18 0.00	45.04 -0.46 0.00	60.76 -0.49 0.00	65.61 -0.86 0.00	61.83 -0.62 0.00	61.11 -0.62 0.00	60.43 -0.61 0.00	40.81 -1.05 0.00	40.81 -1.05 0.00	47.81 -0.83 0.00



N.E._GEN_SANDY PD 24062	42.85 1.53 5.10	44.69 1.47 0.00	44.24 1.41 0.00	42.31 1.27 0.00	42.23 1.23 0.00	44.57 1.55 0.00	53.38 1.66 0.00	58.85 1.88 0.00	59.08 2.05 0.00	63.67 2.27 0.00	56.50 2.02 0.00	55.11 1.97 0.00	51.79 1.85 0.00	47.35 1.69 0.00	46.01 1.64 0.00	47.18 1.68 0.00	63.58 2.33 0.00	69.13 2.66 0.00	64.89 2.44 0.00	64.14 2.41 0.00	63.36 2.32 0.00	43.70 1.84 0.00	43.79 1.93 0.00	50.63 1.99 0.00
NARROWS_GT1_1 24228	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT1_2 24229	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT1_3 24230	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT1_4 24231	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT1_5 24232	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT1_6 24233	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT1_7 24234	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT1_8 24235	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT1_GRP 23726	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT2_1 24236	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT2_2 24237	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT2_3 24238	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT2_4 24239	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT2_5 24240	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT2_6 24241	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00



NARROWS_GT2_7 24242	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT2_8 24243	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NARROWS_GT2_GRP 23741	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.39 3.67 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NEG CAPITAL___MECHNVIL 23645	47.81 1.39 0.00	44.52 1.30 0.00	44.07 1.24 0.00	42.19 1.15 0.00	42.11 1.11 0.00	44.53 1.51 0.00	53.43 1.71 0.00	58.85 1.88 0.00	59.08 2.05 0.00	63.67 2.27 0.00	56.50 2.02 0.00	55.05 1.91 0.00	51.74 1.80 0.00	47.30 1.64 0.00	45.97 1.60 0.00	47.14 1.64 0.00	63.64 2.39 0.00	69.39 2.92 0.00	65.07 2.62 0.00	64.32 2.59 0.00	63.42 2.38 0.00	43.79 1.93 0.00	43.70 1.84 0.00	50.59 1.95 0.00
NEG CENTRAL_HIGH_ACRES 23767	43.96 -2.46 0.00	40.93 -2.29 0.00	40.60 -2.23 0.00	38.91 -2.13 0.00	38.91 -2.09 0.00	41.13 -1.89 0.00	48.77 -2.95 0.00	54.75 -2.22 0.00	54.58 -2.45 0.00	58.82 -2.58 0.00	52.08 -2.40 0.00	50.80 -2.34 0.00	47.79 -2.15 0.00	43.74 -1.92 0.00	42.46 -1.91 0.00	43.68 -1.82 0.00	58.74 -2.51 0.00	64.21 -2.26 0.00	60.14 -2.31 0.00	59.20 -2.53 0.00	58.66 -2.38 0.00	40.44 -1.42 0.00	40.06 -1.80 0.00	45.82 -2.82 0.00
NEG CENTRAL___DRP 24199	44.28 -2.14 0.00	41.28 -1.94 0.00	40.95 -1.88 0.00	39.23 -1.81 0.00	39.20 -1.80 0.00	41.34 -1.68 0.00	49.29 -2.43 0.00	54.98 -1.99 0.00	54.75 -2.28 0.00	58.94 -2.46 0.00	52.30 -2.18 0.00	50.96 -2.18 0.00	48.14 -1.80 0.00	44.02 -1.64 0.00	42.73 -1.64 0.00	44.04 -1.46 0.00	59.23 -2.02 0.00	64.74 -1.73 0.00	60.64 -1.81 0.00	59.63 -2.10 0.00	58.96 -2.08 0.00	40.56 -1.30 0.00	40.31 -1.55 0.00	46.26 -2.38 0.00
NEG CENTRAL___INDECK 23768	44.61 -1.81 0.00	41.62 -1.60 0.00	41.33 -1.50 0.00	39.60 -1.44 0.00	39.61 -1.39 0.00	42.03 -0.99 0.00	49.70 -2.02 0.00	56.17 -0.80 0.00	56.69 -0.34 0.00	61.09 -0.31 0.00	54.10 -0.38 0.00	52.71 -0.43 0.00	49.94 0.00 0.00	45.71 0.05 0.00	44.37 0.00 0.00	45.82 0.32 0.00	61.56 0.31 0.00	67.53 1.06 0.00	63.20 0.75 0.00	62.04 0.31 0.00	61.47 0.43 0.00	42.24 0.38 0.00	41.65 -0.21 0.00	47.28 -1.36 0.00
NEG CENTRAL___SENECA 23627	43.73 -2.69 0.00	40.76 -2.46 0.00	40.47 -2.36 0.00	38.74 -2.30 0.00	38.74 -2.26 0.00	40.91 -2.11 0.00	48.67 -3.05 0.00	54.41 -2.56 0.00	53.95 -3.08 0.00	58.15 -3.25 0.00	51.54 -2.94 0.00	50.22 -2.92 0.00	47.54 -2.40 0.00	43.51 -2.15 0.00	42.24 -2.13 0.00	43.59 -1.91 0.00	58.62 -2.63 0.00	64.14 -2.33 0.00	60.01 -2.44 0.00	58.95 -2.78 0.00	58.29 -2.75 0.00	40.14 -1.72 0.00	39.77 -2.09 0.00	45.53 -3.11 0.00
NEG CENTRAL___STATE_STREET 24147	44.28 -2.14 0.00	41.23 -1.99 0.00	40.86 -1.97 0.00	39.11 -1.93 0.00	39.11 -1.89 0.00	41.30 -1.72 0.00	49.60 -2.12 0.00	55.55 -1.42 0.00	55.66 -1.37 0.00	59.86 -1.54 0.00	53.12 -1.36 0.00	51.76 -1.38 0.00	48.64 -1.30 0.00	44.47 -1.19 0.00	43.17 -1.20 0.00	44.41 -1.09 0.00	59.90 -1.35 0.00	65.54 -0.93 0.00	61.45 -1.00 0.00	60.50 -1.23 0.00	59.70 -1.34 0.00	40.98 -0.88 0.00	40.65 -1.21 0.00	46.69 -1.95 0.00
NEG MILLWOOD___DRP 24198	49.02 2.60 0.00	45.60 2.38 0.00	45.14 2.31 0.00	43.17 2.13 0.00	43.01 2.01 0.00	45.56 2.54 0.00	54.51 2.79 0.00	62.06 3.59 -1.50	68.60 3.76 -7.81	72.37 4.05 -6.92	72.62 3.60 -14.54	71.41 3.51 -14.76	64.50 3.45 -11.11	64.54 3.11 -15.77	63.18 3.06 -15.75	64.87 3.09 -16.28	80.54 4.29 -15.00	89.66 4.59 -18.60	89.50 4.25 -22.80	79.57 4.26 -13.58	68.70 4.15 -3.51	57.76 3.22 -12.68	52.52 3.43 -7.23	51.85 3.21 0.00
NEG NORTH_FLCN_SEA 23793	45.54 -0.88 0.00	42.31 -0.91 0.00	41.89 -0.94 0.00	40.22 -0.82 0.00	40.22 -0.78 0.00	41.99 -1.03 0.00	51.36 -0.36 0.00	56.06 -0.91 0.00	55.95 -1.08 0.00	60.23 -1.17 0.00	53.44 -1.04 0.00	52.34 -0.80 0.00	49.14 -0.80 0.00	44.93 -0.73 0.00	43.66 -0.71 0.00	44.45 -1.05 0.00	59.90 -1.35 0.00	64.74 -1.73 0.00	60.95 -1.50 0.00	60.25 -1.48 0.00	59.64 -1.40 0.00	40.31 -1.55 0.00	40.35 -1.51 0.00	47.23 -1.41 0.00
NEG NORTH_KES_CHATEGAY 23792	45.91 -0.51 0.00	42.66 -0.56 0.00	42.27 -0.56 0.00	40.59 -0.45 0.00	40.59 -0.41 0.00	42.37 -0.65 0.00	51.82 0.10 0.00	56.57 -0.40 0.00	56.40 -0.63 0.00	60.72 -0.68 0.00	53.83 -0.65 0.00	52.66 -0.48 0.00	49.49 -0.45 0.00	45.25 -0.41 0.00	43.97 -0.40 0.00	44.82 -0.68 0.00	60.39 -0.86 0.00	65.27 -1.20 0.00	61.45 -1.00 0.00	60.80 -0.93 0.00	60.12 -0.92 0.00	40.60 -1.26 0.00	40.65 -1.21 0.00	47.62 -1.02 0.00
NEG NORTH___ALICE_FALLS 23915	45.86 -0.56 0.00	42.61 -0.61 0.00	42.23 -0.60 0.00	40.51 -0.53 0.00	40.51 -0.49 0.00	42.33 -0.69 0.00	51.77 0.05 0.00	56.51 -0.46 0.00	56.40 -0.63 0.00	60.72 -0.68 0.00	53.88 -0.60 0.00	52.77 -0.37 0.00	49.59 -0.35 0.00	45.34 -0.32 0.00	44.02 -0.35 0.00	44.82 -0.68 0.00	60.39 -0.86 0.00	65.27 -1.20 0.00	61.51 -0.94 0.00	60.74 -0.99 0.00	60.12 -0.92 0.00	40.65 -1.21 0.00	40.69 -1.17 0.00	47.57 -1.07 0.00
NEG NORTH___LWR_SARANAC 23913	45.86 -0.56 0.00	42.61 -0.61 0.00	42.23 -0.60 0.00	40.51 -0.53 0.00	40.51 -0.49 0.00	42.33 -0.69 0.00	51.77 0.05 0.00	56.51 -0.46 0.00	56.40 -0.63 0.00	60.72 -0.68 0.00	53.88 -0.60 0.00	52.77 -0.37 0.00	49.59 -0.35 0.00	45.34 -0.32 0.00	44.02 -0.35 0.00	44.82 -0.68 0.00	60.39 -0.86 0.00	65.27 -1.20 0.00	61.51 -0.94 0.00	60.74 -0.99 0.00	60.12 -0.92 0.00	40.65 -1.21 0.00	40.69 -1.17 0.00	47.57 -1.07 0.00
NEG NORTH___PLATTSBURG 23628	45.86 -0.56 0.00	42.61 -0.61 0.00	42.23 -0.60 0.00	40.51 -0.53 0.00	40.51 -0.49 0.00	42.33 -0.69 0.00	51.77 0.05 0.00	56.51 -0.46 0.00	56.40 -0.63 0.00	60.72 -0.68 0.00	53.88 -0.60 0.00	52.77 -0.37 0.00	49.59 -0.35 0.00	45.34 -0.32 0.00	44.02 -0.35 0.00	44.82 -0.68 0.00	60.39 -0.86 0.00	65.27 -1.20 0.00	61.51 -0.94 0.00	60.74 -0.99 0.00	60.12 -0.92 0.00	40.65 -1.21 0.00	40.69 -1.17 0.00	47.57 -1.07 0.00
NEG WEST_LEA_LOCKPORT 23791	41.78 -4.64 0.00	38.90 -4.32 0.00	38.68 -4.15 0.00	37.06 -3.98 0.00	37.06 -3.94 0.00	39.28 -3.74 0.00	45.15 -6.57 0.00	51.50 -5.47 0.00	51.16 -5.87 0.00	55.20 -6.20 0.00	48.70 -5.78 0.00	47.45 -5.69 0.00	45.00 -4.94 0.00	41.28 -4.38 0.00	40.02 -4.35 0.00	41.31 -4.19 0.00	55.25 -6.00 0.00	60.55 -5.92 0.00	56.64 -5.81 0.00	55.37 -6.36 0.00	55.30 -5.74 0.00	38.30 -3.56 0.00	37.80 -4.06 0.00	42.66 -5.98 0.00



NEG WEST___LANCASTR 23811	41.31 -5.11 0.00	38.60 -4.62 0.00	38.46 -4.37 0.00	36.85 -4.19 0.00	36.82 -4.18 0.00	38.98 -4.04 0.00	45.46 -6.26 0.00	51.96 -5.01 0.00	51.95 -5.08 0.00	56.06 -5.34 0.00	49.52 -4.96 0.00	48.25 -4.89 0.00	45.69 -4.25 0.00	41.87 -3.79 0.00	40.55 -3.82 0.00	42.13 -3.37 0.00	56.53 -4.72 0.00	62.08 -4.39 0.00	57.95 -4.50 0.00	56.61 -5.12 0.00	56.28 -4.76 0.00	38.51 -3.35 0.00	38.01 -3.85 0.00	43.00 -5.64 0.00
NEG_PENN_ALLEGHNY 23528	44.98 -1.44 0.00	41.97 -1.25 0.00	41.63 -1.20 0.00	39.89 -1.15 0.00	39.85 -1.15 0.00	41.90 -1.12 0.00	50.06 -1.66 0.00	55.77 -1.20 0.00	56.17 -0.86 0.00	60.48 -0.92 0.00	53.66 -0.82 0.00	52.34 -0.80 0.00	49.04 -0.90 0.00	44.84 -0.82 0.00	43.53 -0.84 0.00	44.91 -0.59 0.00	60.39 -0.86 0.00	65.94 -0.53 0.00	61.70 -0.75 0.00	60.74 -0.99 0.00	60.00 -1.04 0.00	41.27 -0.59 0.00	41.11 -0.75 0.00	47.33 -1.31 0.00
NEG___GEN_MONROE 24207	44.38 -2.04 0.00	41.36 -1.86 0.00	41.07 -1.76 0.00	39.32 -1.72 0.00	39.32 -1.68 0.00	41.82 -1.20 0.00	49.08 -2.64 0.00	55.49 -1.48 0.00	55.60 -1.43 0.00	59.93 -1.47 0.00	53.06 -1.42 0.00	51.71 -1.43 0.00	48.69 -1.25 0.00	44.56 -1.10 0.00	43.26 -1.11 0.00	44.59 -0.91 0.00	59.84 -1.41 0.00	65.61 -0.86 0.00	61.39 -1.06 0.00	60.31 -1.42 0.00	59.88 -1.16 0.00	41.44 -0.42 0.00	40.94 -0.92 0.00	46.45 -2.19 0.00
NEPA___ENERGY 23901	40.52 -5.90 0.00	37.95 -5.27 0.00	37.86 -4.97 0.00	36.28 -4.76 0.00	36.24 -4.76 0.00	38.20 -4.82 0.00	44.94 -6.78 0.00	50.82 -6.15 0.00	50.70 -6.33 0.00	54.77 -6.63 0.00	48.49 -5.99 0.00	47.24 -5.90 0.00	44.85 -5.09 0.00	41.05 -4.61 0.00	39.76 -4.61 0.00	41.50 -4.00 0.00	55.62 -5.63 0.00	61.02 -5.45 0.00	56.83 -5.62 0.00	55.50 -6.23 0.00	55.06 -5.98 0.00	37.88 -3.98 0.00	37.42 -4.44 0.00	42.56 -6.08 0.00
NEVERSINK___HYD 23608	48.00 1.58 0.00	44.69 1.47 0.00	44.29 1.46 0.00	42.35 1.31 0.00	42.27 1.27 0.00	44.57 1.55 0.00	53.43 1.71 0.00	59.19 2.22 0.00	59.48 2.45 0.00	64.10 2.70 0.00	56.88 2.40 0.00	55.48 2.34 0.00	52.24 2.30 0.00	47.71 2.05 0.00	46.41 2.04 0.00	47.50 2.00 0.00	64.01 2.76 0.00	69.59 3.12 0.00	65.26 2.81 0.00	64.63 2.90 0.00	63.79 2.75 0.00	43.95 2.09 0.00	44.00 2.14 0.00	50.54 1.90 0.00
NIAGARA____ 23760	41.78 -4.64 0.00	38.85 -4.37 0.00	38.63 -4.20 0.00	37.02 -4.02 0.00	37.02 -3.98 0.00	39.15 -3.87 0.00	44.94 -6.78 0.00	51.27 -5.70 0.00	50.93 -6.10 0.00	54.89 -6.51 0.00	48.49 -5.99 0.00	47.24 -5.90 0.00	44.65 -5.29 0.00	40.96 -4.70 0.00	39.71 -4.66 0.00	41.00 -4.50 0.00	54.94 -6.31 0.00	60.09 -6.38 0.00	56.21 -6.24 0.00	55.00 -6.73 0.00	54.94 -6.10 0.00	38.05 -3.81 0.00	37.59 -4.27 0.00	42.41 -6.23 0.00
NINE_MILE_1 23575	45.26 -1.16 0.00	42.14 -1.08 0.00	41.80 -1.03 0.00	40.01 -1.03 0.00	40.02 -0.98 0.00	41.94 -1.08 0.00	50.17 -1.55 0.00	55.55 -1.42 0.00	55.60 -1.43 0.00	59.86 -1.54 0.00	53.12 -1.36 0.00	51.76 -1.38 0.00	48.64 -1.30 0.00	44.47 -1.19 0.00	43.22 -1.15 0.00	44.36 -1.14 0.00	59.72 -1.53 0.00	65.01 -1.46 0.00	61.01 -1.44 0.00	60.19 -1.54 0.00	59.51 -1.53 0.00	40.94 -0.92 0.00	40.90 -0.96 0.00	47.42 -1.22 0.00
NINE_MILE_2 23744	45.26 -1.16 0.00	42.18 -1.04 0.00	41.80 -1.03 0.00	40.06 -0.98 0.00	40.02 -0.98 0.00	41.94 -1.08 0.00	50.17 -1.55 0.00	55.55 -1.42 0.00	55.60 -1.43 0.00	59.86 -1.54 0.00	53.12 -1.36 0.00	51.81 -1.33 0.00	48.64 -1.30 0.00	44.52 -1.14 0.00	43.22 -1.15 0.00	44.41 -1.09 0.00	59.72 -1.53 0.00	65.01 -1.46 0.00	61.01 -1.44 0.00	60.19 -1.54 0.00	59.57 -1.47 0.00	40.94 -0.92 0.00	40.90 -0.96 0.00	47.42 -1.22 0.00
NM_CAPITAL___DRP 24208	47.72 1.30 0.00	44.47 1.25 0.00	44.07 1.24 0.00	42.15 1.11 0.00	42.07 1.07 0.00	44.40 1.38 0.00	53.27 1.55 0.00	58.79 1.82 0.00	59.03 2.00 0.00	63.55 2.15 0.00	56.44 1.96 0.00	55.00 1.86 0.00	51.69 1.75 0.00	47.26 1.60 0.00	45.92 1.55 0.00	47.14 1.64 0.00	63.52 2.27 0.00	69.13 2.66 0.00	64.89 2.44 0.00	64.08 2.35 0.00	63.30 2.26 0.00	43.58 1.72 0.00	43.58 1.72 0.00	50.39 1.75 0.00
NM_CENTRAL___DRP 24181	45.68 -0.74 0.00	42.57 -0.65 0.00	42.19 -0.64 0.00	40.38 -0.66 0.00	40.39 -0.61 0.00	42.37 -0.65 0.00	50.58 -1.14 0.00	56.06 -0.91 0.00	56.12 -0.91 0.00	60.29 -1.11 0.00	53.61 -0.87 0.00	52.24 -0.90 0.00	49.09 -0.85 0.00	44.88 -0.78 0.00	43.62 -0.75 0.00	44.82 -0.68 0.00	60.27 -0.98 0.00	65.67 -0.80 0.00	61.64 -0.81 0.00	60.74 -0.99 0.00	60.12 -0.92 0.00	41.44 -0.42 0.00	41.40 -0.46 0.00	47.91 -0.73 0.00
NM_FRONTIER___DRP 24179	41.96 -4.46 0.00	39.03 -4.19 0.00	38.85 -3.98 0.00	37.22 -3.82 0.00	37.23 -3.77 0.00	39.36 -3.66 0.00	45.20 -6.52 0.00	51.73 -5.24 0.00	51.38 -5.65 0.00	55.38 -6.02 0.00	48.87 -5.61 0.00	47.61 -5.53 0.00	45.05 -4.89 0.00	41.32 -4.34 0.00	40.07 -4.30 0.00	41.36 -4.14 0.00	55.43 -5.82 0.00	60.75 -5.72 0.00	56.83 -5.62 0.00	55.56 -6.17 0.00	55.49 -5.55 0.00	38.34 -3.52 0.00	37.84 -4.02 0.00	42.66 -5.98 0.00
NM_ST_REGIS___HYD 24053	46.10 -0.32 0.00	42.74 -0.48 0.00	42.36 -0.47 0.00	40.63 -0.41 0.00	40.67 -0.33 0.00	42.50 -0.52 0.00	52.19 0.47 0.00	57.03 0.06 0.00	56.92 -0.11 0.00	61.28 -0.12 0.00	54.37 -0.11 0.00	53.19 0.05 0.00	49.94 0.00 0.00	45.66 0.00 0.00	44.33 -0.04 0.00	45.23 -0.27 0.00	61.01 -0.24 0.00	66.00 -0.47 0.00	62.20 -0.25 0.00	61.48 -0.25 0.00	60.73 -0.31 0.00	40.98 -0.88 0.00	40.94 -0.92 0.00	47.86 -0.78 0.00
NORTHPORT___1 23551	48.42 2.00 0.00	45.21 1.99 0.00	44.63 1.80 0.00	42.68 1.64 0.00	42.27 1.27 0.00	44.87 1.85 0.00	53.38 1.66 0.00	60.63 2.16 -1.50	66.95 2.11 -7.81	70.59 2.27 -6.92	71.09 2.07 -14.54	69.87 1.97 -14.76	63.00 1.95 -11.11	63.17 1.74 -15.77	61.85 1.73 -15.75	63.42 1.64 -16.28	78.33 2.08 -15.00	88.26 3.19 -18.60	88.43 3.18 -22.80	78.52 3.21 -13.58	68.09 3.54 -3.51	57.09 2.55 -12.68	52.31 3.22 -7.23	51.41 2.77 0.00
NORTHPORT___2 23552	48.32 1.90 0.00	45.12 1.90 0.00	44.59 1.76 0.00	42.60 1.56 0.00	42.19 1.19 0.00	44.74 1.72 0.00	53.43 1.71 0.00	60.63 2.16 -1.50	66.95 2.11 -7.81	70.59 2.27 -6.92	71.09 2.07 -14.54	69.87 1.97 -14.76	63.00 1.95 -11.11	63.17 1.74 -15.77	61.85 1.73 -15.75	63.46 1.68 -16.28	78.33 2.08 -15.00	88.26 3.19 -18.60	88.43 3.18 -22.80	78.58 3.27 -13.58	68.09 3.54 -3.51	57.09 2.55 -12.68	52.19 3.10 -7.23	51.36 2.72 0.00
NORTHPORT___3 23553	48.79 2.37 0.00	45.47 2.25 0.00	44.93 2.10 0.00	43.01 1.97 0.00	42.68 1.68 0.00	45.17 2.15 0.00	54.10 2.38 0.00	61.43 2.96 -1.50	67.75 2.91 -7.81	71.57 3.25 -6.92	71.96 2.94 -14.54	70.72 2.82 -14.76	63.80 2.75 -11.11	63.90 2.47 -15.77	62.56 2.44 -15.75	64.19 2.41 -16.28	79.31 3.06 -15.00	89.32 4.25 -18.60	89.43 4.18 -22.80	79.38 4.07 -13.58	68.88 4.33 -3.51	57.68 3.14 -12.68	52.52 3.43 -7.23	51.80 3.16 0.00
NORTHPORT___4 23650	48.65 2.23 0.00	45.34 2.12 0.00	44.80 1.97 0.00	42.89 1.85 0.00	42.56 1.56 0.00	45.00 1.98 0.00	53.84 2.12 0.00	61.15 2.68 -1.50	67.52 2.68 -7.81	71.33 3.01 -6.92	71.69 2.67 -14.54	70.45 2.55 -14.76	63.55 2.50 -11.11	63.67 2.24 -15.77	62.34 2.22 -15.75	63.96 2.18 -16.28	79.07 2.82 -15.00	88.99 3.92 -18.60	89.12 3.87 -22.80	79.14 3.83 -13.58	68.58 4.03 -3.51	57.51 2.97 -12.68	52.36 3.27 -7.23	51.66 3.02 0.00



NORTHPORT___IC 23718	48.51 2.09 0.00	45.29 2.07 0.00	44.71 1.88 0.00	42.76 1.72 0.00	42.35 1.35 0.00	44.96 1.94 0.00	53.63 1.91 0.00	60.92 2.45 -1.50	67.18 2.34 -7.81	70.90 2.58 -6.92	71.31 2.29 -14.54	70.08 2.18 -14.76	63.20 2.15 -11.11	63.35 1.92 -15.77	62.03 1.91 -15.75	63.65 1.87 -16.28	78.58 2.33 -15.00	88.53 3.46 -18.60	88.75 3.50 -22.80	78.83 3.52 -13.58	68.33 3.78 -3.51	57.26 2.72 -12.68	52.36 3.27 -7.23	51.51 2.87 0.00
NSINS_S_GLNS_FALLS 23858	47.21 0.79 0.00	43.91 0.69 0.00	43.47 0.64 0.00	41.61 0.57 0.00	41.53 0.53 0.00	43.97 0.95 0.00	52.39 0.67 0.00	57.54 0.57 0.00	57.77 0.74 0.00	62.26 0.86 0.00	55.24 0.76 0.00	53.83 0.69 0.00	50.59 0.65 0.00	46.25 0.59 0.00	44.95 0.58 0.00	46.09 0.59 0.00	62.35 1.10 0.00	67.93 1.46 0.00	63.70 1.25 0.00	62.90 1.17 0.00	62.14 1.10 0.00	43.33 1.47 0.00	43.12 1.26 0.00	50.00 1.36 0.00
NUCOR_STEEL___DRP 24197	44.28 -2.14 0.00	41.23 -1.99 0.00	40.86 -1.97 0.00	39.11 -1.93 0.00	39.11 -1.89 0.00	41.30 -1.72 0.00	49.60 -2.12 0.00	55.55 -1.42 0.00	55.66 -1.37 0.00	59.86 -1.54 0.00	53.12 -1.36 0.00	51.76 -1.38 0.00	48.64 -1.30 0.00	44.47 -1.19 0.00	43.17 -1.20 0.00	44.41 -1.09 0.00	59.90 -1.35 0.00	65.54 -0.93 0.00	61.45 -1.00 0.00	60.50 -1.23 0.00	59.70 -1.34 0.00	40.98 -0.88 0.00	40.65 -1.21 0.00	46.69 -1.95 0.00
NYISO_LBMP_REFERENCE 24008	46.42 0.00 0.00	43.22 0.00 0.00	42.83 0.00 0.00	41.04 0.00 0.00	41.00 0.00 0.00	43.02 0.00 0.00	51.72 0.00 0.00	56.97 0.00 0.00	57.03 0.00 0.00	61.40 0.00 0.00	54.48 0.00 0.00	53.14 0.00 0.00	49.94 0.00 0.00	45.66 0.00 0.00	44.37 0.00 0.00	45.50 0.00 0.00	61.25 0.00 0.00	66.47 0.00 0.00	62.45 0.00 0.00	61.73 0.00 0.00	61.04 0.00 0.00	41.86 0.00 0.00	41.86 0.00 0.00	48.64 0.00 0.00
NYPA_BRENTWD___GT 24164	48.97 2.55 0.00	45.73 2.51 0.00	45.14 2.31 0.00	43.13 2.09 0.00	42.72 1.72 0.00	45.39 2.37 0.00	54.41 2.69 0.00	61.77 3.30 -1.50	68.15 3.31 -7.81	71.70 3.38 -6.92	72.07 3.05 -14.54	70.82 2.92 -14.76	63.90 2.85 -11.11	63.99 2.56 -15.77	62.65 2.53 -15.75	64.24 2.46 -16.28	79.43 3.18 -15.00	89.59 4.52 -18.60	89.75 4.50 -22.80	79.82 4.51 -13.58	69.56 5.01 -3.51	58.06 3.52 -12.68	52.94 3.85 -7.23	52.04 3.40 0.00
NYPA_GOWANUS___GT5 24156	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.29 3.27 0.00	55.34 3.62 0.00	63.08 4.61 -1.50	69.46 4.62 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.26 4.36 -14.76	65.15 4.10 -11.11	65.17 3.74 -15.77	63.80 3.68 -15.75	65.56 3.78 -16.28	81.46 5.21 -15.00	90.39 5.32 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.37 4.82 -3.51	58.39 3.85 -12.68	53.19 4.10 -7.23	52.58 3.94 0.00
NYPA_GOWANUS___GT6 24157	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.29 3.27 0.00	55.34 3.62 0.00	63.08 4.61 -1.50	69.46 4.62 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.26 4.36 -14.76	65.15 4.10 -11.11	65.17 3.74 -15.77	63.80 3.68 -15.75	65.56 3.78 -16.28	81.46 5.21 -15.00	90.39 5.32 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.37 4.82 -3.51	58.39 3.85 -12.68	53.19 4.10 -7.23	52.58 3.94 0.00
NYPA_HARLEM__RVR__GT1 24160	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.75 2.75 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.06 4.99 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.19 4.10 -7.23	52.73 4.09 0.00
NYPA_HARLEM__RVR__GT2 24161	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.75 2.75 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.06 4.99 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.19 4.10 -7.23	52.73 4.09 0.00
NYPA_KENT___GT 24152	49.62 3.20 0.00	46.29 3.07 0.00	45.83 3.00 0.00	43.79 2.75 0.00	43.62 2.62 0.00	46.29 3.27 0.00	55.29 3.57 0.00	62.97 4.50 -1.50	69.35 4.51 -7.81	73.23 4.91 -6.92	73.43 4.41 -14.54	72.15 4.25 -14.76	65.10 4.05 -11.11	65.13 3.70 -15.77	63.71 3.59 -15.75	65.47 3.69 -16.28	81.33 5.08 -15.00	90.32 5.25 -18.60	90.12 4.87 -22.80	80.12 4.81 -13.58	69.31 4.76 -3.51	58.35 3.81 -12.68	53.15 4.06 -7.23	52.53 3.89 0.00
NYPA_POUCH1___GT 24155	49.67 3.25 0.00	46.37 3.15 0.00	45.87 3.04 0.00	43.83 2.79 0.00	43.67 2.67 0.00	46.33 3.31 0.00	55.34 3.62 0.00	63.14 4.67 -1.50	69.52 4.68 -7.81	73.36 5.04 -6.92	73.54 4.52 -14.54	72.31 4.41 -14.76	65.20 4.15 -11.11	65.22 3.79 -15.77	63.85 3.73 -15.75	65.60 3.82 -16.28	81.52 5.27 -15.00	90.45 5.38 -18.60	90.25 5.00 -22.80	80.25 4.94 -13.58	69.43 4.88 -3.51	58.43 3.89 -12.68	53.23 4.14 -7.23	52.58 3.94 0.00
NYPA_VERNON___GT2 24162	49.58 3.16 0.00	46.25 3.03 0.00	45.79 2.96 0.00	43.71 2.67 0.00	43.54 2.54 0.00	46.25 3.23 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.23 4.39 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	72.05 4.15 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.15 4.90 -15.00	90.25 5.18 -18.60	90.00 4.75 -22.80	80.00 4.69 -13.58	69.19 4.64 -3.51	58.27 3.73 -12.68	53.07 3.98 -7.23	52.48 3.84 0.00
NYPA_VERNON___GT3 24163	49.58 3.16 0.00	46.25 3.03 0.00	45.79 2.96 0.00	43.71 2.67 0.00	43.54 2.54 0.00	46.25 3.23 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.23 4.39 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	72.05 4.15 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.15 4.90 -15.00	90.25 5.18 -18.60	90.00 4.75 -22.80	80.00 4.69 -13.58	69.19 4.64 -3.51	58.27 3.73 -12.68	53.07 3.98 -7.23	52.48 3.84 0.00
NYPA___HOLTSVILL 23794	48.65 2.23 0.00	45.47 2.25 0.00	44.93 2.10 0.00	42.93 1.89 0.00	42.43 1.43 0.00	45.08 2.06 0.00	54.10 2.38 0.00	61.38 2.91 -1.50	67.63 2.79 -7.81	71.33 3.01 -6.92	71.74 2.72 -14.54	70.50 2.60 -14.76	63.60 2.55 -11.11	63.71 2.28 -15.77	62.38 2.26 -15.75	64.01 2.23 -16.28	79.07 2.82 -15.00	89.12 4.05 -18.60	89.31 4.06 -22.80	79.45 4.14 -13.58	69.01 4.46 -3.51	57.68 3.14 -12.68	52.61 3.52 -7.23	51.66 3.02 0.00
NYPA___HELLGATE_GT1 24158	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.75 2.75 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.06 4.99 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.19 4.10 -7.23	52.73 4.09 0.00
NYPA___HELLGATE_GT2 24159	49.86 3.44 0.00	46.37 3.15 0.00	46.00 3.17 0.00	43.91 2.87 0.00	43.75 2.75 0.00	46.46 3.44 0.00	55.44 3.72 0.00	63.08 4.61 -1.50	69.12 4.28 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.94 4.04 -14.76	64.85 3.80 -11.11	64.95 3.52 -15.77	63.76 3.64 -15.75	65.51 3.73 -16.28	81.09 4.84 -15.00	90.06 4.99 -18.60	89.75 4.50 -22.80	79.69 4.38 -13.58	68.95 4.40 -3.51	58.43 3.89 -12.68	53.19 4.10 -7.23	52.73 4.09 0.00



O.H_GEN_BRUCE 24063	36.68 -4.64 5.10	38.85 -4.37 0.00	38.63 -4.20 0.00	37.02 -4.02 0.00	37.02 -3.98 0.00	39.15 -3.87 0.00	45.00 -6.72 0.00	51.33 -5.64 0.00	50.99 -6.04 0.00	54.95 -6.45 0.00	48.54 -5.94 0.00	47.29 -5.85 0.00	44.75 -5.19 0.00	41.00 -4.66 0.00	39.76 -4.61 0.00	41.04 -4.46 0.00	55.00 -6.25 0.00	60.16 -6.31 0.00	56.33 -6.12 0.00	55.06 -6.67 0.00	55.00 -6.04 0.00	38.09 -3.77 0.00	37.63 -4.23 0.00	42.51 -6.13 0.00
OAK ORCHARD___HYD 24046	44.10 -2.32 0.00	41.10 -2.12 0.00	40.77 -2.06 0.00	39.07 -1.97 0.00	39.07 -1.93 0.00	41.43 -1.59 0.00	48.93 -2.79 0.00	55.15 -1.82 0.00	55.21 -1.82 0.00	59.44 -1.96 0.00	52.63 -1.85 0.00	51.33 -1.81 0.00	48.29 -1.65 0.00	44.20 -1.46 0.00	42.91 -1.46 0.00	44.18 -1.32 0.00	59.35 -1.90 0.00	64.94 -1.53 0.00	60.83 -1.62 0.00	59.82 -1.91 0.00	59.39 -1.65 0.00	40.94 -0.92 0.00	40.48 -1.38 0.00	46.11 -2.53 0.00
OCC_CHEM___DRP 24175	41.96 -4.46 0.00	39.03 -4.19 0.00	38.80 -4.03 0.00	37.18 -3.86 0.00	37.19 -3.81 0.00	39.36 -3.66 0.00	45.20 -6.52 0.00	51.73 -5.24 0.00	51.38 -5.65 0.00	55.38 -6.02 0.00	48.87 -5.61 0.00	47.61 -5.53 0.00	45.05 -4.89 0.00	41.32 -4.34 0.00	40.07 -4.30 0.00	41.36 -4.14 0.00	55.43 -5.82 0.00	60.69 -5.78 0.00	56.77 -5.68 0.00	55.56 -6.17 0.00	55.49 -5.55 0.00	38.30 -3.56 0.00	37.80 -4.06 0.00	42.66 -5.98 0.00
OLIN_CORP_DRP 24177	41.87 -4.55 0.00	38.94 -4.28 0.00	38.76 -4.07 0.00	37.14 -3.90 0.00	37.15 -3.85 0.00	39.32 -3.70 0.00	45.15 -6.57 0.00	51.67 -5.30 0.00	51.33 -5.70 0.00	55.32 -6.08 0.00	48.81 -5.67 0.00	47.56 -5.58 0.00	45.00 -4.94 0.00	41.28 -4.38 0.00	40.02 -4.35 0.00	41.31 -4.19 0.00	55.37 -5.88 0.00	60.69 -5.78 0.00	56.70 -5.75 0.00	55.50 -6.23 0.00	55.42 -5.62 0.00	38.30 -3.56 0.00	37.80 -4.06 0.00	42.61 -6.03 0.00
ONONDAGA_REF_OCCRA 23987	45.58 -0.84 0.00	42.49 -0.73 0.00	42.10 -0.73 0.00	40.34 -0.70 0.00	40.30 -0.70 0.00	42.37 -0.65 0.00	50.69 -1.03 0.00	56.17 -0.80 0.00	56.23 -0.80 0.00	60.48 -0.92 0.00	53.77 -0.71 0.00	52.40 -0.74 0.00	49.24 -0.70 0.00	45.02 -0.64 0.00	43.75 -0.62 0.00	44.95 -0.55 0.00	60.45 -0.80 0.00	65.94 -0.53 0.00	61.89 -0.56 0.00	60.99 -0.74 0.00	60.25 -0.79 0.00	41.53 -0.33 0.00	41.44 -0.42 0.00	47.91 -0.73 0.00
ONONDAGA___COGEN 23986	45.45 -0.97 0.00	42.44 -0.78 0.00	42.06 -0.77 0.00	40.26 -0.78 0.00	40.26 -0.74 0.00	42.33 -0.69 0.00	50.58 -1.14 0.00	56.12 -0.85 0.00	56.23 -0.80 0.00	60.54 -0.86 0.00	53.77 -0.71 0.00	52.40 -0.74 0.00	49.24 -0.70 0.00	45.07 -0.59 0.00	43.75 -0.62 0.00	44.95 -0.55 0.00	60.52 -0.73 0.00	66.00 -0.47 0.00	61.95 -0.50 0.00	60.99 -0.74 0.00	60.31 -0.73 0.00	41.61 -0.25 0.00	41.44 -0.42 0.00	47.81 -0.83 0.00
OSWEGATCHIE___HYD 24044	46.14 -0.28 0.00	42.83 -0.39 0.00	42.40 -0.43 0.00	40.63 -0.41 0.00	40.67 -0.33 0.00	42.68 -0.34 0.00	52.13 0.41 0.00	57.25 0.28 0.00	57.26 0.23 0.00	62.08 0.68 0.00	55.02 0.54 0.00	53.72 0.58 0.00	50.44 0.50 0.00	46.12 0.46 0.00	44.77 0.40 0.00	45.77 0.27 0.00	61.92 0.67 0.00	67.40 0.93 0.00	63.45 1.00 0.00	62.53 0.80 0.00	61.65 0.61 0.00	41.82 -0.04 0.00	41.57 -0.29 0.00	48.40 -0.24 0.00
OSWEGO___5 23606	45.40 -1.02 0.00	42.27 -0.95 0.00	41.93 -0.90 0.00	40.14 -0.90 0.00	40.10 -0.90 0.00	42.12 -0.90 0.00	50.32 -1.40 0.00	55.77 -1.20 0.00	55.83 -1.20 0.00	60.11 -1.29 0.00	53.34 -1.14 0.00	51.97 -1.17 0.00	48.84 -1.10 0.00	44.66 -1.00 0.00	43.39 -0.98 0.00	44.59 -0.91 0.00	59.96 -1.29 0.00	65.27 -1.20 0.00	61.26 -1.19 0.00	60.43 -1.30 0.00	59.76 -1.28 0.00	41.11 -0.75 0.00	41.06 -0.80 0.00	47.57 -1.07 0.00
OSWEGO___6 23613	45.40 -1.02 0.00	42.27 -0.95 0.00	41.93 -0.90 0.00	40.14 -0.90 0.00	40.10 -0.90 0.00	42.12 -0.90 0.00	50.32 -1.40 0.00	55.77 -1.20 0.00	55.83 -1.20 0.00	60.11 -1.29 0.00	53.34 -1.14 0.00	51.97 -1.17 0.00	48.84 -1.10 0.00	44.66 -1.00 0.00	43.39 -0.98 0.00	44.59 -0.91 0.00	59.96 -1.29 0.00	65.27 -1.20 0.00	61.26 -1.19 0.00	60.43 -1.30 0.00	59.76 -1.28 0.00	41.11 -0.75 0.00	41.06 -0.80 0.00	47.57 -1.07 0.00
OUTOKUMPU-AB___DRP 24206	41.96 -4.46 0.00	39.07 -4.15 0.00	38.85 -3.98 0.00	37.26 -3.78 0.00	37.27 -3.73 0.00	39.49 -3.53 0.00	45.46 -6.26 0.00	51.84 -5.13 0.00	51.61 -5.42 0.00	55.63 -5.77 0.00	49.09 -5.39 0.00	47.77 -5.37 0.00	45.25 -4.69 0.00	41.55 -4.11 0.00	40.29 -4.08 0.00	41.59 -3.91 0.00	55.68 -5.57 0.00	61.15 -5.32 0.00	57.14 -5.31 0.00	55.87 -5.86 0.00	55.73 -5.31 0.00	38.39 -3.47 0.00	37.92 -3.94 0.00	42.75 -5.89 0.00
OXBOW___ 24026	41.82 -4.60 0.00	38.94 -4.28 0.00	38.76 -4.07 0.00	37.14 -3.90 0.00	37.15 -3.85 0.00	39.36 -3.66 0.00	45.25 -6.47 0.00	51.67 -5.30 0.00	51.38 -5.65 0.00	55.38 -6.02 0.00	48.87 -5.61 0.00	47.61 -5.53 0.00	45.10 -4.84 0.00	41.37 -4.29 0.00	40.11 -4.26 0.00	41.40 -4.10 0.00	55.43 -5.82 0.00	60.75 -5.72 0.00	56.83 -5.62 0.00	55.62 -6.11 0.00	55.49 -5.55 0.00	38.26 -3.60 0.00	37.80 -4.06 0.00	42.61 -6.03 0.00
PEEKSKILL___ 23653	48.83 2.41 0.00	45.47 2.25 0.00	45.06 2.23 0.00	43.05 2.01 0.00	42.89 1.89 0.00	45.47 2.45 0.00	54.36 2.64 0.00	61.83 3.36 -1.50	68.38 3.54 -7.81	72.19 3.87 -6.92	72.45 3.43 -14.54	71.25 3.35 -14.76	64.25 3.20 -11.11	64.35 2.92 -15.77	63.00 2.88 -15.75	64.69 2.91 -16.28	80.23 3.98 -15.00	89.46 4.39 -18.60	89.25 4.00 -22.80	79.32 4.01 -13.58	68.46 3.91 -3.51	57.55 3.01 -12.68	52.31 3.22 -7.23	51.61 2.97 0.00
PGE MADISON___WINDPWR 24146	45.72 -0.70 0.00	42.53 -0.69 0.00	42.14 -0.69 0.00	40.34 -0.70 0.00	40.34 -0.66 0.00	42.72 -0.30 0.00	51.51 -0.21 0.00	57.77 0.80 0.00	58.74 1.71 0.00	63.18 1.78 0.00	56.06 1.58 0.00	54.57 1.43 0.00	51.14 1.20 0.00	46.76 1.10 0.00	45.39 1.02 0.00	46.77 1.27 0.00	63.27 2.02 0.00	69.46 2.99 0.00	65.07 2.62 0.00	63.89 2.16 0.00	62.93 1.89 0.00	43.07 1.21 0.00	42.61 0.75 0.00	48.74 0.10 0.00
PJM_GEN_KEYSTONE 24065	27.99 -5.25 13.18	18.00 -4.67 20.55	17.01 -4.45 21.37	17.00 -4.27 19.77	17.00 -4.26 19.74	20.01 -4.30 18.71	35.99 -5.95 9.78	38.00 -5.36 13.61	49.76 -5.53 1.74	49.75 -5.83 5.82	49.25 -5.23 0.00	47.99 -5.15 0.00	44.74 -4.45 0.75	39.99 -4.02 1.65	40.00 -3.99 0.38	42.09 -3.41 0.00	56.47 -4.78 0.00	60.00 -4.59 1.88	52.00 -4.81 5.64	50.00 -5.31 6.42	42.00 -5.19 13.85	34.00 -3.47 4.39	26.00 -3.89 11.97	20.00 -5.30 23.34
PLEASANTVLY___LBMP 24000	48.56 2.14 0.00	45.25 2.03 0.00	44.80 1.97 0.00	42.85 1.81 0.00	42.68 1.68 0.00	45.17 2.15 0.00	54.00 2.28 0.00	59.88 2.91 0.00	60.11 3.08 0.00	64.72 3.32 0.00	57.48 3.00 0.00	56.01 2.87 0.00	52.69 2.75 0.00	48.17 2.51 0.00	46.85 2.48 0.00	48.00 2.50 0.00	64.68 3.43 0.00	70.26 3.79 0.00	65.88 3.43 0.00	65.19 3.46 0.00	64.40 3.36 0.00	44.50 2.64 0.00	44.66 2.80 0.00	51.36 2.72 0.00
POLETTI___ 23519	49.02 2.60 0.00	45.86 2.64 0.00	45.40 2.57 0.00	43.34 2.30 0.00	43.17 2.17 0.00	45.90 2.88 0.00	54.62 2.90 0.00	62.23 3.76 -1.50	68.77 3.93 -7.81	72.62 4.30 -6.92	72.83 3.81 -14.54	71.62 3.72 -14.76	64.60 3.55 -11.11	64.67 3.24 -15.77	63.31 3.19 -15.75	65.01 3.23 -16.28	80.60 4.35 -15.00	89.72 4.65 -18.60	89.50 4.25 -22.80	79.57 4.26 -13.58	68.76 4.21 -3.51	57.85 3.31 -12.68	52.61 3.52 -7.23	51.95 3.31 0.00



PORT_JEFF_3 23555	48.56 2.14 0.00	45.55 2.33 0.00	45.01 2.18 0.00	43.01 1.97 0.00	42.35 1.35 0.00	45.00 1.98 0.00	54.05 2.33 0.00	61.32 2.85 -1.50	67.58 2.74 -7.81	71.21 2.89 -6.92	71.64 2.62 -14.54	70.40 2.50 -14.76	63.50 2.45 -11.11	63.62 2.19 -15.77	62.29 2.17 -15.75	63.87 2.09 -16.28	78.88 2.63 -15.00	88.93 3.86 -18.60	89.12 3.87 -22.80	79.38 4.07 -13.58	68.88 4.33 -3.51	57.60 3.06 -12.68	52.61 3.52 -7.23	51.61 2.97 0.00
PORT_JEFF_4 23616	48.32 1.90 0.00	45.51 2.29 0.00	44.93 2.10 0.00	42.97 1.93 0.00	42.15 1.15 0.00	44.74 1.72 0.00	53.74 2.02 0.00	60.98 2.51 -1.50	67.24 2.40 -7.81	70.84 2.52 -6.92	71.31 2.29 -14.54	70.08 2.18 -14.76	63.20 2.15 -11.11	63.35 1.92 -15.77	62.03 1.91 -15.75	63.60 1.82 -16.28	78.52 2.27 -15.00	88.53 3.46 -18.60	88.75 3.50 -22.80	79.01 3.70 -13.58	68.52 3.97 -3.51	57.34 2.80 -12.68	52.36 3.27 -7.23	51.32 2.68 0.00
PORT_JEFF_IC 23713	48.60 2.18 0.00	45.60 2.38 0.00	45.01 2.18 0.00	43.01 1.97 0.00	42.39 1.39 0.00	45.04 2.02 0.00	54.15 2.43 0.00	61.43 2.96 -1.50	67.58 2.74 -7.81	71.08 2.76 -6.92	71.53 2.51 -14.54	70.29 2.39 -14.76	63.40 2.35 -11.11	63.53 2.10 -15.77	62.21 2.09 -15.75	63.83 2.05 -16.28	78.76 2.51 -15.00	88.79 3.72 -18.60	89.06 3.81 -22.80	79.32 4.01 -13.58	68.82 4.27 -3.51	57.51 2.97 -12.68	52.69 3.60 -7.23	51.66 3.02 0.00
PPL PILGRIM_ST_GT1 24216	48.97 2.55 0.00	45.73 2.51 0.00	45.14 2.31 0.00	43.13 2.09 0.00	42.72 1.72 0.00	45.39 2.37 0.00	54.41 2.69 0.00	61.77 3.30 -1.50	68.15 3.31 -7.81	71.70 3.38 -6.92	72.07 3.05 -14.54	70.82 2.92 -14.76	63.90 2.85 -11.11	63.99 2.56 -15.77	62.65 2.53 -15.75	64.24 2.46 -16.28	79.43 3.18 -15.00	89.59 4.52 -18.60	89.75 4.50 -22.80	79.82 4.51 -13.58	69.56 5.01 -3.51	58.06 3.52 -12.68	52.94 3.85 -7.23	52.04 3.40 0.00
PPL PILGRIM_ST_GT2 24217	48.97 2.55 0.00	45.73 2.51 0.00	45.14 2.31 0.00	43.13 2.09 0.00	42.72 1.72 0.00	45.39 2.37 0.00	54.41 2.69 0.00	61.77 3.30 -1.50	68.15 3.31 -7.81	71.70 3.38 -6.92	72.07 3.05 -14.54	70.82 2.92 -14.76	63.90 2.85 -11.11	63.99 2.56 -15.77	62.65 2.53 -15.75	64.24 2.46 -16.28	79.43 3.18 -15.00	89.59 4.52 -18.60	89.75 4.50 -22.80	79.82 4.51 -13.58	69.56 5.01 -3.51	58.06 3.52 -12.68	52.94 3.85 -7.23	52.04 3.40 0.00
PPL_SHRM_GT3 24213	48.93 2.51 0.00	45.73 2.51 0.00	45.14 2.31 0.00	43.13 2.09 0.00	42.64 1.64 0.00	45.34 2.32 0.00	54.56 2.84 0.00	61.95 3.48 -1.50	68.20 3.36 -7.81	71.94 3.62 -6.92	72.29 3.27 -14.54	71.04 3.14 -14.76	64.10 3.05 -11.11	64.22 2.79 -15.77	62.83 2.71 -15.75	64.46 2.68 -16.28	79.74 3.49 -15.00	89.99 4.92 -18.60	90.12 4.87 -22.80	80.25 4.94 -13.58	69.74 5.19 -3.51	58.18 3.64 -12.68	52.90 3.81 -7.23	51.90 3.26 0.00
PPL_SHRM_GT4 24214	48.93 2.51 0.00	45.73 2.51 0.00	45.14 2.31 0.00	43.13 2.09 0.00	42.64 1.64 0.00	45.34 2.32 0.00	54.56 2.84 0.00	61.95 3.48 -1.50	68.20 3.36 -7.81	71.94 3.62 -6.92	72.29 3.27 -14.54	71.04 3.14 -14.76	64.10 3.05 -11.11	64.22 2.79 -15.77	62.83 2.71 -15.75	64.46 2.68 -16.28	79.74 3.49 -15.00	89.99 4.92 -18.60	90.12 4.87 -22.80	80.25 4.94 -13.58	69.74 5.19 -3.51	58.18 3.64 -12.68	52.90 3.81 -7.23	51.90 3.26 0.00
PROJECT___ORANGE 23990	45.68 -0.74 0.00	42.53 -0.69 0.00	42.19 -0.64 0.00	40.38 -0.66 0.00	40.34 -0.66 0.00	42.37 -0.65 0.00	50.53 -1.19 0.00	56.00 -0.97 0.00	56.00 -1.03 0.00	60.23 -1.17 0.00	53.55 -0.93 0.00	52.24 -0.90 0.00	49.04 -0.90 0.00	44.88 -0.78 0.00	43.57 -0.80 0.00	44.77 -0.73 0.00	60.15 -1.10 0.00	65.61 -0.86 0.00	61.51 -0.94 0.00	60.62 -1.11 0.00	60.00 -1.04 0.00	41.44 -0.42 0.00	41.40 -0.46 0.00	47.91 -0.73 0.00
PROJECT___ORANGE 1 24174	45.68 -0.74 0.00	42.53 -0.69 0.00	42.19 -0.64 0.00	40.38 -0.66 0.00	40.34 -0.66 0.00	42.37 -0.65 0.00	50.53 -1.19 0.00	56.00 -0.97 0.00	56.00 -1.03 0.00	60.23 -1.17 0.00	53.55 -0.93 0.00	52.24 -0.90 0.00	49.04 -0.90 0.00	44.88 -0.78 0.00	43.57 -0.80 0.00	44.77 -0.73 0.00	60.15 -1.10 0.00	65.61 -0.86 0.00	61.51 -0.94 0.00	60.62 -1.11 0.00	60.00 -1.04 0.00	41.44 -0.42 0.00	41.40 -0.46 0.00	47.91 -0.73 0.00
PROJECT___ORANGE 2 24166	45.68 -0.74 0.00	42.53 -0.69 0.00	42.19 -0.64 0.00	40.38 -0.66 0.00	40.34 -0.66 0.00	42.37 -0.65 0.00	50.53 -1.19 0.00	56.00 -0.97 0.00	56.00 -1.03 0.00	60.23 -1.17 0.00	53.55 -0.93 0.00	52.24 -0.90 0.00	49.04 -0.90 0.00	44.88 -0.78 0.00	43.57 -0.80 0.00	44.77 -0.73 0.00	60.15 -1.10 0.00	65.61 -0.86 0.00	61.51 -0.94 0.00	60.62 -1.11 0.00	60.00 -1.04 0.00	41.44 -0.42 0.00	41.40 -0.46 0.00	47.91 -0.73 0.00
PYRITES___HYD 24023	46.14 -0.28 0.00	42.79 -0.43 0.00	42.36 -0.47 0.00	40.67 -0.37 0.00	40.67 -0.33 0.00	42.59 -0.43 0.00	52.34 0.62 0.00	57.25 0.28 0.00	57.54 0.51 0.00	61.95 0.55 0.00	54.92 0.44 0.00	53.72 0.58 0.00	50.44 0.50 0.00	46.12 0.46 0.00	44.77 0.40 0.00	45.68 0.18 0.00	61.74 0.49 0.00	66.87 0.40 0.00	63.01 0.56 0.00	62.22 0.49 0.00	61.47 0.43 0.00	41.40 -0.46 0.00	41.27 -0.59 0.00	48.20 -0.44 0.00
RANKINE____ 23646	41.87 -4.55 0.00	39.07 -4.15 0.00	38.85 -3.98 0.00	37.26 -3.78 0.00	37.27 -3.73 0.00	39.45 -3.57 0.00	45.67 -6.05 0.00	52.24 -4.73 0.00	51.95 -5.08 0.00	56.00 -5.40 0.00	49.41 -5.07 0.00	48.14 -5.00 0.00	45.64 -4.30 0.00	41.82 -3.84 0.00	40.55 -3.82 0.00	41.95 -3.55 0.00	56.29 -4.96 0.00	61.75 -4.72 0.00	57.70 -4.75 0.00	56.42 -5.31 0.00	56.22 -4.82 0.00	38.64 -3.22 0.00	38.13 -3.73 0.00	43.05 -5.59 0.00
RAVENS GT4-7____ 23728	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWD GT2____ 23730	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWD GT3____ 23733	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT2_1 24244	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00



RAVENSWOOD_GT2_2 24245	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT2_3 24246	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT2_4 24247	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT3_1 24248	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT3_2 24249	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT3_3 24250	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT3_4 24251	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT_1 23729	49.58 3.16 0.00	46.25 3.03 0.00	45.79 2.96 0.00	43.71 2.67 0.00	43.54 2.54 0.00	46.25 3.23 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.23 4.39 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	72.05 4.15 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.15 4.90 -15.00	90.25 5.18 -18.60	90.00 4.75 -22.80	80.00 4.69 -13.58	69.19 4.64 -3.51	58.27 3.73 -12.68	53.07 3.98 -7.23	52.48 3.84 0.00
RAVENSWOOD_GT_10 24258	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT_11 24259	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT_4 24252	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT_5 24254	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT_6 24253	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT_7 24255	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVENSWOOD_GT_9 24257	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00



RAVENSWOOD___1 23533	49.58 3.16 0.00	46.25 3.03 0.00	45.79 2.96 0.00	43.71 2.67 0.00	43.54 2.54 0.00	46.25 3.23 0.00	55.19 3.47 0.00	62.80 4.33 -1.50	69.23 4.39 -7.81	73.05 4.73 -6.92	73.27 4.25 -14.54	72.05 4.15 -14.76	64.95 3.90 -11.11	64.99 3.56 -15.77	63.67 3.55 -15.75	65.37 3.59 -16.28	81.15 4.90 -15.00	90.25 5.18 -18.60	90.00 4.75 -22.80	80.00 4.69 -13.58	69.19 4.64 -3.51	58.27 3.73 -12.68	53.07 3.98 -7.23	52.48 3.84 0.00
RAVENSWOOD___2 23534	49.48 3.06 0.00	46.20 2.98 0.00	45.74 2.91 0.00	43.67 2.63 0.00	43.50 2.50 0.00	46.20 3.18 0.00	54.98 3.26 0.00	62.51 4.04 -1.50	68.83 3.99 -7.81	72.68 4.36 -6.92	72.94 3.92 -14.54	71.67 3.77 -14.76	64.70 3.65 -11.11	64.76 3.33 -15.77	63.40 3.28 -15.75	65.15 3.37 -16.28	80.78 4.53 -15.00	89.79 4.72 -18.60	89.56 4.31 -22.80	79.63 4.32 -13.58	68.76 4.21 -3.51	58.01 3.47 -12.68	52.90 3.81 -7.23	52.29 3.65 0.00
RAVENSWOOD___3 23535	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RAVNSWD 8-11____ 23667	49.30 2.88 0.00	45.99 2.77 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.30 2.30 0.00	45.99 2.97 0.00	54.88 3.16 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.11 4.09 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.85 3.42 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.12 5.05 -18.60	89.87 4.62 -22.80	79.94 4.63 -13.58	69.07 4.52 -3.51	58.06 3.52 -12.68	52.82 3.73 -7.23	52.14 3.50 0.00
RCPL_TRUST___DRP 24196	49.25 2.83 0.00	45.94 2.72 0.00	45.49 2.66 0.00	43.42 2.38 0.00	43.25 2.25 0.00	45.95 2.93 0.00	54.82 3.10 0.00	62.51 4.04 -1.50	69.06 4.22 -7.81	72.93 4.61 -6.92	73.16 4.14 -14.54	71.89 3.99 -14.76	64.85 3.80 -11.11	64.90 3.47 -15.77	63.54 3.42 -15.75	65.24 3.46 -16.28	80.97 4.72 -15.00	90.19 5.12 -18.60	89.93 4.68 -22.80	79.94 4.63 -13.58	69.13 4.58 -3.51	58.01 3.47 -12.68	52.77 3.68 -7.23	52.14 3.50 0.00
RENSSELAER___COGEN 23796	47.58 1.16 0.00	44.34 1.12 0.00	43.90 1.07 0.00	42.02 0.98 0.00	41.94 0.94 0.00	44.22 1.20 0.00	53.06 1.34 0.00	58.57 1.60 0.00	58.80 1.77 0.00	63.30 1.90 0.00	56.22 1.74 0.00	54.79 1.65 0.00	51.49 1.55 0.00	47.08 1.42 0.00	45.79 1.42 0.00	46.96 1.46 0.00	63.27 2.02 0.00	68.86 2.39 0.00	64.57 2.12 0.00	63.83 2.10 0.00	62.99 1.95 0.00	43.41 1.55 0.00	43.41 1.55 0.00	50.20 1.56 0.00
REVERE_CPPR_DRP 24186	46.74 0.32 0.00	43.48 0.26 0.00	43.04 0.21 0.00	41.20 0.16 0.00	41.20 0.20 0.00	43.54 0.52 0.00	52.50 0.78 0.00	58.17 1.20 0.00	58.28 1.25 0.00	62.81 1.41 0.00	55.73 1.25 0.00	54.31 1.17 0.00	50.99 1.05 0.00	46.62 0.96 0.00	45.30 0.93 0.00	46.50 1.00 0.00	62.84 1.59 0.00	68.60 2.13 0.00	64.39 1.94 0.00	63.46 1.73 0.00	62.57 1.53 0.00	42.86 1.00 0.00	42.61 0.75 0.00	49.22 0.58 0.00
ROCHESTER_9_IC 23652	44.38 -2.04 0.00	41.36 -1.86 0.00	41.03 -1.80 0.00	39.32 -1.72 0.00	39.32 -1.68 0.00	41.77 -1.25 0.00	49.55 -2.17 0.00	55.83 -1.14 0.00	55.95 -1.08 0.00	60.29 -1.11 0.00	53.44 -1.04 0.00	52.08 -1.06 0.00	48.99 -0.95 0.00	44.84 -0.82 0.00	43.48 -0.89 0.00	44.82 -0.68 0.00	60.21 -1.04 0.00	65.94 -0.53 0.00	61.70 -0.75 0.00	60.74 -0.99 0.00	60.25 -0.79 0.00	41.48 -0.38 0.00	40.94 -0.92 0.00	46.60 -2.04 0.00
ROSETON___1 23587	48.37 1.95 0.00	44.99 1.77 0.00	44.59 1.76 0.00	42.68 1.64 0.00	42.52 1.52 0.00	44.91 1.89 0.00	53.58 1.86 0.00	59.42 2.45 0.00	59.65 2.62 0.00	64.22 2.82 0.00	57.04 2.56 0.00	55.64 2.50 0.00	52.29 2.35 0.00	47.81 2.15 0.00	46.50 2.13 0.00	47.64 2.14 0.00	64.19 2.94 0.00	69.73 3.26 0.00	65.45 3.00 0.00	64.69 2.96 0.00	63.91 2.87 0.00	44.20 2.34 0.00	44.50 2.64 0.00	51.17 2.53 0.00
ROSETON___2 23588	48.42 2.00 0.00	45.08 1.86 0.00	44.67 1.84 0.00	42.72 1.68 0.00	42.56 1.56 0.00	45.00 1.98 0.00	53.79 2.07 0.00	59.59 2.62 0.00	59.82 2.79 0.00	64.47 3.07 0.00	57.20 2.72 0.00	55.80 2.66 0.00	52.49 2.55 0.00	47.94 2.28 0.00	46.63 2.26 0.00	47.82 2.32 0.00	64.37 3.12 0.00	69.93 3.46 0.00	65.63 3.18 0.00	64.88 3.15 0.00	64.09 3.05 0.00	44.33 2.47 0.00	44.54 2.68 0.00	51.17 2.53 0.00
RUSSELL___STATION 23914	43.68 -2.74 0.00	40.76 -2.46 0.00	40.39 -2.44 0.00	38.70 -2.34 0.00	38.70 -2.30 0.00	41.26 -1.76 0.00	48.98 -2.74 0.00	55.20 -1.77 0.00	55.26 -1.77 0.00	59.56 -1.84 0.00	52.74 -1.74 0.00	51.39 -1.75 0.00	48.34 -1.60 0.00	44.24 -1.42 0.00	42.91 -1.46 0.00	44.23 -1.27 0.00	59.41 -1.84 0.00	65.07 -1.40 0.00	60.95 -1.50 0.00	60.00 -1.73 0.00	59.45 -1.59 0.00	40.90 -0.96 0.00	40.39 -1.47 0.00	45.92 -2.72 0.00
S SALMON___HYD 24043	45.72 -0.70 0.00	42.53 -0.69 0.00	42.14 -0.69 0.00	40.34 -0.70 0.00	40.34 -0.66 0.00	42.46 -0.56 0.00	51.10 -0.62 0.00	56.69 -0.28 0.00	56.80 -0.23 0.00	60.48 -0.92 0.00	53.72 -0.76 0.00	52.34 -0.80 0.00	49.19 -0.75 0.00	44.98 -0.68 0.00	43.70 -0.67 0.00	44.91 -0.59 0.00	60.39 -0.86 0.00	65.81 -0.66 0.00	61.76 -0.69 0.00	60.87 -0.86 0.00	60.19 -0.85 0.00	41.40 -0.46 0.00	41.32 -0.54 0.00	47.76 -0.88 0.00
SELKIRK___II 23799	46.98 0.56 0.00	43.83 0.61 0.00	43.39 0.56 0.00	41.53 0.49 0.00	41.45 0.45 0.00	43.67 0.65 0.00	52.34 0.62 0.00	57.77 0.80 0.00	57.94 0.91 0.00	62.44 1.04 0.00	55.41 0.93 0.00	53.99 0.85 0.00	50.74 0.80 0.00	46.39 0.73 0.00	45.12 0.75 0.00	46.27 0.77 0.00	62.23 0.98 0.00	67.73 1.26 0.00	63.51 1.06 0.00	62.78 1.05 0.00	62.02 0.98 0.00	42.78 0.92 0.00	42.78 0.92 0.00	49.47 0.83 0.00
SELKIRK___I 23801	47.30 0.88 0.00	44.08 0.86 0.00	43.69 0.86 0.00	41.78 0.74 0.00	41.70 0.70 0.00	43.97 0.95 0.00	52.50 0.78 0.00	58.00 1.03 0.00	58.17 1.14 0.00	62.69 1.29 0.00	55.62 1.14 0.00	54.20 1.06 0.00	50.99 1.05 0.00	46.57 0.91 0.00	45.30 0.93 0.00	46.46 0.96 0.00	62.54 1.29 0.00	68.00 1.53 0.00	63.82 1.37 0.00	63.09 1.36 0.00	62.32 1.28 0.00	42.99 1.13 0.00	42.99 1.13 0.00	49.66 1.02 0.00
SENECA OSWGO___HYD 24041	45.54 -0.88 0.00	42.44 -0.78 0.00	42.06 -0.77 0.00	40.26 -0.78 0.00	40.26 -0.74 0.00	42.29 -0.73 0.00	50.12 -1.60 0.00	55.55 -1.42 0.00	55.66 -1.37 0.00	59.93 -1.47 0.00	53.17 -1.31 0.00	51.81 -1.33 0.00	48.69 -1.25 0.00	44.56 -1.10 0.00	43.26 -1.11 0.00	44.45 -1.05 0.00	59.84 -1.41 0.00	65.21 -1.26 0.00	61.20 -1.25 0.00	60.37 -1.36 0.00	59.64 -1.40 0.00	41.53 -0.33 0.00	41.40 -0.46 0.00	47.91 -0.73 0.00
SENECA___ENERGY 23797	44.28 -2.14 0.00	41.28 -1.94 0.00	40.95 -1.88 0.00	39.23 -1.81 0.00	39.24 -1.76 0.00	41.39 -1.63 0.00	49.34 -2.38 0.00	55.09 -1.88 0.00	54.81 -2.22 0.00	59.01 -2.39 0.00	52.36 -2.12 0.00	51.01 -2.13 0.00	48.19 -1.75 0.00	44.06 -1.60 0.00	42.77 -1.60 0.00	44.09 -1.41 0.00	59.29 -1.96 0.00	64.81 -1.66 0.00	60.70 -1.75 0.00	59.69 -2.04 0.00	59.03 -2.01 0.00	40.60 -1.26 0.00	40.31 -1.55 0.00	46.31 -2.33 0.00



SHOEMAKER___GT 23640	48.00 1.58 0.00	44.69 1.47 0.00	44.29 1.46 0.00	42.39 1.35 0.00	42.27 1.27 0.00	44.65 1.63 0.00	53.43 1.71 0.00	59.19 2.22 0.00	59.43 2.40 0.00	64.04 2.64 0.00	56.82 2.34 0.00	55.43 2.29 0.00	52.14 2.20 0.00	47.62 1.96 0.00	46.32 1.95 0.00	47.46 1.96 0.00	63.94 2.69 0.00	69.46 2.99 0.00	65.20 2.75 0.00	64.45 2.72 0.00	63.66 2.62 0.00	44.00 2.14 0.00	44.16 2.30 0.00	50.73 2.09 0.00
SHOREHAM_IC_1 23715	48.93 2.51 0.00	45.73 2.51 0.00	45.14 2.31 0.00	43.13 2.09 0.00	42.64 1.64 0.00	45.34 2.32 0.00	54.56 2.84 0.00	61.95 3.48 -1.50	68.20 3.36 -7.81	71.94 3.62 -6.92	72.29 3.27 -14.54	71.04 3.14 -14.76	64.10 3.05 -11.11	64.22 2.79 -15.77	62.83 2.71 -15.75	64.46 2.68 -16.28	79.74 3.49 -15.00	89.99 4.92 -18.60	90.12 4.87 -22.80	80.25 4.94 -13.58	69.74 5.19 -3.51	58.18 3.64 -12.68	52.90 3.81 -7.23	51.90 3.26 0.00
SHOREHAM_IC_2 23716	48.93 2.51 0.00	45.73 2.51 0.00	45.14 2.31 0.00	43.13 2.09 0.00	42.64 1.64 0.00	45.34 2.32 0.00	54.56 2.84 0.00	61.95 3.48 -1.50	68.20 3.36 -7.81	71.94 3.62 -6.92	72.29 3.27 -14.54	71.04 3.14 -14.76	64.10 3.05 -11.11	64.22 2.79 -15.77	62.83 2.71 -15.75	64.46 2.68 -16.28	79.74 3.49 -15.00	89.99 4.92 -18.60	90.12 4.87 -22.80	80.25 4.94 -13.58	69.74 5.19 -3.51	58.18 3.64 -12.68	52.90 3.81 -7.23	51.90 3.26 0.00
SITHE_IND_GS1 24169	45.26 -1.16 0.00	42.18 -1.04 0.00	41.80 -1.03 0.00	40.06 -0.98 0.00	40.02 -0.98 0.00	41.94 -1.08 0.00	50.12 -1.60 0.00	55.55 -1.42 0.00	55.60 -1.43 0.00	59.80 -1.60 0.00	53.06 -1.42 0.00	51.76 -1.38 0.00	48.64 -1.30 0.00	44.47 -1.19 0.00	43.22 -1.15 0.00	44.36 -1.14 0.00	59.72 -1.53 0.00	64.94 -1.53 0.00	61.01 -1.44 0.00	60.19 -1.54 0.00	59.51 -1.53 0.00	40.94 -0.92 0.00	40.90 -0.96 0.00	47.42 -1.22 0.00
SITHE_IND_GS2 24170	45.26 -1.16 0.00	42.18 -1.04 0.00	41.80 -1.03 0.00	40.06 -0.98 0.00	40.02 -0.98 0.00	41.94 -1.08 0.00	50.12 -1.60 0.00	55.55 -1.42 0.00	55.60 -1.43 0.00	59.80 -1.60 0.00	53.06 -1.42 0.00	51.76 -1.38 0.00	48.64 -1.30 0.00	44.47 -1.19 0.00	43.22 -1.15 0.00	44.36 -1.14 0.00	59.72 -1.53 0.00	64.94 -1.53 0.00	61.01 -1.44 0.00	60.19 -1.54 0.00	59.51 -1.53 0.00	40.94 -0.92 0.00	40.90 -0.96 0.00	47.42 -1.22 0.00
SITHE_IND_GS3 24171	45.26 -1.16 0.00	42.18 -1.04 0.00	41.80 -1.03 0.00	40.06 -0.98 0.00	40.02 -0.98 0.00	41.94 -1.08 0.00	50.17 -1.55 0.00	55.55 -1.42 0.00	55.60 -1.43 0.00	59.80 -1.60 0.00	53.06 -1.42 0.00	51.76 -1.38 0.00	48.64 -1.30 0.00	44.47 -1.19 0.00	43.22 -1.15 0.00	44.36 -1.14 0.00	59.72 -1.53 0.00	65.01 -1.46 0.00	61.01 -1.44 0.00	60.19 -1.54 0.00	59.51 -1.53 0.00	40.94 -0.92 0.00	40.90 -0.96 0.00	47.42 -1.22 0.00
SITHE_IND_GS4 24172	45.26 -1.16 0.00	42.18 -1.04 0.00	41.80 -1.03 0.00	40.06 -0.98 0.00	40.02 -0.98 0.00	41.94 -1.08 0.00	50.17 -1.55 0.00	55.55 -1.42 0.00	55.60 -1.43 0.00	59.80 -1.60 0.00	53.06 -1.42 0.00	51.76 -1.38 0.00	48.64 -1.30 0.00	44.47 -1.19 0.00	43.22 -1.15 0.00	44.36 -1.14 0.00	59.72 -1.53 0.00	65.01 -1.46 0.00	61.01 -1.44 0.00	60.19 -1.54 0.00	59.51 -1.53 0.00	40.94 -0.92 0.00	40.90 -0.96 0.00	47.42 -1.22 0.00
SITHE___BATAVIA 24024	43.45 -2.97 0.00	40.50 -2.72 0.00	40.22 -2.61 0.00	38.54 -2.50 0.00	38.54 -2.46 0.00	41.00 -2.02 0.00	46.96 -4.76 0.00	53.49 -3.48 0.00	53.32 -3.71 0.00	57.47 -3.93 0.00	50.83 -3.65 0.00	49.53 -3.61 0.00	46.79 -3.15 0.00	42.87 -2.79 0.00	41.57 -2.80 0.00	42.91 -2.59 0.00	57.51 -3.74 0.00	63.08 -3.39 0.00	58.95 -3.50 0.00	57.84 -3.89 0.00	57.56 -3.48 0.00	40.39 -1.47 0.00	39.81 -2.05 0.00	44.99 -3.65 0.00
SITHE___INDEPEND 23800	45.26 -1.16 0.00	42.18 -1.04 0.00	41.80 -1.03 0.00	40.06 -0.98 0.00	40.02 -0.98 0.00	41.94 -1.08 0.00	50.17 -1.55 0.00	55.55 -1.42 0.00	55.60 -1.43 0.00	59.80 -1.60 0.00	53.06 -1.42 0.00	51.76 -1.38 0.00	48.64 -1.30 0.00	44.47 -1.19 0.00	43.22 -1.15 0.00	44.36 -1.14 0.00	59.72 -1.53 0.00	65.01 -1.46 0.00	61.01 -1.44 0.00	60.19 -1.54 0.00	59.51 -1.53 0.00	40.94 -0.92 0.00	40.90 -0.96 0.00	47.42 -1.22 0.00
SITHE___MASSENA 23902	46.23 -0.19 0.00	42.96 -0.26 0.00	42.57 -0.26 0.00	40.83 -0.21 0.00	40.84 -0.16 0.00	42.68 -0.34 0.00	52.19 0.47 0.00	56.97 0.00 0.00	56.97 -0.06 0.00	61.34 -0.06 0.00	54.37 -0.11 0.00	53.14 0.00 0.00	49.94 0.00 0.00	45.66 0.00 0.00	44.37 0.00 0.00	45.27 -0.23 0.00	61.01 -0.24 0.00	65.94 -0.53 0.00	62.14 -0.31 0.00	61.42 -0.31 0.00	60.80 -0.24 0.00	41.06 -0.80 0.00	41.11 -0.75 0.00	48.10 -0.54 0.00
SITHE___OGDNSBRG 24021	45.12 -1.30 0.00	41.84 -1.38 0.00	41.46 -1.37 0.00	39.77 -1.27 0.00	39.81 -1.19 0.00	41.60 -1.42 0.00	51.20 -0.52 0.00	55.83 -1.14 0.00	55.66 -1.37 0.00	59.86 -1.54 0.00	53.06 -1.42 0.00	51.92 -1.22 0.00	48.74 -1.20 0.00	44.56 -1.10 0.00	43.26 -1.11 0.00	44.13 -1.37 0.00	59.54 -1.71 0.00	64.41 -2.06 0.00	60.70 -1.75 0.00	60.06 -1.67 0.00	59.33 -1.71 0.00	39.93 -1.93 0.00	39.89 -1.97 0.00	46.69 -1.95 0.00
SITHE___STERLING 23777	46.33 -0.09 0.00	43.09 -0.13 0.00	42.70 -0.13 0.00	40.88 -0.16 0.00	40.88 -0.12 0.00	43.06 0.04 0.00	51.82 0.10 0.00	57.43 0.46 0.00	57.49 0.46 0.00	61.89 0.49 0.00	54.97 0.49 0.00	53.57 0.43 0.00	50.29 0.35 0.00	45.98 0.32 0.00	44.68 0.31 0.00	45.86 0.36 0.00	61.86 0.61 0.00	67.53 1.06 0.00	63.39 0.94 0.00	62.47 0.74 0.00	61.65 0.61 0.00	42.32 0.46 0.00	42.15 0.29 0.00	48.69 0.05 0.00
SOUTH CAIRO___GT 23612	48.04 1.62 0.00	44.73 1.51 0.00	44.33 1.50 0.00	42.39 1.35 0.00	42.27 1.27 0.00	44.65 1.63 0.00	53.58 1.86 0.00	59.19 2.22 0.00	58.68 1.65 0.00	63.24 1.84 0.00	56.11 1.63 0.00	54.73 1.59 0.00	51.54 1.60 0.00	47.08 1.42 0.00	45.83 1.46 0.00	46.87 1.37 0.00	64.01 2.76 0.00	69.59 3.12 0.00	65.26 2.81 0.00	64.63 2.90 0.00	63.85 2.81 0.00	44.00 2.14 0.00	44.00 2.14 0.00	50.63 1.99 0.00
SOUTH HAMPTN___IC 23720	49.95 3.53 0.00	46.63 3.41 0.00	45.96 3.13 0.00	43.91 2.87 0.00	43.46 2.46 0.00	46.42 3.40 0.00	56.22 4.50 0.00	63.71 5.24 -1.50	69.92 5.08 -7.81	73.97 5.65 -6.92	74.09 5.07 -14.54	72.79 4.89 -14.76	65.79 4.74 -11.11	65.72 4.29 -15.77	64.29 4.17 -15.75	65.97 4.19 -16.28	81.95 5.70 -15.00	92.71 7.64 -18.60	92.74 7.49 -22.80	82.66 7.35 -13.58	72.06 7.51 -3.51	59.69 5.15 -12.68	54.16 5.07 -7.23	53.07 4.43 0.00
SOUTHOLD___IC 23719	50.32 3.90 0.00	46.94 3.72 0.00	46.30 3.47 0.00	44.20 3.16 0.00	43.75 2.75 0.00	46.76 3.74 0.00	56.74 5.02 0.00	64.28 5.81 -1.50	70.71 5.87 -7.81	74.83 6.51 -6.92	74.85 5.83 -14.54	73.53 5.63 -14.76	66.49 5.44 -11.11	66.36 4.93 -15.77	64.96 4.84 -15.75	66.60 4.82 -16.28	82.86 6.61 -15.00	93.84 8.77 -18.60	93.87 8.62 -22.80	83.71 8.40 -13.58	73.04 8.49 -3.51	60.32 5.78 -12.68	54.70 5.61 -7.23	53.55 4.91 0.00
ST LAWRENCE____ 23600	46.05 -0.37 0.00	42.79 -0.43 0.00	42.40 -0.43 0.00	40.71 -0.33 0.00	40.71 -0.29 0.00	42.50 -0.52 0.00	51.93 0.21 0.00	56.69 -0.28 0.00	56.63 -0.40 0.00	60.91 -0.49 0.00	53.99 -0.49 0.00	52.77 -0.37 0.00	49.59 -0.35 0.00	45.34 -0.32 0.00	44.06 -0.31 0.00	45.00 -0.50 0.00	60.64 -0.61 0.00	65.47 -1.00 0.00	61.70 -0.75 0.00	61.11 -0.62 0.00	60.43 -0.61 0.00	40.86 -1.00 0.00	40.90 -0.96 0.00	47.96 -0.68 0.00



STATION 5_MISC_HYD 23604	45.82 -0.60 0.00	42.87 -0.35 0.00	42.49 -0.34 0.00	40.67 -0.37 0.00	40.67 -0.33 0.00	43.71 0.69 0.00	52.39 0.67 0.00	59.08 2.11 0.00	60.22 3.19 0.00	64.90 3.50 0.00	57.53 3.05 0.00	56.06 2.92 0.00	52.64 2.70 0.00	48.13 2.47 0.00	46.72 2.35 0.00	48.18 2.68 0.00	64.68 3.43 0.00	71.12 4.65 0.00	66.51 4.06 0.00	65.56 3.83 0.00	64.82 3.78 0.00	44.50 2.64 0.00	43.70 1.84 0.00	49.42 0.78 0.00
STURGEON_POOL_HYD 23609	48.60 2.18 0.00	45.25 2.03 0.00	44.80 1.97 0.00	42.85 1.81 0.00	42.72 1.72 0.00	45.17 2.15 0.00	54.05 2.33 0.00	59.88 2.91 0.00	60.39 3.36 0.00	65.08 3.68 0.00	57.80 3.32 0.00	56.33 3.19 0.00	53.09 3.15 0.00	48.49 2.83 0.00	47.21 2.84 0.00	48.28 2.78 0.00	64.99 3.74 0.00	70.59 4.12 0.00	66.13 3.68 0.00	65.56 3.83 0.00	64.76 3.72 0.00	44.66 2.80 0.00	44.83 2.97 0.00	51.41 2.77 0.00
SYRACUSE___POWER 24017	45.58 -0.84 0.00	42.49 -0.73 0.00	42.10 -0.73 0.00	40.34 -0.70 0.00	40.30 -0.70 0.00	42.37 -0.65 0.00	50.69 -1.03 0.00	56.17 -0.80 0.00	56.23 -0.80 0.00	60.48 -0.92 0.00	53.77 -0.71 0.00	52.40 -0.74 0.00	49.24 -0.70 0.00	45.02 -0.64 0.00	43.75 -0.62 0.00	44.95 -0.55 0.00	60.45 -0.80 0.00	65.94 -0.53 0.00	61.89 -0.56 0.00	60.99 -0.74 0.00	60.25 -0.79 0.00	41.53 -0.33 0.00	41.44 -0.42 0.00	47.91 -0.73 0.00
Stony___Brook 24151	48.60 2.18 0.00	45.60 2.38 0.00	45.01 2.18 0.00	43.01 1.97 0.00	42.39 1.39 0.00	45.04 2.02 0.00	54.15 2.43 0.00	61.43 2.96 -1.50	67.58 2.74 -7.81	71.08 2.76 -6.92	71.53 2.51 -14.54	70.29 2.39 -14.76	63.40 2.35 -11.11	63.53 2.10 -15.77	62.21 2.09 -15.75	63.83 2.05 -16.28	78.76 2.51 -15.00	88.79 3.72 -18.60	89.06 3.81 -22.80	79.32 4.01 -13.58	68.82 4.27 -3.51	57.51 2.97 -12.68	52.69 3.60 -7.23	51.66 3.02 0.00
UPPER HUDSON___HYD 24058	46.84 0.42 0.00	43.57 0.35 0.00	43.13 0.30 0.00	41.25 0.21 0.00	41.20 0.20 0.00	43.67 0.65 0.00	52.19 0.47 0.00	57.37 0.40 0.00	57.66 0.63 0.00	62.08 0.68 0.00	55.08 0.60 0.00	53.72 0.58 0.00	50.44 0.50 0.00	46.12 0.46 0.00	44.81 0.44 0.00	45.96 0.46 0.00	62.17 0.92 0.00	67.80 1.33 0.00	63.64 1.19 0.00	62.84 1.11 0.00	61.96 0.92 0.00	42.99 1.13 0.00	42.82 0.96 0.00	49.61 0.97 0.00
UPPER RAQUET___HYD 24056	46.00 -0.42 0.00	42.66 -0.56 0.00	42.23 -0.60 0.00	40.55 -0.49 0.00	40.55 -0.45 0.00	42.46 -0.56 0.00	52.13 0.41 0.00	56.97 0.00 0.00	56.86 -0.17 0.00	61.34 -0.06 0.00	54.37 -0.11 0.00	53.14 0.00 0.00	49.94 0.00 0.00	45.66 0.00 0.00	44.33 -0.04 0.00	45.23 -0.27 0.00	61.01 -0.24 0.00	66.07 -0.40 0.00	62.26 -0.19 0.00	61.48 -0.25 0.00	60.73 -0.31 0.00	41.02 -0.84 0.00	40.94 -0.92 0.00	47.86 -0.78 0.00
VISCHER___FERRY HYD 24020	47.63 1.21 0.00	44.39 1.17 0.00	43.94 1.11 0.00	42.07 1.03 0.00	41.98 0.98 0.00	44.35 1.33 0.00	53.17 1.45 0.00	58.57 1.60 0.00	58.80 1.77 0.00	63.36 1.96 0.00	56.22 1.74 0.00	54.79 1.65 0.00	51.49 1.55 0.00	47.08 1.42 0.00	45.79 1.42 0.00	46.91 1.41 0.00	63.27 2.02 0.00	68.93 2.46 0.00	64.64 2.19 0.00	63.89 2.16 0.00	63.05 2.01 0.00	43.53 1.67 0.00	43.49 1.63 0.00	50.34 1.70 0.00
WADING RIVER_1-3_GRP5 24038	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.60 1.60 0.00	45.30 2.28 0.00	54.46 2.74 0.00	61.83 3.36 -1.50	68.09 3.25 -7.81	71.82 3.50 -6.92	72.18 3.16 -14.54	70.93 3.03 -14.76	64.00 2.95 -11.11	64.08 2.65 -15.77	62.74 2.62 -15.75	64.37 2.59 -16.28	79.56 3.31 -15.00	89.79 4.72 -18.60	89.93 4.68 -22.80	80.06 4.75 -13.58	69.56 5.01 -3.51	58.06 3.52 -12.68	52.86 3.77 -7.23	51.80 3.16 0.00
WADING RIVER_IC_1 23522	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.60 1.60 0.00	45.30 2.28 0.00	54.46 2.74 0.00	61.83 3.36 -1.50	68.09 3.25 -7.81	71.82 3.50 -6.92	72.18 3.16 -14.54	70.93 3.03 -14.76	64.00 2.95 -11.11	64.08 2.65 -15.77	62.74 2.62 -15.75	64.37 2.59 -16.28	79.56 3.31 -15.00	89.79 4.72 -18.60	89.93 4.68 -22.80	80.06 4.75 -13.58	69.56 5.01 -3.51	58.06 3.52 -12.68	52.86 3.77 -7.23	51.80 3.16 0.00
WADING RIVER_IC_2 23547	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.60 1.60 0.00	45.30 2.28 0.00	54.46 2.74 0.00	61.83 3.36 -1.50	68.09 3.25 -7.81	71.82 3.50 -6.92	72.18 3.16 -14.54	70.93 3.03 -14.76	64.00 2.95 -11.11	64.08 2.65 -15.77	62.74 2.62 -15.75	64.37 2.59 -16.28	79.56 3.31 -15.00	89.79 4.72 -18.60	89.93 4.68 -22.80	80.06 4.75 -13.58	69.56 5.01 -3.51	58.06 3.52 -12.68	52.86 3.77 -7.23	51.80 3.16 0.00
WADING RIVER_IC_3 23601	48.83 2.41 0.00	45.68 2.46 0.00	45.10 2.27 0.00	43.09 2.05 0.00	42.60 1.60 0.00	45.30 2.28 0.00	54.46 2.74 0.00	61.83 3.36 -1.50	68.09 3.25 -7.81	71.82 3.50 -6.92	72.18 3.16 -14.54	70.93 3.03 -14.76	64.00 2.95 -11.11	64.08 2.65 -15.77	62.74 2.62 -15.75	64.37 2.59 -16.28	79.56 3.31 -15.00	89.79 4.72 -18.60	89.93 4.68 -22.80	80.06 4.75 -13.58	69.56 5.01 -3.51	58.06 3.52 -12.68	52.86 3.77 -7.23	51.80 3.16 0.00
WALDEN___HYDRO 24148	48.42 2.00 0.00	45.04 1.82 0.00	44.59 1.76 0.00	42.64 1.60 0.00	42.52 1.52 0.00	44.96 1.94 0.00	53.84 2.12 0.00	59.65 2.68 0.00	59.94 2.91 0.00	64.53 3.13 0.00	57.31 2.83 0.00	55.90 2.76 0.00	52.59 2.65 0.00	48.08 2.42 0.00	46.77 2.40 0.00	47.87 2.37 0.00	64.50 3.25 0.00	69.99 3.52 0.00	65.63 3.18 0.00	65.00 3.27 0.00	64.28 3.24 0.00	44.37 2.51 0.00	44.58 2.72 0.00	51.22 2.58 0.00
WATERSIDE___6 8 9 23538	49.58 3.16 0.00	46.20 2.98 0.00	45.74 2.91 0.00	43.67 2.63 0.00	43.54 2.54 0.00	46.25 3.23 0.00	55.08 3.36 0.00	62.74 4.27 -1.50	69.17 4.33 -7.81	72.99 4.67 -6.92	73.22 4.20 -14.54	71.94 4.04 -14.76	64.90 3.85 -11.11	64.95 3.52 -15.77	63.63 3.51 -15.75	65.33 3.55 -16.28	81.09 4.84 -15.00	90.19 5.12 -18.60	89.93 4.68 -22.80	79.94 4.63 -13.58	69.13 4.58 -3.51	58.27 3.73 -12.68	53.07 3.98 -7.23	52.43 3.79 0.00
WEST BABYLON___IC 23714	49.39 2.97 0.00	46.03 2.81 0.00	45.49 2.66 0.00	43.46 2.42 0.00	43.09 2.09 0.00	45.82 2.80 0.00	54.98 3.26 0.00	62.40 3.93 -1.50	68.83 3.99 -7.81	72.68 4.36 -6.92	72.89 3.87 -14.54	71.62 3.72 -14.76	64.65 3.60 -11.11	64.72 3.29 -15.77	63.31 3.19 -15.75	64.97 3.19 -16.28	80.48 4.23 -15.00	90.65 5.58 -18.60	90.75 5.50 -22.80	80.68 5.37 -13.58	70.23 5.68 -3.51	58.56 4.02 -12.68	53.32 4.23 -7.23	52.43 3.79 0.00
WEST CANADA___HYD 24049	46.51 0.09 0.00	43.35 0.13 0.00	42.96 0.13 0.00	41.12 0.08 0.00	41.08 0.08 0.00	43.15 0.13 0.00	51.82 0.10 0.00	57.14 0.17 0.00	57.26 0.23 0.00	61.65 0.25 0.00	54.70 0.22 0.00	53.30 0.16 0.00	50.09 0.15 0.00	45.80 0.14 0.00	44.50 0.13 0.00	45.68 0.18 0.00	61.49 0.24 0.00	66.80 0.33 0.00	62.76 0.31 0.00	61.98 0.25 0.00	61.28 0.24 0.00	42.11 0.25 0.00	42.11 0.25 0.00	48.83 0.19 0.00
WESTERN_NY_WIND 24143	43.36 -3.06 0.00	40.45 -2.77 0.00	40.17 -2.66 0.00	38.50 -2.54 0.00	38.50 -2.50 0.00	40.96 -2.06 0.00	47.01 -4.71 0.00	53.49 -3.48 0.00	53.38 -3.65 0.00	57.53 -3.87 0.00	50.83 -3.65 0.00	49.53 -3.61 0.00	46.79 -3.15 0.00	42.92 -2.74 0.00	41.62 -2.75 0.00	42.95 -2.55 0.00	57.51 -3.74 0.00	63.08 -3.39 0.00	59.02 -3.43 0.00	57.84 -3.89 0.00	57.56 -3.48 0.00	40.31 -1.55 0.00	39.72 -2.14 0.00	44.89 -3.75 0.00



YORK____WARBASSE	49.67	46.37	45.87	43.83	43.67	46.33	55.39	63.14	69.52	73.36	73.54	72.31	65.20	65.22	63.85	65.60	81.52	90.45	90.25	80.25	69.43	58.43	53.23	52.58
23770	3.25	3.15	3.04	2.79	2.67	3.31	3.67	4.67	4.68	5.04	4.52	4.41	4.15	3.79	3.73	3.82	5.27	5.38	5.00	4.94	4.88	3.89	4.14	3.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.50	-7.81	-6.92	-14.54	-14.76	-11.11	-15.77	-15.75	-16.28	-15.00	-18.60	-22.80	-13.58	-3.51	-12.68	-7.23	0.00