

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/11/2004

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	37.68	29.96	28.00	26.15	26.32	29.23	36.09	47.57	55.30	61.57	65.40	70.42	71.45	74.43	74.43	77.45	74.92	73.54	70.78	64.28	65.09	65.01	61.12	47.80
24138	3.36	2.27	2.00	1.87	1.88	2.04	3.13	4.07	4.32	4.69	5.01	5.61	6.00	6.91	7.44	7.48	7.53	6.75	6.69	6.42	6.34	5.99	5.15	4.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.81	-14.64	-17.84	-19.00	-21.00	-19.67	-15.54	-12.28	-14.59	-12.79	-15.27	-14.86	-9.60	-10.38	-12.94	-15.44	0.00
74TH STREET_GT_1	37.68	29.96	28.00	26.15	26.32	29.23	36.09	47.57	55.30	61.57	65.40	70.42	71.45	74.43	74.43	77.45	74.92	73.54	70.78	64.28	65.09	65.01	61.12	47.80
24260	3.36	2.27	2.00	1.87	1.88	2.04	3.13	4.07	4.32	4.69	5.01	5.61	6.00	6.91	7.44	7.48	7.53	6.75	6.69	6.42	6.34	5.99	5.15	4.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.81	-14.64	-17.84	-19.00	-21.00	-19.67	-15.54	-12.28	-14.59	-12.79	-15.27	-14.86	-9.60	-10.38	-12.94	-15.44	0.00
74TH STREET_GT_2	37.68	29.96	28.00	26.15	26.32	29.23	36.09	47.57	55.30	61.57	65.40	70.42	71.45	74.43	74.43	77.45	74.92	73.54	70.78	64.28	65.09	65.01	61.12	47.80
24261	3.36	2.27	2.00	1.87	1.88	2.04	3.13	4.07	4.32	4.69	5.01	5.61	6.00	6.91	7.44	7.48	7.53	6.75	6.69	6.42	6.34	5.99	5.15	4.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.81	-14.64	-17.84	-19.00	-21.00	-19.67	-15.54	-12.28	-14.59	-12.79	-15.27	-14.86	-9.60	-10.38	-12.94	-15.44	0.00
ADK HUDSON___FALLS	37.41	29.82	27.92	26.00	26.18	29.20	35.73	48.80	53.27	55.76	58.96	59.96	60.93	61.18	61.44	60.14	59.35	56.36	53.96	52.73	53.40	50.78	44.53	47.11
24011	3.09	2.13	1.92	1.72	1.74	2.01	2.77	3.07	3.12	3.55	3.64	4.12	4.35	4.73	5.09	4.76	4.75	4.84	4.73	4.44	5.03	4.70	3.97	3.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.04	-13.81	-13.17	-13.93	-12.03	-10.80	-4.47	-1.64	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.03	0.00
ADK RESOURCE___RCVRY	37.41	29.82	27.92	26.00	26.18	29.20	35.73	48.80	53.27	55.76	58.96	59.96	60.93	61.18	61.44	60.14	59.35	56.36	53.96	52.73	53.40	50.78	44.53	47.11
23798	3.09	2.13	1.92	1.72	1.74	2.01	2.77	3.07	3.12	3.55	3.64	4.12	4.35	4.73	5.09	4.76	4.75	4.84	4.73	4.44	5.03	4.70	3.97	3.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.04	-13.81	-13.17	-13.93	-12.03	-10.80	-4.47	-1.64	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.03	0.00
ADK S GLENS___FALLS	37.41	29.82	27.92	26.00	26.18	29.20	35.73	48.80	53.27	55.76	58.96	59.96	60.93	61.18	61.44	60.14	59.35	56.36	53.96	52.73	53.40	50.78	44.53	47.11
24028	3.09	2.13	1.92	1.72	1.74	2.01	2.77	3.07	3.12	3.55	3.64	4.12	4.35	4.73	5.09	4.76	4.75	4.84	4.73	4.44	5.03	4.70	3.97	3.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.04	-13.81	-13.17	-13.93	-12.03	-10.80	-4.47	-1.64	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.03	0.00
ADK_NYS___DAM	36.55	29.21	27.38	25.54	25.71	28.63	34.97	47.93	52.41	54.80	58.06	58.99	60.01	60.49	60.80	59.70	58.97	55.54	53.17	52.10	52.39	49.81	43.72	46.07
23527	2.23	1.52	1.38	1.26	1.27	1.44	2.01	2.46	2.62	2.93	3.10	3.46	3.71	4.16	4.49	4.32	4.37	4.02	3.94	3.81	4.02	3.73	3.16	2.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.78	-13.45	-12.83	-13.57	-11.72	-10.52	-4.35	-1.60	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.03	0.00
AIR_PRODUCTS___DRP	36.45	29.13	27.33	25.49	25.66	28.55	34.87	47.75	52.30	54.60	57.86	58.77	59.78	60.28	60.52	59.48	58.69	55.28	53.02	51.91	52.09	49.58	43.52	45.90
24190	2.13	1.44	1.33	1.21	1.22	1.36	1.91	2.28	2.51	2.73	2.90	3.24	3.48	3.95	4.21	4.10	4.09	3.76	3.79	3.62	3.72	3.50	2.96	2.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.78	-13.45	-12.83	-13.57	-11.72	-10.52	-4.35	-1.60	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.03	0.00
ALBANY___1	36.45	29.13	27.33	25.49	25.66	28.55	34.87	47.75	52.30	54.60	57.86	58.77	59.78	60.28	60.52	59.48	58.69	55.28	53.02	51.91	52.09	49.58	43.52	45.90
23571	2.13	1.44	1.33	1.21	1.22	1.36	1.91	2.28	2.51	2.73	2.90	3.24	3.48	3.95	4.21	4.10	4.09	3.76	3.79	3.62	3.72	3.50	2.96	2.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.78	-13.45	-12.83	-13.57	-11.72	-10.52	-4.35	-1.60	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.03	0.00
ALBANY___2	36.45	29.13	27.33	25.49	25.66	28.55	34.87	47.75	52.30	54.60	57.86	58.77	59.78	60.28	60.52	59.48	58.69	55.28	53.02	51.91	52.09	49.58	43.52	45.90
23572	2.13	1.44	1.33	1.21	1.22	1.36	1.91	2.28	2.51	2.73	2.90	3.24	3.48	3.95	4.21	4.10	4.09	3.76	3.79	3.62	3.72	3.50	2.96	2.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.78	-13.45	-12.83	-13.57	-11.72	-10.52	-4.35	-1.60	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.03	0.00
ALBANY___3	36.45	29.13	27.33	25.49	25.66	28.55	34.87	47.75	52.30	54.60	57.86	58.77	59.78	60.28	60.52	59.48	58.69	55.28	53.02	51.91	52.09	49.58	43.52	45.90
23573	2.13	1.44	1.33	1.21	1.22	1.36	1.91	2.28	2.51	2.73	2.90	3.24	3.48	3.95	4.21	4.10	4.09	3.76	3.79	3.62	3.72	3.50	2.96	2.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.78	-13.45	-12.83	-13.57	-11.72	-10.52	-4.35	-1.60	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.03	0.00
ALBANY___4	36.45	29.13	27.33	25.49	25.66	28.55	34.87	47.75	52.30	54.60	57.86	58.77	59.78	60.28	60.52	59.48	58.69	55.28	53.02	51.91	52.09	49.58	43.52	45.90
23574	2.13	1.44	1.33	1.21	1.22	1.36	1.91	2.28	2.51	2.73	2.90	3.24	3.48	3.95	4.21	4.10	4.09	3.76	3.79	3.62	3.72	3.50	2.96	2.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.78	-13.45	-12.83	-13.57	-11.72	-10.52	-4.35	-1.60	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.03	0.00



ALCOA_RYNLDS___DRP 24188	33.19 -1.13 0.00	27.16 -0.53 0.00	25.51 -0.49 0.00	23.79 -0.49 0.00	23.95 -0.49 0.00	26.67 -0.52 0.00	32.07 -0.89 0.00	34.80 -0.89 0.00	35.43 -0.91 0.00	37.91 -1.13 0.00	40.19 -1.20 0.00	42.28 -1.53 0.00	44.18 -1.60 0.00	50.16 -1.82 0.00	52.47 -2.24 0.00	52.44 -2.94 0.00	51.76 -2.84 0.00	48.84 -2.68 0.00	46.72 -2.51 0.00	46.14 -2.12 0.00	46.14 -2.23 0.00	43.78 -2.30 0.00	39.27 -1.26 0.00	41.72 -1.42 0.00
ALLEGHENY___COGEN 23514	33.74 -0.58 0.00	26.50 -1.19 0.00	24.88 -1.12 0.00	23.26 -1.02 0.00	23.46 -0.98 0.00	26.24 -0.95 0.00	32.23 -0.73 0.00	36.46 -0.82 -1.59	38.09 -0.44 -2.19	40.93 -0.20 -2.09	43.52 -0.08 -2.21	46.33 0.61 -1.91	48.13 0.64 -1.71	53.21 0.52 -0.71	55.30 0.33 -0.26	55.38 0.00 0.00	54.33 -0.27 0.00	52.19 0.67 0.00	48.98 -0.25 0.00	47.44 -0.82 0.00	48.03 -0.34 0.00	45.99 -0.09 0.00	39.31 -1.22 0.00	41.03 -2.11 0.00
AMERICAN_REF_FUEL 24010	31.03 -3.29 0.00	24.53 -3.16 0.00	23.01 -2.99 0.00	21.56 -2.72 0.00	21.70 -2.74 0.00	24.31 -2.88 0.00	29.20 -3.76 0.00	32.93 -4.07 -1.31	34.37 -3.78 -1.81	36.74 -4.02 -1.72	38.95 -4.26 -1.82	41.44 -3.94 -1.57	42.80 -4.39 -1.41	47.41 -5.15 -0.58	49.67 -5.25 -0.21	50.40 -4.98 0.00	49.52 -5.08 0.00	47.66 -3.86 0.00	44.80 -4.43 0.00	43.39 -4.87 0.00	44.06 -4.31 0.00	42.39 -3.69 0.00	35.63 -4.90 0.00	37.79 -5.35 0.00
ARTHUR_KILL_GT_1 23520	37.52 3.19 -0.01	30.04 2.35 0.00	28.08 2.08 0.00	26.22 1.94 0.00	26.39 1.95 0.00	29.28 2.09 0.00	36.06 3.10 0.00	51.00 3.85 -11.46	57.03 4.14 -16.55	61.42 4.53 -17.85	65.27 4.88 -19.00	72.14 5.52 -22.81	73.05 6.00 -21.27	76.18 6.86 -17.34	76.10 7.33 -14.06	79.69 7.48 -16.83	74.92 7.42 -12.90	75.08 6.70 -16.86	72.12 6.60 -16.29	64.10 6.23 -9.61	64.90 6.14 -10.39	64.84 5.81 -12.95	60.88 4.90 -15.45	51.47 4.40 -3.93
ARTHUR_KILL_2 23512	37.52 3.19 -0.01	30.04 2.35 0.00	28.08 2.08 0.00	26.22 1.94 0.00	26.39 1.95 0.00	29.28 2.09 0.00	36.06 3.10 0.00	51.00 3.85 -11.46	57.03 4.14 -16.55	61.42 4.53 -17.85	65.27 4.88 -19.00	72.14 5.52 -22.81	73.05 6.00 -21.27	76.18 6.86 -17.34	76.10 7.33 -14.06	79.69 7.48 -16.83	74.92 7.42 -12.90	75.08 6.70 -16.86	72.12 6.60 -16.29	64.10 6.23 -9.61	64.90 6.14 -10.39	64.84 5.81 -12.95	60.88 4.90 -15.45	51.47 4.40 -3.93
ARTHUR_KILL_3 23513	37.61 3.29 0.00	29.88 2.19 0.00	27.92 1.92 0.00	26.08 1.80 0.00	26.22 1.78 0.00	29.15 1.96 0.00	35.99 3.03 0.00	51.18 4.03 -11.46	57.13 4.25 -16.54	61.49 4.61 -17.84	65.31 4.92 -19.00	70.33 5.52 -21.00	71.36 5.91 -19.67	74.33 6.81 -15.54	74.32 7.33 -12.28	77.34 7.37 -14.59	74.81 7.42 -12.79	73.44 6.65 -15.27	70.69 6.60 -14.86	64.18 6.32 -9.60	64.99 6.24 -10.38	64.92 5.90 -12.94	61.04 5.07 -15.44	51.64 4.57 -3.93
ASHOKAN____ 23654	35.49 1.17 0.00	28.49 0.80 0.00	26.62 0.62 0.00	24.86 0.58 0.00	25.00 0.56 0.00	27.76 0.57 0.00	34.01 1.05 0.00	45.37 1.28 -8.40	49.02 1.13 -11.55	51.42 1.37 -11.01	54.49 1.45 -11.65	55.71 1.84 -10.06	56.96 2.15 -9.03	58.42 2.70 -3.74	58.98 2.90 -1.37	59.15 3.77 0.00	58.69 4.09 0.00	54.20 2.68 0.00	52.77 3.54 0.00	51.62 3.33 -0.03	51.18 2.81 0.00	48.25 2.17 0.00	42.63 2.07 -0.03	45.60 2.46 0.00
ASTORIA 5-9____ 23662	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA GT2____ 23536	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA GT3____ 23731	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA GT4____ 23727	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT2_1 24094	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT2_2 24095	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT2_3 24096	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT2_4 24097	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT3_1 24098	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20



ASTORIA_GT3_2 24099	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT3_3 24100	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT3_4 24101	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT4_1 24102	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT4_2 24103	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT4_3 24104	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT4_4 24105	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT_1 23523	37.83 3.50 -0.01	30.07 2.38 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.42 1.98 0.00	29.34 2.15 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.47 4.43 -24.70	68.31 4.80 -24.47	70.29 5.09 -23.81	72.32 5.70 -22.81	73.23 6.18 -21.27	76.29 6.97 -17.34	76.27 7.50 -14.06	79.74 7.53 -16.83	75.03 7.53 -12.90	75.18 6.80 -16.86	72.31 6.79 -16.29	69.52 6.52 -14.74	70.34 6.48 -15.49	70.42 6.08 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
ASTORIA_GT_10 24110	37.83 3.50 -0.01	30.07 2.38 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.42 1.98 0.00	29.34 2.15 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.47 4.43 -24.70	68.31 4.80 -24.47	70.29 5.09 -23.81	72.32 5.70 -22.81	73.23 6.18 -21.27	76.29 6.97 -17.34	76.27 7.50 -14.06	79.74 7.53 -16.83	75.03 7.53 -12.90	75.18 6.80 -16.86	72.31 6.79 -16.29	69.52 6.52 -14.74	70.34 6.48 -15.49	70.42 6.08 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
ASTORIA_GT_11 24225	37.83 3.50 -0.01	30.07 2.38 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.42 1.98 0.00	29.34 2.15 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.47 4.43 -24.70	68.31 4.80 -24.47	70.29 5.09 -23.81	72.32 5.70 -22.81	73.23 6.18 -21.27	76.29 6.97 -17.34	76.27 7.50 -14.06	79.74 7.53 -16.83	75.03 7.53 -12.90	75.18 6.80 -16.86	72.31 6.79 -16.29	69.52 6.52 -14.74	70.34 6.48 -15.49	70.42 6.08 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
ASTORIA_GT_12 24226	37.83 3.50 -0.01	30.07 2.38 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.42 1.98 0.00	29.34 2.15 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.47 4.43 -24.70	68.31 4.80 -24.47	70.29 5.09 -23.81	72.32 5.70 -22.81	73.23 6.18 -21.27	76.29 6.97 -17.34	76.27 7.50 -14.06	79.74 7.53 -16.83	75.03 7.53 -12.90	75.18 6.80 -16.86	72.31 6.79 -16.29	69.52 6.52 -14.74	70.34 6.48 -15.49	70.42 6.08 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
ASTORIA_GT_13 24227	37.83 3.50 -0.01	30.07 2.38 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.42 1.98 0.00	29.34 2.15 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.47 4.43 -24.70	68.31 4.80 -24.47	70.29 5.09 -23.81	72.32 5.70 -22.81	73.23 6.18 -21.27	76.29 6.97 -17.34	76.27 7.50 -14.06	79.74 7.53 -16.83	75.03 7.53 -12.90	75.18 6.80 -16.86	72.31 6.79 -16.29	69.52 6.52 -14.74	70.34 6.48 -15.49	70.42 6.08 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
ASTORIA_GT_5 24106	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT_7 24107	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA_GT_8 24108	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA___2 24149	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.37 7.39 -12.27	77.33 7.37 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20



ASTORIA___3 23516	37.76 3.43 -0.01	30.04 2.35 0.00	28.08 2.08 0.00	26.22 1.94 0.00	26.39 1.95 0.00	29.31 2.12 0.00	36.16 3.20 0.00	59.89 4.14 -20.06	65.44 4.40 -24.70	68.27 4.76 -24.47	70.21 5.01 -23.81	72.23 5.61 -22.81	73.09 6.04 -21.27	75.97 6.65 -17.34	76.05 7.28 -14.06	79.35 7.14 -16.83	74.71 7.21 -12.90	74.92 6.54 -16.86	72.17 6.65 -16.29	69.47 6.47 -14.74	70.25 6.39 -15.49	70.38 6.04 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
ASTORIA___4 23517	37.75 3.43 0.00	30.02 2.33 0.00	28.03 2.03 0.00	26.20 1.92 0.00	26.35 1.91 0.00	29.26 2.07 0.00	36.12 3.16 0.00	59.93 4.18 -20.06	65.55 4.51 -24.70	68.27 4.76 -24.47	70.21 5.01 -23.81	70.24 5.43 -21.00	71.22 5.77 -19.67	73.97 6.45 -15.54	73.98 7.00 -12.27	76.94 6.98 -14.58	74.37 6.99 -12.78	73.13 6.34 -15.27	70.54 6.45 -14.86	69.47 6.47 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.67 5.35 -19.79	61.17 4.83 -13.20
ASTORIA___5 23518	37.75 3.43 0.00	29.99 2.30 0.00	28.03 2.03 0.00	26.17 1.89 0.00	26.32 1.88 0.00	29.23 2.04 0.00	36.12 3.16 0.00	59.89 4.14 -20.06	65.51 4.47 -24.70	68.27 4.76 -24.47	70.21 5.01 -23.81	70.20 5.39 -21.00	71.17 5.72 -19.67	73.97 6.45 -15.54	73.98 7.00 -12.27	76.94 6.98 -14.58	74.42 7.04 -12.78	73.08 6.29 -15.27	70.49 6.40 -14.86	69.37 6.37 -14.74	70.20 6.34 -15.49	70.19 5.85 -18.26	65.51 5.19 -19.79	61.09 4.75 -13.20
ASTRIA 10-13____ 23663	37.83 3.50 -0.01	30.07 2.38 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.42 1.98 0.00	29.34 2.15 0.00	36.19 3.23 0.00	59.96 4.21 -20.06	65.47 4.43 -24.70	68.31 4.80 -24.47	70.29 5.09 -23.81	72.32 5.70 -22.81	73.23 6.18 -21.27	76.29 6.97 -17.34	76.27 7.50 -14.06	79.74 7.53 -16.83	75.03 7.53 -12.90	75.18 6.80 -16.86	72.31 6.79 -16.29	69.52 6.52 -14.74	70.34 6.48 -15.49	70.42 6.08 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
ATHENS_STG_1 23668	36.07 1.75 0.00	28.85 1.16 0.00	27.07 1.07 0.00	25.25 0.97 0.00	25.42 0.98 0.00	28.22 1.03 0.00	34.54 1.58 0.00	46.39 2.11 -8.59	50.41 2.25 -11.82	52.77 2.46 -11.27	55.92 2.61 -11.92	57.04 2.94 -10.29	58.13 3.11 -9.24	59.39 3.59 -3.82	59.99 3.88 -1.40	59.26 3.88 0.00	58.48 3.88 0.00	54.97 3.45 0.00	52.77 3.54 0.00	51.72 3.43 -0.03	51.76 3.39 0.00	49.31 3.23 0.00	43.32 2.76 -0.03	45.60 2.46 0.00
ATHENS_STG_2 23670	36.07 1.75 0.00	28.85 1.16 0.00	27.07 1.07 0.00	25.25 0.97 0.00	25.42 0.98 0.00	28.22 1.03 0.00	34.54 1.58 0.00	46.39 2.11 -8.59	50.41 2.25 -11.82	52.77 2.46 -11.27	55.92 2.61 -11.92	57.04 2.94 -10.29	58.13 3.11 -9.24	59.39 3.59 -3.82	59.99 3.88 -1.40	59.26 3.88 0.00	58.48 3.88 0.00	55.02 3.50 0.00	52.77 3.54 0.00	51.72 3.43 -0.03	51.76 3.39 0.00	49.31 3.23 0.00	43.32 2.76 -0.03	45.60 2.46 0.00
ATHENS_STG_3 23677	36.07 1.75 0.00	28.85 1.16 0.00	27.07 1.07 0.00	25.25 0.97 0.00	25.42 0.98 0.00	28.22 1.03 0.00	34.54 1.58 0.00	46.39 2.11 -8.59	50.41 2.25 -11.82	52.77 2.46 -11.27	55.92 2.61 -11.92	57.04 2.94 -10.29	58.13 3.11 -9.24	59.39 3.59 -3.82	59.99 3.88 -1.40	59.26 3.88 0.00	58.48 3.88 0.00	55.02 3.50 0.00	52.77 3.54 0.00	51.72 3.43 -0.03	51.76 3.39 0.00	49.31 3.23 0.00	43.32 2.76 -0.03	45.60 2.46 0.00
BARRETT 1-8___GRP4 24034	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT 9-12___GRP3 24033	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_1 23704	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_10 23701	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_11 23702	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_12 23703	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_2 23705	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_3 23706	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_4 23707	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07



BARRETT_IC_5 23708	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_6 23709	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_7 23710	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_8 23711	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT_IC_9 23700	66.70 3.40 -28.98	64.20 2.38 -34.13	51.34 2.21 -23.13	50.53 2.14 -24.11	50.56 2.15 -23.97	50.25 2.37 -20.69	51.10 3.43 -14.71	69.35 4.10 -29.56	73.47 4.25 -32.88	76.18 4.72 -32.42	74.10 4.97 -27.74	85.62 5.56 -36.25	96.10 6.09 -44.23	96.26 7.02 -37.26	96.15 7.60 -33.84	96.26 7.53 -33.35	96.27 7.59 -34.08	96.26 6.75 -37.99	96.16 6.69 -40.24	94.72 6.37 -40.09	147.32 6.39 -92.56	88.46 5.81 -36.57	72.81 4.86 -27.42	68.87 4.66 -21.07
BARRETT___1 23545	66.59 3.29 -28.98	64.15 2.33 -34.13	51.26 2.13 -23.13	50.48 2.09 -24.11	50.49 2.08 -23.97	50.19 2.31 -20.69	51.03 3.36 -14.71	69.14 3.89 -29.56	73.18 3.96 -32.88	75.87 4.41 -32.42	73.77 4.64 -27.74	85.23 5.17 -36.25	95.64 5.63 -44.23	95.79 6.55 -37.26	95.72 7.17 -33.84	95.87 7.14 -33.35	95.89 7.21 -34.08	95.90 6.39 -37.99	95.72 6.25 -40.24	94.29 5.94 -40.09	146.88 5.95 -92.56	88.04 5.39 -36.57	72.53 4.58 -27.42	68.61 4.40 -21.07
BARRETT___2 23546	58.16 3.33 -20.51	56.33 2.33 -26.31	51.27 2.16 -23.11	50.48 2.09 -24.11	50.51 2.10 -23.97	50.19 2.31 -20.69	51.03 3.36 -14.71	59.37 4.03 -19.65	61.17 4.14 -20.69	62.19 4.57 -18.58	65.35 4.76 -19.20	71.16 5.26 -22.09	75.58 5.72 -24.08	76.08 6.65 -17.45	77.15 7.22 -15.22	81.25 7.14 -18.73	81.43 7.15 -19.68	80.21 6.39 -22.30	75.83 6.35 -20.25	73.21 6.08 -18.87	86.69 6.00 -32.32	74.86 5.48 -23.30	66.07 4.70 -20.84	59.50 4.57 -11.79
BEAVER RIVER___HYD 24048	34.56 0.24 0.00	27.72 0.03 0.00	26.00 0.00 0.00	24.26 -0.02 0.00	24.42 -0.02 0.00	27.27 0.08 0.00	33.39 0.43 0.00	35.12 -0.57 0.00	35.90 -0.44 0.00	38.65 -0.39 0.00	41.06 -0.33 0.00	43.55 -0.26 0.00	45.78 0.00 0.00	52.08 0.10 0.00	54.44 -0.27 0.00	55.21 -0.17 0.00	54.38 -0.22 0.00	51.37 -0.15 0.00	48.89 -0.34 0.00	47.83 -0.43 0.00	48.27 -0.10 0.00	45.90 -0.18 0.00	40.17 -0.36 0.00	43.27 0.13 0.00
BEEBEE_GT_13 23619	36.55 2.23 0.00	28.38 0.69 0.00	26.68 0.68 0.00	24.96 0.68 0.00	25.15 0.71 0.00	28.06 0.87 0.00	34.94 1.98 0.00	38.49 1.93 -0.87	39.65 2.11 -1.20	42.52 2.34 -1.14	45.17 2.57 -1.21	48.05 3.20 -1.04	49.92 3.33 -0.94	55.70 3.33 -0.39	58.35 3.50 -0.14	59.20 3.82 0.00	58.09 3.49 0.00	55.28 3.76 0.00	52.04 2.81 0.00	50.53 2.27 0.00	51.08 2.71 0.00	49.08 3.00 0.00	42.23 1.70 0.00	43.74 0.60 0.00
BETHLEHEM___STEEL 23779	31.40 -2.92 0.00	24.84 -2.85 0.00	23.30 -2.70 0.00	21.80 -2.48 0.00	21.95 -2.49 0.00	24.61 -2.58 0.00	29.76 -3.20 0.00	33.86 -3.32 -1.49	35.52 -2.87 -2.05	38.23 -2.77 -1.96	40.56 -2.90 -2.07	43.32 -2.28 -1.79	44.83 -2.56 -1.61	49.68 -2.96 -0.66	52.16 -2.79 -0.24	52.33 -3.05 0.00	51.27 -3.33 0.00	49.25 -2.27 0.00	46.13 -3.10 0.00	44.59 -3.67 0.00	45.32 -3.05 0.00	43.41 -2.67 0.00	36.56 -3.97 0.00	38.35 -4.79 0.00
BINGHAMTON___COGEN 23790	33.84 -0.48 0.00	27.00 -0.69 0.00	25.38 -0.62 0.00	23.67 -0.61 0.00	23.88 -0.56 0.00	26.62 -0.57 0.00	32.60 -0.36 0.00	39.62 0.18 -3.75	42.26 0.76 -5.16	45.09 1.13 -4.92	47.83 1.24 -5.20	50.49 2.19 -4.49	52.42 2.61 -4.03	56.72 3.07 -1.67	59.10 3.78 -0.61	56.82 1.44 0.00	55.91 1.31 0.00	52.96 1.44 0.00	50.07 0.84 0.00	48.70 0.43 -0.01	49.10 0.73 0.00	46.54 0.46 0.00	40.46 -0.08 -0.01	42.32 -0.82 0.00
BLACK RIVER___HYD 24047	34.59 0.27 0.00	27.66 -0.03 0.00	25.92 -0.08 0.00	24.18 -0.10 0.00	24.34 -0.10 0.00	27.22 0.03 0.00	33.39 0.43 0.00	35.01 -0.68 0.00	35.87 -0.47 0.00	38.69 -0.35 0.00	41.10 -0.29 0.00	43.63 -0.18 0.00	45.78 0.00 0.00	52.14 0.16 0.00	54.55 -0.16 0.00	55.55 0.17 0.00	54.65 0.05 0.00	51.57 0.05 0.00	49.03 -0.20 0.00	47.87 -0.39 0.00	48.27 -0.10 0.00	45.85 -0.23 0.00	39.96 -0.57 0.00	43.31 0.17 0.00
BLUE_CIRC_CHEM_DRP 24182	36.14 1.82 0.00	28.88 1.19 0.00	27.09 1.09 0.00	25.30 1.02 0.00	25.44 1.00 0.00	28.28 1.09 0.00	34.25 1.29 0.00	47.04 1.68 -9.67	51.49 1.85 -13.30	53.75 2.03 -12.68	56.95 2.15 -13.41	57.81 2.41 -11.59	58.79 2.61 -10.40	59.19 2.91 -4.30	59.46 3.17 -1.58	58.48 3.10 0.00	57.71 3.11 0.00	54.35 2.83 0.00	52.09 2.86 0.00	51.04 2.75 -0.03	51.18 2.81 0.00	48.71 2.63 0.00	42.79 2.23 -0.03	45.12 1.98 0.00
BOC_GAS_DRP 24189	35.76 1.44 0.00	28.66 0.97 0.00	26.88 0.88 0.00	25.11 0.83 0.00	25.27 0.83 0.00	28.09 0.90 0.00	34.21 1.25 0.00	47.09 1.64 -9.76	51.59 1.82 -13.43	53.84 1.99 -12.81	57.05 2.11 -13.55	57.88 2.37 -11.70	58.75 2.47 -10.50	59.14 2.81 -4.35	59.37 3.06 -1.60	58.37 2.99 0.00	57.60 3.00 0.00	54.25 2.73 0.00	51.99 2.76 0.00	50.94 2.65 -0.03	51.13 2.76 0.00	48.66 2.58 0.00	42.71 2.15 -0.03	45.08 1.94 0.00
BORALEX_4TH_BRANCH 23824	36.55 2.23 0.00	29.21 1.52 0.00	27.38 1.38 0.00	25.54 1.26 0.00	25.71 1.27 0.00	28.63 1.44 0.00	34.97 2.01 0.00	47.93 2.46 -9.78	52.41 2.62 -13.45	54.80 2.93 -12.83	58.06 3.10 -13.57	58.99 3.46 -11.72	60.01 3.71 -10.52	60.49 4.16 -4.35	60.80 4.49 -1.60	59.70 4.32 0.00	58.97 4.37 0.00	55.54 4.02 0.00	53.17 3.94 0.00	52.10 3.81 -0.03	52.39 4.02 0.00	49.81 3.73 0.00	43.72 3.16 -0.03	46.07 2.93 0.00
BOWLINE___1 23526	36.86 2.54 0.00	29.35 1.66 0.00	27.46 1.46 0.00	25.62 1.34 0.00	25.78 1.34 0.00	28.63 1.44 0.00	35.30 2.34 0.00	46.42 3.10 -7.63	50.11 3.27 -10.50	52.64 3.59 -10.01	55.83 3.85 -10.59	57.30 4.34 -9.15	58.66 4.67 -8.21	60.79 5.41 -3.40	61.81 5.85 -1.25	61.36 5.98 0.00	60.61 6.01 0.00	56.77 5.25 0.00	54.55 5.32 0.00	53.36 5.07 -0.03	53.35 4.98 0.00	50.73 4.65 0.00	44.61 4.05 -0.03	46.81 3.67 0.00



BOWLINE___2 23595	36.86 2.54 0.00	29.35 1.66 0.00	27.46 1.46 0.00	25.62 1.34 0.00	25.78 1.34 0.00	28.63 1.44 0.00	35.30 2.34 0.00	46.42 3.10 -7.63	50.11 3.27 -10.50	52.64 3.59 -10.01	55.83 3.85 -10.59	57.30 4.34 -9.15	58.66 4.67 -8.21	60.79 5.41 -3.40	61.81 5.85 -1.25	61.36 5.98 0.00	60.61 6.01 0.00	56.77 5.25 0.00	54.55 5.32 0.00	53.36 5.07 -0.03	53.35 4.98 0.00	50.73 4.65 0.00	44.61 4.05 -0.03	46.81 3.67 0.00
BROOKHAVEN___DRP 24191	54.19 3.67 -16.20	52.56 2.55 -22.32	51.41 2.31 -23.10	50.55 2.16 -24.11	50.56 2.15 -23.97	50.22 2.34 -20.69	51.03 3.36 -14.71	54.39 4.10 -14.60	54.95 4.14 -14.47	57.62 4.45 -14.13	62.65 4.80 -16.46	56.21 5.56 -6.84	56.81 6.41 -4.62	51.63 6.50 6.85	53.72 7.11 8.10	61.26 7.14 1.26	61.04 7.04 0.60	59.32 6.39 -1.41	51.38 6.35 4.20	54.64 6.37 -0.01	58.25 6.68 -3.20	70.98 5.90 -19.00	64.40 5.15 -18.72	54.90 4.70 -7.06
BROOKLYN_NAVY_YARD 23515	37.75 3.43 0.00	30.02 2.33 0.00	28.05 2.05 0.00	26.20 1.92 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.16 3.20 0.00	47.68 4.18 -7.81	55.38 4.40 -14.64	61.68 4.80 -17.84	65.52 5.13 -19.00	70.46 5.65 -21.00	71.36 5.91 -19.67	74.38 6.86 -15.54	74.38 7.39 -12.28	77.45 7.48 -14.59	74.87 7.48 -12.79	73.44 6.65 -15.27	70.74 6.65 -14.86	64.38 6.52 -9.60	65.23 6.48 -10.38	65.15 6.13 -12.94	61.20 5.23 -15.44	47.89 4.75 0.00
BURROWS___LYONSDAL 23803	34.90 0.58 0.00	27.94 0.25 0.00	26.21 0.21 0.00	24.47 0.19 0.00	24.64 0.20 0.00	27.49 0.30 0.00	33.62 0.66 0.00	35.80 0.11 0.00	36.59 0.25 0.00	39.43 0.39 0.00	41.80 0.41 0.00	44.38 0.57 0.00	46.51 0.73 0.00	52.86 0.88 0.00	55.48 0.77 0.00	56.32 0.94 0.00	55.47 0.87 0.00	52.34 0.82 0.00	49.87 0.64 0.00	48.79 0.53 0.00	49.05 0.68 0.00	46.63 0.55 0.00	40.77 0.24 0.00	43.74 0.60 0.00
CALPINE BETH_PAGE_GT4 24209	55.28 3.81 -17.15	53.55 2.66 -23.20	51.49 2.39 -23.10	50.62 2.23 -24.11	50.63 2.22 -23.97	50.33 2.45 -20.69	51.30 3.63 -14.71	56.01 4.60 -15.72	57.02 4.83 -15.85	60.03 5.35 -15.64	64.28 5.50 -17.39	69.11 6.22 -19.08	72.31 6.73 -19.80	72.86 7.64 -13.24	74.23 8.26 -11.26	79.22 8.20 -15.64	79.42 8.19 -16.63	77.86 7.37 -18.97	72.52 7.29 -16.00	69.68 7.05 -14.37	74.93 7.01 -19.55	73.07 6.50 -20.49	65.44 5.47 -19.44	56.38 5.13 -8.11
CALPINE_BP_GT1 23823	55.28 3.81 -17.15	53.55 2.66 -23.20	51.49 2.39 -23.10	50.62 2.23 -24.11	50.63 2.22 -23.97	50.33 2.45 -20.69	51.30 3.63 -14.71	56.01 4.60 -15.72	57.02 4.83 -15.85	60.03 5.35 -15.64	64.28 5.50 -17.39	69.11 6.22 -19.08	72.31 6.73 -19.80	72.86 7.64 -13.24	74.23 8.26 -11.26	79.22 8.20 -15.64	79.42 8.19 -16.63	77.86 7.37 -18.97	72.52 7.29 -16.00	69.68 7.05 -14.37	74.93 7.01 -19.55	73.07 6.50 -20.49	65.44 5.47 -19.44	56.38 5.13 -8.11
CALSPAN___DRP 24200	31.40 -2.92 0.00	24.84 -2.85 0.00	23.30 -2.70 0.00	21.80 -2.48 0.00	21.95 -2.49 0.00	24.61 -2.58 0.00	29.76 -3.20 0.00	33.86 -3.32 -1.49	35.52 -2.87 -2.05	38.23 -2.77 -1.96	40.56 -2.90 -2.07	43.32 -2.28 -1.79	44.83 -2.56 -1.61	49.68 -2.96 -0.66	52.16 -2.79 -0.24	52.33 -3.05 0.00	51.27 -3.33 0.00	49.25 -2.27 0.00	46.13 -3.10 0.00	44.59 -3.67 0.00	45.32 -3.05 0.00	43.41 -2.67 0.00	36.56 -3.97 0.00	38.35 -4.79 0.00
CARR STREET_E__SYR 24060	33.91 -0.41 0.00	27.16 -0.53 0.00	25.51 -0.49 0.00	23.82 -0.46 0.00	24.00 -0.44 0.00	26.73 -0.46 0.00	32.56 -0.40 0.00	35.25 -0.79 -0.35	36.24 -0.58 -0.48	39.02 -0.47 -0.45	41.33 -0.54 -0.48	43.83 -0.39 -0.41	45.74 -0.41 -0.37	51.66 -0.47 -0.15	54.28 -0.49 -0.06	55.55 0.17 0.00	54.60 0.00 0.00	51.62 0.10 0.00	49.03 -0.20 0.00	47.83 -0.43 0.00	48.08 -0.29 0.00	45.80 -0.28 0.00	39.80 -0.73 0.00	42.41 -0.73 0.00
CARTHAGE___PAPER 23857	34.59 0.27 0.00	27.69 0.00 0.00	25.95 -0.05 0.00	24.21 -0.07 0.00	24.37 -0.07 0.00	27.24 0.05 0.00	33.39 0.43 0.00	35.08 -0.61 0.00	35.90 -0.44 0.00	38.69 -0.35 0.00	41.06 -0.33 0.00	43.59 -0.22 0.00	45.78 0.00 0.00	52.14 0.16 0.00	54.49 -0.22 0.00	55.38 0.00 0.00	54.49 -0.11 0.00	51.47 -0.05 0.00	48.93 -0.30 0.00	47.87 -0.39 0.00	48.22 -0.15 0.00	45.85 -0.23 0.00	40.04 -0.49 0.00	43.31 0.17 0.00
CE_DUNWOOD___DRP 24194	37.24 2.92 0.00	29.63 1.94 0.00	27.72 1.72 0.00	25.88 1.60 0.00	26.03 1.59 0.00	28.93 1.74 0.00	35.66 2.70 0.00	47.09 3.60 -7.80	51.04 3.82 -10.88	53.75 4.18 -10.53	59.99 4.43 -14.17	62.13 4.99 -13.33	64.05 5.36 -12.91	66.10 6.19 -7.93	66.03 6.62 -4.70	67.16 6.70 -5.08	73.64 6.72 -12.32	66.02 5.98 -8.52	64.06 6.01 -8.82	61.87 5.74 -7.87	54.43 5.66 -0.40	51.93 5.35 -0.50	45.77 4.62 -0.62	47.24 4.10 0.00
CE_MILLWOOD___DRP 24193	37.07 2.75 0.00	29.52 1.83 0.00	27.61 1.61 0.00	25.79 1.51 0.00	25.93 1.49 0.00	28.79 1.60 0.00	35.53 2.57 0.00	46.89 3.43 -7.77	50.78 3.63 -10.81	53.41 3.94 -10.43	59.70 4.22 -14.09	61.82 4.78 -13.23	63.68 5.08 -12.82	65.71 5.87 -7.86	65.69 6.35 -4.63	66.86 6.48 -5.00	73.41 6.50 -12.31	65.70 5.72 -8.46	63.75 5.76 -8.76	61.62 5.50 -7.86	54.11 5.42 -0.32	51.59 5.12 -0.39	45.41 4.38 -0.50	47.02 3.88 0.00
CE_NYC2_DRP 24202	37.80 3.47 -0.01	30.07 2.38 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.39 1.95 0.00	29.34 2.15 0.00	36.19 3.23 0.00	59.93 4.18 -20.06	65.47 4.43 -24.70	68.27 4.76 -24.47	70.29 5.09 -23.81	72.32 5.70 -22.81	73.18 6.13 -21.27	76.29 6.97 -17.34	76.27 7.50 -14.06	79.74 7.53 -16.83	75.03 7.53 -12.90	75.18 6.80 -16.86	72.31 6.79 -16.29	69.52 6.52 -14.74	70.29 6.43 -15.49	70.42 6.08 -18.26	65.59 5.27 -19.79	61.13 4.79 -13.20
CE_NYC_DRP 24195	37.75 3.43 0.00	29.99 2.30 0.00	28.03 2.03 0.00	26.17 1.89 0.00	26.35 1.91 0.00	29.26 2.07 0.00	36.12 3.16 0.00	47.64 4.14 -7.81	55.16 4.36 -14.46	61.29 4.76 -17.49	65.24 5.09 -18.76	70.13 5.70 -20.62	71.21 6.09 -19.34	74.17 7.02 -15.17	74.16 7.55 -11.90	77.09 7.59 -14.12	74.95 7.59 -12.76	73.31 6.85 -14.94	70.53 6.74 -14.56	64.25 6.47 -9.52	64.69 6.43 -9.89	64.49 6.08 -12.33	60.44 5.19 -14.72	47.84 4.70 0.00
CH_MIDHUDSON___DRP 24192	36.69 2.37 0.00	29.21 1.52 0.00	27.35 1.35 0.00	25.54 1.26 0.00	25.66 1.22 0.00	28.52 1.33 0.00	35.07 2.11 0.00	46.70 2.78 -8.23	50.57 2.91 -11.32	52.99 3.16 -10.79	56.16 3.35 -11.42	57.48 3.81 -9.86	58.75 4.12 -8.85	60.47 4.83 -3.66	61.25 5.20 -1.34	60.81 5.43 0.00	60.11 5.51 0.00	56.21 4.69 0.00	54.15 4.92 0.00	52.97 4.68 -0.03	52.92 4.55 0.00	50.32 4.24 0.00	44.25 3.69 -0.03	46.50 3.36 0.00
CH_MISC_IPPS 23765	36.28 1.96 0.00	28.94 1.25 0.00	27.07 1.07 0.00	25.28 1.00 0.00	25.39 0.95 0.00	28.22 1.03 0.00	34.44 1.48 0.00	45.71 2.07 -7.95	49.39 2.11 -10.94	51.81 2.34 -10.43	54.90 2.48 -11.03	56.28 2.94 -9.53	57.49 3.16 -8.55	59.31 3.79 -3.54	60.06 4.05 -1.30	59.92 4.54 0.00	59.30 4.70 0.00	55.23 3.71 0.00	53.32 4.09 0.00	52.15 3.86 -0.03	51.95 3.58 0.00	49.35 3.27 0.00	43.48 2.92 -0.03	45.94 2.80 0.00
CH_RES_BVR_FALLS 23983	34.01 -0.31 0.00	27.55 -0.14 0.00	25.87 -0.13 0.00	24.16 -0.12 0.00	24.32 -0.12 0.00	27.05 -0.14 0.00	32.73 -0.23 0.00	35.11 -0.21 0.37	35.61 -0.22 0.51	38.28 -0.27 0.49	40.58 -0.29 0.52	43.01 -0.35 0.45	45.01 -0.37 0.40	51.39 -0.42 0.17	54.10 -0.55 0.06	54.66 -0.72 0.00	53.89 -0.71 0.00	50.90 -0.62 0.00	48.64 -0.59 0.00	47.73 -0.53 0.00	47.84 -0.53 0.00	45.53 -0.55 0.00	40.21 -0.32 0.00	42.75 -0.39 0.00



CH_RES_NIAGARA 23895	31.03 -3.29 0.00	24.59 -3.10 0.00	23.06 -2.94 0.00	21.58 -2.70 0.00	21.73 -2.71 0.00	24.34 -2.85 0.00	29.17 -3.79 0.00	32.88 -4.07 -1.26	34.29 -3.78 -1.73	36.75 -3.94 -1.65	38.92 -4.22 -1.75	41.42 -3.90 -1.51	42.64 -4.49 -1.35	47.34 -5.20 -0.56	49.56 -5.36 -0.21	50.34 -5.04 0.00	49.36 -5.24 0.00	47.55 -3.97 0.00	44.70 -4.53 0.00	43.34 -4.92 0.00	44.02 -4.35 0.00	42.39 -3.69 0.00	35.59 -4.94 0.00	37.83 -5.31 0.00
CH_RES_SYRACUSE 23985	33.67 -0.65 0.00	27.00 -0.69 0.00	25.35 -0.65 0.00	23.67 -0.61 0.00	23.85 -0.59 0.00	26.54 -0.65 0.00	32.33 -0.63 0.00	35.12 -1.03 -0.46	36.10 -0.87 -0.63	38.86 -0.78 -0.60	41.15 -0.87 -0.63	43.57 -0.79 -0.55	45.40 -0.87 -0.49	51.19 -0.99 -0.20	53.69 -1.09 -0.07	55.10 -0.28 0.00	54.16 -0.44 0.00	51.26 -0.26 0.00	48.74 -0.49 0.00	47.54 -0.72 0.00	47.79 -0.58 0.00	45.53 -0.55 0.00	39.60 -0.93 0.00	42.10 -1.04 0.00
CORNELL____ 23752	32.02 -2.30 0.00	25.83 -1.86 0.00	24.49 -1.51 0.00	23.04 -1.24 0.00	23.27 -1.17 0.00	25.56 -1.63 0.00	30.82 -2.14 0.00	34.70 -2.71 -1.72	36.45 -2.25 -2.36	39.22 -2.07 -2.25	41.58 -2.19 -2.38	44.03 -1.84 -2.06	45.79 -1.83 -1.84	50.66 -2.08 -0.76	52.97 -2.02 -0.28	53.16 -2.22 0.00	52.14 -2.46 0.00	49.36 -2.16 0.00	46.62 -2.61 0.00	45.27 -2.99 0.00	45.66 -2.71 0.00	43.41 -2.67 0.00	37.41 -3.12 0.00	39.95 -3.19 0.00
COXSACKIE____GT 23611	35.45 1.13 0.00	28.41 0.72 0.00	26.57 0.57 0.00	24.81 0.53 0.00	24.95 0.51 0.00	27.71 0.52 0.00	33.98 1.02 0.00	45.59 1.21 -8.69	49.38 1.09 -11.95	51.76 1.33 -11.39	54.89 1.45 -12.05	56.02 1.80 -10.41	57.18 2.06 -9.34	58.45 2.60 -3.87	58.92 2.79 -1.42	58.92 3.54 0.00	58.42 3.82 0.00	54.10 2.58 0.00	52.53 3.30 0.00	51.38 3.09 -0.03	51.03 2.66 0.00	48.11 2.03 0.00	42.51 1.95 -0.03	45.38 2.24 0.00
CRESCENT____HYD 24018	36.76 2.44 0.00	29.35 1.66 0.00	27.51 1.51 0.00	25.66 1.38 0.00	25.83 1.39 0.00	28.77 1.58 0.00	35.14 2.18 0.00	48.09 2.57 -9.83	52.63 2.76 -13.53	55.02 3.08 -12.90	58.30 3.27 -13.64	59.23 3.64 -11.78	60.29 3.94 -10.57	60.73 4.37 -4.38	61.03 4.71 -1.61	59.87 4.49 0.00	59.08 4.48 0.00	55.69 4.17 0.00	53.36 4.13 0.00	52.30 4.01 -0.03	52.58 4.21 0.00	50.00 3.92 0.00	43.88 3.32 -0.03	46.29 3.15 0.00
CRUCIBLE_METL_DRP 24180	33.67 -0.65 0.00	27.00 -0.69 0.00	25.35 -0.65 0.00	23.67 -0.61 0.00	23.85 -0.59 0.00	26.54 -0.65 0.00	32.33 -0.63 0.00	35.12 -1.03 -0.46	36.10 -0.87 -0.63	38.86 -0.78 -0.60	41.15 -0.87 -0.63	43.57 -0.79 -0.55	45.40 -0.87 -0.49	51.19 -0.99 -0.20	53.69 -1.09 -0.07	55.10 -0.28 0.00	54.16 -0.44 0.00	51.26 -0.26 0.00	48.74 -0.49 0.00	47.54 -0.72 0.00	47.79 -0.58 0.00	45.53 -0.55 0.00	39.60 -0.93 0.00	42.10 -1.04 0.00
CSC____481_PGEN 24222	54.14 3.64 -16.18	52.55 2.55 -22.31	51.31 2.21 -23.10	50.45 2.06 -24.11	50.46 2.05 -23.97	50.14 2.26 -20.69	50.87 3.20 -14.71	54.13 3.85 -14.59	54.53 3.74 -14.45	57.13 3.98 -14.11	62.13 4.30 -16.44	58.12 4.99 -9.32	59.22 5.81 -7.63	55.12 5.82 2.68	56.99 6.35 4.07	64.11 6.42 -2.31	63.97 6.33 -3.04	62.34 5.72 -5.10	54.93 5.71 0.01	56.80 5.74 -2.80	59.81 6.05 -5.39	70.42 5.35 -18.99	64.06 4.82 -18.71	54.72 4.53 -7.05
DANSKAMMER____1 23586	36.28 1.96 0.00	28.94 1.25 0.00	27.07 1.07 0.00	25.28 1.00 0.00	25.39 0.95 0.00	28.22 1.03 0.00	34.44 1.48 0.00	45.71 2.07 -7.95	49.39 2.11 -10.94	51.81 2.34 -10.43	54.90 2.48 -11.03	56.28 2.94 -9.53	57.49 3.16 -8.55	59.31 3.79 -3.54	60.06 4.05 -1.30	59.92 4.54 0.00	59.30 4.70 0.00	55.23 3.71 0.00	53.32 4.09 0.00	52.15 3.86 -0.03	51.95 3.58 0.00	49.35 3.27 0.00	43.48 2.92 -0.03	45.94 2.80 0.00
DANSKAMMER____2 23589	36.28 1.96 0.00	28.94 1.25 0.00	27.07 1.07 0.00	25.28 1.00 0.00	25.39 0.95 0.00	28.22 1.03 0.00	34.44 1.48 0.00	45.71 2.07 -7.95	49.39 2.11 -10.94	51.81 2.34 -10.43	54.90 2.48 -11.03	56.28 2.94 -9.53	57.49 3.16 -8.55	59.31 3.79 -3.54	60.06 4.05 -1.30	59.92 4.54 0.00	59.30 4.70 0.00	55.23 3.71 0.00	53.32 4.09 0.00	52.15 3.86 -0.03	51.95 3.58 0.00	49.35 3.27 0.00	43.48 2.92 -0.03	45.94 2.80 0.00
DANSKAMMER____3 23590	36.21 1.89 0.00	28.88 1.19 0.00	27.01 1.01 0.00	25.23 0.95 0.00	25.37 0.93 0.00	28.17 0.98 0.00	34.31 1.35 0.00	45.57 1.93 -7.95	49.24 1.96 -10.94	51.66 2.19 -10.43	54.74 2.32 -11.03	56.06 2.72 -9.53	57.31 2.98 -8.55	59.05 3.53 -3.54	59.84 3.83 -1.30	59.70 4.32 0.00	59.08 4.48 0.00	54.97 3.45 0.00	53.07 3.84 0.00	51.91 3.62 -0.03	51.76 3.39 0.00	49.17 3.09 0.00	43.28 2.72 -0.03	45.81 2.67 0.00
DANSKAMMER____4 23591	36.21 1.89 0.00	28.91 1.22 0.00	27.01 1.01 0.00	25.23 0.95 0.00	25.37 0.93 0.00	28.17 0.98 0.00	34.31 1.35 0.00	45.57 1.93 -7.95	49.24 1.96 -10.94	51.62 2.15 -10.43	54.74 2.32 -11.03	56.06 2.72 -9.53	57.31 2.98 -8.55	59.05 3.53 -3.54	59.84 3.83 -1.30	59.70 4.32 0.00	59.02 4.42 0.00	54.97 3.45 0.00	53.07 3.84 0.00	51.91 3.62 -0.03	51.76 3.39 0.00	49.17 3.09 0.00	43.28 2.72 -0.03	45.77 2.63 0.00
DANSKAMMER____DIESEL 23592	36.28 1.96 0.00	28.94 1.25 0.00	27.07 1.07 0.00	25.28 1.00 0.00	25.39 0.95 0.00	28.22 1.03 0.00	34.44 1.48 0.00	45.71 2.07 -7.95	49.39 2.11 -10.94	51.81 2.34 -10.43	54.90 2.48 -11.03	56.28 2.94 -9.53	57.49 3.16 -8.55	59.31 3.79 -3.54	60.06 4.05 -1.30	59.92 4.54 0.00	59.30 4.70 0.00	55.23 3.71 0.00	53.32 4.09 0.00	52.15 3.86 -0.03	51.95 3.58 0.00	49.35 3.27 0.00	43.48 2.92 -0.03	45.94 2.80 0.00
DASHVILLE____HYD 23610	36.41 2.09 0.00	28.99 1.30 0.00	27.09 1.09 0.00	25.32 1.04 0.00	25.44 1.00 0.00	28.25 1.06 0.00	34.81 1.85 0.00	46.17 2.46 -8.02	49.89 2.51 -11.04	52.29 2.73 -10.52	55.42 2.90 -11.13	56.79 3.37 -9.61	58.07 3.66 -8.63	59.92 4.37 -3.57	60.73 4.71 -1.31	60.59 5.21 0.00	59.95 5.35 0.00	55.80 4.28 0.00	53.91 4.68 0.00	52.73 4.44 -0.03	52.53 4.16 0.00	49.86 3.78 0.00	43.92 3.36 -0.03	46.38 3.24 0.00
DOGLEVILLE____HYD 23807	36.41 2.09 0.00	29.02 1.33 0.00	27.22 1.22 0.00	25.40 1.12 0.00	25.56 1.12 0.00	28.55 1.36 0.00	35.10 2.14 0.00	37.89 2.39 0.19	38.76 2.69 0.27	41.84 3.05 0.25	44.47 3.35 0.27	47.35 3.77 0.23	49.60 4.03 0.21	56.52 4.63 0.09	59.66 4.98 0.03	60.36 4.98 0.00	59.51 4.91 0.00	56.16 4.64 0.00	53.46 4.23 0.00	52.27 4.01 0.00	52.53 4.16 0.00	49.81 3.73 0.00	43.41 2.88 0.00	45.73 2.59 0.00
DUNKIRK____1 23563	30.89 -3.43 0.00	24.51 -3.18 0.00	23.01 -2.99 0.00	21.49 -2.79 0.00	21.70 -2.74 0.00	24.39 -2.80 0.00	29.80 -3.16 0.00	33.76 -3.60 -1.67	35.84 -2.80 -2.30	38.66 -2.58 -2.20	41.06 -2.65 -2.32	44.33 -1.49 -2.01	46.30 -1.28 -1.80	51.32 -1.40 -0.74	54.16 -0.82 -0.27	53.39 -1.99 0.00	52.36 -2.24 0.00	50.18 -1.34 0.00	46.67 -2.56 0.00	44.88 -3.38 0.00	45.76 -2.61 0.00	43.32 -2.76 0.00	36.68 -3.85 0.00	37.79 -5.35 0.00
DUNKIRK____2 23564	30.89 -3.43 0.00	24.51 -3.18 0.00	23.01 -2.99 0.00	21.49 -2.79 0.00	21.70 -2.74 0.00	24.39 -2.80 0.00	29.80 -3.16 0.00	33.76 -3.60 -1.67	35.84 -2.80 -2.30	38.66 -2.58 -2.20	41.06 -2.65 -2.32	44.33 -1.49 -2.01	46.30 -1.28 -1.80	51.32 -1.40 -0.74	54.16 -0.82 -0.27	53.39 -1.99 0.00	52.36 -2.24 0.00	50.18 -1.34 0.00	46.67 -2.56 0.00	44.88 -3.38 0.00	45.76 -2.61 0.00	43.32 -2.76 0.00	36.68 -3.85 0.00	37.79 -5.35 0.00



DUNKIRK___3 23565	31.09 -3.23 0.00	24.62 -3.07 0.00	23.11 -2.89 0.00	21.58 -2.70 0.00	21.80 -2.64 0.00	24.47 -2.72 0.00	29.86 -3.10 0.00	33.96 -3.43 -1.70	35.95 -2.73 -2.34	38.77 -2.50 -2.23	41.14 -2.61 -2.36	44.32 -1.53 -2.04	46.19 -1.42 -1.83	51.18 -1.56 -0.76	53.95 -1.04 -0.28	53.33 -2.05 0.00	52.31 -2.29 0.00	50.13 -1.39 0.00	46.67 -2.56 0.00	44.98 -3.28 0.00	45.81 -2.56 0.00	43.41 -2.67 0.00	36.76 -3.77 0.00	37.96 -5.18 0.00
DUNKIRK___4 23566	31.09 -3.23 0.00	24.62 -3.07 0.00	23.11 -2.89 0.00	21.58 -2.70 0.00	21.80 -2.64 0.00	24.47 -2.72 0.00	29.86 -3.10 0.00	33.96 -3.43 -1.70	35.95 -2.73 -2.34	38.77 -2.50 -2.23	41.14 -2.61 -2.36	44.32 -1.53 -2.04	46.19 -1.42 -1.83	51.18 -1.56 -0.76	53.95 -1.04 -0.28	53.33 -2.05 0.00	52.31 -2.29 0.00	50.13 -1.39 0.00	46.67 -2.56 0.00	44.98 -3.28 0.00	45.81 -2.56 0.00	43.41 -2.67 0.00	36.76 -3.77 0.00	37.96 -5.18 0.00
EAST HAMPTON___GT 23717	56.05 5.53 -16.20	53.86 3.85 -22.32	52.64 3.54 -23.10	51.67 3.28 -24.11	51.68 3.27 -23.97	51.52 3.64 -20.69	52.78 5.11 -14.71	56.89 6.60 -14.60	57.82 7.01 -14.47	61.02 7.85 -14.13	66.54 8.69 -16.46	105.32 10.03 -51.48	115.82 11.26 -58.78	129.07 9.15 -67.94	128.93 10.01 -64.21	128.16 10.19 -62.59	129.34 9.99 -64.75	128.34 9.27 -67.55	128.94 8.71 -71.00	109.62 11.10 -50.26	103.92 11.56 -43.99	75.60 10.37 -19.15	67.84 8.59 -18.72	57.66 7.46 -7.06
EAST RIVER___6 23660	37.72 3.40 0.00	29.96 2.27 0.00	28.00 2.00 0.00	26.17 1.89 0.00	26.32 1.88 0.00	29.23 2.04 0.00	36.09 3.13 0.00	47.60 4.10 -7.81	55.30 4.32 -14.64	61.60 4.72 -17.84	65.44 5.05 -19.00	70.51 5.70 -21.00	71.54 6.09 -19.67	74.54 7.02 -15.54	74.49 7.50 -12.28	77.50 7.53 -14.59	74.98 7.59 -12.79	73.59 6.80 -15.27	70.83 6.74 -14.86	64.33 6.47 -9.60	65.14 6.39 -10.38	65.06 6.04 -12.94	61.16 5.19 -15.44	47.80 4.66 0.00
EAST RIVER___7 23524	37.72 3.40 0.00	29.96 2.27 0.00	28.00 2.00 0.00	26.17 1.89 0.00	26.32 1.88 0.00	29.23 2.04 0.00	36.09 3.13 0.00	47.60 4.10 -7.81	55.30 4.32 -14.64	61.60 4.72 -17.84	65.44 5.05 -19.00	70.51 5.70 -21.00	71.54 6.09 -19.67	74.54 7.02 -15.54	74.49 7.50 -12.28	77.50 7.53 -14.59	74.98 7.59 -12.79	73.59 6.80 -15.27	70.83 6.74 -14.86	64.33 6.47 -9.60	65.14 6.39 -10.38	65.06 6.04 -12.94	61.16 5.19 -15.44	47.80 4.66 0.00
EAST_HAMPTON___DIESEL 23722	56.05 5.53 -16.20	53.86 3.85 -22.32	52.64 3.54 -23.10	51.67 3.28 -24.11	51.68 3.27 -23.97	51.52 3.64 -20.69	52.78 5.11 -14.71	56.89 6.60 -14.60	57.82 7.01 -14.47	61.02 7.85 -14.13	66.54 8.69 -16.46	105.32 10.03 -51.48	115.82 11.26 -58.78	129.07 9.15 -67.94	128.93 10.01 -64.21	128.16 10.19 -62.59	129.34 9.99 -64.75	128.34 9.27 -67.55	128.94 8.71 -71.00	109.62 11.10 -50.26	103.92 11.56 -43.99	75.60 10.37 -19.15	67.84 8.59 -18.72	57.66 7.46 -7.06
ELEC_TRO_TEK 24086	55.20 3.43 -17.45	53.55 2.38 -23.48	51.23 2.13 -23.10	50.38 1.99 -24.11	50.39 1.98 -23.97	50.06 2.18 -20.69	50.93 3.26 -14.71	55.94 4.18 -16.07	56.97 4.36 -16.27	60.24 4.88 -16.32	64.33 5.13 -17.81	69.37 5.78 -19.78	72.84 6.27 -20.79	73.36 7.17 -14.21	74.55 7.66 -12.18	79.33 7.59 -16.36	79.53 7.59 -17.34	78.06 6.80 -19.74	73.01 6.79 -16.99	70.23 6.56 -15.41	77.41 6.53 -22.51	73.26 6.04 -21.14	65.40 5.11 -19.76	56.27 4.70 -8.43
E_CANADA_CAP_HY 24051	36.62 2.30 0.00	29.16 1.47 0.00	27.38 1.38 0.00	25.54 1.26 0.00	25.71 1.27 0.00	28.60 1.41 0.00	34.87 1.91 0.00	49.93 1.75 -12.49	55.45 1.93 -17.18	57.61 2.19 -16.38	61.00 2.28 -17.33	61.50 2.72 -14.97	62.28 3.07 -13.43	60.76 3.22 -5.56	60.31 3.56 -2.04	58.48 3.10 0.00	57.66 3.06 0.00	54.35 2.83 0.00	51.79 2.56 0.00	50.62 2.32 -0.04	50.79 2.42 0.00	48.57 2.49 0.00	42.72 2.15 -0.04	45.51 2.37 0.00
E_CANADA_MHWK_HY 24050	36.41 2.09 0.00	29.02 1.33 0.00	27.22 1.22 0.00	25.40 1.12 0.00	25.56 1.12 0.00	28.55 1.36 0.00	35.10 2.14 0.00	37.89 2.39 0.19	38.76 2.69 0.27	41.84 3.05 0.25	44.47 3.35 0.27	47.35 3.77 0.23	49.60 4.03 0.21	56.52 4.63 0.09	59.66 4.98 0.03	60.36 4.98 0.00	59.51 4.91 0.00	56.16 4.64 0.00	53.46 4.23 0.00	52.27 4.01 0.00	52.53 4.16 0.00	49.81 3.73 0.00	43.41 2.88 0.00	45.73 2.59 0.00
E_FISHKILL___LBMP 23776	36.86 2.54 0.00	29.38 1.69 0.00	27.51 1.51 0.00	25.69 1.41 0.00	25.83 1.39 0.00	28.71 1.52 0.00	35.30 2.34 0.00	46.72 3.10 -7.93	50.51 3.27 -10.90	52.99 3.55 -10.40	59.31 3.77 -14.15	61.23 4.25 -13.17	63.08 4.53 -12.77	64.91 5.25 -7.68	64.76 5.64 -4.41	65.83 5.76 -4.69	72.69 5.79 -12.30	64.87 5.10 -8.25	62.97 5.17 -8.57	60.98 4.92 -7.80	53.26 4.89 0.00	50.73 4.65 0.00	44.57 4.01 -0.03	46.76 3.62 0.00
FAR ROCKAWAY___4 23548	65.02 4.12 -26.58	62.55 2.94 -31.92	51.88 2.76 -23.12	50.99 2.60 -24.11	51.00 2.59 -23.97	50.60 2.72 -20.69	51.66 3.99 -14.71	67.44 5.00 -26.75	71.11 5.34 -29.43	78.29 5.78 -33.47	75.62 5.84 -28.39	87.62 6.48 -37.33	98.55 7.00 -45.77	98.92 8.16 -38.78	99.00 9.03 -35.26	98.77 8.92 -34.47	98.74 8.95 -35.19	98.76 8.04 -39.20	98.73 7.73 -41.77	97.26 7.29 -41.71	152.85 7.30 -97.18	90.30 6.64 -37.58	74.03 5.59 -27.91	67.27 5.69 -18.44
FENNER___WINDPWR 24204	34.94 0.62 0.00	27.94 0.25 0.00	26.23 0.23 0.00	24.50 0.22 0.00	24.66 0.22 0.00	27.49 0.30 0.00	33.62 0.66 0.00	35.90 0.21 0.00	36.74 0.40 0.00	39.63 0.59 0.00	42.05 0.66 0.00	44.69 0.88 0.00	46.74 0.96 0.00	53.07 1.09 0.00	55.86 1.15 0.00	56.82 1.44 0.00	55.91 1.31 0.00	52.81 1.29 0.00	50.21 0.98 0.00	49.03 0.77 0.00	49.29 0.92 0.00	46.86 0.78 0.00	40.85 0.32 0.00	43.70 0.56 0.00
FIBERTEK___ENERGY 23856	33.67 -0.65 0.00	27.00 -0.69 0.00	25.35 -0.65 0.00	23.67 -0.61 0.00	23.85 -0.59 0.00	26.54 -0.65 0.00	32.33 -0.63 0.00	35.12 -1.03 -0.46	36.10 -0.87 -0.63	38.86 -0.78 -0.60	41.15 -0.87 -0.63	43.57 -0.79 -0.55	45.40 -0.87 -0.49	51.19 -0.99 -0.20	53.69 -1.09 -0.07	55.10 -0.28 0.00	54.16 -0.44 0.00	51.26 -0.26 0.00	48.74 -0.49 0.00	47.54 -0.72 0.00	47.79 -0.58 0.00	45.53 -0.55 0.00	39.60 -0.93 0.00	42.10 -1.04 0.00
FITZPATRICK___ 23598	33.19 -1.13 0.00	26.67 -1.02 0.00	25.04 -0.96 0.00	23.38 -0.90 0.00	23.54 -0.90 0.00	26.21 -0.98 0.00	31.84 -1.12 0.00	34.52 -1.39 -0.22	35.30 -1.34 -0.30	37.92 -1.41 -0.29	40.21 -1.49 -0.31	42.55 -1.53 -0.27	44.37 -1.65 -0.24	50.16 -1.92 -0.10	52.73 -2.02 -0.04	53.88 -1.50 0.00	53.07 -1.53 0.00	50.13 -1.39 0.00	47.75 -1.48 0.00	46.72 -1.54 0.00	46.92 -1.45 0.00	44.74 -1.34 0.00	39.07 -1.46 0.00	41.59 -1.55 0.00
FORT ORANGE___ 23900	36.62 2.30 0.00	29.24 1.55 0.00	27.40 1.40 0.00	25.59 1.31 0.00	25.74 1.30 0.00	28.63 1.44 0.00	35.00 2.04 0.00	47.76 2.46 -9.61	52.25 2.69 -13.22	54.27 2.62 -12.61	57.50 2.77 -13.34	58.44 3.11 -11.52	59.46 3.34 -10.34	60.05 3.79 -4.28	60.38 4.10 -1.57	59.37 3.99 0.00	58.59 3.99 0.00	55.18 3.66 0.00	53.32 4.09 0.00	52.20 3.91 -0.03	52.39 4.02 0.00	49.86 3.78 0.00	43.76 3.20 -0.03	46.12 2.98 0.00
FORT_DRUM_COGEN 23780	34.53 0.21 0.00	27.61 -0.08 0.00	25.87 -0.13 0.00	24.13 -0.15 0.00	24.29 -0.15 0.00	27.16 -0.03 0.00	33.32 0.36 0.00	34.94 -0.75 0.00	35.79 -0.55 0.00	38.61 -0.43 0.00	40.98 -0.41 0.00	43.50 -0.31 0.00	45.69 -0.09 0.00	51.98 0.00 0.00	54.38 -0.33 0.00	55.38 0.00 0.00	54.49 -0.11 0.00	51.42 -0.10 0.00	48.89 -0.34 0.00	47.78 -0.48 0.00	48.13 -0.24 0.00	45.71 -0.37 0.00	39.88 -0.65 0.00	43.23 0.09 0.00



FPL FAR_ROCK_GT1 24212	65.02 4.12 -26.58	62.55 2.94 -31.92	51.88 2.76 -23.12	50.99 2.60 -24.11	51.00 2.59 -23.97	50.60 2.72 -20.69	51.66 3.99 -14.71	67.44 5.00 -26.75	71.11 5.34 -29.43	78.29 5.78 -33.47	75.16 5.38 -28.39	87.14 6.00 -37.33	98.05 6.50 -45.77	98.35 7.59 -38.78	98.40 8.43 -35.26	98.16 8.31 -34.47	98.14 8.35 -35.19	98.19 7.47 -39.20	98.19 7.19 -41.77	96.77 6.80 -41.71	152.32 6.77 -97.18	89.79 6.13 -37.58	73.59 5.15 -27.91	67.27 5.69 -18.44
FPL FAR_ROCK_GT2 23815	65.02 4.12 -26.58	62.55 2.94 -31.92	51.88 2.76 -23.12	50.99 2.60 -24.11	51.00 2.59 -23.97	50.60 2.72 -20.69	51.66 3.99 -14.71	67.44 5.00 -26.75	71.11 5.34 -29.43	78.29 5.78 -33.47	75.62 5.84 -28.39	87.62 6.48 -37.33	98.55 7.00 -45.77	98.92 8.16 -38.78	99.00 9.03 -35.26	98.77 8.92 -34.47	98.74 8.95 -35.19	98.76 8.04 -39.20	98.73 7.73 -41.77	97.26 7.29 -41.71	152.85 7.30 -97.18	90.30 6.64 -37.58	74.03 5.59 -27.91	67.27 5.69 -18.44
FRANKLIN_FALL_HYD 24054	32.91 -1.41 0.00	27.05 -0.64 0.00	25.38 -0.62 0.00	23.70 -0.58 0.00	23.85 -0.59 0.00	26.54 -0.65 0.00	31.81 -1.15 0.00	34.48 -1.21 0.00	34.92 -1.42 0.00	37.32 -1.72 0.00	39.61 -1.78 0.00	41.66 -2.15 0.00	43.72 -2.06 0.00	49.69 -2.29 0.00	51.92 -2.79 0.00	51.95 -3.43 0.00	51.27 -3.33 0.00	48.33 -3.19 0.00	46.33 -2.90 0.00	45.70 -2.56 0.00	45.81 -2.56 0.00	43.50 -2.58 0.00	38.99 -1.54 0.00	41.46 -1.68 0.00
FREEPORT_EQUS_GT1 23764	56.76 3.95 -18.49	54.84 2.71 -24.44	51.54 2.44 -23.10	50.70 2.31 -24.11	50.71 2.30 -23.97	50.44 2.56 -20.69	51.43 3.76 -14.71	57.72 4.75 -17.28	59.16 5.05 -17.77	62.27 5.62 -17.61	65.96 5.96 -18.61	71.61 6.70 -21.10	75.73 7.28 -22.67	76.36 8.32 -16.06	77.60 8.97 -13.92	82.02 8.92 -17.72	82.18 8.90 -18.68	80.77 8.04 -21.21	75.96 7.88 -18.85	73.23 7.58 -17.39	84.09 7.59 -28.13	75.46 7.00 -22.38	66.79 5.88 -20.38	58.02 5.31 -9.57
FULTON COGEN____ 23766	33.60 -0.72 0.00	26.94 -0.75 0.00	25.27 -0.73 0.00	23.60 -0.68 0.00	23.76 -0.68 0.00	26.46 -0.73 0.00	32.23 -0.73 0.00	34.92 -1.07 -0.30	35.82 -0.94 -0.42	38.54 -0.90 -0.40	40.86 -0.95 -0.42	43.25 -0.92 -0.36	45.10 -1.01 -0.33	50.98 -1.14 -0.14	53.56 -1.20 -0.05	54.88 -0.50 0.00	54.00 -0.60 0.00	51.00 -0.52 0.00	48.54 -0.69 0.00	47.39 -0.87 0.00	47.60 -0.77 0.00	45.39 -0.69 0.00	39.48 -1.05 0.00	42.02 -1.12 0.00
Freeport____CT2 23818	56.76 3.95 -18.49	54.84 2.71 -24.44	51.54 2.44 -23.10	50.70 2.31 -24.11	50.71 2.30 -23.97	50.44 2.56 -20.69	51.43 3.76 -14.71	57.72 4.75 -17.28	59.16 5.05 -17.77	62.27 5.62 -17.61	65.96 5.96 -18.61	71.61 6.70 -21.10	75.73 7.28 -22.67	76.36 8.32 -16.06	77.60 8.97 -13.92	82.02 8.92 -17.72	82.18 8.90 -18.68	80.77 8.04 -21.21	75.96 7.88 -18.85	73.23 7.58 -17.39	84.09 7.59 -28.13	75.46 7.00 -22.38	66.79 5.88 -20.38	58.02 5.31 -9.57
G.F.CEMENT____DRP 24184	37.41 3.09 0.00	29.82 2.13 0.00	27.92 1.92 0.00	26.00 1.72 0.00	26.18 1.74 0.00	29.20 2.01 0.00	35.73 2.77 0.00	48.80 3.07 -10.04	53.27 3.12 -13.81	55.76 3.55 -13.17	58.96 3.64 -13.93	59.96 4.12 -12.03	60.93 4.35 -10.80	61.18 4.73 -4.47	61.44 5.09 -1.64	60.14 4.76 0.00	59.35 4.75 0.00	56.36 4.84 0.00	53.96 4.73 0.00	52.73 4.44 -0.03	53.40 5.03 0.00	50.78 4.70 0.00	44.53 3.97 -0.03	47.11 3.97 0.00
GARDENVILLE____LBMP 24039	31.33 -2.99 0.00	24.78 -2.91 0.00	23.24 -2.76 0.00	21.75 -2.53 0.00	21.92 -2.52 0.00	24.58 -2.61 0.00	29.73 -3.23 0.00	33.74 -3.43 -1.48	35.47 -2.91 -2.04	38.13 -2.85 -1.94	40.42 -3.02 -2.05	43.21 -2.37 -1.77	44.76 -2.61 -1.59	49.57 -3.07 -0.66	52.05 -2.90 -0.24	52.22 -3.16 0.00	51.22 -3.38 0.00	49.20 -2.32 0.00	46.08 -3.15 0.00	44.54 -3.72 0.00	45.27 -3.10 0.00	43.32 -2.76 0.00	36.52 -4.01 0.00	38.27 -4.87 0.00
GENERAL____MILLS 23808	31.40 -2.92 0.00	24.84 -2.85 0.00	23.30 -2.70 0.00	21.80 -2.48 0.00	21.95 -2.49 0.00	24.61 -2.58 0.00	29.76 -3.20 0.00	33.86 -3.32 -1.49	35.52 -2.87 -2.05	38.23 -2.77 -1.96	40.56 -2.90 -2.07	43.32 -2.28 -1.79	44.83 -2.56 -1.61	49.68 -2.96 -0.66	52.16 -2.79 -0.24	52.33 -3.05 0.00	51.27 -3.33 0.00	49.25 -2.27 0.00	46.13 -3.10 0.00	44.59 -3.67 0.00	45.32 -3.05 0.00	43.41 -2.67 0.00	36.56 -3.97 0.00	38.35 -4.79 0.00
GE_PLASTICS____DRP 24183	35.62 1.30 0.00	28.55 0.86 0.00	26.78 0.78 0.00	24.98 0.70 0.00	25.15 0.71 0.00	27.95 0.76 0.00	34.08 1.12 0.00	46.85 1.46 -9.70	51.28 1.60 -13.34	53.52 1.76 -12.72	56.70 1.86 -13.45	57.53 2.10 -11.62	58.45 2.24 -10.43	58.85 2.55 -4.32	59.03 2.74 -1.58	58.04 2.66 0.00	57.28 2.68 0.00	53.99 2.47 0.00	51.74 2.51 0.00	50.70 2.41 -0.03	50.84 2.47 0.00	48.43 2.35 0.00	42.51 1.95 -0.03	44.91 1.77 0.00
GILBOA____1 23756	35.62 1.30 0.00	28.60 0.91 0.00	26.91 0.91 0.00	25.11 0.83 0.00	25.27 0.83 0.00	28.03 0.84 0.00	34.15 1.19 0.00	44.99 1.61 -7.69	48.70 1.78 -10.58	51.12 1.99 -10.09	54.17 2.11 -10.67	55.35 2.32 -9.22	56.43 2.38 -8.27	58.15 2.75 -3.42	58.98 3.01 -1.26	58.20 2.82 0.00	57.44 2.84 0.00	54.20 2.68 0.00	51.89 2.66 0.00	50.94 2.65 -0.03	51.08 2.71 0.00	48.57 2.49 0.00	42.67 2.11 -0.03	44.95 1.81 0.00
GILBOA____2 23757	35.62 1.30 0.00	28.60 0.91 0.00	27.01 1.01 0.00	25.23 0.95 0.00	25.39 0.95 0.00	28.03 0.84 0.00	34.15 1.19 0.00	44.99 1.61 -7.69	48.70 1.78 -10.58	51.12 1.99 -10.09	54.17 2.11 -10.67	55.13 2.10 -9.22	56.20 2.15 -8.27	57.89 2.49 -3.42	58.71 2.74 -1.26	57.93 2.55 0.00	57.17 2.57 0.00	53.94 2.42 0.00	51.69 2.46 0.00	50.94 2.65 -0.03	51.08 2.71 0.00	48.57 2.49 0.00	42.67 2.11 -0.03	44.95 1.81 0.00
GILBOA____3 23758	35.62 1.30 0.00	28.60 0.91 0.00	26.91 0.91 0.00	25.11 0.83 0.00	25.27 0.83 0.00	28.03 0.84 0.00	34.15 1.19 0.00	44.99 1.61 -7.69	48.70 1.78 -10.58	51.12 1.99 -10.09	54.17 2.11 -10.67	55.35 2.32 -9.22	56.43 2.38 -8.27	58.15 2.75 -3.42	58.98 3.01 -1.26	58.20 2.82 0.00	57.44 2.84 0.00	54.20 2.68 0.00	51.89 2.66 0.00	50.94 2.65 -0.03	51.08 2.71 0.00	48.57 2.49 0.00	42.67 2.11 -0.03	44.95 1.81 0.00
GILBOA____4 23759	35.62 1.30 0.00	28.74 1.05 0.00	27.01 1.01 0.00	25.23 0.95 0.00	25.39 0.95 0.00	28.14 0.95 0.00	34.15 1.19 0.00	44.99 1.61 -7.69	48.70 1.78 -10.58	51.12 1.99 -10.09	54.17 2.11 -10.67	55.35 2.32 -9.22	56.25 2.20 -8.27	57.89 2.49 -3.42	58.76 2.79 -1.26	57.93 2.55 0.00	57.17 2.57 0.00	54.20 2.68 0.00	51.89 2.66 0.00	50.94 2.65 -0.03	51.08 2.71 0.00	48.57 2.49 0.00	42.67 2.11 -0.03	44.95 1.81 0.00
GILBOA____ 23599	35.62 1.30 0.00	28.60 0.91 0.00	26.91 0.91 0.00	25.11 0.83 0.00	25.27 0.83 0.00	28.03 0.84 0.00	34.15 1.19 0.00	44.99 1.61 -7.69	48.70 1.78 -10.58	51.12 1.99 -10.09	54.17 2.11 -10.67	55.35 2.32 -9.22	56.43 2.38 -8.27	58.15 2.75 -3.42	58.98 3.01 -1.26	58.20 2.82 0.00	57.44 2.84 0.00	54.20 2.68 0.00	51.89 2.66 0.00	50.94 2.65 -0.03	51.08 2.71 0.00	48.57 2.49 0.00	42.67 2.11 -0.03	44.95 1.81 0.00
GINNA____ 23603	31.71 -2.61 0.00	25.39 -2.30 0.00	23.84 -2.16 0.00	22.34 -1.94 0.00	22.49 -1.95 0.00	25.07 -2.12 0.00	30.22 -2.74 0.00	33.32 -3.21 -0.84	34.27 -3.23 -1.16	36.71 -3.44 -1.11	39.00 -3.56 -1.17	41.27 -3.55 -1.01	42.80 -3.89 -0.91	47.68 -4.68 -0.38	49.82 -5.03 -0.14	50.89 -4.49 0.00	50.01 -4.59 0.00	47.55 -3.97 0.00	44.95 -4.28 0.00	43.77 -4.49 0.00	44.16 -4.21 0.00	42.49 -3.59 0.00	36.56 -3.97 0.00	39.26 -3.88 0.00



GLEN PARK____ 23778	34.83 0.51 0.00	27.80 0.11 0.00	26.03 0.03 0.00	24.30 0.02 0.00	24.46 0.02 0.00	27.35 0.16 0.00	33.62 0.66 0.00	35.37 -0.46 -0.14	36.31 -0.22 -0.19	39.14 -0.08 -0.18	41.58 0.00 -0.19	44.16 0.18 -0.17	46.30 0.37 -0.15	52.61 0.57 -0.06	55.06 0.33 -0.02	56.04 0.66 0.00	55.15 0.55 0.00	52.04 0.52 0.00	49.43 0.20 0.00	48.26 0.00 0.00	48.61 0.24 0.00	46.17 0.09 0.00	40.17 -0.36 0.00	43.57 0.43 0.00
GLENWOOD_IC_1_G5 23712	55.58 3.47 -17.79	53.86 2.38 -23.79	51.23 2.13 -23.10	50.38 1.99 -24.11	50.39 1.98 -23.97	50.03 2.15 -20.69	50.83 3.16 -14.71	56.30 4.14 -16.47	57.51 4.40 -16.77	60.80 4.88 -16.88	64.71 5.17 -18.15	69.86 5.70 -20.35	73.38 6.00 -21.60	73.90 6.91 -15.01	74.97 7.33 -12.93	79.59 7.26 -16.95	79.78 7.26 -17.92	78.39 6.49 -20.38	73.63 6.60 -17.80	70.95 6.42 -16.27	79.60 6.29 -24.94	73.74 5.99 -21.67	65.87 5.31 -20.03	56.82 4.87 -8.81
GLENWOOD_IC_2_G1 23688	54.27 3.29 -16.66	52.68 2.24 -22.75	51.10 2.00 -23.10	50.26 1.87 -24.11	50.27 1.86 -23.97	49.92 2.04 -20.69	50.74 3.07 -14.71	54.86 4.03 -15.14	55.73 4.25 -15.14	58.76 4.69 -15.03	63.37 4.97 -17.01	67.83 5.56 -18.46	70.69 6.00 -18.91	71.21 6.86 -12.37	72.54 7.39 -10.44	77.75 7.37 -15.00	77.97 7.37 -16.00	76.39 6.59 -18.28	70.95 6.60 -15.12	68.06 6.37 -13.43	71.56 6.29 -16.90	71.88 5.90 -19.90	64.75 5.07 -19.15	55.28 4.57 -7.57
GLENWOOD_IC_3_G1 23689	54.27 3.29 -16.66	52.68 2.24 -22.75	51.10 2.00 -23.10	50.26 1.87 -24.11	50.27 1.86 -23.97	49.92 2.04 -20.69	50.74 3.07 -14.71	54.86 4.03 -15.14	55.73 4.25 -15.14	58.76 4.69 -15.03	63.37 4.97 -17.01	67.83 5.56 -18.46	70.69 6.00 -18.91	71.21 6.86 -12.37	72.54 7.39 -10.44	77.75 7.37 -15.00	77.97 7.37 -16.00	76.39 6.59 -18.28	70.95 6.60 -15.12	68.06 6.37 -13.43	71.56 6.29 -16.90	71.88 5.90 -19.90	64.75 5.07 -19.15	55.28 4.57 -7.57
GLENWOOD____4 23550	55.58 3.47 -17.79	53.86 2.38 -23.79	51.23 2.13 -23.10	50.38 1.99 -24.11	50.39 1.98 -23.97	50.03 2.15 -20.69	50.83 3.16 -14.71	56.30 4.14 -16.47	57.51 4.40 -16.77	60.80 4.88 -16.88	64.71 5.17 -18.15	69.86 5.70 -20.35	73.38 6.00 -21.60	73.90 6.91 -15.01	75.03 7.39 -12.93	79.59 7.26 -16.95	79.78 7.26 -17.92	78.39 6.49 -20.38	73.63 6.60 -17.80	70.95 6.42 -16.27	79.60 6.29 -24.94	73.74 5.99 -21.67	65.87 5.31 -20.03	56.82 4.87 -8.81
GLENWOOD____5 23614	55.58 3.47 -17.79	53.86 2.38 -23.79	51.23 2.13 -23.10	50.38 1.99 -24.11	50.39 1.98 -23.97	50.03 2.15 -20.69	50.83 3.16 -14.71	56.30 4.14 -16.47	57.51 4.40 -16.77	60.80 4.88 -16.88	64.71 5.17 -18.15	69.86 5.70 -20.35	73.38 6.00 -21.60	73.90 6.91 -15.01	75.03 7.39 -12.93	79.59 7.26 -16.95	79.78 7.26 -17.92	78.39 6.49 -20.38	73.63 6.60 -17.80	70.95 6.42 -16.27	79.60 6.29 -24.94	73.74 5.99 -21.67	65.87 5.31 -20.03	56.82 4.87 -8.81
GLOBAL GREEN_PORT_GT1 23814	56.05 5.53 -16.20	53.86 3.85 -22.32	52.64 3.54 -23.10	51.67 3.28 -24.11	51.68 3.27 -23.97	51.52 3.64 -20.69	52.78 5.11 -14.71	56.89 6.60 -14.60	57.82 7.01 -14.47	61.02 7.85 -14.13	66.54 8.69 -16.46	105.32 10.03 -51.48	115.82 11.26 -58.78	129.07 9.15 -67.94	128.93 10.01 -64.21	128.16 10.19 -62.59	129.34 9.99 -64.75	128.34 9.27 -67.55	128.94 8.71 -71.00	109.62 11.10 -50.26	103.92 11.56 -43.99	75.60 10.37 -19.15	67.84 8.59 -18.72	57.66 7.46 -7.06
GOUDEY____7 23579	33.87 -0.45 0.00	27.03 -0.66 0.00	25.40 -0.60 0.00	23.70 -0.58 0.00	23.90 -0.54 0.00	26.67 -0.52 0.00	32.70 -0.26 0.00	39.55 0.29 -3.57	42.19 0.94 -4.91	45.09 1.37 -4.68	47.83 1.49 -4.95	50.63 2.54 -4.28	52.64 3.02 -3.84	57.10 3.53 -1.59	59.61 4.32 -0.58	57.21 1.83 0.00	56.29 1.69 0.00	53.37 1.85 0.00	50.41 1.18 0.00	48.99 0.72 -0.01	49.39 1.02 0.00	46.77 0.69 0.00	40.62 0.08 -0.01	42.41 -0.73 0.00
GOUDEY____8 23580	33.74 -0.58 0.00	26.94 -0.75 0.00	25.32 -0.68 0.00	23.62 -0.66 0.00	23.83 -0.61 0.00	26.59 -0.60 0.00	32.60 -0.36 0.00	39.37 0.11 -3.57	41.98 0.73 -4.91	44.89 1.17 -4.68	47.58 1.24 -4.95	50.41 2.32 -4.28	52.37 2.75 -3.84	56.84 3.27 -1.59	59.28 3.99 -0.58	56.93 1.55 0.00	56.02 1.42 0.00	53.07 1.55 0.00	50.12 0.89 0.00	48.70 0.43 -0.01	49.14 0.77 0.00	46.54 0.46 0.00	40.42 -0.12 -0.01	42.19 -0.95 0.00
GOWANUS_GT_1_GRP 23732	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT_2_GRP 23617	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT_3_GRP 23618	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT_4_GRP 23751	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT1_1 24077	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT1_2 24078	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT1_3 24079	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20



GOWANUS_GT1_4 24080	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT1_5 24084	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT1_6 24111	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT1_7 24112	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT1_8 24113	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT2_1 24114	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT2_2 24115	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13



GOWANUS_GT3_4 24125	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT3_5 24126	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT3_6 24127	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT3_7 24128	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT3_8 24129	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT4_1 24130	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT4_2 24131	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT4_3 24132	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT4_4 24133	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT4_5 24134	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT4_6 24135	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT4_7 24136	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GOWANUS_GT4_8 24137	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
GRAHMSVILLE___HY 23607	35.52 1.20 0.00	28.58 0.89 0.00	26.73 0.73 0.00	24.98 0.70 0.00	25.12 0.68 0.00	27.92 0.73 0.00	34.15 1.19 0.00	43.97 1.46 -6.82	47.17 1.45 -9.38	49.70 1.72 -8.94	52.67 1.82 -9.46	54.21 2.23 -8.17	55.63 2.52 -7.33	58.08 3.07 -3.03	59.16 3.34 -1.11	59.15 3.77 0.00	58.53 3.93 0.00	54.46 2.94 0.00	52.58 3.35 0.00	51.42 3.14 -0.02	51.18 2.81 0.00	48.43 2.35 0.00	42.62 2.07 -0.02	45.47 2.33 0.00
GREENIDGE___3 23582	32.57 -1.75 0.00	26.11 -1.58 0.00	24.54 -1.46 0.00	22.94 -1.34 0.00	23.14 -1.30 0.00	25.83 -1.36 0.00	31.38 -1.58 0.00	35.43 -2.11 -1.85	37.29 -1.60 -2.55	40.10 -1.37 -2.43	42.51 -1.45 -2.57	45.24 -0.79 -2.22	47.08 -0.69 -1.99	52.02 -0.78 -0.82	54.57 -0.44 -0.30	54.22 -1.16 0.00	53.24 -1.36 0.00	50.59 -0.93 0.00	47.61 -1.62 0.00	46.14 -2.12 0.00	46.68 -1.69 0.00	44.37 -1.71 0.00	38.14 -2.39 0.00	40.29 -2.85 0.00
GREENIDGE___4 23583	32.47 -1.85 0.00	26.06 -1.63 0.00	24.49 -1.51 0.00	22.90 -1.38 0.00	23.12 -1.32 0.00	25.78 -1.41 0.00	31.31 -1.65 0.00	35.29 -2.25 -1.85	37.11 -1.78 -2.55	39.91 -1.56 -2.43	42.30 -1.66 -2.57	45.02 -1.01 -2.22	46.85 -0.92 -1.99	51.76 -1.04 -0.82	54.30 -0.71 -0.30	53.94 -1.44 0.00	52.96 -1.64 0.00	50.34 -1.18 0.00	47.36 -1.87 0.00	45.94 -2.32 0.00	46.44 -1.93 0.00	44.14 -1.94 0.00	37.94 -2.59 0.00	40.12 -3.02 0.00



HARZA MOOSE___RIVER 24016	34.90 0.58 0.00	27.94 0.25 0.00	26.21 0.21 0.00	24.47 0.19 0.00	24.64 0.20 0.00	27.49 0.30 0.00	33.62 0.66 0.00	35.80 0.11 0.00	36.59 0.25 0.00	39.43 0.39 0.00	41.80 0.41 0.00	44.38 0.57 0.00	46.51 0.73 0.00	52.86 0.88 0.00	55.48 0.77 0.00	56.32 0.94 0.00	55.47 0.87 0.00	52.34 0.82 0.00	49.87 0.64 0.00	48.79 0.53 0.00	49.05 0.68 0.00	46.63 0.55 0.00	40.77 0.24 0.00	43.74 0.60 0.00
HEMPSTEAD____ 23647	55.57 3.53 -17.72	53.85 2.44 -23.72	51.28 2.18 -23.10	50.43 2.04 -24.11	50.44 2.03 -23.97	50.11 2.23 -20.69	50.97 3.30 -14.71	56.32 4.25 -16.38	57.47 4.47 -16.66	60.65 5.00 -16.61	64.64 5.26 -17.99	69.76 5.87 -20.08	73.31 6.32 -21.21	73.84 7.23 -14.63	75.05 7.77 -12.57	79.74 7.70 -16.66	79.94 7.70 -17.64	78.49 6.90 -20.07	73.53 6.89 -17.41	70.78 6.66 -15.86	78.77 6.63 -23.77	73.68 6.18 -21.42	65.70 5.27 -19.90	56.74 4.87 -8.73
HICKLING___1 23621	33.26 -1.06 0.00	26.33 -1.36 0.00	24.75 -1.25 0.00	23.09 -1.19 0.00	23.34 -1.10 0.00	26.13 -1.06 0.00	32.17 -0.79 0.00	37.82 -0.57 -2.70	40.38 0.33 -3.71	43.48 0.90 -3.54	46.08 0.95 -3.74	49.41 2.37 -3.23	51.61 2.93 -2.90	56.61 3.43 -1.20	59.47 4.32 -0.44	57.60 2.22 0.00	56.57 1.97 0.00	53.79 2.27 0.00	50.31 1.08 0.00	48.56 0.29 -0.01	49.29 0.92 0.00	46.49 0.41 0.00	39.93 -0.61 -0.01	41.28 -1.86 0.00
HICKLING___2 23622	33.26 -1.06 0.00	26.33 -1.36 0.00	24.75 -1.25 0.00	23.09 -1.19 0.00	23.34 -1.10 0.00	26.13 -1.06 0.00	32.17 -0.79 0.00	37.82 -0.57 -2.70	40.38 0.33 -3.71	43.48 0.90 -3.54	46.08 0.95 -3.74	49.41 2.37 -3.23	51.61 2.93 -2.90	56.61 3.43 -1.20	59.47 4.32 -0.44	57.60 2.22 0.00	56.57 1.97 0.00	53.79 2.27 0.00	50.31 1.08 0.00	48.56 0.29 -0.01	49.29 0.92 0.00	46.49 0.41 0.00	39.93 -0.61 -0.01	41.28 -1.86 0.00
HIGH FALLS___HY 23754	35.73 1.41 0.00	28.69 1.00 0.00	26.83 0.83 0.00	25.06 0.78 0.00	25.20 0.76 0.00	27.98 0.79 0.00	34.25 1.29 0.00	45.19 1.64 -7.86	48.64 1.49 -10.81	51.14 1.80 -10.30	54.19 1.90 -10.90	55.59 2.37 -9.41	56.93 2.70 -8.45	58.81 3.33 -3.50	59.55 3.56 -1.28	59.87 4.49 0.00	59.35 4.75 0.00	54.82 3.30 0.00	53.27 4.04 0.00	52.05 3.76 -0.03	51.61 3.24 0.00	48.71 2.63 0.00	42.99 2.43 -0.03	45.94 2.80 0.00
HILLBURN___GT 23639	36.93 2.61 0.00	29.38 1.69 0.00	27.48 1.48 0.00	25.66 1.38 0.00	25.81 1.37 0.00	28.69 1.50 0.00	35.40 2.44 0.00	46.38 3.18 -7.51	50.01 3.34 -10.33	52.56 3.67 -9.85	55.74 3.93 -10.42	57.28 4.47 -9.00	58.71 4.85 -8.08	60.93 5.61 -3.34	62.01 6.07 -1.23	61.69 6.31 0.00	60.99 6.39 0.00	56.98 5.46 0.00	54.84 5.61 0.00	53.60 5.31 -0.03	53.55 5.18 0.00	50.87 4.79 0.00	44.73 4.17 -0.03	46.89 3.75 0.00
HOLTSVIL 1-5___GRP1 24031	54.03 3.53 -16.18	52.49 2.49 -22.31	51.34 2.24 -23.10	50.48 2.09 -24.11	50.51 2.10 -23.97	50.16 2.28 -20.69	50.97 3.30 -14.71	54.28 4.00 -14.59	54.86 4.07 -14.45	57.52 4.37 -14.11	62.55 4.72 -16.44	65.52 5.39 -16.32	68.03 6.13 -16.12	67.42 6.39 -9.05	68.93 6.95 -7.27	74.68 6.98 -12.32	74.82 6.93 -13.29	73.22 6.23 -15.47	67.22 6.20 -11.79	65.12 6.18 -10.68	66.54 6.39 -11.78	70.80 5.71 -19.01	64.18 4.94 -18.71	54.76 4.57 -7.05
HOLTSVIL6-10___GRP2 24032	54.37 3.84 -16.21	52.68 2.66 -22.33	51.49 2.39 -23.10	50.62 2.23 -24.11	50.66 2.25 -23.97	50.33 2.45 -20.69	51.20 3.53 -14.71	54.59 4.28 -14.62	55.24 4.40 -14.50	57.95 4.76 -14.15	62.95 5.09 -16.47	73.64 5.87 -23.96	77.91 6.73 -25.40	80.72 6.91 -21.83	81.89 7.55 -19.63	86.19 7.59 -23.22	86.58 7.53 -24.45	85.09 6.80 -26.77	80.56 6.69 -24.64	74.21 6.66 -19.29	74.25 6.97 -18.91	71.34 6.18 -19.08	64.57 5.31 -18.73	55.05 4.83 -7.08
HOLTSVILLE_IC_1 23690	54.03 3.53 -16.18	52.49 2.49 -22.31	51.34 2.24 -23.10	50.48 2.09 -24.11	50.51 2.10 -23.97	50.16 2.28 -20.69	50.97 3.30 -14.71	54.28 4.00 -14.59	54.86 4.07 -14.45	57.52 4.37 -14.11	62.55 4.72 -16.44	65.52 5.39 -16.32	68.03 6.13 -16.12	67.42 6.39 -9.05	68.93 6.95 -7.27	74.68 6.98 -12.32	74.82 6.93 -13.29	73.22 6.23 -15.47	67.22 6.20 -11.79	65.12 6.18 -10.68	66.54 6.39 -11.78	70.80 5.71 -19.01	64.18 4.94 -18.71	54.76 4.57 -7.05
HOLTSVILLE_IC_10 23699	54.37 3.84 -16.21	52.68 2.66 -22.33	51.49 2.39 -23.10	50.62 2.23 -24.11	50.66 2.25 -23.97	50.33 2.45 -20.69	51.20 3.53 -14.71	54.59 4.28 -14.62	55.24 4.40 -14.50	57.95 4.76 -14.15	62.95 5.09 -16.47	73.64 5.87 -23.96	77.91 6.73 -25.40	80.72 6.91 -21.83	81.89 7.55 -19.63	86.19 7.59 -23.22	86.58 7.53 -24.45	85.09 6.80 -26.77	80.56 6.69 -24.64	74.21 6.66 -19.29	74.25 6.97 -18.91	71.34 6.18 -19.08	64.57 5.31 -18.73	55.05 4.83 -7.08
HOLTSVILLE_IC_2 23691	54.03 3.53 -16.18	52.49 2.49 -22.31	51.34 2.24 -23.10	50.48 2.09 -24.11	50.51 2.10 -23.97	50.16 2.28 -20.69	50.97 3.30 -14.71	54.28 4.00 -14.59	54.86 4.07 -14.45	57.52 4.37 -14.11	62.55 4.72 -16.44	65.52 5.39 -16.32	68.03 6.13 -16.12	67.42 6.39 -9.05	68.93 6.95 -7.27	74.68 6.98 -12.32	74.82 6.93 -13.29	73.22 6.23 -15.47	67.22 6.20 -11.79	65.12 6.18 -10.68	66.54 6.39 -11.78	70.80 5.71 -19.01	64.18 4.94 -18.71	54.76 4.57 -7.05
HOLTSVILLE_IC_3 23692	54.03 3.53 -16.18	52.49 2.49 -22.31	51.34 2.24 -23.10	50.48 2.09 -24.11	50.51 2.10 -23.97	50.16 2.28 -20.69	50.97 3.30 -14.71	54.28 4.00 -14.59	54.86 4.07 -14.45	57.52 4.37 -14.11	62.55 4.72 -16.44	65.52 5.39 -16.32	68.03 6.13 -16.12	67.42 6.39 -9.05	68.93 6.95 -7.27	74.68 6.98 -12.32	74.82 6.93 -13.29	73.22 6.23 -15.47	67.22 6.20 -11.79	65.12 6.18 -10.68	66.54 6.39 -11.78	70.80 5.71 -19.01	64.18 4.94 -18.71	54.76 4.57 -7.05
HOLTSVILLE_IC_4 23693	54.03 3.53 -16.18	52.49 2.49 -22.31	51.34 2.24 -23.10	50.48 2.09 -24.11	50.51 2.10 -23.97	50.16 2.28 -20.69	50.97 3.30 -14.71	54.28 4.00 -14.59	54.86 4.07 -14.45	57.52 4.37 -14.11	62.55 4.72 -16.44	65.52 5.39 -16.32	68.03 6.13 -16.12	67.42 6.39 -9.05	68.93 6.95 -7.27	74.68 6.98 -12.32	74.82 6.93 -13.29	73.22 6.23 -15.47	67.22 6.20 -11.79	65.12 6.18 -10.68	66.54 6.39 -11.78	70.80 5.71 -19.01	64.18 4.94 -18.71	54.76 4.57 -7.05
HOLTSVILLE_IC_5 23694	54.03 3.53 -16.18	52.49 2.49 -22.31	51.34 2.24 -23.10	50.48 2.09 -24.11	50.51 2.10 -23.97	50.16 2.28 -20.69	50.97 3.30 -14.71	54.28 4.00 -14.59	54.86 4.07 -14.45	57.52 4.37 -14.11	62.55 4.72 -16.44	65.52 5.39 -16.32	68.03 6.13 -16.12	67.42 6.39 -9.05	68.93 6.95 -7.27	74.68 6.98 -12.32	74.82 6.93 -13.29	73.22 6.23 -15.47	67.22 6.20 -11.79	65.12 6.18 -10.68	66.54 6.39 -11.78	70.80 5.71 -19.01	64.18 4.94 -18.71	54.76 4.57 -7.05
HOLTSVILLE_IC_6 23695	54.37 3.84 -16.21	52.68 2.66 -22.33	51.49 2.39 -23.10	50.62 2.23 -24.11	50.66 2.25 -23.97	50.33 2.45 -20.69	51.20 3.53 -14.71	54.59 4.28 -14.62	55.24 4.40 -14.50	57.95 4.76 -14.15	62.95 5.09 -16.47	73.64 5.87 -23.96	77.91 6.73 -25.40	80.72 6.91 -21.83	81.89 7.55 -19.63	86.19 7.59 -23.22	86.58 7.53 -24.45	85.09 6.80 -26.77	80.56 6.69 -24.64	74.21 6.66 -19.29	74.25 6.97 -18.91	71.34 6.18 -19.08	64.57 5.31 -18.73	55.05 4.83 -7.08
HOLTSVILLE_IC_7 23696	54.37 3.84 -16.21	52.68 2.66 -22.33	51.49 2.39 -23.10	50.62 2.23 -24.11	50.66 2.25 -23.97	50.33 2.45 -20.69	51.20 3.53 -14.71	54.59 4.28 -14.62	55.24 4.40 -14.50	57.95 4.76 -14.15	62.95 5.09 -16.47	73.64 5.87 -23.96	77.91 6.73 -25.40	80.72 6.91 -21.83	81.89 7.55 -19.63	86.19 7.59 -23.22	86.58 7.53 -24.45	85.09 6.80 -26.77	80.56 6.69 -24.64	74.21 6.66 -19.29	74.25 6.97 -18.91	71.34 6.18 -19.08	64.57 5.31 -18.73	55.05 4.83 -7.08



HOLTSVILLE_IC_8 23697	54.37 3.84 -16.21	52.68 2.66 -22.33	51.49 2.39 -23.10	50.62 2.23 -24.11	50.66 2.25 -23.97	50.33 2.45 -20.69	51.20 3.53 -14.71	54.59 4.28 -14.62	55.24 4.40 -14.50	57.95 4.76 -14.15	62.95 5.09 -16.47	73.64 5.87 -23.96	77.91 6.73 -25.40	80.72 6.91 -21.83	81.89 7.55 -19.63	86.19 7.59 -23.22	86.58 7.53 -24.45	85.09 6.80 -26.77	80.56 6.69 -24.64	74.21 6.66 -19.29	74.25 6.97 -18.91	71.34 6.18 -19.08	64.57 5.31 -18.73	55.05 4.83 -7.08
HOLTSVILLE_IC_9 23698	54.37 3.84 -16.21	52.68 2.66 -22.33	51.49 2.39 -23.10	50.62 2.23 -24.11	50.66 2.25 -23.97	50.33 2.45 -20.69	51.20 3.53 -14.71	54.59 4.28 -14.62	55.24 4.40 -14.50	57.95 4.76 -14.15	62.95 5.09 -16.47	73.64 5.87 -23.96	77.91 6.73 -25.40	80.72 6.91 -21.83	81.89 7.55 -19.63	86.19 7.59 -23.22	86.58 7.53 -24.45	85.09 6.80 -26.77	80.56 6.69 -24.64	74.21 6.66 -19.29	74.25 6.97 -18.91	71.34 6.18 -19.08	64.57 5.31 -18.73	55.05 4.83 -7.08
HQ_GEN_CEDARS 23644	33.36 -0.96 0.00	27.33 -0.36 0.00	25.61 -0.39 0.00	23.89 -0.39 0.00	24.05 -0.39 0.00	26.78 -0.41 0.00	32.33 -0.63 0.00	35.01 -0.68 0.00	35.36 -0.98 0.00	37.83 -1.21 0.00	40.15 -1.24 0.00	42.54 -1.27 0.00	45.18 -0.60 0.00	51.36 -0.62 0.00	52.96 -1.75 0.00	52.94 -2.44 0.00	52.20 -2.40 0.00	49.25 -2.27 0.00	47.11 -2.12 0.00	46.52 -1.74 0.00	46.63 -1.74 0.00	44.24 -1.84 0.00	39.64 -0.89 0.00	41.89 -1.25 0.00
HQ_GEN_CHAT DC 23651	33.70 -0.62 0.00	27.50 -0.19 0.00	25.82 -0.18 0.00	24.11 -0.17 0.00	24.27 -0.17 0.00	27.00 -0.19 0.00	32.47 -0.49 0.00	35.15 -0.54 0.00	35.65 -0.69 0.00	38.18 -0.86 0.00	40.48 -0.91 0.00	42.63 -1.18 0.00	44.54 -1.24 0.00	50.58 -1.40 0.00	53.12 -1.59 0.00	53.39 -1.99 0.00	52.69 -1.91 0.00	49.72 -1.80 0.00	47.56 -1.67 0.00	46.81 -1.45 0.00	46.77 -1.60 0.00	44.56 -1.52 0.00	39.60 -0.93 0.00	42.36 -0.78 0.00
HUDAV+59+74_TH_GRP 23620	37.68 3.36 0.00	29.96 2.27 0.00	28.00 2.00 0.00	26.15 1.87 0.00	26.32 1.88 0.00	29.23 2.04 0.00	36.09 3.13 0.00	47.57 4.07 -7.81	55.30 4.32 -14.64	61.57 4.69 -17.84	65.40 5.01 -19.00	70.42 5.61 -21.00	71.45 6.00 -19.67	74.43 6.91 -15.54	74.43 7.44 -12.28	77.45 7.48 -14.59	74.92 7.53 -12.79	73.54 6.75 -15.27	70.78 6.69 -14.86	64.28 6.42 -9.60	65.09 6.34 -10.38	65.01 5.99 -12.94	61.12 5.15 -15.44	47.80 4.66 0.00
HUDSON AVE_GT_3 23810	37.68 3.36 0.00	29.96 2.27 0.00	28.00 2.00 0.00	26.15 1.87 0.00	26.32 1.88 0.00	29.23 2.04 0.00	36.09 3.13 0.00	47.57 4.07 -7.81	55.30 4.32 -14.64	61.57 4.69 -17.84	65.40 5.01 -19.00	70.42 5.61 -21.00	71.45 6.00 -19.67	74.43 6.91 -15.54	74.43 7.44 -12.28	77.45 7.48 -14.59	74.92 7.53 -12.79	73.54 6.75 -15.27	70.78 6.69 -14.86	64.28 6.42 -9.60	65.09 6.34 -10.38	65.01 5.99 -12.94	61.12 5.15 -15.44	47.80 4.66 0.00
HUDSON AVE_GT_4 23540	37.68 3.36 0.00	29.96 2.27 0.00	28.00 2.00 0.00	26.15 1.87 0.00	26.32 1.88 0.00	29.23 2.04 0.00	36.09 3.13 0.00	47.57 4.07 -7.81	55.30 4.32 -14.64	61.57 4.69 -17.84	65.40 5.01 -19.00	70.42 5.61 -21.00	71.45 6.00 -19.67	74.43 6.91 -15.54	74.43 7.44 -12.28	77.45 7.48 -14.59	74.92 7.53 -12.79	73.54 6.75 -15.27	70.78 6.69 -14.86	64.28 6.42 -9.60	65.09 6.34 -10.38	65.01 5.99 -12.94	61.12 5.15 -15.44	47.80 4.66 0.00
HUDSON AVE_GT_5 23657	37.68 3.36 0.00	29.96 2.27 0.00	28.00 2.00 0.00	26.15 1.87 0.00	26.32 1.88 0.00	29.23 2.04 0.00	36.09 3.13 0.00	47.57 4.07 -7.81	55.30 4.32 -14.64	61.57 4.69 -17.84	65.40 5.01 -19.00	70.42 5.61 -21.00	71.45 6.00 -19.67	74.43 6.91 -15.54	74.43 7.44 -12.28	77.45 7.48 -14.59	74.92 7.53 -12.79	73.54 6.75 -15.27	70.78 6.69 -14.86	64.28 6.42 -9.60	65.09 6.34 -10.38	65.01 5.99 -12.94	61.12 5.15 -15.44	47.80 4.66 0.00
HUDSON_AVE_10 24168	37.75 3.43 0.00	30.02 2.33 0.00	28.05 2.05 0.00	26.20 1.92 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.16 3.20 0.00	47.68 4.18 -7.81	55.38 4.40 -14.64	61.68 4.80 -17.84	65.52 5.13 -19.00	70.46 5.65 -21.00	71.36 5.91 -19.67	74.38 6.86 -15.54	74.38 7.39 -12.28	77.45 7.48 -14.59	74.87 7.48 -12.79	73.44 6.65 -15.27	70.74 6.65 -14.86	64.38 6.52 -9.60	65.23 6.48 -10.38	65.15 6.13 -12.94	61.20 5.23 -15.44	47.89 4.75 0.00
HUNTLEY___63 23557	31.40 -2.92 0.00	24.78 -2.91 0.00	23.24 -2.76 0.00	21.75 -2.53 0.00	21.90 -2.54 0.00	24.53 -2.66 0.00	29.56 -3.40 0.00	33.53 -3.50 -1.34	35.10 -3.09 -1.85	37.68 -3.12 -1.76	39.98 -3.27 -1.86	42.44 -2.98 -1.61	43.79 -3.43 -1.44	48.47 -4.11 -0.60	50.83 -4.10 -0.22	51.34 -4.04 0.00	50.34 -4.26 0.00	48.38 -3.14 0.00	45.54 -3.69 0.00	44.11 -4.15 0.00	44.79 -3.58 0.00	42.99 -3.09 0.00	36.40 -4.13 0.00	38.31 -4.83 0.00
HUNTLEY___64 23558	31.40 -2.92 0.00	24.78 -2.91 0.00	23.24 -2.76 0.00	21.75 -2.53 0.00	21.90 -2.54 0.00	24.53 -2.66 0.00	29.56 -3.40 0.00	33.53 -3.50 -1.34	35.10 -3.09 -1.85	37.68 -3.12 -1.76	39.98 -3.27 -1.86	42.44 -2.98 -1.61	43.79 -3.43 -1.44	48.47 -4.11 -0.60	50.83 -4.10 -0.22	51.34 -4.04 0.00	50.34 -4.26 0.00	48.38 -3.14 0.00	45.54 -3.69 0.00	44.11 -4.15 0.00	44.79 -3.58 0.00	42.99 -3.09 0.00	36.40 -4.13 0.00	38.31 -4.83 0.00
HUNTLEY___65 23559	31.40 -2.92 0.00	24.78 -2.91 0.00	23.24 -2.76 0.00	21.75 -2.53 0.00	21.90 -2.54 0.00	24.53 -2.66 0.00	29.56 -3.40 0.00	33.53 -3.50 -1.34	35.10 -3.09 -1.85	37.68 -3.12 -1.76	39.98 -3.27 -1.86	42.44 -2.98 -1.61	43.79 -3.43 -1.44	48.47 -4.11 -0.60	50.83 -4.10 -0.22	51.34 -4.04 0.00	50.34 -4.26 0.00	48.38 -3.14 0.00	45.54 -3.69 0.00	44.11 -4.15 0.00	44.79 -3.58 0.00	42.99 -3.09 0.00	36.40 -4.13 0.00	38.31 -4.83 0.00
HUNTLEY___66 23560	31.40 -2.92 0.00	24.78 -2.91 0.00	23.24 -2.76 0.00	21.75 -2.53 0.00	21.90 -2.54 0.00	24.53 -2.66 0.00	29.56 -3.40 0.00	33.53 -3.50 -1.34	35.10 -3.09 -1.85	37.68 -3.12 -1.76	39.98 -3.27 -1.86	42.44 -2.98 -1.61	43.79 -3.43 -1.44	48.47 -4.11 -0.60	50.83 -4.10 -0.22	51.34 -4.04 0.00	50.34 -4.26 0.00	48.38 -3.14 0.00	45.54 -3.69 0.00	44.11 -4.15 0.00	44.79 -3.58 0.00	42.99 -3.09 0.00	36.40 -4.13 0.00	38.31 -4.83 0.00
HUNTLEY___67 23561	31.03 -3.29 0.00	24.56 -3.13 0.00	23.04 -2.96 0.00	21.56 -2.72 0.00	21.73 -2.71 0.00	24.34 -2.85 0.00	29.30 -3.66 0.00	33.00 -4.03 -1.34	34.52 -3.67 -1.85	37.01 -3.79 -1.76	39.24 -4.01 -1.86	41.83 -3.59 -1.61	43.19 -4.03 -1.44	47.90 -4.68 -0.60	50.17 -4.76 -0.22	50.73 -4.65 0.00	49.74 -4.86 0.00	47.86 -3.66 0.00	44.95 -4.28 0.00	43.48 -4.78 0.00	44.21 -4.16 0.00	42.44 -3.64 0.00	35.75 -4.78 0.00	37.79 -5.35 0.00
HUNTLEY___68 23562	31.03 -3.29 0.00	24.56 -3.13 0.00	23.04 -2.96 0.00	21.56 -2.72 0.00	21.73 -2.71 0.00	24.34 -2.85 0.00	29.30 -3.66 0.00	33.00 -4.03 -1.34	34.52 -3.67 -1.85	37.01 -3.79 -1.76	39.24 -4.01 -1.86	41.83 -3.59 -1.61	43.19 -4.03 -1.44	47.90 -4.68 -0.60	50.17 -4.76 -0.22	50.73 -4.65 0.00	49.74 -4.86 0.00	47.86 -3.66 0.00	44.95 -4.28 0.00	43.48 -4.78 0.00	44.21 -4.16 0.00	42.44 -3.64 0.00	35.75 -4.78 0.00	37.79 -5.35 0.00
INDECK___CORINTH 23802	37.10 2.78 0.00	29.60 1.91 0.00	27.69 1.69 0.00	25.79 1.51 0.00	25.96 1.52 0.00	28.96 1.77 0.00	35.40 2.44 0.00	48.51 2.68 -10.14	52.87 2.58 -13.95	55.35 3.01 -13.30	58.44 2.98 -14.07	59.38 3.42 -12.15	60.21 3.53 -10.90	60.23 3.74 -4.51	60.42 4.05 -1.66	59.09 3.71 0.00	58.31 3.71 0.00	55.64 4.12 0.00	53.22 3.99 0.00	52.05 3.76 -0.03	52.82 4.45 0.00	50.27 4.19 0.00	44.09 3.53 -0.03	46.76 3.62 0.00



INDECK___ILION 23567	35.49 1.17 0.00	28.41 0.72 0.00	26.65 0.65 0.00	24.89 0.61 0.00	25.05 0.61 0.00	27.90 0.71 0.00	34.15 1.19 0.00	36.75 1.25 0.19	37.45 1.38 0.27	40.39 1.60 0.25	42.86 1.74 0.27	45.55 1.97 0.23	47.68 2.11 0.21	54.33 2.44 0.09	57.31 2.63 0.03	58.04 2.66 0.00	57.22 2.62 0.00	53.99 2.47 0.00	51.49 2.26 0.00	50.38 2.12 0.00	50.60 2.23 0.00	48.06 1.98 0.00	42.03 1.50 0.00	44.52 1.38 0.00
INDECK___OLEAN 23982	33.15 -1.17 0.00	25.97 -1.72 0.00	24.39 -1.61 0.00	22.77 -1.51 0.00	22.97 -1.47 0.00	25.86 -1.33 0.00	31.87 -1.09 0.00	36.81 -0.50 -1.62	39.04 0.47 -2.23	42.25 1.09 -2.12	44.88 1.24 -2.25	48.55 2.80 -1.94	50.77 3.25 -1.74	56.44 3.74 -0.72	59.62 4.65 -0.26	58.81 3.43 0.00	57.66 3.06 0.00	55.18 3.66 0.00	51.25 2.02 0.00	49.23 0.97 0.00	50.21 1.84 0.00	47.51 1.43 0.00	40.04 -0.49 0.00	40.47 -2.67 0.00
INDECK___OSWEGO 23783	33.57 -0.75 0.00	26.91 -0.78 0.00	25.27 -0.73 0.00	23.60 -0.68 0.00	23.76 -0.68 0.00	26.46 -0.73 0.00	32.20 -0.76 0.00	34.84 -1.14 -0.29	35.69 -1.05 -0.40	38.37 -1.05 -0.38	40.67 -1.12 -0.40	43.06 -1.10 -0.35	44.90 -1.19 -0.31	50.76 -1.35 -0.13	53.34 -1.42 -0.05	54.66 -0.72 0.00	53.78 -0.82 0.00	50.85 -0.67 0.00	48.39 -0.84 0.00	47.25 -1.01 0.00	47.50 -0.87 0.00	45.25 -0.83 0.00	39.44 -1.09 0.00	42.02 -1.12 0.00
INDECK___YERKES 23781	31.40 -2.92 0.00	24.78 -2.91 0.00	23.24 -2.76 0.00	21.75 -2.53 0.00	21.90 -2.54 0.00	24.53 -2.66 0.00	29.56 -3.40 0.00	33.53 -3.50 -1.34	35.10 -3.09 -1.85	37.68 -3.12 -1.76	39.98 -3.27 -1.86	42.44 -2.98 -1.61	43.79 -3.43 -1.44	48.47 -4.11 -0.60	50.83 -4.10 -0.22	51.34 -4.04 0.00	50.34 -4.26 0.00	48.38 -3.14 0.00	45.54 -3.69 0.00	44.11 -4.15 0.00	44.79 -3.58 0.00	42.99 -3.09 0.00	36.40 -4.13 0.00	38.31 -4.83 0.00
INDIAN POINT_GT_1 24139	36.96 2.64 0.00	29.43 1.74 0.00	27.53 1.53 0.00	25.71 1.43 0.00	25.86 1.42 0.00	28.74 1.55 0.00	35.47 2.51 0.00	46.76 3.32 -7.75	50.63 3.52 -10.77	53.26 3.83 -10.39	59.54 4.10 -14.05	61.65 4.64 -13.20	63.56 4.99 -12.79	65.59 5.77 -7.84	65.52 6.18 -4.63	66.75 6.37 -5.00	73.30 6.39 -12.31	65.54 5.56 -8.46	63.60 5.61 -8.76	61.48 5.36 -7.86	53.96 5.27 -0.32	51.45 4.98 -0.39	45.33 4.30 -0.50	46.94 3.80 0.00
INDIAN POINT_GT_2 23659	36.96 2.64 0.00	29.43 1.74 0.00	27.53 1.53 0.00	25.71 1.43 0.00	25.86 1.42 0.00	28.74 1.55 0.00	35.47 2.51 0.00	46.76 3.32 -7.75	50.63 3.52 -10.77	53.26 3.83 -10.39	59.54 4.10 -14.05	61.65 4.64 -13.20	63.56 4.99 -12.79	65.59 5.77 -7.84	65.52 6.18 -4.63	66.75 6.37 -5.00	73.30 6.39 -12.31	65.54 5.56 -8.46	63.60 5.61 -8.76	61.48 5.36 -7.86	53.96 5.27 -0.32	51.45 4.98 -0.39	45.33 4.30 -0.50	46.94 3.80 0.00
INDIAN POINT_GT_3 24019	36.96 2.64 0.00	29.43 1.74 0.00	27.53 1.53 0.00	25.71 1.43 0.00	25.86 1.42 0.00	28.74 1.55 0.00	35.47 2.51 0.00	46.76 3.32 -7.75	50.63 3.52 -10.77	53.26 3.83 -10.39	59.54 4.10 -14.05	61.65 4.64 -13.20	63.56 4.99 -12.79	65.59 5.77 -7.84	65.52 6.18 -4.63	66.75 6.37 -5.00	73.30 6.39 -12.31	65.54 5.56 -8.46	63.60 5.61 -8.76	61.48 5.36 -7.86	53.96 5.27 -0.32	51.45 4.98 -0.39	45.33 4.30 -0.50	46.94 3.80 0.00
INDIAN POINT___2 23530	36.72 2.40 0.00	29.24 1.55 0.00	27.35 1.35 0.00	25.54 1.26 0.00	25.69 1.25 0.00	28.55 1.36 0.00	35.20 2.24 0.00	46.40 3.03 -7.68	50.22 3.20 -10.68	52.81 3.47 -10.30	59.07 3.72 -13.96	61.17 4.25 -13.11	63.03 4.53 -12.72	65.04 5.25 -7.81	65.01 5.69 -4.61	66.20 5.82 -5.00	72.75 5.84 -12.31	65.08 5.10 -8.46	63.16 5.17 -8.76	61.04 4.92 -7.86	53.53 4.84 -0.32	51.03 4.56 -0.39	44.96 3.93 -0.50	46.63 3.49 0.00
INDIAN POINT___3 23531	36.69 2.37 0.00	29.21 1.52 0.00	27.33 1.33 0.00	25.52 1.24 0.00	25.66 1.22 0.00	28.52 1.33 0.00	35.14 2.18 0.00	46.41 2.96 -7.76	50.29 3.16 -10.79	52.89 3.44 -10.41	59.10 3.64 -14.07	61.18 4.16 -13.21	63.07 4.49 -12.80	64.98 5.15 -7.85	64.92 5.58 -4.63	66.08 5.70 -5.00	72.64 5.73 -12.31	64.98 5.00 -8.46	63.06 5.07 -8.76	60.99 4.87 -7.86	53.48 4.79 -0.32	50.99 4.52 -0.39	44.92 3.89 -0.50	46.59 3.45 0.00
INDIAN PT_GT_GRP 23687	36.96 2.64 0.00	29.43 1.74 0.00	27.53 1.53 0.00	25.71 1.43 0.00	25.86 1.42 0.00	28.74 1.55 0.00	35.47 2.51 0.00	46.76 3.32 -7.75	50.63 3.52 -10.77	53.26 3.83 -10.39	59.54 4.10 -14.05	61.65 4.64 -13.20	63.56 4.99 -12.79	65.59 5.77 -7.84	65.52 6.18 -4.63	66.75 6.37 -5.00	73.30 6.39 -12.31	65.54 5.56 -8.46	63.60 5.61 -8.76	61.48 5.36 -7.86	53.96 5.27 -0.32	51.45 4.98 -0.39	45.33 4.30 -0.50	46.94 3.80 0.00
IP CORINTH___1 23988	37.10 2.78 0.00	29.60 1.91 0.00	27.69 1.69 0.00	25.79 1.51 0.00	25.96 1.52 0.00	28.96 1.77 0.00	35.40 2.44 0.00	48.51 2.68 -10.14	52.87 2.58 -13.95	55.35 3.01 -13.30	58.44 2.98 -14.07	59.38 3.42 -12.15	60.21 3.53 -10.90	60.23 3.74 -4.51	60.42 4.05 -1.66	59.09 3.71 0.00	58.31 3.71 0.00	55.64 4.12 0.00	53.22 3.99 0.00	52.05 3.76 -0.03	52.82 4.45 0.00	50.27 4.19 0.00	44.09 3.53 -0.03	46.76 3.62 0.00
IP___TICONDEROGA 23804	37.96 3.64 0.00	30.15 2.46 0.00	28.24 2.24 0.00	26.32 2.04 0.00	26.49 2.05 0.00	29.58 2.39 0.00	36.29 3.33 0.00	49.36 3.82 -9.85	53.85 3.96 -13.55	56.49 4.53 -12.92	59.81 4.76 -13.66	60.91 5.30 -11.80	62.05 5.68 -10.59	62.70 6.34 -4.38	63.10 6.78 -1.61	61.80 6.42 0.00	60.99 6.39 0.00	57.65 6.13 0.00	55.09 5.86 0.00	53.89 5.60 -0.03	54.51 6.14 0.00	51.66 5.58 0.00	45.38 4.82 -0.03	47.71 4.57 0.00
JARVIS____ 23743	34.63 0.31 0.00	27.86 0.17 0.00	26.16 0.16 0.00	24.43 0.15 0.00	24.59 0.15 0.00	27.35 0.16 0.00	33.22 0.26 0.00	35.79 0.29 0.19	36.36 0.29 0.27	39.14 0.35 0.25	41.49 0.37 0.27	44.02 0.44 0.23	46.03 0.46 0.21	52.41 0.52 0.09	55.28 0.60 0.03	56.04 0.66 0.00	55.26 0.66 0.00	52.14 0.62 0.00	49.82 0.59 0.00	48.79 0.53 0.00	48.95 0.58 0.00	46.63 0.55 0.00	40.94 0.41 0.00	43.53 0.39 0.00
JENNISON___1 23625	34.94 0.62 0.00	27.72 0.03 0.00	26.05 0.05 0.00	24.35 0.07 0.00	24.56 0.12 0.00	27.33 0.14 0.00	33.69 0.73 0.00	39.87 0.75 -3.43	42.40 1.34 -4.72	45.30 1.76 -4.50	48.05 1.90 -4.76	50.68 2.76 -4.11	52.58 3.11 -3.69	57.15 3.64 -1.53	59.48 4.21 -0.56	58.09 2.71 0.00	57.11 2.51 0.00	53.99 2.47 0.00	51.15 1.92 0.00	49.77 1.50 -0.01	50.11 1.74 0.00	47.51 1.43 0.00	41.19 0.65 -0.01	43.49 0.35 0.00
JENNISON___2 23626	34.87 0.55 0.00	27.66 -0.03 0.00	26.03 0.03 0.00	24.30 0.02 0.00	24.51 0.07 0.00	27.27 0.08 0.00	33.62 0.66 0.00	39.83 0.71 -3.43	42.33 1.27 -4.72	45.26 1.72 -4.50	48.01 1.86 -4.76	50.59 2.67 -4.11	52.49 3.02 -3.69	57.04 3.53 -1.53	59.37 4.10 -0.56	57.98 2.60 0.00	57.00 2.40 0.00	53.89 2.37 0.00	51.05 1.82 0.00	49.67 1.40 -0.01	50.06 1.69 0.00	47.42 1.34 0.00	41.15 0.61 -0.01	43.40 0.26 0.00
KEDC PORT_JEFF_GT2 24210	54.30 3.77 -16.21	52.62 2.60 -22.33	51.47 2.37 -23.10	50.60 2.21 -24.11	50.61 2.20 -23.97	50.27 2.39 -20.69	51.10 3.43 -14.71	54.41 4.10 -14.62	55.02 4.18 -14.50	57.64 4.45 -14.15	62.66 4.80 -16.47	72.82 5.04 -23.97	76.87 5.68 -25.41	79.59 5.77 -21.84	80.64 6.29 -19.64	84.98 6.37 -23.23	85.39 6.33 -24.46	83.97 5.67 -26.78	79.49 5.61 -24.65	73.16 5.60 -19.30	73.20 5.90 -18.93	70.42 5.25 -19.09	64.25 4.99 -18.73	54.79 4.57 -7.08



KEDC PORT_JEFF_GT3 24211	54.30 3.77 -16.21	52.62 2.60 -22.33	51.47 2.37 -23.10	50.60 2.21 -24.11	50.61 2.20 -23.97	50.27 2.39 -20.69	51.10 3.43 -14.71	54.41 4.10 -14.62	55.02 4.18 -14.50	57.64 4.45 -14.15	62.66 4.80 -16.47	73.21 5.43 -23.97	76.87 5.68 -25.41	79.59 5.77 -21.84	80.64 6.29 -19.64	84.98 6.37 -23.23	85.39 6.33 -24.46	83.97 5.67 -26.78	79.54 5.66 -24.65	73.21 5.65 -19.30	73.20 5.90 -18.93	70.84 5.67 -19.09	64.25 4.99 -18.73	54.79 4.57 -7.08
KEDC_GLWD_GT4 24219	55.58 3.47 -17.79	53.86 2.38 -23.79	51.23 2.13 -23.10	50.38 1.99 -24.11	50.39 1.98 -23.97	50.03 2.15 -20.69	50.83 3.16 -14.71	56.30 4.14 -16.47	57.51 4.40 -16.77	60.80 4.88 -16.88	64.71 5.17 -18.15	69.86 5.70 -20.35	73.38 6.00 -21.60	73.44 6.45 -15.01	74.48 6.84 -12.93	79.09 6.76 -16.95	79.29 6.77 -17.92	77.93 6.03 -20.38	73.23 6.20 -17.80	70.51 5.98 -16.27	79.16 5.85 -24.94	73.37 5.62 -21.67	65.87 5.31 -20.03	56.82 4.87 -8.81
KEDC_GLWD_GT5 24220	55.58 3.47 -17.79	53.86 2.38 -23.79	51.23 2.13 -23.10	50.38 1.99 -24.11	50.39 1.98 -23.97	50.03 2.15 -20.69	50.83 3.16 -14.71	56.30 4.14 -16.47	57.51 4.40 -16.77	60.80 4.88 -16.88	64.71 5.17 -18.15	69.86 5.70 -20.35	72.97 5.59 -21.60	73.44 6.45 -15.01	74.48 6.84 -12.93	79.09 6.76 -16.95	79.34 6.82 -17.92	77.98 6.08 -20.38	73.23 6.20 -17.80	70.51 5.98 -16.27	79.16 5.85 -24.94	73.37 5.62 -21.67	65.87 5.31 -20.03	56.82 4.87 -8.81
KENSICO____ 23655	37.24 2.92 0.00	29.63 1.94 0.00	27.72 1.72 0.00	25.88 1.60 0.00	26.03 1.59 0.00	28.93 1.74 0.00	35.66 2.70 0.00	47.09 3.60 -7.80	51.04 3.82 -10.88	53.75 4.18 -10.53	59.99 4.43 -14.17	62.13 4.99 -13.33	64.05 5.36 -12.91	66.10 6.19 -7.93	66.03 6.62 -4.70	67.16 6.70 -5.08	73.64 6.72 -12.32	66.02 5.98 -8.52	64.06 6.01 -8.82	61.87 5.74 -7.87	54.43 5.66 -0.40	51.93 5.35 -0.50	45.77 4.62 -0.62	47.24 4.10 0.00
KIAC_JFK_AIRPORT 23541	37.99 3.67 0.00	30.24 2.55 0.00	28.26 2.26 0.00	26.39 2.11 0.00	26.57 2.13 0.00	29.50 2.31 0.00	36.39 3.43 0.00	60.02 4.28 -20.05	65.55 4.51 -24.70	68.42 4.92 -24.46	65.65 5.26 -19.00	70.42 5.61 -21.00	71.08 5.63 -19.67	74.12 6.60 -15.54	74.05 7.06 -12.28	77.28 7.31 -14.59	74.60 7.21 -12.79	73.18 6.39 -15.27	70.54 6.45 -14.86	64.52 6.66 -9.60	65.33 6.58 -10.38	65.24 6.22 -12.94	61.28 5.31 -15.44	60.02 4.96 -11.92
KIAC_JFK_GT1 23816	37.99 3.67 0.00	30.24 2.55 0.00	28.26 2.26 0.00	26.39 2.11 0.00	26.57 2.13 0.00	29.50 2.31 0.00	36.39 3.43 0.00	60.02 4.28 -20.05	65.55 4.51 -24.70	68.42 4.92 -24.46	65.65 5.26 -19.00	70.42 5.61 -21.00	71.08 5.63 -19.67	74.12 6.60 -15.54	74.05 7.06 -12.28	77.28 7.31 -14.59	74.60 7.21 -12.79	73.18 6.39 -15.27	70.54 6.45 -14.86	64.52 6.66 -9.60	65.33 6.58 -10.38	65.24 6.22 -12.94	61.28 5.31 -15.44	60.02 4.96 -11.92
KIAC_JFK_GT2 23817	37.99 3.67 0.00	30.24 2.55 0.00	28.26 2.26 0.00	26.39 2.11 0.00	26.57 2.13 0.00	29.50 2.31 0.00	36.39 3.43 0.00	60.02 4.28 -20.05	65.55 4.51 -24.70	68.42 4.92 -24.46	65.65 5.26 -19.00	70.42 5.61 -21.00	71.08 5.63 -19.67	74.12 6.60 -15.54	74.05 7.06 -12.28	77.28 7.31 -14.59	74.60 7.21 -12.79	73.18 6.39 -15.27	70.54 6.45 -14.86	64.52 6.66 -9.60	65.33 6.58 -10.38	65.24 6.22 -12.94	61.28 5.31 -15.44	60.02 4.96 -11.92
KINTIGH____ 23543	31.09 -3.23 0.00	24.70 -2.99 0.00	23.17 -2.83 0.00	21.75 -2.53 0.00	21.90 -2.54 0.00	24.42 -2.77 0.00	29.40 -3.56 0.00	32.70 -4.00 -1.01	33.91 -3.82 -1.39	36.30 -4.06 -1.32	38.49 -4.30 -1.40	40.86 -4.16 -1.21	42.20 -4.67 -1.09	47.02 -5.41 -0.45	49.24 -5.64 -0.17	50.17 -5.21 0.00	49.25 -5.35 0.00	47.19 -4.33 0.00	44.50 -4.73 0.00	43.24 -5.02 0.00	43.77 -4.60 0.00	42.12 -3.96 0.00	35.75 -4.78 0.00	38.05 -5.09 0.00
LEDERLE____ 23769	37.10 2.78 0.00	29.52 1.83 0.00	27.59 1.59 0.00	25.76 1.48 0.00	25.91 1.47 0.00	28.79 1.60 0.00	35.56 2.60 0.00	46.59 3.35 -7.55	50.25 3.52 -10.39	52.82 3.87 -9.91	56.01 4.14 -10.48	57.55 4.69 -9.05	58.98 5.08 -8.12	61.21 5.87 -3.36	62.29 6.35 -1.23	61.97 6.59 0.00	61.26 6.66 0.00	57.24 5.72 0.00	55.09 5.86 0.00	53.84 5.55 -0.03	53.79 5.42 0.00	51.06 4.98 0.00	44.94 4.38 -0.03	47.11 3.97 0.00
LINDEN COGEN____ 23786	37.41 3.09 0.00	29.71 2.02 0.00	27.77 1.77 0.00	25.93 1.65 0.00	26.08 1.64 0.00	28.98 1.79 0.00	35.76 2.80 0.00	47.28 3.78 -7.81	54.98 4.00 -14.64	61.21 4.33 -17.84	65.03 4.64 -19.00	70.02 5.21 -21.00	71.04 5.59 -19.67	73.97 6.45 -15.54	73.94 6.95 -12.28	76.84 6.87 -14.59	74.38 6.99 -12.79	73.08 6.29 -15.27	70.34 6.25 -14.86	63.84 5.98 -9.60	64.65 5.90 -10.38	64.64 5.62 -12.94	60.79 4.82 -15.44	47.45 4.31 0.00
LIPA_MISC_IPP 23656	54.19 3.67 -16.20	52.56 2.55 -22.32	51.41 2.31 -23.10	50.55 2.16 -24.11	50.56 2.15 -23.97	50.22 2.34 -20.69	51.03 3.36 -14.71	54.39 4.10 -14.60	54.95 4.14 -14.47	57.62 4.45 -14.13	62.65 4.80 -16.46	56.21 5.56 -6.84	56.81 6.41 -4.62	51.63 6.50 6.85	53.72 7.11 8.10	61.26 7.14 1.26	61.04 7.04 0.60	59.32 6.39 -1.41	51.38 6.35 4.20	54.64 6.37 -0.01	58.25 6.68 -3.20	70.98 5.90 -19.00	64.40 5.15 -18.72	54.90 4.70 -7.06
LITTLE FALLS__HYD 24013	36.41 2.09 0.00	29.02 1.33 0.00	27.22 1.22 0.00	25.40 1.12 0.00	25.56 1.12 0.00	28.55 1.36 0.00	35.10 2.14 0.00	37.89 2.39 0.19	38.76 2.69 0.27	41.84 3.05 0.25	44.47 3.35 0.27	47.35 3.77 0.23	49.60 4.03 0.21	56.52 4.63 0.09	59.66 4.98 0.03	60.36 4.98 0.00	59.51 4.91 0.00	56.16 4.64 0.00	53.46 4.23 0.00	52.27 4.01 0.00	52.53 4.16 0.00	49.81 3.73 0.00	43.41 2.88 0.00	45.73 2.59 0.00
LONG_LAKE_PHOENIX 24014	33.63 -0.69 0.00	26.94 -0.75 0.00	25.30 -0.70 0.00	23.62 -0.66 0.00	23.78 -0.66 0.00	26.48 -0.71 0.00	32.27 -0.69 0.00	34.92 -1.07 -0.30	35.82 -0.94 -0.42	38.58 -0.86 -0.40	40.86 -0.95 -0.42	43.29 -0.88 -0.36	45.15 -0.96 -0.33	51.03 -1.09 -0.14	53.61 -1.15 -0.05	54.94 -0.44 0.00	54.05 -0.55 0.00	51.06 -0.46 0.00	48.54 -0.69 0.00	47.39 -0.87 0.00	47.64 -0.73 0.00	45.43 -0.65 0.00	39.52 -1.01 0.00	42.06 -1.08 0.00
LOVETT____3 23632	36.69 2.37 0.00	29.21 1.52 0.00	27.33 1.33 0.00	25.52 1.24 0.00	25.66 1.22 0.00	28.52 1.33 0.00	35.20 2.24 0.00	46.17 2.89 -7.59	49.81 3.02 -10.45	52.32 3.32 -9.96	55.45 3.52 -10.54	56.94 4.03 -9.10	58.30 4.35 -8.17	60.40 5.04 -3.38	61.42 5.47 -1.24	61.03 5.65 0.00	60.28 5.68 0.00	56.41 4.89 0.00	54.25 5.02 0.00	53.07 4.78 -0.03	53.01 4.64 0.00	50.41 4.33 0.00	44.45 3.89 -0.03	46.63 3.49 0.00
LOVETT____4 23642	36.76 2.44 0.00	29.27 1.58 0.00	27.38 1.38 0.00	25.57 1.29 0.00	25.71 1.27 0.00	28.55 1.36 0.00	35.23 2.27 0.00	46.24 2.96 -7.59	49.88 3.09 -10.45	52.36 3.36 -9.96	55.53 3.60 -10.54	56.98 4.07 -9.10	58.39 4.44 -8.17	60.51 5.15 -3.38	61.48 5.53 -1.24	61.08 5.70 0.00	60.33 5.73 0.00	56.47 4.95 0.00	54.30 5.07 0.00	53.12 4.83 -0.03	53.11 4.74 0.00	50.50 4.42 0.00	44.49 3.93 -0.03	46.72 3.58 0.00
LOVETT____5 23593	36.76 2.44 0.00	29.27 1.58 0.00	27.38 1.38 0.00	25.57 1.29 0.00	25.71 1.27 0.00	28.55 1.36 0.00	35.23 2.27 0.00	46.24 2.96 -7.59	49.88 3.09 -10.45	52.36 3.36 -9.96	55.53 3.60 -10.54	56.98 4.07 -9.10	58.39 4.44 -8.17	60.51 5.15 -3.38	61.48 5.53 -1.24	61.08 5.70 0.00	60.33 5.73 0.00	56.47 4.95 0.00	54.30 5.07 0.00	53.12 4.83 -0.03	53.11 4.74 0.00	50.50 4.42 0.00	44.49 3.93 -0.03	46.72 3.58 0.00



LOWER RAQUET___HYD 24057	33.29 -1.03 0.00	27.19 -0.50 0.00	25.51 -0.49 0.00	23.79 -0.49 0.00	23.95 -0.49 0.00	26.70 -0.49 0.00	32.20 -0.76 0.00	34.08 -1.61 0.00	34.63 -1.71 0.00	37.13 -1.91 0.00	39.40 -1.99 0.00	41.62 -2.19 0.00	44.27 -1.51 0.00	50.32 -1.66 0.00	51.70 -3.01 0.00	51.78 -3.60 0.00	51.05 -3.55 0.00	48.17 -3.35 0.00	46.08 -3.15 0.00	45.51 -2.75 0.00	46.19 -2.18 0.00	43.82 -2.26 0.00	39.23 -1.30 0.00	41.80 -1.34 0.00
LOWER___HUDSON 24059	36.76 2.44 0.00	29.35 1.66 0.00	27.51 1.51 0.00	25.66 1.38 0.00	25.83 1.39 0.00	28.77 1.58 0.00	35.14 2.18 0.00	48.09 2.57 -9.83	52.63 2.76 -13.53	55.02 3.08 -12.90	58.30 3.27 -13.64	59.23 3.64 -11.78	60.29 3.94 -10.57	60.73 4.37 -4.38	61.03 4.71 -1.61	59.87 4.49 0.00	59.08 4.48 0.00	55.69 4.17 0.00	53.36 4.13 0.00	52.30 4.01 -0.03	52.58 4.21 0.00	50.00 3.92 0.00	43.88 3.32 -0.03	46.29 3.15 0.00
MG INDUSTRY___DRP 24185	36.14 1.82 0.00	28.88 1.19 0.00	27.09 1.09 0.00	25.30 1.02 0.00	25.44 1.00 0.00	28.28 1.09 0.00	34.25 1.29 0.00	47.04 1.68 -9.67	51.49 1.85 -13.30	53.75 2.03 -12.68	56.95 2.15 -13.41	57.81 2.41 -11.59	58.79 2.61 -10.40	59.19 2.91 -4.30	59.46 3.17 -1.58	58.48 3.10 0.00	57.71 3.11 0.00	54.35 2.83 0.00	52.09 2.86 0.00	51.04 2.75 -0.03	51.18 2.81 0.00	48.71 2.63 0.00	42.79 2.23 -0.03	45.12 1.98 0.00
MILLIKEN___1 23584	30.89 -3.43 0.00	25.06 -2.63 0.00	23.87 -2.13 0.00	22.56 -1.72 0.00	22.83 -1.61 0.00	24.82 -2.37 0.00	29.73 -3.23 0.00	33.28 -3.89 -1.48	34.82 -3.56 -2.04	37.47 -3.51 -1.94	39.72 -3.72 -2.05	42.03 -3.55 -1.77	43.66 -3.71 -1.59	48.43 -4.21 -0.66	50.63 -4.32 -0.24	51.06 -4.32 0.00	50.12 -4.48 0.00	47.45 -4.07 0.00	44.80 -4.43 0.00	43.58 -4.68 0.00	43.92 -4.45 0.00	41.79 -4.29 0.00	36.07 -4.46 0.00	38.61 -4.53 0.00
MILLIKEN___2 23585	30.89 -3.43 0.00	25.09 -2.60 0.00	23.89 -2.11 0.00	22.56 -1.72 0.00	22.80 -1.64 0.00	24.88 -2.31 0.00	29.70 -3.26 0.00	33.28 -3.89 -1.48	34.82 -3.56 -2.04	37.47 -3.51 -1.94	39.67 -3.77 -2.05	41.99 -3.59 -1.77	43.66 -3.71 -1.59	48.43 -4.21 -0.66	50.63 -4.32 -0.24	51.06 -4.32 0.00	50.07 -4.53 0.00	47.40 -4.12 0.00	44.80 -4.43 0.00	43.58 -4.68 0.00	43.92 -4.45 0.00	41.79 -4.29 0.00	36.03 -4.50 0.00	38.61 -4.53 0.00
MILLIKEN___DIESEL 23629	31.09 -3.23 0.00	25.20 -2.49 0.00	24.00 -2.00 0.00	22.65 -1.63 0.00	22.90 -1.54 0.00	24.96 -2.23 0.00	29.89 -3.07 0.00	33.49 -3.68 -1.48	35.04 -3.34 -2.04	37.70 -3.28 -1.94	39.96 -3.48 -2.05	42.29 -3.29 -1.77	43.94 -3.43 -1.59	48.79 -3.85 -0.66	51.01 -3.94 -0.24	51.39 -3.99 0.00	50.45 -4.15 0.00	47.76 -3.76 0.00	45.10 -4.13 0.00	43.87 -4.39 0.00	44.21 -4.16 0.00	42.07 -4.01 0.00	36.27 -4.26 0.00	38.83 -4.31 0.00
MODEL_CITY_ENERGY 24167	31.13 -3.19 0.00	24.62 -3.07 0.00	23.09 -2.91 0.00	21.63 -2.65 0.00	21.78 -2.66 0.00	24.36 -2.83 0.00	29.30 -3.66 0.00	33.00 -3.96 -1.27	34.42 -3.67 -1.75	36.84 -3.87 -1.67	39.06 -4.10 -1.77	41.56 -3.77 -1.52	42.94 -4.21 -1.37	47.61 -4.94 -0.57	49.83 -5.09 -0.21	50.56 -4.82 0.00	49.63 -4.97 0.00	47.76 -3.76 0.00	44.90 -4.33 0.00	43.48 -4.39 0.00	44.16 -4.21 0.00	42.49 -3.59 0.00	35.75 -4.78 0.00	37.92 -5.22 0.00
MOHAWK_PAPER___DRP 24187	36.86 2.54 0.00	29.43 1.74 0.00	27.59 1.59 0.00	25.74 1.46 0.00	25.91 1.47 0.00	28.85 1.66 0.00	35.27 2.31 0.00	48.23 2.64 -9.90	52.87 2.91 -13.62	55.27 3.24 -12.99	58.57 3.44 -13.74	59.54 3.86 -11.87	60.60 4.17 -10.65	61.02 4.63 -4.41	61.31 4.98 -1.62	60.20 4.82 0.00	59.35 4.75 0.00	55.95 4.43 0.00	53.56 4.33 0.00	52.44 4.15 -0.03	52.63 4.26 0.00	50.09 4.01 0.00	43.96 3.40 -0.03	46.38 3.24 0.00
MONGAUP___HYD 23641	35.66 1.34 0.00	28.55 0.86 0.00	26.68 0.68 0.00	24.91 0.63 0.00	25.05 0.61 0.00	27.82 0.63 0.00	34.25 1.29 0.00	44.42 1.57 -7.16	47.69 1.49 -9.86	50.20 1.76 -9.40	53.19 1.86 -9.94	54.77 2.37 -8.59	56.18 2.70 -7.70	58.50 3.33 -3.19	59.49 3.61 -1.17	59.81 4.43 0.00	59.30 4.70 0.00	54.82 3.30 0.00	53.22 3.99 0.00	51.95 3.67 -0.02	51.56 3.19 0.00	48.61 2.53 0.00	42.90 2.35 -0.02	45.77 2.63 0.00
MONTAUK___DIESEL 23721	56.05 5.53 -16.20	53.86 3.85 -22.32	52.64 3.54 -23.10	51.67 3.28 -24.11	51.68 3.27 -23.97	51.52 3.64 -20.69	52.78 5.11 -14.71	56.89 6.60 -14.60	57.82 7.01 -14.47	61.02 7.85 -14.13	66.54 8.69 -16.46	105.32 10.03 -51.48	115.82 11.26 -58.78	129.07 9.15 -67.94	128.93 10.01 -64.21	128.16 10.19 -62.59	129.34 9.99 -64.75	128.34 9.27 -67.55	128.94 8.71 -71.00	109.62 11.10 -50.26	103.92 11.56 -43.99	75.60 10.37 -19.15	67.84 8.59 -18.72	57.66 7.46 -7.06
N SALMON___HYD 24042	32.91 -1.41 0.00	27.05 -0.64 0.00	25.38 -0.62 0.00	23.70 -0.58 0.00	23.85 -0.59 0.00	26.54 -0.65 0.00	31.81 -1.15 0.00	34.48 -1.21 0.00	34.92 -1.42 0.00	37.32 -1.72 0.00	39.61 -1.78 0.00	41.66 -2.15 0.00	43.72 -2.06 0.00	49.69 -2.29 0.00	51.92 -2.79 0.00	51.95 -3.43 0.00	51.27 -3.33 0.00	48.33 -3.19 0.00	46.33 -2.90 0.00	45.70 -2.56 0.00	45.81 -2.56 0.00	43.50 -2.58 0.00	38.99 -1.54 0.00	41.46 -1.68 0.00
N.E_GEN_SANDY PD 24062	36.45 2.13 0.00	29.13 1.44 0.00	27.27 1.27 0.00	25.47 1.19 0.00	25.64 1.20 0.00	28.50 1.31 0.00	34.90 1.94 0.00	47.33 2.46 -9.18	51.55 2.58 -12.63	53.94 2.85 -12.05	57.19 3.06 -12.74	58.24 3.42 -11.01	59.32 3.66 -9.88	60.23 4.16 -4.09	60.70 4.49 -1.50	59.81 4.43 0.00	59.08 4.48 0.00	55.54 4.02 0.00	53.27 4.04 0.00	52.15 3.86 -0.03	52.34 3.97 0.00	49.77 3.69 0.00	43.72 3.16 -0.03	46.03 2.89 0.00
NARROWS_GT1_1 24228	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
NARROWS_GT1_2 24229	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
NARROWS_GT1_3 24230	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
NARROWS_GT1_4 24231	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20



NARROWS_GT1_5 24232	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
NARROWS_GT1_6 24233	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
NARROWS_GT1_7 24234	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
NARROWS_GT1_8 24235	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
NARROWS_GT1_GRP 23726	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
NARROWS_GT2_1 24236	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20
NARROWS_GT2_2 24237	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20



NEG CENTRAL___DRP 24199	33.08 -1.24 0.00	26.50 -1.19 0.00	24.91 -1.09 0.00	23.28 -1.00 0.00	23.46 -0.98 0.00	26.16 -1.03 0.00	31.81 -1.15 0.00	35.02 -1.57 -0.90	36.31 -1.27 -1.24	39.05 -1.17 -1.18	41.40 -1.24 -1.25	44.01 -0.88 -1.08	45.88 -0.87 -0.97	51.34 -1.04 -0.40	53.93 -0.93 -0.15	54.55 -0.83 0.00	53.62 -0.98 0.00	50.90 -0.62 0.00	48.10 -1.13 0.00	46.76 -1.50 0.00	47.16 -1.21 0.00	44.93 -1.15 0.00	38.83 -1.70 0.00	41.16 -1.98 0.00
NEG CENTRAL___INDECK 23768	33.74 -0.58 0.00	26.50 -1.19 0.00	24.86 -1.14 0.00	23.26 -1.02 0.00	23.44 -1.00 0.00	26.24 -0.95 0.00	32.23 -0.73 0.00	36.46 -0.82 -1.59	38.09 -0.44 -2.19	40.93 -0.20 -2.09	43.48 -0.12 -2.21	46.33 0.61 -1.91	48.13 0.64 -1.71	53.21 0.52 -0.71	55.30 0.33 -0.26	55.32 -0.06 0.00	54.27 -0.33 0.00	52.19 0.67 0.00	48.98 -0.25 0.00	47.44 -0.82 0.00	48.03 -0.34 0.00	45.99 -0.09 0.00	39.31 -1.22 0.00	41.03 -2.11 0.00
NEG CENTRAL___SENECA 23627	32.95 -1.37 0.00	26.36 -1.33 0.00	24.78 -1.22 0.00	23.16 -1.12 0.00	23.34 -1.10 0.00	26.05 -1.14 0.00	31.67 -1.29 0.00	35.14 -1.68 -1.13	36.63 -1.27 -1.56	39.44 -1.09 -1.49	41.80 -1.16 -1.57	44.56 -0.61 -1.36	46.40 -0.60 -1.22	51.75 -0.73 -0.50	54.41 -0.49 -0.19	54.55 -0.83 0.00	53.56 -1.04 0.00	50.95 -0.57 0.00	48.00 -1.23 0.00	46.62 -1.64 0.00	47.06 -1.31 0.00	44.84 -1.24 0.00	38.58 -1.95 0.00	40.81 -2.33 0.00
NEG CENTRAL___STATE_STREET 24147	32.78 -1.54 0.00	26.33 -1.36 0.00	24.86 -1.14 0.00	23.31 -0.97 0.00	23.51 -0.93 0.00	25.99 -1.20 0.00	31.48 -1.48 0.00	34.58 -1.93 -0.82	35.79 -1.67 -1.12	38.59 -1.52 -1.07	40.86 -1.66 -1.13	43.39 -1.40 -0.98	45.15 -1.51 -0.88	50.62 -1.72 -0.36	53.09 -1.75 -0.13	54.00 -1.38 0.00	53.02 -1.58 0.00	50.23 -1.29 0.00	47.51 -1.72 0.00	46.23 -2.03 0.00	46.58 -1.79 0.00	44.42 -1.66 0.00	38.38 -2.15 0.00	40.81 -2.33 0.00
NEG MILLWOOD___DRP 24198	36.86 2.54 0.00	29.35 1.66 0.00	27.48 1.48 0.00	25.62 1.34 0.00	25.76 1.32 0.00	28.63 1.44 0.00	35.50 2.54 0.00	46.98 3.32 -7.97	50.79 3.49 -10.96	53.32 3.83 -10.45	59.90 4.30 -14.21	61.89 4.86 -13.22	63.67 5.08 -12.81	65.66 5.98 -7.70	65.59 6.46 -4.42	67.27 7.20 -4.69	74.16 7.26 -12.30	65.59 5.82 -8.25	63.71 5.91 -8.57	61.66 5.60 -7.80	53.84 5.47 0.00	51.20 5.12 0.00	44.94 4.38 -0.03	46.85 3.71 0.00
NEG NORTH_FLCN_SEA 23793	32.36 -1.96 0.00	26.64 -1.05 0.00	24.99 -1.01 0.00	23.31 -0.97 0.00	23.46 -0.98 0.00	26.10 -1.09 0.00	31.31 -1.65 0.00	34.16 -1.53 0.00	34.63 -1.71 0.00	37.01 -2.03 0.00	39.24 -2.15 0.00	41.27 -2.54 0.00	43.12 -2.66 0.00	48.97 -3.01 0.00	51.32 -3.39 0.00	51.50 -3.88 0.00	50.83 -3.77 0.00	47.91 -3.61 0.00	45.93 -3.30 0.00	45.32 -2.94 0.00	45.32 -3.05 0.00	42.99 -3.09 0.00	38.42 -2.11 0.00	40.77 -2.37 0.00
NEG NORTH_KES_CHATEGAY 23792	32.78 -1.54 0.00	26.97 -0.72 0.00	25.30 -0.70 0.00	23.62 -0.66 0.00	23.78 -0.66 0.00	26.46 -0.73 0.00	31.67 -1.29 0.00	34.55 -1.14 0.00	34.96 -1.38 0.00	37.36 -1.68 0.00	39.61 -1.78 0.00	41.62 -2.19 0.00	43.54 -2.24 0.00	49.43 -2.55 0.00	51.86 -2.85 0.00	51.95 -3.43 0.00	51.27 -3.33 0.00	48.33 -3.19 0.00	46.33 -2.90 0.00	45.70 -2.56 0.00	45.66 -2.71 0.00	43.32 -2.76 0.00	38.87 -1.66 0.00	41.28 -1.86 0.00
NEG NORTH___ALICE_FALLS 23915	32.54 -1.78 0.00	26.78 -0.91 0.00	25.12 -0.88 0.00	23.43 -0.85 0.00	23.58 -0.86 0.00	26.24 -0.95 0.00	31.48 -1.48 0.00	34.37 -1.32 0.00	34.89 -1.45 0.00	37.24 -1.80 0.00	39.49 -1.90 0.00	41.53 -2.28 0.00	43.45 -2.33 0.00	49.28 -2.70 0.00	51.65 -3.06 0.00	51.84 -3.54 0.00	51.16 -3.44 0.00	48.22 -3.30 0.00	46.23 -3.00 0.00	45.61 -2.65 0.00	45.56 -2.81 0.00	43.27 -2.81 0.00	38.67 -1.86 0.00	40.98 -2.16 0.00
NEG NORTH___LWR_SARANAC 23913	32.54 -1.78 0.00	26.80 -0.89 0.00	25.12 -0.88 0.00	23.43 -0.85 0.00	23.58 -0.86 0.00	26.24 -0.95 0.00	31.48 -1.48 0.00	34.37 -1.32 0.00	34.89 -1.45 0.00	37.24 -1.80 0.00	39.49 -1.90 0.00	41.53 -2.28 0.00	43.45 -2.33 0.00	49.28 -2.70 0.00	51.65 -3.06 0.00	51.84 -3.54 0.00	51.16 -3.44 0.00	48.22 -3.30 0.00	46.23 -3.00 0.00	45.61 -2.65 0.00	45.56 -2.81 0.00	43.27 -2.81 0.00	38.67 -1.86 0.00	40.98 -2.16 0.00
NEG NORTH___PLATTSBURG 23628	32.54 -1.78 0.00	26.78 -0.91 0.00	25.12 -0.88 0.00	23.43 -0.85 0.00	23.58 -0.86 0.00	26.24 -0.95 0.00	31.48 -1.48 0.00	34.37 -1.32 0.00	34.89 -1.45 0.00	37.24 -1.80 0.00	39.49 -1.90 0.00	41.53 -2.28 0.00	43.45 -2.33 0.00	49.28 -2.70 0.00	51.65 -3.06 0.00	51.84 -3.54 0.00	51.16 -3.44 0.00	48.22 -3.30 0.00	46.23 -3.00 0.00	45.61 -2.65 0.00	45.56 -2.81 0.00	43.27 -2.81 0.00	38.67 -1.86 0.00	40.98 -2.16 0.00
NEG WEST_LEA_LOCKPORT 23791	31.09 -3.23 0.00	24.62 -3.07 0.00	23.09 -2.91 0.00	21.61 -2.67 0.00	21.75 -2.69 0.00	24.36 -2.83 0.00	29.33 -3.63 0.00	33.02 -3.93 -1.26	34.47 -3.60 -1.73	36.94 -3.75 -1.65	39.17 -3.97 -1.75	41.68 -3.64 -1.51	43.01 -4.12 -1.35	47.76 -4.78 -0.56	50.00 -4.92 -0.21	50.67 -4.71 0.00	49.74 -4.86 0.00	47.86 -3.66 0.00	44.95 -4.28 0.00	43.53 -4.73 0.00	44.21 -4.16 0.00	42.53 -3.55 0.00	35.79 -4.74 0.00	37.92 -5.22 0.00
NEG WEST___LANCASTR 23811	31.47 -2.85 0.00	24.78 -2.91 0.00	23.30 -2.70 0.00	21.73 -2.55 0.00	21.97 -2.47 0.00	24.69 -2.50 0.00	30.29 -2.67 0.00	35.00 -2.50 -1.81	37.19 -1.64 -2.49	40.48 -0.94 -2.38	42.99 -0.91 -2.51	46.59 0.61 -2.17	48.37 0.64 -1.95	53.57 0.78 -0.81	56.65 1.64 -0.30	55.44 0.06 0.00	54.27 -0.33 0.00	51.98 0.46 0.00	48.29 -0.94 0.00	46.43 -1.83 0.00	47.35 -1.02 0.00	44.70 -1.38 0.00	37.94 -2.59 0.00	38.78 -4.36 0.00
NEG_PENN_ALLEGHNY 23528	33.77 -0.55 0.00	26.97 -0.72 0.00	25.32 -0.68 0.00	23.65 -0.63 0.00	23.83 -0.61 0.00	26.59 -0.60 0.00	32.56 -0.40 0.00	39.53 0.11 -3.73	42.21 0.73 -5.14	45.07 1.13 -4.90	47.77 1.20 -5.18	50.48 2.19 -4.48	52.41 2.61 -4.02	56.71 3.07 -1.66	59.10 3.78 -0.61	56.76 1.38 0.00	55.86 1.26 0.00	52.96 1.44 0.00	50.07 0.84 0.00	48.66 0.39 -0.01	49.10 0.73 0.00	46.49 0.41 0.00	40.38 -0.16 0.00	42.28 -0.86 0.00
NEG___GEN_MONROE 24207	34.53 0.21 0.00	27.16 -0.53 0.00	25.51 -0.49 0.00	23.87 -0.41 0.00	24.05 -0.39 0.00	26.86 -0.33 0.00	32.89 -0.07 0.00	36.39 -0.25 -0.95	37.58 0.04 -1.31	40.33 0.12 -1.25	42.83 0.57 -1.32	45.52 0.41 -1.14	47.22 0.41 -1.03	52.61 0.21 -0.42	55.14 0.27 -0.16	55.99 0.61 0.00	54.93 0.33 0.00	52.40 0.88 0.00	49.33 0.10 0.00	47.87 -0.39 0.00	48.47 0.10 0.00	46.59 0.51 0.00	39.88 -0.65 0.00	41.93 -1.21 0.00
NEPA___ENERGY 23901	31.40 -2.92 0.00	24.78 -2.91 0.00	23.30 -2.70 0.00	21.73 -2.55 0.00	22.00 -2.44 0.00	24.72 -2.47 0.00	30.45 -2.51 0.00	35.15 -2.57 -2.03	37.58 -1.56 -2.80	40.58 -1.13 -2.67	43.09 -1.12 -2.82	46.73 0.48 -2.44	49.02 1.05 -2.19	54.23 1.35 -0.90	57.34 2.30 -0.33	55.82 0.44 0.00	54.76 0.16 0.00	52.40 0.88 0.00	48.59 -0.64 0.00	46.63 -1.64 -0.01	47.55 -0.82 0.00	44.70 -1.38 0.00	38.11 -2.43 -0.01	38.78 -4.36 0.00
NEVERSINK___HYD 23608	35.52 1.20 0.00	28.58 0.89 0.00	26.73 0.73 0.00	24.98 0.70 0.00	25.12 0.68 0.00	27.90 0.71 0.00	34.15 1.19 0.00	43.99 1.50 -6.80	47.19 1.49 -9.36	49.73 1.76 -8.93	52.69 1.86 -9.44	54.24 2.28 -8.15	55.66 2.56 -7.32	58.13 3.12 -3.03	59.16 3.34 -1.11	59.09 3.71 0.00	58.48 3.88 0.00	54.46 2.94 0.00	52.58 3.35 0.00	51.37 3.09 -0.02	51.18 2.81 0.00	48.43 2.35 0.00	42.62 2.07 -0.02	45.47 2.33 0.00



NIAGARA____ 23760	30.89 -3.43 0.00	24.45 -3.24 0.00	22.93 -3.07 0.00	21.49 -2.79 0.00	21.63 -2.81 0.00	24.20 -2.99 0.00	29.04 -3.92 0.00	32.57 -4.35 -1.23	33.92 -4.11 -1.69	36.32 -4.33 -1.61	38.51 -4.59 -1.71	40.95 -4.34 -1.48	42.16 -4.94 -1.32	46.76 -5.77 -0.55	49.00 -5.91 -0.20	49.79 -5.59 0.00	48.87 -5.73 0.00	47.04 -4.48 0.00	44.26 -4.97 0.00	42.90 -5.36 0.00	43.58 -4.79 0.00	41.98 -4.10 0.00	35.30 -5.23 0.00	37.62 -5.52 0.00
NINE_MILE_1 23575	33.29 -1.03 0.00	26.75 -0.94 0.00	25.12 -0.88 0.00	23.48 -0.80 0.00	23.63 -0.81 0.00	26.29 -0.90 0.00	31.94 -1.02 0.00	34.65 -1.28 -0.24	35.42 -1.24 -0.32	38.06 -1.29 -0.31	40.35 -1.37 -0.33	42.73 -1.36 -0.28	44.57 -1.46 -0.25	50.36 -1.72 -0.10	52.94 -1.81 -0.04	54.05 -1.33 0.00	53.24 -1.36 0.00	50.34 -1.18 0.00	47.95 -1.28 0.00	46.91 -1.35 0.00	47.11 -1.26 0.00	44.88 -1.20 0.00	39.23 -1.30 0.00	41.72 -1.42 0.00
NINE_MILE_2 23744	33.26 -1.06 0.00	26.69 -1.00 0.00	25.06 -0.94 0.00	23.43 -0.85 0.00	23.58 -0.86 0.00	26.24 -0.95 0.00	31.87 -1.09 0.00	34.57 -1.36 -0.24	35.35 -1.31 -0.32	37.98 -1.37 -0.31	40.27 -1.45 -0.33	42.64 -1.45 -0.28	44.43 -1.60 -0.25	50.26 -1.82 -0.10	52.84 -1.91 -0.04	53.94 -1.44 0.00	53.13 -1.47 0.00	50.23 -1.29 0.00	47.85 -1.38 0.00	46.81 -1.45 0.00	47.02 -1.35 0.00	44.79 -1.29 0.00	39.15 -1.38 0.00	41.63 -1.51 0.00
NM_CAPITAL____DRP 24208	36.58 2.26 0.00	29.24 1.55 0.00	27.40 1.40 0.00	25.59 1.31 0.00	25.74 1.30 0.00	28.66 1.47 0.00	35.00 2.04 0.00	47.95 2.43 -9.83	52.52 2.65 -13.53	54.83 2.89 -12.90	58.13 3.10 -13.64	59.05 3.46 -11.78	60.06 3.71 -10.57	60.52 4.16 -4.38	60.81 4.49 -1.61	59.70 4.32 0.00	58.91 4.31 0.00	55.49 3.97 0.00	53.22 3.99 0.00	52.10 3.81 -0.03	52.29 3.92 0.00	49.77 3.69 0.00	43.68 3.12 -0.03	46.07 2.93 0.00
NM_CENTRAL____DRP 24181	33.91 -0.41 0.00	27.19 -0.50 0.00	25.51 -0.49 0.00	23.82 -0.46 0.00	24.00 -0.44 0.00	26.73 -0.46 0.00	32.56 -0.40 0.00	35.23 -0.79 -0.33	36.22 -0.58 -0.46	39.01 -0.47 -0.44	41.35 -0.50 -0.46	43.86 -0.35 -0.40	45.73 -0.41 -0.36	51.66 -0.47 -0.15	54.27 -0.49 -0.05	55.55 0.17 0.00	54.60 0.00 0.00	51.62 0.10 0.00	49.03 -0.20 0.00	47.83 -0.43 0.00	48.08 -0.29 0.00	45.85 -0.23 0.00	39.80 -0.73 0.00	42.41 -0.73 0.00
NM_FRONTIER____DRP 24179	31.03 -3.29 0.00	24.56 -3.13 0.00	23.06 -2.94 0.00	21.58 -2.70 0.00	21.73 -2.71 0.00	24.34 -2.85 0.00	29.17 -3.79 0.00	32.88 -4.07 -1.26	34.25 -3.82 -1.73	36.71 -3.98 -1.65	38.92 -4.22 -1.75	41.38 -3.94 -1.51	42.60 -4.53 -1.35	47.29 -5.25 -0.56	49.50 -5.42 -0.21	50.34 -5.04 0.00	49.36 -5.24 0.00	47.50 -4.02 0.00	44.70 -4.53 0.00	43.29 -4.97 0.00	43.97 -4.40 0.00	42.39 -3.69 0.00	35.59 -4.94 0.00	37.79 -5.35 0.00
NM_ST_REGIS____HYD 24053	33.19 -1.13 0.00	27.19 -0.50 0.00	25.51 -0.49 0.00	23.79 -0.49 0.00	23.95 -0.49 0.00	26.67 -0.52 0.00	32.10 -0.86 0.00	34.19 -1.50 0.00	34.67 -1.67 0.00	37.13 -1.91 0.00	39.40 -1.99 0.00	41.58 -2.23 0.00	44.09 -1.69 0.00	50.11 -1.87 0.00	51.70 -3.01 0.00	51.78 -3.60 0.00	51.05 -3.55 0.00	48.17 -3.35 0.00	46.13 -3.10 0.00	45.51 -2.75 0.00	46.10 -2.27 0.00	43.73 -2.35 0.00	39.15 -1.38 0.00	41.72 -1.42 0.00
NORTHPORT____1 23551	53.51 3.05 -16.14	52.15 2.19 -22.27	51.13 2.03 -23.10	50.31 1.92 -24.11	50.34 1.93 -23.97	50.00 2.12 -20.69	50.76 3.10 -14.70	53.86 3.64 -14.53	54.44 3.71 -14.39	56.97 3.90 -14.03	58.19 4.18 -12.62	58.23 4.73 -9.69	58.47 5.13 -7.56	59.14 5.82 -1.34	59.15 6.29 1.85	61.15 6.31 0.54	59.01 6.33 1.92	59.91 5.62 -2.77	58.33 5.71 -3.39	58.31 5.55 -4.50	58.44 5.47 -4.60	58.34 5.12 -7.14	58.31 4.34 -13.44	54.20 4.06 -7.00
NORTHPORT____2 23552	53.51 3.05 -16.14	52.12 2.16 -22.27	51.10 2.00 -23.10	50.31 1.92 -24.11	50.32 1.91 -23.97	50.00 2.12 -20.69	50.73 3.07 -14.70	53.82 3.60 -14.53	54.40 3.67 -14.39	56.94 3.87 -14.03	58.19 4.18 -12.62	58.23 4.73 -9.69	58.47 5.13 -7.56	59.09 5.77 -1.34	59.15 6.29 1.85	61.15 6.31 0.54	58.96 6.28 1.92	59.85 5.56 -2.77	58.28 5.66 -3.39	58.26 5.50 -4.50	58.44 5.47 -4.60	58.29 5.07 -7.14	58.31 4.34 -13.44	54.15 4.01 -7.00
NORTHPORT____3 23553	53.74 3.33 -16.09	52.29 2.38 -22.22	51.28 2.18 -23.10	50.45 2.06 -24.11	50.46 2.05 -23.97	50.16 2.28 -20.69	50.99 3.33 -14.70	54.17 4.00 -14.48	54.69 4.03 -14.32	57.30 4.29 -13.97	58.10 4.14 -12.57	58.09 4.69 -9.59	58.33 5.13 -7.42	59.01 5.82 -1.21	58.96 6.24 1.99	60.91 6.20 0.67	58.81 6.28 2.07	59.66 5.51 -2.63	58.09 5.61 -3.25	58.08 5.45 -4.37	58.09 5.42 -4.30	58.09 4.98 -7.03	58.09 4.17 -13.39	54.49 4.40 -6.95
NORTHPORT____4 23650	53.77 3.36 -16.09	52.32 2.41 -22.22	51.28 2.18 -23.10	50.45 2.06 -24.11	50.49 2.08 -23.97	50.16 2.28 -20.69	50.99 3.33 -14.70	54.24 4.07 -14.48	54.73 4.07 -14.32	57.34 4.33 -13.97	58.10 4.14 -12.57	58.09 4.69 -9.59	58.33 5.13 -7.42	58.96 5.77 -1.21	58.96 6.24 1.99	60.91 6.20 0.67	58.81 6.28 2.07	59.66 5.51 -2.63	58.09 5.61 -3.25	58.08 5.45 -4.37	58.09 5.42 -4.30	58.09 4.98 -7.03	58.09 4.17 -13.39	54.58 4.49 -6.95
NORTHPORT____IC 23718	53.62 3.16 -16.14	52.20 2.24 -22.27	51.15 2.05 -23.10	50.33 1.94 -24.11	50.36 1.95 -23.97	50.03 2.15 -20.69	50.79 3.13 -14.70	53.97 3.75 -14.53	54.55 3.82 -14.39	57.13 4.06 -14.03	58.40 4.39 -12.62	58.45 4.95 -9.69	58.70 5.36 -7.56	59.40 6.08 -1.34	59.43 6.57 1.85	61.43 6.59 0.54	59.29 6.61 1.92	60.11 5.82 -2.77	58.53 5.91 -3.39	58.50 5.74 -4.50	58.68 5.71 -4.60	58.52 5.30 -7.14	58.51 4.54 -13.44	54.32 4.18 -7.00
NSINS_S_GLNS_FALLS 23858	37.41 3.09 0.00	29.79 2.10 0.00	27.90 1.90 0.00	25.98 1.70 0.00	26.15 1.71 0.00	29.17 1.98 0.00	35.73 2.77 0.00	48.79 3.03 -10.07	53.21 3.02 -13.85	55.72 3.47 -13.21	58.88 3.52 -13.97	59.87 3.99 -12.07	60.78 4.17 -10.83	60.98 4.52 -4.48	61.23 4.87 -1.65	59.92 4.54 0.00	59.13 4.53 0.00	56.26 4.74 0.00	53.81 4.58 0.00	52.63 4.34 -0.03	53.30 4.93 0.00	50.73 4.65 0.00	44.49 3.93 -0.03	47.07 3.93 0.00
NUCOR_STEEL____DRP 24197	32.78 -1.54 0.00	26.33 -1.36 0.00	24.86 -1.14 0.00	23.31 -0.97 0.00	23.51 -0.93 0.00	25.99 -1.20 0.00	31.48 -1.48 0.00	34.58 -1.93 -0.82	35.79 -1.67 -1.12	38.59 -1.52 -1.07	40.86 -1.66 -1.13	43.39 -1.40 -0.98	45.15 -1.51 -0.88	50.62 -1.72 -0.36	53.09 -1.75 -0.13	54.00 -1.38 0.00	53.02 -1.58 0.00	50.23 -1.29 0.00	47.51 -1.72 0.00	46.23 -2.03 0.00	46.58 -1.79 0.00	44.42 -1.66 0.00	38.38 -2.15 0.00	40.81 -2.33 0.00
NYISO_LBMP_REFERENCE 24008	34.32 0.00 0.00	27.69 0.00 0.00	26.00 0.00 0.00	24.28 0.00 0.00	24.44 0.00 0.00	27.19 0.00 0.00	32.96 0.00 0.00	35.69 0.00 0.00	36.34 0.00 0.00	39.04 0.00 0.00	41.39 0.00 0.00	43.81 0.00 0.00	45.78 0.00 0.00	51.98 0.00 0.00	54.71 0.00 0.00	55.38 0.00 0.00	54.60 0.00 0.00	51.52 0.00 0.00	49.23 0.00 0.00	48.26 0.00 0.00	48.37 0.00 0.00	46.08 0.00 0.00	40.53 0.00 0.00	43.14 0.00 0.00
NYPA_BRENTWD____GT 24164	54.35 3.77 -16.26	52.73 2.66 -22.38	51.49 2.39 -23.10	50.65 2.26 -24.11	50.66 2.25 -23.97	50.35 2.47 -20.69	51.26 3.59 -14.71	54.78 4.42 -14.67	55.48 4.58 -14.56	58.26 5.00 -14.22	63.00 5.09 -16.52	67.27 5.83 -17.63	70.01 6.50 -17.73	70.05 6.86 -11.21	71.50 7.44 -9.35	77.00 7.48 -14.14	77.23 7.48 -15.15	75.58 6.70 -17.36	70.03 6.84 -13.96	67.30 6.85 -12.19	68.66 6.92 -13.37	71.52 6.31 -19.13	64.77 5.47 -18.77	55.19 4.92 -7.13



NYPA_GOWANUS____GT5 24156	37.76 3.43 -0.01	30.10 2.41 0.00	28.16 2.16 0.00	26.30 2.02 0.00	26.44 2.00 0.00	29.39 2.20 0.00	36.22 3.26 0.00	59.89 4.14 -20.06	62.72 4.47 -21.91	63.45 4.84 -19.57	66.73 5.21 -20.13	72.49 5.87 -22.81	73.41 6.36 -21.27	76.55 7.23 -17.34	76.48 7.71 -14.06	80.02 7.81 -16.83	75.25 7.75 -12.90	75.44 7.06 -16.86	72.51 6.99 -16.29	64.88 6.61 -10.01	67.64 6.53 -12.74	68.14 6.18 -15.88	64.75 5.27 -18.95	61.04 4.70 -13.20
NYPA_GOWANUS____GT6 24157	37.76 3.43 -0.01	30.10 2.41 0.00	28.16 2.16 0.00	26.30 2.02 0.00	26.44 2.00 0.00	29.39 2.20 0.00	36.22 3.26 0.00	59.89 4.14 -20.06	62.72 4.47 -21.91	63.45 4.84 -19.57	66.73 5.21 -20.13	72.49 5.87 -22.81	73.41 6.36 -21.27	76.55 7.23 -17.34	76.48 7.71 -14.06	80.02 7.81 -16.83	75.25 7.75 -12.90	75.44 7.06 -16.86	72.51 6.99 -16.29	64.88 6.61 -10.01	67.64 6.53 -12.74	68.14 6.18 -15.88	64.75 5.27 -18.95	61.04 4.70 -13.20
NYPA_HARLEM__RVR__GT1 24160	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.16 3.20 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.31 7.33 -12.27	77.27 7.31 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
NYPA_HARLEM__RVR__GT2 24161	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.16 3.20 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.31 7.33 -12.27	77.27 7.31 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
NYPA_KENT____GT 24152	37.80 3.47 -0.01	30.10 2.41 0.00	28.13 2.13 0.00	26.27 1.99 0.00	26.44 2.00 0.00	29.37 2.18 0.00	36.22 3.26 0.00	59.93 4.18 -20.06	62.68 4.43 -21.91	63.41 4.80 -19.57	66.65 5.13 -20.13	72.40 5.78 -22.81	73.32 6.27 -21.27	76.44 7.12 -17.34	76.37 7.60 -14.06	79.85 7.64 -16.83	75.14 7.64 -12.90	75.28 6.90 -16.86	72.41 6.89 -16.29	64.83 6.56 -10.01	67.59 6.48 -12.74	68.09 6.13 -15.88	64.75 5.27 -18.95	61.09 4.75 -13.20
NYPA_POUCH1____GT 24155	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.68 4.18 -19.81	62.57 4.47 -21.76	63.44 4.88 -19.52	66.70 5.21 -20.10	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.54 7.77 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.87 6.61 -10.00	67.63 6.58 -12.68	68.10 6.22 -15.80	64.69 5.31 -18.85	60.83 4.75 -12.94
NYPA_VERNON____GT2 24162	37.80 3.47 -0.01	30.07 2.38 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.39 1.95 0.00	29.31 2.12 0.00	36.19 3.23 0.00	59.93 4.18 -20.06	62.65 4.40 -21.91	63.37 4.76 -19.57	66.57 5.05 -20.13	72.27 5.65 -22.81	73.14 6.09 -21.27	76.29 6.97 -17.34	76.27 7.50 -14.06	79.69 7.48 -16.83	74.98 7.48 -12.90	75.13 6.75 -16.86	72.26 6.74 -16.29	64.74 6.47 -10.01	67.54 6.43 -12.74	68.00 6.04 -15.88	64.71 5.23 -18.95	61.13 4.79 -13.20
NYPA_VERNON____GT3 24163	37.80 3.47 -0.01	30.07 2.38 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.39 1.95 0.00	29.31 2.12 0.00	36.19 3.23 0.00	59.93 4.18 -20.06	62.65 4.40 -21.91	63.37 4.76 -19.57	66.57 5.05 -20.13	72.27 5.65 -22.81	73.14 6.09 -21.27	76.29 6.97 -17.34	76.27 7.50 -14.06	79.69 7.48 -16.83	74.98 7.48 -12.90	75.13 6.75 -16.86	72.26 6.74 -16.29	64.74 6.47 -10.01	67.54 6.43 -12.74	68.00 6.04 -15.88	64.71 5.23 -18.95	61.13 4.79 -13.20
NYPA__HOLTSVILL 23794	54.03 3.53 -16.18	52.46 2.46 -22.31	51.34 2.24 -23.10	50.48 2.09 -24.11	50.49 2.08 -23.97	50.16 2.28 -20.69	50.93 3.26 -14.71	54.28 4.00 -14.59	54.86 4.07 -14.45	57.52 4.37 -14.11	62.51 4.68 -16.44	65.52 5.39 -16.32	68.03 6.13 -16.12	67.42 6.39 -9.05	68.93 6.95 -7.27	74.68 6.98 -12.32	74.82 6.93 -13.29	73.22 6.23 -15.47	67.22 6.20 -11.79	65.12 6.18 -10.68	66.54 6.39 -11.78	70.80 5.71 -19.01	64.18 4.94 -18.71	54.72 4.53 -7.05
NYPA____HELLGATE_GT1 24158	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.16 3.20 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.31 7.33 -12.27	77.27 7.31 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
NYPA____HELLGATE_GT2 24159	37.79 3.47 0.00	30.04 2.35 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.16 3.20 0.00	59.96 4.21 -20.06	65.58 4.54 -24.70	68.35 4.84 -24.47	70.33 5.13 -23.81	70.42 5.61 -21.00	71.49 6.04 -19.67	74.33 6.81 -15.54	74.31 7.33 -12.27	77.27 7.31 -14.58	74.75 7.37 -12.78	73.44 6.65 -15.27	70.78 6.69 -14.86	69.56 6.56 -14.74	70.39 6.53 -15.49	70.42 6.08 -18.26	65.63 5.31 -19.79	61.17 4.83 -13.20
O.H._GEN_BRUCE 24063	28.91 -3.40 2.01	23.00 -3.21 1.48	20.95 -3.04 2.01	20.44 -2.77 1.07	20.58 -2.79 1.07	24.23 -2.96 0.00	29.10 -3.86 0.00	32.56 -4.32 -1.19	33.91 -4.07 -1.64	36.34 -4.26 -1.56	38.49 -4.55 -1.65	40.95 -4.29 -1.43	42.21 -4.85 -1.28	46.84 -5.67 -0.53	49.05 -5.85 -0.19	49.90 -5.48 0.00	48.98 -5.62 0.00	47.14 -4.38 0.00	44.36 -4.87 0.00	43.00 -5.26 0.00	43.63 -4.74 0.00	42.07 -4.01 0.00	35.34 -5.19 0.00	36.00 -5.48 1.66
OAK ORCHARD__HYD 24046	33.84 -0.48 0.00	26.78 -0.91 0.00	25.14 -0.86 0.00	23.55 -0.73 0.00	23.71 -0.73 0.00	26.46 -0.73 0.00	32.23 -0.73 0.00	35.59 -1.00 -0.90	36.71 -0.87 -1.24	39.36 -0.86 -1.18	41.73 -0.91 -1.25	44.28 -0.61 -1.08	45.93 -0.82 -0.97	51.24 -1.14 -0.40	53.66 -1.20 -0.15	54.60 -0.78 0.00	53.67 -0.93 0.00	51.11 -0.41 0.00	48.25 -0.98 0.00	46.91 -1.35 0.00	47.40 -0.97 0.00	45.53 -0.55 0.00	39.11 -1.42 0.00	41.28 -1.86 0.00
OCC_CHEM____DRP 24175	31.03 -3.29 0.00	24.59 -3.10 0.00	23.06 -2.94 0.00	21.58 -2.70 0.00	21.73 -2.71 0.00	24.34 -2.85 0.00	29.17 -3.79 0.00	32.88 -4.07 -1.26	34.29 -3.78 -1.73	36.75 -3.94 -1.65	38.92 -4.22 -1.75	41.42 -3.90 -1.51	42.64 -4.49 -1.35	47.34 -5.20 -0.56	49.56 -5.36 -0.21	50.34 -5.04 0.00	49.36 -5.24 0.00	47.55 -3.97 0.00	44.70 -4.53 0.00	43.34 -4.92 0.00	44.02 -4.35 0.00	42.39 -3.69 0.00	35.59 -4.94 0.00	37.83 -5.31 0.00
OLIN_CORP_DRP 24177	31.03 -3.29 0.00	24.53 -3.16 0.00	23.01 -2.99 0.00	21.56 -2.72 0.00	21.70 -2.74 0.00	24.31 -2.88 0.00	29.20 -3.76 0.00	32.93 -4.07 -1.31	34.37 -3.78 -1.81	36.74 -4.02 -1.72	38.95 -4.26 -1.82	41.44 -3.94 -1.57	42.80 -4.39 -1.41	47.41 -5.15 -0.58	49.67 -5.25 -0.21	50.40 -4.98 0.00	49.52 -5.08 0.00	47.66 -3.86 0.00	44.80 -4.43 0.00	43.39 -4.87 0.00	44.06 -4.31 0.00	42.39 -3.69 0.00	35.63 -4.90 0.00	37.79 -5.35 0.00
ONONDAGA_REF_OCCRA 23987	33.84 -0.48 0.00	27.14 -0.55 0.00	25.48 -0.52 0.00	23.79 -0.49 0.00	23.98 -0.46 0.00	26.67 -0.52 0.00	32.53 -0.43 0.00	35.31 -0.82 -0.44	36.33 -0.62 -0.61	39.15 -0.47 -0.58	41.46 -0.54 -0.61	43.95 -0.39 -0.53	45.85 -0.41 -0.48	51.71 -0.47 -0.20	54.29 -0.49 -0.07	55.49 0.11 0.00	54.55 -0.05 0.00	51.57 0.05 0.00	48.98 -0.25 0.00	47.78 -0.48 0.00	48.03 -0.34 0.00	45.76 -0.32 0.00	39.72 -0.81 0.00	42.32 -0.82 0.00



ONONDAGA___COGEN 23986	33.67 -0.65 0.00	27.00 -0.69 0.00	25.35 -0.65 0.00	23.67 -0.61 0.00	23.85 -0.59 0.00	26.54 -0.65 0.00	32.33 -0.63 0.00	35.12 -1.03 -0.46	36.10 -0.87 -0.63	38.86 -0.78 -0.60	41.15 -0.87 -0.63	43.57 -0.79 -0.55	45.40 -0.87 -0.49	51.19 -0.99 -0.20	53.69 -1.09 -0.07	55.10 -0.28 0.00	54.16 -0.44 0.00	51.26 -0.26 0.00	48.74 -0.49 0.00	47.54 -0.72 0.00	47.79 -0.58 0.00	45.53 -0.55 0.00	39.60 -0.93 0.00	42.10 -1.04 0.00
ONTARIO___LFGE 23819	32.95 -1.37 0.00	26.36 -1.33 0.00	24.78 -1.22 0.00	23.16 -1.12 0.00	23.34 -1.10 0.00	26.05 -1.14 0.00	31.67 -1.29 0.00	35.14 -1.68 -1.13	36.63 -1.27 -1.56	39.44 -1.09 -1.49	41.80 -1.16 -1.57	44.56 -0.61 -1.36	46.40 -0.60 -1.22	51.75 -0.73 -0.50	54.41 -0.49 -0.19	54.55 -0.83 0.00	53.56 -1.04 0.00	50.95 -0.57 0.00	48.00 -1.23 0.00	46.62 -1.64 0.00	47.06 -1.31 0.00	44.84 -1.24 0.00	38.58 -1.95 0.00	40.81 -2.33 0.00
OSWEGATCHIE___HYD 24044	34.08 -0.24 0.00	27.52 -0.17 0.00	25.82 -0.18 0.00	24.09 -0.19 0.00	24.24 -0.20 0.00	27.05 -0.14 0.00	32.93 -0.03 0.00	34.66 -1.03 0.00	35.32 -1.02 0.00	37.99 -1.05 0.00	40.31 -1.08 0.00	42.71 -1.10 0.00	45.14 -0.64 0.00	51.30 -0.68 0.00	53.23 -1.48 0.00	53.77 -1.61 0.00	52.96 -1.64 0.00	50.13 -1.39 0.00	47.80 -1.43 0.00	46.91 -1.35 0.00	47.50 -0.87 0.00	45.11 -0.97 0.00	39.80 -0.73 0.00	42.71 -0.43 0.00
OSWEGO___5 23606	33.50 -0.82 0.00	26.89 -0.80 0.00	25.25 -0.75 0.00	23.58 -0.70 0.00	23.76 -0.68 0.00	26.43 -0.76 0.00	32.10 -0.86 0.00	34.83 -1.11 -0.25	35.63 -1.05 -0.34	38.28 -1.09 -0.33	40.58 -1.16 -0.35	42.97 -1.14 -0.30	44.81 -1.24 -0.27	50.69 -1.40 -0.11	53.22 -1.53 -0.04	54.44 -0.94 0.00	53.62 -0.98 0.00	50.70 -0.82 0.00	48.25 -0.98 0.00	47.20 -1.06 0.00	47.40 -0.97 0.00	45.16 -0.92 0.00	39.44 -1.09 0.00	41.93 -1.21 0.00
OSWEGO___6 23613	33.50 -0.82 0.00	26.89 -0.80 0.00	25.25 -0.75 0.00	23.58 -0.70 0.00	23.76 -0.68 0.00	26.43 -0.76 0.00	32.10 -0.86 0.00	34.83 -1.11 -0.25	35.63 -1.05 -0.34	38.28 -1.09 -0.33	40.58 -1.16 -0.35	42.97 -1.14 -0.30	44.81 -1.24 -0.27	50.69 -1.40 -0.11	53.22 -1.53 -0.04	54.44 -0.94 0.00	53.62 -0.98 0.00	50.70 -0.82 0.00	48.25 -0.98 0.00	47.20 -1.06 0.00	47.40 -0.97 0.00	45.16 -0.92 0.00	39.44 -1.09 0.00	41.93 -1.21 0.00
OUTOKUMPU-AB___DRP 24206	31.40 -2.92 0.00	24.78 -2.91 0.00	23.24 -2.76 0.00	21.75 -2.53 0.00	21.90 -2.54 0.00	24.53 -2.66 0.00	29.56 -3.40 0.00	33.53 -3.50 -1.34	35.10 -3.09 -1.85	37.68 -3.12 -1.76	39.98 -3.27 -1.86	42.44 -2.98 -1.61	43.79 -3.43 -1.44	48.47 -4.11 -0.60	50.83 -4.10 -0.22	51.34 -4.04 0.00	50.34 -4.26 0.00	48.38 -3.14 0.00	45.54 -3.69 0.00	44.11 -4.15 0.00	44.79 -3.58 0.00	42.99 -3.09 0.00	36.40 -4.13 0.00	38.31 -4.83 0.00
OXBOW___ 24026	31.33 -2.99 0.00	24.75 -2.94 0.00	23.22 -2.78 0.00	21.73 -2.55 0.00	21.87 -2.57 0.00	24.50 -2.69 0.00	29.50 -3.46 0.00	33.39 -3.60 -1.30	34.90 -3.23 -1.79	37.43 -3.32 -1.71	39.67 -3.52 -1.80	42.17 -3.20 -1.56	43.52 -3.66 -1.40	48.19 -4.37 -0.58	50.49 -4.43 -0.21	51.17 -4.21 0.00	50.18 -4.42 0.00	48.27 -3.25 0.00	45.39 -3.84 0.00	43.96 -4.30 0.00	44.65 -3.72 0.00	42.95 -3.13 0.00	36.19 -4.34 0.00	38.22 -4.92 0.00
PEEKSKILL___ 23653	36.96 2.64 0.00	29.43 1.74 0.00	27.53 1.53 0.00	25.71 1.43 0.00	25.86 1.42 0.00	28.74 1.55 0.00	35.47 2.51 0.00	46.76 3.32 -7.75	50.63 3.52 -10.77	53.26 3.83 -10.39	59.54 4.10 -14.05	61.65 4.64 -13.20	63.56 4.99 -12.79	65.59 5.77 -7.84	65.52 6.18 -4.63	66.75 6.37 -5.00	73.30 6.39 -12.31	65.54 5.56 -8.46	63.60 5.61 -8.76	61.48 5.36 -7.86	53.96 5.27 -0.32	51.45 4.98 -0.39	45.33 4.30 -0.50	46.94 3.80 0.00
PGE MADISON___WINDPWR 24146	34.70 0.38 0.00	27.44 -0.25 0.00	25.87 -0.13 0.00	24.23 -0.05 0.00	24.44 0.00 0.00	27.11 -0.08 0.00	33.49 0.53 0.00	38.68 0.11 -2.88	41.03 0.73 -3.96	44.02 1.21 -3.77	46.70 1.32 -3.99	49.36 2.10 -3.45	51.30 2.43 -3.09	56.12 2.86 -1.28	58.46 3.28 -0.47	57.60 2.22 0.00	56.57 1.97 0.00	53.53 2.01 0.00	50.56 1.33 0.00	49.09 0.82 -0.01	49.53 1.16 0.00	46.91 0.83 0.00	40.46 -0.08 -0.01	42.92 -0.22 0.00
PJM_GEN_KEystone 24065	31.75 -2.57 0.00	25.09 -2.60 0.00	23.58 -2.42 0.00	22.00 -2.28 0.00	22.27 -2.17 0.00	24.99 -2.20 0.00	30.82 -2.14 0.00	36.12 -2.07 -2.50	38.69 -1.09 -3.44	41.73 -0.59 -3.28	44.32 -0.54 -3.47	47.86 1.05 -3.00	50.12 1.65 -2.69	55.12 2.03 -1.11	58.13 3.01 -0.41	56.27 0.89 0.00	55.26 0.66 0.00	52.76 1.24 0.00	49.03 -0.20 0.00	47.11 -1.16 -0.01	47.98 -0.39 0.00	45.07 -1.01 0.00	38.59 -1.95 -0.01	39.39 -3.75 0.00
PLEASANTVLY___LBMP 24000	36.86 2.54 0.00	29.38 1.69 0.00	27.48 1.48 0.00	25.66 1.38 0.00	25.83 1.39 0.00	28.69 1.50 0.00	35.30 2.34 0.00	46.82 3.07 -8.06	50.70 3.27 -11.09	53.13 3.51 -10.58	56.35 3.77 -11.19	57.68 4.21 -9.66	58.98 4.53 -8.67	60.82 5.25 -3.59	61.67 5.64 -1.32	61.08 5.70 0.00	60.39 5.79 0.00	56.57 5.05 0.00	54.35 5.12 0.00	53.21 4.92 -0.03	53.26 4.89 0.00	50.69 4.61 0.00	44.53 3.97 -0.03	46.72 3.58 0.00
POLETTI___ 23519	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.46 3.96 -7.81	55.09 4.11 -14.64	61.33 4.45 -17.84	65.15 4.76 -19.00	70.15 5.34 -21.00	71.17 5.72 -19.67	74.12 6.60 -15.54	74.10 7.11 -12.28	77.11 7.14 -14.59	74.54 7.15 -12.79	73.23 6.44 -15.27	70.49 6.40 -14.86	63.99 6.13 -9.60	64.80 6.05 -10.38	64.73 5.71 -12.94	60.91 4.94 -15.44	47.67 4.53 0.00
PORT_JEFF_3 23555	54.12 3.60 -16.20	52.50 2.49 -22.32	51.34 2.24 -23.10	50.48 2.09 -24.11	50.51 2.10 -23.97	50.14 2.26 -20.69	50.90 3.23 -14.71	54.00 3.71 -14.60	54.55 3.74 -14.47	57.11 3.94 -14.13	62.11 4.26 -16.46	66.26 4.91 -17.54	69.01 5.63 -17.60	68.73 5.67 -11.08	70.18 6.24 -9.23	75.73 6.31 -14.04	75.88 6.22 -15.06	74.34 5.56 -17.26	68.61 5.56 -13.82	65.91 5.60 -12.05	67.24 5.90 -12.97	70.28 5.16 -19.04	63.75 4.50 -18.72	54.34 4.14 -7.06
PORT_JEFF_4 23616	54.12 3.60 -16.20	52.50 2.49 -22.32	51.34 2.24 -23.10	50.48 2.09 -24.11	50.51 2.10 -23.97	50.11 2.23 -20.69	50.87 3.20 -14.71	54.00 3.71 -14.60	54.55 3.74 -14.47	57.15 3.98 -14.13	62.11 4.26 -16.46	66.26 4.91 -17.54	69.06 5.68 -17.60	68.78 5.72 -11.08	70.18 6.24 -9.23	75.73 6.31 -14.04	75.94 6.28 -15.06	74.40 5.62 -17.26	68.66 5.61 -13.82	65.91 5.60 -12.05	67.24 5.90 -12.97	70.33 5.21 -19.04	63.79 4.54 -18.72	54.30 4.10 -7.06
PORT_JEFF_IC 23713	54.30 3.77 -16.21	52.62 2.60 -22.33	51.47 2.37 -23.10	50.60 2.21 -24.11	50.61 2.20 -23.97	50.27 2.39 -20.69	51.10 3.43 -14.71	54.41 4.10 -14.62	55.02 4.18 -14.50	57.64 4.45 -14.15	62.66 4.80 -16.47	73.21 5.43 -23.97	77.28 6.09 -25.41	80.06 6.24 -21.84	81.13 6.78 -19.64	85.48 6.87 -23.23	85.88 6.82 -24.46	84.43 6.13 -26.78	79.93 6.05 -24.65	73.59 6.03 -19.30	73.64 6.34 -18.93	70.84 5.67 -19.09	64.25 4.99 -18.73	54.79 4.57 -7.08
PPL PILGRIM_ST_GT1 24216	54.35 3.77 -16.26	52.73 2.66 -22.38	51.49 2.39 -23.10	50.65 2.26 -24.11	50.66 2.25 -23.97	50.35 2.47 -20.69	51.26 3.59 -14.71	54.78 4.42 -14.67	55.48 4.58 -14.56	58.26 5.00 -14.22	62.67 4.76 -16.52	66.87 5.43 -17.63	69.60 6.09 -17.73	69.58 6.39 -11.21	71.01 6.95 -9.35	76.50 6.98 -14.14	76.74 6.99 -15.15	75.11 6.23 -17.36	69.59 6.40 -13.96	66.87 6.42 -12.19	68.27 6.53 -13.37	71.11 5.90 -19.13	64.77 5.47 -18.77	55.19 4.92 -7.13



PPL PILGRIM_ST_GT2 24217	54.35 3.77 -16.26	52.73 2.66 -22.38	51.49 2.39 -23.10	50.65 2.26 -24.11	50.66 2.25 -23.97	50.35 2.47 -20.69	51.26 3.59 -14.71	54.78 4.42 -14.67	55.48 4.58 -14.56	58.26 5.00 -14.22	62.67 4.76 -16.52	66.92 5.48 -17.63	69.60 6.09 -17.73	69.58 6.39 -11.21	71.01 6.95 -9.35	76.55 7.03 -14.14	76.74 6.99 -15.15	75.11 6.23 -17.36	69.59 6.40 -13.96	67.30 6.85 -12.19	68.66 6.92 -13.37	71.52 6.31 -19.13	64.77 5.47 -18.77	55.19 4.92 -7.13
PPL_SHRM_GT3 24213	54.29 3.77 -16.20	52.64 2.63 -22.32	51.75 2.65 -23.10	50.84 2.45 -24.11	50.88 2.47 -23.97	50.57 2.69 -20.69	51.46 3.79 -14.71	55.00 4.71 -14.60	55.64 4.83 -14.47	58.44 5.27 -14.13	63.60 5.75 -16.46	97.19 6.66 -46.72	106.39 7.60 -53.01	119.70 7.74 -59.98	119.70 8.48 -56.51	119.70 8.53 -55.79	119.71 7.32 -57.79	119.71 7.68 -60.51	119.70 7.48 -62.99	100.65 7.48 -44.91	95.85 7.84 -39.64	72.18 6.96 -19.14	65.21 5.96 -18.72	55.59 5.39 -7.06
PPL_SHRM_GT4 24214	54.29 3.77 -16.20	52.64 2.63 -22.32	51.75 2.65 -23.10	50.84 2.45 -24.11	50.88 2.47 -23.97	50.57 2.69 -20.69	51.46 3.79 -14.71	55.00 4.71 -14.60	55.64 4.83 -14.47	58.44 5.27 -14.13	63.60 5.75 -16.46	97.19 6.66 -46.72	106.39 7.60 -53.01	119.70 7.74 -59.98	119.70 8.48 -56.51	119.70 8.53 -55.79	119.71 7.32 -57.79	119.71 7.68 -60.51	119.70 7.48 -62.99	100.65 7.48 -44.91	95.85 7.84 -39.64	72.18 6.96 -19.14	65.21 5.96 -18.72	55.59 5.39 -7.06
PROJECT___ORANGE 23990	33.91 -0.41 0.00	27.19 -0.50 0.00	25.51 -0.49 0.00	23.82 -0.46 0.00	24.00 -0.44 0.00	26.73 -0.46 0.00	32.56 -0.40 0.00	35.23 -0.79 -0.33	36.22 -0.58 -0.44	39.05 -0.43 -0.44	41.35 -0.50 -0.46	43.86 -0.35 -0.40	45.73 -0.41 -0.36	51.66 -0.47 -0.15	54.32 -0.44 -0.05	55.55 0.17 0.00	54.60 0.00 0.00	51.62 0.10 0.00	49.03 -0.20 0.00	47.83 -0.43 0.00	48.13 -0.24 0.00	45.85 -0.23 0.00	39.80 -0.73 0.00	42.41 -0.73 0.00
PROJECT___ORANGE 1 24174	33.91 -0.41 0.00	27.19 -0.50 0.00	25.51 -0.49 0.00	23.82 -0.46 0.00	24.00 -0.44 0.00	26.73 -0.46 0.00	32.56 -0.40 0.00	35.23 -0.79 -0.33	36.22 -0.58 -0.44	39.05 -0.43 -0.44	41.35 -0.50 -0.46	43.86 -0.35 -0.40	45.73 -0.41 -0.36	51.66 -0.47 -0.15	54.32 -0.44 -0.05	55.55 0.17 0.00	54.60 0.00 0.00	51.62 0.10 0.00	49.03 -0.20 0.00	47.83 -0.43 0.00	48.13 -0.24 0.00	45.85 -0.23 0.00	39.80 -0.73 0.00	42.41 -0.73 0.00
PROJECT___ORANGE 2 24166	33.91 -0.41 0.00	27.19 -0.50 0.00	25.51 -0.49 0.00	23.82 -0.46 0.00	24.00 -0.44 0.00	26.73 -0.46 0.00	32.56 -0.40 0.00	35.23 -0.79 -0.33	36.22 -0.58 -0.44	39.05 -0.43 -0.44	41.35 -0.50 -0.46	43.86 -0.35 -0.40	45.73 -0.41 -0.36	51.66 -0.47 -0.15	54.32 -0.44 -0.05	55.55 0.17 0.00	54.60 0.00 0.00	51.62 0.10 0.00	49.03 -0.20 0.00	47.83 -0.43 0.00	48.13 -0.24 0.00	45.85 -0.23 0.00	39.80 -0.73 0.00	42.41 -0.73 0.00
PYRITES___HYD 24023	33.84 -0.48 0.00	27.47 -0.22 0.00	25.77 -0.23 0.00	24.04 -0.24 0.00	24.20 -0.24 0.00	26.97 -0.22 0.00	32.80 -0.16 0.00	34.66 -1.03 0.00	35.21 -1.13 0.00	37.75 -1.29 0.00	40.07 -1.32 0.00	42.36 -1.45 0.00	44.91 -0.87 0.00	51.04 -0.94 0.00	52.80 -1.91 0.00	52.78 -2.60 0.00	52.03 -2.57 0.00	49.10 -2.42 0.00	46.92 -2.31 0.00	46.28 -1.98 0.00	46.87 -1.50 0.00	44.37 -1.71 0.00	39.68 -0.85 0.00	42.28 -0.86 0.00
RANKINE____ 23646	31.40 -2.92 0.00	24.84 -2.85 0.00	23.30 -2.70 0.00	21.80 -2.48 0.00	21.95 -2.49 0.00	24.61 -2.58 0.00	29.76 -3.20 0.00	33.86 -3.32 -1.49	35.56 -2.83 -2.05	38.23 -2.77 -1.96	40.56 -2.90 -2.07	43.37 -2.23 -1.79	44.83 -2.56 -1.61	49.68 -2.96 -0.66	52.16 -2.79 -0.24	52.33 -3.05 0.00	51.27 -3.33 0.00	49.25 -2.27 0.00	46.18 -3.05 0.00	44.59 -3.67 0.00	45.37 -3.00 0.00	43.41 -2.67 0.00	36.56 -3.97 0.00	38.35 -4.79 0.00
RAVENS GT4-7____ 23728	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWD GT2____ 23730	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWD GT3____ 23733	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT2_1 24244	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT2_2 24245	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT2_3 24246	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT2_4 24247	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT3_1 24248	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00



RAVENSWOOD_GT3_2 24249	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT3_3 24250	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT3_4 24251	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT_1 23729	37.80 3.47 -0.01	30.07 2.38 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.39 1.95 0.00	29.31 2.12 0.00	36.19 3.23 0.00	59.93 4.18 -20.06	62.65 4.40 -21.91	63.37 4.76 -19.57	66.57 5.05 -20.13	72.27 5.65 -22.81	73.14 6.09 -21.27	76.29 6.97 -17.34	76.27 7.50 -14.06	79.69 7.48 -16.83	74.98 7.48 -12.90	75.13 6.75 -16.86	72.26 6.74 -16.29	64.74 6.47 -10.01	67.54 6.43 -12.74	68.00 6.04 -15.88	64.71 5.23 -18.95	61.13 4.79 -13.20
RAVENSWOOD_GT_10 24258	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT_11 24259	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT_4 24252	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT_5 24254	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT_6 24253	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT_7 24255	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD_GT_9 24257	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD___1 23533	37.76 3.43 -0.01	30.02 2.33 0.00	28.08 2.08 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.16 3.20 0.00	59.89 4.14 -20.06	62.50 4.25 -21.91	63.18 4.57 -19.57	66.36 4.84 -20.13	72.05 5.43 -22.81	72.91 5.86 -21.27	75.97 6.65 -17.34	75.99 7.22 -14.06	79.41 7.20 -16.83	74.71 7.21 -12.90	74.87 6.49 -16.86	72.02 6.50 -16.29	64.50 6.23 -10.01	67.30 6.19 -12.74	67.77 5.81 -15.88	64.63 5.15 -18.95	61.13 4.79 -13.20
RAVENSWOOD___2 23534	37.76 3.43 -0.01	30.02 2.33 0.00	28.05 2.05 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.28 2.09 0.00	36.16 3.20 0.00	59.85 4.10 -20.06	62.50 4.25 -21.91	63.18 4.57 -19.57	66.32 4.80 -20.13	72.01 5.39 -22.81	72.86 5.81 -21.27	75.92 6.60 -17.34	75.88 7.11 -14.06	79.35 7.14 -16.83	74.65 7.15 -12.90	74.82 6.44 -16.86	71.97 6.45 -16.29	64.50 6.23 -10.01	67.25 6.14 -12.74	67.72 5.76 -15.88	64.51 5.03 -18.95	61.00 4.66 -13.20
RAVENSWOOD___3 23535	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RAVENSWOOD___4 23820	37.80 3.47 -0.01	30.04 2.35 0.00	28.11 2.11 0.00	26.25 1.97 0.00	26.39 1.95 0.00	29.31 2.12 0.00	36.19 3.23 0.00	59.93 4.18 -20.06	62.65 4.40 -21.91	63.37 4.76 -19.57	66.57 5.05 -20.13	72.27 5.65 -22.81	73.14 6.09 -21.27	76.23 6.91 -17.34	76.27 7.50 -14.06	79.69 7.48 -16.83	74.98 7.48 -12.90	75.13 6.75 -16.86	72.26 6.74 -16.29	64.74 6.47 -10.01	67.50 6.39 -12.74	68.00 6.04 -15.88	64.71 5.23 -18.95	61.13 4.79 -13.20



RAVNSWD 8-11____ 23667	37.61 3.29 0.00	29.91 2.22 0.00	27.95 1.95 0.00	26.13 1.85 0.00	26.27 1.83 0.00	29.17 1.98 0.00	36.03 3.07 0.00	47.50 4.00 -7.81	56.09 4.22 -15.53	63.22 4.61 -19.57	66.44 4.92 -20.13	72.14 5.52 -22.81	72.96 5.91 -21.27	76.13 6.81 -17.34	76.05 7.28 -14.06	79.58 7.37 -16.83	74.87 7.37 -12.90	74.97 6.59 -16.86	72.07 6.55 -16.29	64.54 6.27 -10.01	67.35 6.24 -12.74	67.86 5.90 -15.88	64.55 5.07 -18.95	47.71 4.57 0.00
RCPL_TRUST____DRP 24196	37.65 3.33 0.00	29.93 2.24 0.00	27.98 1.98 0.00	26.13 1.85 0.00	26.30 1.86 0.00	29.20 2.01 0.00	36.06 3.10 0.00	47.53 4.03 -7.81	54.31 4.29 -13.68	59.66 4.65 -15.97	64.12 4.97 -17.76	68.40 5.56 -19.03	69.72 6.00 -17.94	72.48 6.91 -13.59	72.43 7.39 -10.33	75.01 7.48 -12.15	74.75 7.48 -12.67	71.76 6.70 -13.54	69.19 6.65 -13.31	63.79 6.37 -9.16	62.48 6.29 -7.82	61.77 5.94 -9.75	57.28 5.11 -11.64	47.76 4.62 0.00
RENSSELAER____COGEN 23796	36.52 2.20 0.00	29.19 1.50 0.00	27.35 1.35 0.00	25.54 1.26 0.00	25.69 1.25 0.00	28.58 1.39 0.00	34.94 1.98 0.00	47.79 2.36 -9.74	52.32 2.58 -13.40	54.58 2.77 -12.77	57.84 2.94 -13.51	58.77 3.29 -11.67	59.78 3.53 -10.47	60.31 4.00 -4.33	60.62 4.32 -1.59	59.53 4.15 0.00	58.75 4.15 0.00	55.33 3.81 0.00	53.12 3.89 0.00	52.01 3.72 -0.03	52.19 3.82 0.00	49.67 3.59 0.00	43.60 3.04 -0.03	45.99 2.85 0.00
REVERE_CPFR_DRP 24186	35.28 0.96 0.00	28.16 0.47 0.00	26.42 0.42 0.00	24.67 0.39 0.00	24.83 0.39 0.00	27.71 0.52 0.00	33.98 1.02 0.00	36.15 0.46 0.00	36.99 0.65 0.00	39.94 0.90 0.00	42.38 0.99 0.00	45.04 1.23 0.00	47.11 1.33 0.00	53.54 1.56 0.00	56.30 1.59 0.00	57.21 1.83 0.00	56.29 1.69 0.00	53.17 1.65 0.00	50.56 1.33 0.00	49.37 1.11 0.00	49.68 1.31 0.00	47.19 1.11 0.00	41.10 0.57 0.00	44.13 0.99 0.00
ROCHESTER_9_IC 23652	34.63 0.31 0.00	27.30 -0.39 0.00	25.66 -0.34 0.00	24.04 -0.24 0.00	24.20 -0.24 0.00	27.00 -0.19 0.00	32.99 0.03 0.00	36.40 -0.18 -0.89	37.52 -0.04 -1.22	40.20 0.00 -1.16	42.58 -0.04 -1.23	45.22 0.35 -1.06	46.91 0.18 -0.95	52.32 -0.05 -0.39	54.80 -0.05 -0.14	55.71 0.33 0.00	54.71 0.11 0.00	52.09 0.57 0.00	49.13 -0.10 0.00	47.73 -0.53 0.00	48.22 -0.15 0.00	46.36 0.28 0.00	39.92 -0.61 0.00	42.02 -1.12 0.00
ROSETON____1 23587	36.69 2.37 0.00	29.24 1.55 0.00	27.38 1.38 0.00	25.57 1.29 0.00	25.71 1.27 0.00	28.58 1.39 0.00	35.10 2.14 0.00	46.31 2.85 -7.77	50.05 3.02 -10.69	52.36 3.12 -10.20	55.40 3.23 -10.78	56.80 3.68 -9.31	58.08 3.94 -8.36	60.01 4.57 -3.46	60.90 4.92 -1.27	60.42 5.04 0.00	59.68 5.08 0.00	55.95 4.43 0.00	53.81 4.58 0.00	52.68 4.39 -0.03	52.68 4.31 0.00	50.37 4.29 0.00	44.29 3.73 -0.03	46.55 3.41 0.00
ROSETON____2 23588	36.69 2.37 0.00	29.27 1.58 0.00	27.38 1.38 0.00	25.57 1.29 0.00	25.74 1.30 0.00	28.58 1.39 0.00	35.10 2.14 0.00	46.31 2.85 -7.77	50.05 3.02 -10.69	52.40 3.16 -10.20	55.44 3.27 -10.78	56.80 3.68 -9.31	58.08 3.94 -8.36	60.01 4.57 -3.46	60.90 4.92 -1.27	60.42 5.04 0.00	59.68 5.08 0.00	55.95 4.43 0.00	53.81 4.58 0.00	52.68 4.39 -0.03	52.68 4.31 0.00	50.37 4.29 0.00	44.33 3.77 -0.03	46.55 3.41 0.00
RUSSELL____STATION 23914	34.63 0.31 0.00	27.39 -0.30 0.00	25.74 -0.26 0.00	24.11 -0.17 0.00	24.29 -0.15 0.00	27.05 -0.14 0.00	33.06 0.10 0.00	36.44 -0.14 -0.89	37.52 -0.04 -1.22	40.04 -0.16 -1.16	42.12 -0.50 -1.23	44.74 -0.13 -1.06	46.41 -0.32 -0.95	51.69 -0.68 -0.39	54.14 -0.71 -0.14	55.10 -0.28 0.00	54.11 -0.49 0.00	51.47 -0.05 0.00	48.54 -0.69 0.00	47.15 -1.11 0.00	47.69 -0.68 0.00	45.85 -0.23 0.00	39.76 -0.77 0.00	41.59 -1.55 0.00
S SALMON____HYD 24043	34.05 -0.27 0.00	27.25 -0.44 0.00	25.56 -0.44 0.00	23.87 -0.41 0.00	24.02 -0.42 0.00	26.81 -0.38 0.00	32.73 -0.23 0.00	35.09 -0.86 -0.26	35.97 -0.73 -0.36	38.76 -0.62 -0.34	41.09 -0.66 -0.36	43.55 -0.57 -0.31	45.51 -0.55 -0.28	51.58 -0.52 -0.12	54.09 -0.66 -0.04	55.32 -0.06 0.00	54.44 -0.16 0.00	51.31 -0.21 0.00	48.79 -0.44 0.00	47.68 -0.58 0.00	47.93 -0.44 0.00	45.62 -0.46 0.00	39.72 -0.81 0.00	42.58 -0.56 0.00
SELKIRK____II 23799	35.62 1.30 0.00	28.55 0.86 0.00	26.78 0.78 0.00	24.98 0.70 0.00	25.15 0.71 0.00	27.95 0.76 0.00	34.08 1.12 0.00	46.85 1.46 -9.70	51.28 1.60 -13.34	53.52 1.76 -12.72	56.70 1.86 -13.45	57.53 2.10 -11.62	58.45 2.24 -10.43	58.85 2.55 -4.32	59.03 2.74 -1.58	58.04 2.66 0.00	57.28 2.68 0.00	53.99 2.47 0.00	51.74 2.51 0.00	50.70 2.41 -0.03	50.84 2.47 0.00	48.43 2.35 0.00	42.51 1.95 -0.03	44.91 1.77 0.00
SELKIRK____I 23801	36.14 1.82 0.00	28.88 1.19 0.00	27.09 1.09 0.00	25.30 1.02 0.00	25.44 1.00 0.00	28.28 1.09 0.00	34.25 1.29 0.00	47.04 1.68 -9.67	51.49 1.85 -13.30	53.75 2.03 -12.68	56.95 2.15 -13.41	57.81 2.41 -11.59	58.79 2.61 -10.40	59.19 2.91 -4.30	59.46 3.17 -1.58	58.48 3.10 0.00	57.71 3.11 0.00	54.35 2.83 0.00	52.09 2.86 0.00	51.04 2.75 -0.03	51.18 2.81 0.00	48.71 2.63 0.00	42.79 2.23 -0.03	45.12 1.98 0.00
SENECA OSWGO____HYD 24041	33.60 -0.72 0.00	26.94 -0.75 0.00	25.27 -0.73 0.00	23.60 -0.68 0.00	23.76 -0.68 0.00	26.46 -0.73 0.00	32.23 -0.73 0.00	34.92 -1.07 -0.30	35.82 -0.94 -0.42	38.54 -0.90 -0.40	40.86 -0.95 -0.42	43.25 -0.92 -0.36	45.10 -1.01 -0.33	50.98 -1.14 -0.14	53.56 -1.20 -0.05	54.88 -0.50 0.00	54.00 -0.60 0.00	51.00 -0.52 0.00	48.54 -0.69 0.00	47.39 -0.87 0.00	47.60 -0.77 0.00	45.39 -0.69 0.00	39.48 -1.05 0.00	42.02 -1.12 0.00
SENECA____ENERGY 23797	33.08 -1.24 0.00	26.50 -1.19 0.00	24.88 -1.12 0.00	23.26 -1.02 0.00	23.44 -1.00 0.00	26.13 -1.06 0.00	31.77 -1.19 0.00	34.98 -1.61 -0.90	36.27 -1.31 -1.24	39.05 -1.17 -1.18	41.40 -1.24 -1.25	44.01 -0.88 -1.08	45.83 -0.92 -0.97	51.34 -1.04 -0.40	53.93 -0.93 -0.15	54.55 -0.83 0.00	53.62 -0.98 0.00	50.85 -0.67 0.00	48.05 -1.18 0.00	46.76 -1.50 0.00	47.16 -1.21 0.00	44.93 -1.15 0.00	38.79 -1.74 0.00	41.11 -2.03 0.00
SHOEMAKER____GT 23640	36.31 1.99 0.00	28.96 1.27 0.00	27.12 1.12 0.00	25.32 1.04 0.00	25.47 1.03 0.00	28.30 1.11 0.00	34.81 1.85 0.00	45.31 2.46 -7.16	48.78 2.58 -9.86	51.29 2.85 -9.40	54.35 3.02 -9.94	55.86 3.46 -8.59	57.19 3.71 -7.70	59.48 4.31 -3.19	60.59 4.71 -1.17	60.14 4.76 0.00	59.40 4.80 0.00	55.69 4.17 0.00	53.51 4.28 0.00	52.33 4.05 -0.02	52.34 3.97 0.00	49.81 3.73 0.00	43.75 3.20 -0.02	46.03 2.89 0.00
SHOREHAM_IC_1 23715	54.29 3.77 -16.20	52.64 2.63 -22.32	51.75 2.65 -23.10	50.84 2.45 -24.11	50.88 2.47 -23.97	50.57 2.69 -20.69	51.46 3.79 -14.71	55.00 4.71 -14.60	55.64 4.83 -14.47	58.44 5.27 -14.13	63.60 5.75 -16.46	97.19 6.66 -46.72	106.39 7.60 -53.01	119.70 7.74 -59.98	119.70 8.48 -56.51	119.70 8.53 -55.79	120.20 7.81 -57.79	119.71 7.68 -60.51	119.70 7.48 -62.99	100.65 7.48 -44.91	95.85 7.84 -39.64	72.18 6.96 -19.14	65.21 5.96 -18.72	55.59 5.39 -7.06
SHOREHAM_IC_2 23716	54.29 3.77 -16.20	52.64 2.63 -22.32	51.75 2.65 -23.10	50.84 2.45 -24.11	50.88 2.47 -23.97	50.57 2.69 -20.69	51.46 3.79 -14.71	55.00 4.71 -14.60	55.64 4.83 -14.47	58.44 5.27 -14.13	63.60 5.75 -16.46	97.19 6.66 -46.72	106.39 7.60 -53.01	119.70 7.74 -59.98	119.70 8.48 -56.51	119.70 8.53 -55.79	120.20 7.81 -57.79	119.71 7.68 -60.51	119.70 7.48 -62.99	100.65 7.48 -44.91	95.85 7.84 -39.64	72.18 6.96 -19.14	65.21 5.96 -18.72	55.59 5.39 -7.06



SISSONVILLE____ 23735	33.29 -1.03 0.00	27.19 -0.50 0.00	25.51 -0.49 0.00	23.79 -0.49 0.00	23.95 -0.49 0.00	26.70 -0.49 0.00	32.20 -0.76 0.00	34.08 -1.61 0.00	34.63 -1.71 0.00	37.13 -1.91 0.00	39.40 -1.99 0.00	41.62 -2.19 0.00	44.27 -1.51 0.00	50.32 -1.66 0.00	51.70 -3.01 0.00	51.78 -3.60 0.00	51.05 -3.55 0.00	48.17 -3.35 0.00	46.08 -3.15 0.00	45.51 -2.75 0.00	46.19 -2.18 0.00	43.82 -2.26 0.00	39.23 -1.30 0.00	41.80 -1.34 0.00
SITHE_IND_GS1 24169	33.32 -1.00 0.00	26.78 -0.91 0.00	25.14 -0.86 0.00	23.48 -0.80 0.00	23.66 -0.78 0.00	26.32 -0.87 0.00	31.97 -0.99 0.00	34.68 -1.25 -0.24	35.46 -1.20 -0.32	38.10 -1.25 -0.31	40.40 -1.32 -0.33	42.78 -1.31 -0.28	44.61 -1.42 -0.25	50.42 -1.66 -0.10	53.00 -1.75 -0.04	54.11 -1.27 0.00	53.29 -1.31 0.00	50.39 -1.13 0.00	48.00 -1.23 0.00	46.96 -1.30 0.00	47.16 -1.21 0.00	44.93 -1.15 0.00	39.27 -1.26 0.00	41.76 -1.38 0.00
SITHE_IND_GS2 24170	33.32 -1.00 0.00	26.78 -0.91 0.00	25.14 -0.86 0.00	23.48 -0.80 0.00	23.66 -0.78 0.00	26.32 -0.87 0.00	31.97 -0.99 0.00	34.68 -1.25 -0.24	35.46 -1.20 -0.32	38.10 -1.25 -0.31	40.40 -1.32 -0.33	42.78 -1.31 -0.28	44.61 -1.42 -0.25	50.42 -1.66 -0.10	53.00 -1.75 -0.04	54.11 -1.27 0.00	53.29 -1.31 0.00	50.39 -1.13 0.00	48.00 -1.23 0.00	46.96 -1.30 0.00	47.16 -1.21 0.00	44.93 -1.15 0.00	39.27 -1.26 0.00	41.76 -1.38 0.00
SITHE_IND_GS3 24171	33.32 -1.00 0.00	26.78 -0.91 0.00	25.14 -0.86 0.00	23.48 -0.80 0.00	23.66 -0.78 0.00	26.32 -0.87 0.00	31.97 -0.99 0.00	34.68 -1.25 -0.24	35.46 -1.20 -0.32	38.10 -1.25 -0.31	40.40 -1.32 -0.33	42.78 -1.31 -0.28	44.61 -1.42 -0.25	50.42 -1.66 -0.10	53.00 -1.75 -0.04	54.11 -1.27 0.00	53.29 -1.31 0.00	50.39 -1.13 0.00	48.00 -1.23 0.00	46.96 -1.30 0.00	47.16 -1.21 0.00	44.93 -1.15 0.00	39.27 -1.26 0.00	41.76 -1.38 0.00
SITHE_IND_GS4 24172	33.32 -1.00 0.00	26.78 -0.91 0.00	25.14 -0.86 0.00	23.48 -0.80 0.00	23.66 -0.78 0.00	26.32 -0.87 0.00	31.97 -0.99 0.00	34.68 -1.25 -0.24	35.46 -1.20 -0.32	38.10 -1.25 -0.31	40.40 -1.32 -0.33	42.78 -1.31 -0.28	44.61 -1.42 -0.25	50.42 -1.66 -0.10	53.00 -1.75 -0.04	54.11 -1.27 0.00	53.29 -1.31 0.00	50.39 -1.13 0.00	48.00 -1.23 0.00	46.96 -1.30 0.00	47.16 -1.21 0.00	44.93 -1.15 0.00	39.27 -1.26 0.00	41.76 -1.38 0.00
SITHE____BATAVIA 24024	33.70 -0.62 0.00	26.47 -1.22 0.00	24.86 -1.14 0.00	23.28 -1.00 0.00	23.44 -1.00 0.00	26.24 -0.95 0.00	31.97 -0.99 0.00	35.66 -1.14 -1.11	36.99 -0.87 -1.52	39.67 -0.82 -1.45	42.19 -0.74 -1.54	44.92 -0.22 -1.33	46.51 -0.46 -1.19	51.69 -0.78 -0.49	54.18 -0.71 -0.18	54.88 -0.50 0.00	53.84 -0.76 0.00	51.57 0.05 0.00	48.44 -0.79 0.00	46.91 -1.35 0.00	47.60 -0.77 0.00	45.76 -0.32 0.00	38.83 -1.70 0.00	40.90 -2.24 0.00
SITHE____INDEPEND 23800	33.32 -1.00 0.00	26.78 -0.91 0.00	25.14 -0.86 0.00	23.48 -0.80 0.00	23.66 -0.78 0.00	26.32 -0.87 0.00	31.97 -0.99 0.00	34.68 -1.25 -0.24	35.46 -1.20 -0.32	38.10 -1.25 -0.31	40.40 -1.32 -0.33	42.78 -1.31 -0.28	44.61 -1.42 -0.25	50.42 -1.66 -0.10	53.00 -1.75 -0.04	54.11 -1.27 0.00	53.29 -1.31 0.00	50.39 -1.13 0.00	48.00 -1.23 0.00	46.96 -1.30 0.00	47.16 -1.21 0.00	44.93 -1.15 0.00	39.27 -1.26 0.00	41.76 -1.38 0.00
SITHE____MASSENA 23902	33.19 -1.13 0.00	27.16 -0.53 0.00	25.51 -0.49 0.00	23.79 -0.49 0.00	23.95 -0.49 0.00	26.67 -0.52 0.00	32.07 -0.89 0.00	34.80 -0.89 0.00	35.43 -0.91 0.00	37.91 -1.13 0.00	40.19 -1.20 0.00	42.28 -1.53 0.00	44.18 -1.60 0.00	50.16 -1.82 0.00	52.47 -2.24 0.00	52.44 -2.94 0.00	51.71 -2.89 0.00	48.84 -2.68 0.00	46.72 -2.51 0.00	46.14 -2.12 0.00	46.14 -2.23 0.00	43.78 -2.30 0.00	39.27 -1.26 0.00	41.72 -1.42 0.00
SITHE____OGDNSBRG 24021	33.57 -0.75 0.00	27.44 -0.25 0.00	25.74 -0.26 0.00	24.01 -0.27 0.00	24.20 -0.24 0.00	26.95 -0.24 0.00	32.53 -0.43 0.00	34.94 -0.75 0.00	35.36 -0.98 0.00	37.83 -1.21 0.00	40.15 -1.24 0.00	42.23 -1.58 0.00	44.36 -1.42 0.00	50.42 -1.56 0.00	52.85 -1.86 0.00	52.72 -2.66 0.00	51.98 -2.62 0.00	49.05 -2.47 0.00	46.92 -2.31 0.00	46.33 -1.93 0.00	46.48 -1.89 0.00	44.05 -2.03 0.00	39.52 -1.01 0.00	42.15 -0.99 0.00
SITHE____STERLING 23777	34.94 0.62 0.00	27.94 0.25 0.00	26.23 0.23 0.00	24.50 0.22 0.00	24.66 0.22 0.00	27.49 0.30 0.00	33.62 0.66 0.00	35.90 0.21 0.00	36.74 0.40 0.00	39.63 0.59 0.00	42.05 0.66 0.00	44.69 0.88 0.00	46.74 0.96 0.00	53.07 1.09 0.00	55.86 1.15 0.00	56.82 1.44 0.00	55.91 1.31 0.00	52.81 1.29 0.00	50.21 0.98 0.00	49.03 0.77 0.00	49.29 0.92 0.00	46.86 0.78 0.00	40.85 0.32 0.00	43.70 0.56 0.00
SOUTH CAIRO____GT 23612	35.45 1.13 0.00	28.41 0.72 0.00	26.57 0.57 0.00	24.81 0.53 0.00	24.95 0.51 0.00	27.71 0.52 0.00	33.98 1.02 0.00	45.59 1.21 -8.69	49.38 1.09 -11.95	51.76 1.33 -11.39	54.89 1.45 -12.05	56.02 1.80 -10.41	57.18 2.06 -9.34	58.45 2.60 -3.87	58.92 2.79 -1.42	58.92 3.54 0.00	58.42 3.82 0.00	54.10 2.58 0.00	52.53 3.30 0.00	51.38 3.09 -0.03	51.03 2.66 0.00	48.11 2.03 0.00	42.51 1.95 -0.03	45.38 2.24 0.00
SOUTH HAMPTN____IC 23720	55.43 4.91 -16.20	53.47 3.46 -22.32	52.27 3.17 -23.10	51.33 2.94 -24.11	51.34 2.93 -23.97	51.14 3.26 -20.69	52.22 4.55 -14.71	56.07 5.78 -14.60	56.91 6.10 -14.47	59.92 6.75 -14.13	65.30 7.45 -16.46	103.72 8.63 -51.28	114.07 9.75 -58.54	128.48 8.89 -67.61	128.34 9.74 -63.89	127.54 9.86 -62.30	128.72 9.66 -64.46	127.69 8.91 -67.26	128.37 8.47 -70.67	107.90 9.60 -50.04	102.19 10.01 -43.81	74.17 8.94 -19.15	66.75 7.50 -18.72	56.97 6.77 -7.06
SOUTHOLD____IC 23719	55.94 5.42 -16.20	53.78 3.77 -22.32	52.56 3.46 -23.10	51.60 3.21 -24.11	51.61 3.20 -23.97	51.44 3.56 -20.69	52.71 5.04 -14.71	56.75 6.46 -14.60	57.68 6.87 -14.47	60.82 7.65 -14.13	66.33 8.48 -16.46	105.23 9.81 -51.61	115.75 11.03 -58.94	129.55 9.41 -68.16	129.47 10.34 -64.42	128.63 10.47 -62.78	129.80 10.26 -64.94	128.80 9.53 -67.75	129.41 8.96 -71.22	109.53 10.86 -50.41	103.80 11.32 -44.11	75.37 10.14 -19.15	67.68 8.43 -18.72	57.49 7.29 -7.06
ST LAWRENCE____ 23600	33.12 -1.20 0.00	27.11 -0.58 0.00	25.45 -0.55 0.00	23.77 -0.51 0.00	23.93 -0.51 0.00	26.62 -0.57 0.00	31.94 -1.02 0.00	34.76 -0.93 0.00	35.32 -1.02 0.00	37.79 -1.25 0.00	40.07 -1.32 0.00	42.15 -1.66 0.00	44.04 -1.74 0.00	50.00 -1.98 0.00	52.36 -2.35 0.00	52.33 -3.05 0.00	51.65 -2.95 0.00	48.74 -2.78 0.00	46.62 -2.61 0.00	46.04 -2.22 0.00	45.95 -2.42 0.00	43.64 -2.44 0.00	39.15 -1.38 0.00	41.63 -1.51 0.00
STATION 5_MISC_HYD 23604	37.96 3.64 0.00	29.30 1.61 0.00	27.51 1.51 0.00	25.76 1.48 0.00	25.96 1.52 0.00	28.98 1.79 0.00	36.32 3.36 0.00	39.94 3.39 -0.86	41.12 3.60 -1.18	44.14 3.98 -1.12	47.01 4.43 -1.19	50.10 5.26 -1.03	52.10 5.40 -0.92	58.08 5.72 -0.38	60.87 6.02 -0.14	61.64 6.26 0.00	60.50 5.90 0.00	57.50 5.98 0.00	54.00 4.77 0.00	52.36 4.10 0.00	52.97 4.60 0.00	50.96 4.88 0.00	43.81 3.28 0.00	45.17 2.03 0.00
STURGEON_POOL_HYD 23609	36.07 1.75 0.00	28.85 1.16 0.00	26.96 0.96 0.00	25.20 0.92 0.00	25.32 0.88 0.00	28.11 0.92 0.00	34.54 1.58 0.00	45.77 2.07 -8.01	49.39 2.03 -11.02	51.80 2.26 -10.50	54.90 2.40 -11.11	56.26 2.85 -9.60	57.55 3.16 -8.61	59.39 3.85 -3.56	60.12 4.10 -1.31	60.14 4.76 0.00	59.57 4.97 0.00	55.28 3.76 0.00	53.56 4.33 0.00	52.34 4.05 -0.03	52.05 3.68 0.00	49.31 3.23 0.00	43.48 2.92 -0.03	46.12 2.98 0.00



SYRACUSE___POWER 24017	33.84 -0.48 0.00	27.14 -0.55 0.00	25.48 -0.52 0.00	23.79 -0.49 0.00	23.98 -0.46 0.00	26.67 -0.52 0.00	32.53 -0.43 0.00	35.31 -0.82 -0.44	36.33 -0.62 -0.61	39.15 -0.47 -0.58	41.46 -0.54 -0.61	43.95 -0.39 -0.53	45.85 -0.41 -0.48	51.71 -0.47 -0.20	54.29 -0.49 -0.07	55.49 0.11 0.00	54.55 -0.05 0.00	51.57 0.05 0.00	48.98 -0.25 0.00	47.78 -0.48 0.00	48.03 -0.34 0.00	45.76 -0.32 0.00	39.72 -0.81 0.00	42.32 -0.82 0.00
Stony___Brook 24151	54.30 3.77 -16.21	52.62 2.60 -22.33	51.47 2.37 -23.10	50.60 2.21 -24.11	50.61 2.20 -23.97	50.27 2.39 -20.69	51.10 3.43 -14.71	54.41 4.10 -14.62	55.02 4.18 -14.50	57.64 4.45 -14.15	62.66 4.80 -16.47	73.21 5.43 -23.97	77.28 6.09 -25.41	80.06 6.24 -21.84	81.13 6.78 -19.64	85.48 6.87 -23.23	85.88 6.82 -24.46	84.43 6.13 -26.78	79.93 6.05 -24.65	73.59 6.03 -19.30	73.64 6.34 -18.93	70.84 5.67 -19.09	64.25 4.99 -18.73	54.79 4.57 -7.08
UPPER HUDSON___HYD 24058	37.34 3.02 0.00	29.74 2.05 0.00	27.85 1.85 0.00	25.91 1.63 0.00	26.08 1.64 0.00	29.12 1.93 0.00	35.63 2.67 0.00	48.72 2.89 -10.14	53.12 2.83 -13.95	55.62 3.28 -13.30	58.69 3.23 -14.07	59.68 3.72 -12.15	60.53 3.85 -10.90	60.65 4.16 -4.51	60.80 4.43 -1.66	59.48 4.10 0.00	58.69 4.09 0.00	56.00 4.48 0.00	53.56 4.33 0.00	52.39 4.10 -0.03	53.16 4.79 0.00	50.60 4.52 0.00	44.37 3.81 -0.03	46.98 3.84 0.00
UPPER RAQUET___HYD 24056	33.29 -1.03 0.00	27.19 -0.50 0.00	25.51 -0.49 0.00	23.79 -0.49 0.00	23.95 -0.49 0.00	26.70 -0.49 0.00	32.20 -0.76 0.00	34.08 -1.61 0.00	34.63 -1.71 0.00	37.13 -1.91 0.00	39.40 -1.99 0.00	41.62 -2.19 0.00	44.27 -1.51 0.00	50.32 -1.66 0.00	51.70 -3.01 0.00	51.78 -3.60 0.00	51.05 -3.55 0.00	48.17 -3.35 0.00	46.08 -3.15 0.00	45.51 -2.75 0.00	46.19 -2.18 0.00	43.82 -2.26 0.00	39.23 -1.30 0.00	41.80 -1.34 0.00
VISCHER___FERRY HYD 24020	36.76 2.44 0.00	29.35 1.66 0.00	27.51 1.51 0.00	25.66 1.38 0.00	25.83 1.39 0.00	28.77 1.58 0.00	35.14 2.18 0.00	48.09 2.57 -9.83	52.63 2.76 -13.53	55.02 3.08 -12.90	58.30 3.27 -13.64	59.23 3.64 -11.78	60.29 3.94 -10.57	60.73 4.37 -4.38	61.03 4.71 -1.61	59.87 4.49 0.00	59.08 4.48 0.00	55.69 4.17 0.00	53.36 4.13 0.00	52.30 4.01 -0.03	52.58 4.21 0.00	50.00 3.92 0.00	43.88 3.32 -0.03	46.29 3.15 0.00
WADING RIVER_1-3_GRP5 24038	54.17 3.67 -16.18	52.55 2.55 -22.31	51.39 2.29 -23.10	50.53 2.14 -24.11	50.56 2.15 -23.97	50.22 2.34 -20.69	51.03 3.36 -14.71	54.38 4.10 -14.59	54.97 4.18 -14.45	57.64 4.49 -14.11	62.63 4.80 -16.44	65.63 5.56 -16.26	68.23 6.41 -16.04	67.42 6.50 -8.94	68.98 7.11 -7.16	74.74 7.14 -12.22	74.90 7.10 -13.20	73.28 6.39 -15.37	67.25 6.35 -11.67	65.18 6.32 -10.60	66.72 6.63 -11.72	70.94 5.85 -19.01	64.31 5.07 -18.71	54.81 4.62 -7.05
WADING RIVER_IC_1 23522	54.17 3.67 -16.18	52.55 2.55 -22.31	51.39 2.29 -23.10	50.53 2.14 -24.11	50.56 2.15 -23.97	50.22 2.34 -20.69	51.03 3.36 -14.71	54.38 4.10 -14.59	54.97 4.18 -14.45	57.64 4.49 -14.11	62.63 4.80 -16.44	65.63 5.56 -16.26	68.23 6.41 -16.04	67.42 6.50 -8.94	68.98 7.11 -7.16	74.74 7.14 -12.22	74.90 7.10 -13.20	73.28 6.39 -15.37	67.25 6.35 -11.67	65.18 6.32 -10.60	66.72 6.63 -11.72	70.94 5.85 -19.01	64.31 5.07 -18.71	54.81 4.62 -7.05
WADING RIVER_IC_2 23547	54.17 3.67 -16.18	52.55 2.55 -22.31	51.39 2.29 -23.10	50.53 2.14 -24.11	50.56 2.15 -23.97	50.22 2.34 -20.69	51.03 3.36 -14.71	54.38 4.10 -14.59	54.97 4.18 -14.45	57.64 4.49 -14.11	62.63 4.80 -16.44	65.63 5.56 -16.26	68.23 6.41 -16.04	67.42 6.50 -8.94	68.98 7.11 -7.16	74.74 7.14 -12.22	74.90 7.10 -13.20	73.28 6.39 -15.37	67.25 6.35 -11.67	65.18 6.32 -10.60	66.72 6.63 -11.72	70.94 5.85 -19.01	64.31 5.07 -18.71	54.81 4.62 -7.05
WADING RIVER_IC_3 23601	54.17 3.67 -16.18	52.55 2.55 -22.31	51.39 2.29 -23.10	50.53 2.14 -24.11	50.56 2.15 -23.97	50.22 2.34 -20.69	51.03 3.36 -14.71	54.38 4.10 -14.59	54.97 4.18 -14.45	57.64 4.49 -14.11	62.63 4.80 -16.44	65.63 5.56 -16.26	68.23 6.41 -16.04	67.42 6.50 -8.94	68.98 7.11 -7.16	74.74 7.14 -12.22	74.90 7.10 -13.20	73.28 6.39 -15.37	67.25 6.35 -11.67	65.18 6.32 -10.60	66.72 6.63 -11.72	70.94 5.85 -19.01	64.31 5.07 -18.71	54.81 4.62 -7.05
WALDEN___HYDRO 24148	36.31 1.99 0.00	28.96 1.27 0.00	27.07 1.07 0.00	25.28 1.00 0.00	25.42 0.98 0.00	28.25 1.06 0.00	34.71 1.75 0.00	45.64 2.32 -7.63	49.24 2.40 -10.50	51.67 2.62 -10.01	54.75 2.77 -10.59	56.20 3.24 -9.15	57.52 3.53 -8.21	59.54 4.16 -3.40	60.45 4.49 -1.25	60.25 4.87 0.00	59.62 5.02 0.00	55.59 4.07 0.00	53.61 4.38 0.00	52.44 4.15 -0.03	52.29 3.92 0.00	49.67 3.59 0.00	43.72 3.16 -0.03	46.16 3.02 0.00
WARRENSBURG___ 23737	37.10 2.78 0.00	29.60 1.91 0.00	27.69 1.69 0.00	25.79 1.51 0.00	25.96 1.52 0.00	28.96 1.77 0.00	35.40 2.44 0.00	48.51 2.68 -10.14	52.87 2.58 -13.95	55.35 3.01 -13.30	58.44 2.98 -14.07	59.38 3.42 -12.15	60.21 3.53 -10.90	60.23 3.74 -4.51	60.42 4.05 -1.66	59.09 3.71 0.00	58.31 3.71 0.00	55.64 4.12 0.00	53.22 3.99 0.00	52.05 3.76 -0.03	52.82 4.45 0.00	50.27 4.19 0.00	44.09 3.53 -0.03	46.76 3.62 0.00
WATERSIDE___6 8 9 23538	37.76 3.43 -0.01	30.04 2.35 0.00	28.08 2.08 0.00	26.22 1.94 0.00	26.37 1.93 0.00	29.31 2.12 0.00	36.12 3.16 0.00	59.85 4.10 -20.06	62.61 4.36 -21.91	63.30 4.69 -19.57	66.53 5.01 -20.13	72.23 5.61 -22.81	73.09 6.04 -21.27	76.18 6.86 -17.34	76.16 7.39 -14.06	79.63 7.42 -16.83	74.92 7.42 -12.90	75.08 6.70 -16.86	72.26 6.74 -16.29	64.69 6.42 -10.01	67.50 6.39 -12.74	68.00 6.04 -15.88	64.71 5.23 -18.95	61.09 4.75 -13.20
WEST BABYLON___IC 23714	55.03 4.05 -16.66	53.26 2.82 -22.75	51.65 2.55 -23.10	50.77 2.38 -24.11	50.78 2.37 -23.97	50.52 2.64 -20.69	51.49 3.82 -14.71	55.65 4.82 -15.14	56.53 5.05 -15.14	59.47 5.58 -14.85	64.21 5.92 -16.90	68.78 6.70 -18.27	71.80 7.37 -18.65	72.30 8.21 -12.11	73.77 8.86 -10.20	78.99 8.81 -14.80	79.25 8.84 -15.81	77.59 7.99 -18.08	71.97 7.88 -14.86	69.05 7.63 -13.16	72.16 7.69 -16.10	72.86 7.05 -19.73	65.56 5.96 -19.07	56.06 5.35 -7.57
WEST CANADA___HYD 24049	34.63 0.31 0.00	27.86 0.17 0.00	26.13 0.13 0.00	24.40 0.12 0.00	24.56 0.12 0.00	27.33 0.14 0.00	33.22 0.26 0.00	35.79 0.29 0.19	36.36 0.29 0.27	39.14 0.35 0.25	41.49 0.37 0.27	44.02 0.44 0.23	46.03 0.46 0.21	52.41 0.52 0.09	55.28 0.60 0.03	56.04 0.66 0.00	55.26 0.66 0.00	52.14 0.62 0.00	49.82 0.59 0.00	48.79 0.53 0.00	48.95 0.58 0.00	46.63 0.55 0.00	40.94 0.41 0.00	43.53 0.39 0.00
WESTERN_NY_WIND 24143	33.63 -0.69 0.00	26.44 -1.25 0.00	24.80 -1.20 0.00	23.24 -1.04 0.00	23.39 -1.05 0.00	26.18 -1.01 0.00	31.91 -1.05 0.00	35.61 -1.21 -1.13	36.96 -0.94 -1.56	39.67 -0.86 -1.49	42.13 -0.83 -1.57	44.86 -0.31 -1.36	46.45 -0.55 -1.22	51.60 -0.88 -0.50	54.08 -0.82 -0.19	54.77 -0.61 0.00	53.78 -0.82 0.00	51.47 -0.05 0.00	48.34 -0.89 0.00	46.86 -1.40 0.00	47.50 -0.87 0.00	45.71 -0.37 0.00	38.75 -1.78 0.00	40.81 -2.33 0.00
YORK___WARBASSE 23770	37.80 3.47 -0.01	30.13 2.44 0.00	28.18 2.18 0.00	26.32 2.04 0.00	26.47 2.03 0.00	29.42 2.23 0.00	36.26 3.30 0.00	59.93 4.18 -20.06	62.72 4.47 -21.91	63.49 4.88 -19.57	66.78 5.26 -20.13	72.53 5.91 -22.81	73.46 6.41 -21.27	76.60 7.28 -17.34	76.59 7.82 -14.06	80.07 7.86 -16.83	75.31 7.81 -12.90	75.49 7.11 -16.86	72.56 7.04 -16.29	64.93 6.66 -10.01	67.69 6.58 -12.74	68.18 6.22 -15.88	64.79 5.31 -18.95	61.09 4.75 -13.20