

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/19/2004

Name PTID	00:00 EDT	01:00 EDT	02:00 EDT	03:00 EDT	04:00 EDT	05:00 EDT	06:00 EDT	07:00 EDT	08:00 EDT	09:00 EDT	10:00 EDT	11:00 EDT	12:00 EDT	13:00 EDT	14:00 EDT	15:00 EDT	16:00 EDT	17:00 EDT	18:00 EDT	19:00 EDT	20:00 EDT	21:00 EDT	22:00 EDT	23:00 EDT
59TH STREET_GT_1 24138	55.90 3.40 -16.30	54.73 2.89 -21.39	46.18 2.68 -14.69	31.19 2.65 0.00	31.40 2.62 0.00	34.79 2.66 -2.20	55.60 3.64 -15.22	55.93 4.59 -16.29	57.78 4.90 -15.19	62.92 5.54 -14.08	63.23 6.20 -8.63	62.86 6.32 -6.74	62.23 6.89 -3.90	61.53 7.40 -0.49	62.55 7.63 0.00	70.95 8.24 -4.71	63.44 8.08 0.00	62.36 7.16 -4.45	61.46 6.40 -7.97	58.05 6.01 -7.20	58.39 6.26 -5.72	57.80 5.83 -8.49	57.35 4.89 -14.54	66.56 4.30 -20.12
74TH STREET_GT_1 24260	55.90 3.40 -16.30	54.73 2.89 -21.39	46.18 2.68 -14.69	31.19 2.65 0.00	31.40 2.62 0.00	34.79 2.66 -2.20	55.60 3.64 -15.22	55.93 4.59 -16.29	57.78 4.90 -15.19	62.92 5.54 -14.08	63.23 6.20 -8.63	62.86 6.32 -6.74	62.23 6.89 -3.90	61.53 7.40 -0.49	62.55 7.63 0.00	70.95 8.24 -4.71	63.44 8.08 0.00	62.36 7.16 -4.45	61.46 6.40 -7.97	58.05 6.01 -7.20	58.39 6.26 -5.72	57.80 5.83 -8.49	57.35 4.89 -14.54	66.56 4.30 -20.12
74TH STREET_GT_2 24261	55.90 3.40 -16.30	54.73 2.89 -21.39	46.18 2.68 -14.69	31.19 2.65 0.00	31.40 2.62 0.00	34.79 2.66 -2.20	55.60 3.64 -15.22	55.93 4.59 -16.29	57.78 4.90 -15.19	62.92 5.54 -14.08	63.23 6.20 -8.63	62.86 6.32 -6.74	62.23 6.89 -3.90	61.53 7.40 -0.49	62.55 7.63 0.00	70.95 8.24 -4.71	63.44 8.08 0.00	62.36 7.16 -4.45	61.46 6.40 -7.97	58.05 6.01 -7.20	58.39 6.26 -5.72	57.80 5.83 -8.49	57.35 4.89 -14.54	66.56 4.30 -20.12
ADK HUDSON___FALLS 24011	39.60 3.40 0.00	33.22 2.77 0.00	31.35 2.54 0.00	31.05 2.51 0.00	31.28 2.50 0.00	32.59 2.66 0.00	40.08 3.34 0.00	38.27 3.22 0.00	50.39 3.58 -9.12	47.28 3.98 0.00	52.56 4.16 0.00	53.93 4.13 0.00	55.30 3.86 0.00	57.61 3.97 0.00	59.04 4.12 0.00	62.51 4.12 -0.39	59.29 3.93 0.00	54.40 3.65 0.00	50.17 3.01 -0.07	47.75 2.91 0.00	49.89 3.48 0.00	46.83 3.35 0.00	41.07 3.15 0.00	45.55 3.41 0.00
ADK RESOURCE___RCVRY 23798	39.60 3.40 0.00	33.22 2.77 0.00	31.35 2.54 0.00	31.05 2.51 0.00	31.28 2.50 0.00	32.59 2.66 0.00	40.08 3.34 0.00	38.27 3.22 0.00	50.39 3.58 -9.12	47.28 3.98 0.00	52.56 4.16 0.00	53.93 4.13 0.00	55.30 3.86 0.00	57.61 3.97 0.00	59.04 4.12 0.00	62.51 4.12 -0.39	59.29 3.93 0.00	54.40 3.65 0.00	50.17 3.01 -0.07	47.75 2.91 0.00	49.89 3.48 0.00	46.83 3.35 0.00	41.07 3.15 0.00	45.55 3.41 0.00
ADK S GLENS___FALLS 24028	39.60 3.40 0.00	33.22 2.77 0.00	31.35 2.54 0.00	31.05 2.51 0.00	31.28 2.50 0.00	32.59 2.66 0.00	40.08 3.34 0.00	38.27 3.22 0.00	50.39 3.58 -9.12	47.28 3.98 0.00	52.56 4.16 0.00	53.93 4.13 0.00	55.30 3.86 0.00	57.61 3.97 0.00	59.04 4.12 0.00	62.51 4.12 -0.39	59.29 3.93 0.00	54.40 3.65 0.00	50.17 3.01 -0.07	47.75 2.91 0.00	49.89 3.48 0.00	46.83 3.35 0.00	41.07 3.15 0.00	45.55 3.41 0.00
ADK_NYS___DAM 23527	38.63 2.43 0.00	32.46 2.01 0.00	30.68 1.87 0.00	30.39 1.85 0.00	30.62 1.84 0.00	31.82 1.89 0.00	39.09 2.35 0.00	37.71 2.66 0.00	49.39 2.83 -8.87	46.63 3.33 0.00	52.03 3.63 0.00	53.48 3.68 0.00	55.25 3.81 0.00	57.56 3.92 0.00	58.93 4.01 0.00	62.65 4.18 -0.47	59.46 4.10 0.00	54.56 3.81 0.00	50.47 3.30 -0.08	48.07 3.23 0.00	49.84 3.43 0.00	46.65 3.17 0.00	40.73 2.81 0.00	44.75 2.61 0.00
AIR_PRODUCTS___DRP 24190	38.59 2.39 0.00	32.43 1.98 0.00	30.65 1.84 0.00	30.37 1.83 0.00	30.59 1.81 0.00	31.79 1.86 0.00	39.02 2.28 0.00	37.61 2.56 0.00	49.30 2.75 -8.86	46.55 3.25 0.00	51.88 3.48 0.00	53.39 3.59 0.00	55.09 3.65 0.00	57.45 3.81 0.00	58.87 3.95 0.00	62.12 4.12 0.00	59.40 4.04 0.00	54.45 3.70 0.00	50.32 3.20 -0.03	47.98 3.14 0.00	49.75 3.34 0.00	46.52 3.04 0.00	40.65 2.73 0.00	44.71 2.57 0.00
ALBANY___1 23571	38.59 2.39 0.00	32.43 1.98 0.00	30.65 1.84 0.00	30.37 1.83 0.00	30.59 1.81 0.00	31.79 1.86 0.00	39.02 2.28 0.00	37.61 2.56 0.00	49.30 2.75 -8.86	46.55 3.25 0.00	51.88 3.48 0.00	53.39 3.59 0.00	55.09 3.65 0.00	57.45 3.81 0.00	58.87 3.95 0.00	62.12 4.12 0.00	59.40 4.04 0.00	54.45 3.70 0.00	50.32 3.20 -0.03	47.98 3.14 0.00	49.75 3.34 0.00	46.52 3.04 0.00	40.65 2.73 0.00	44.71 2.57 0.00
ALBANY___2 23572	38.59 2.39 0.00	32.43 1.98 0.00	30.65 1.84 0.00	30.37 1.83 0.00	30.59 1.81 0.00	31.79 1.86 0.00	39.02 2.28 0.00	37.61 2.56 0.00	49.30 2.75 -8.86	46.55 3.25 0.00	51.88 3.48 0.00	53.39 3.59 0.00	55.09 3.65 0.00	57.45 3.81 0.00	58.87 3.95 0.00	62.12 4.12 0.00	59.40 4.04 0.00	54.45 3.70 0.00	50.32 3.20 -0.03	47.98 3.14 0.00	49.75 3.34 0.00	46.52 3.04 0.00	40.65 2.73 0.00	44.71 2.57 0.00
ALBANY___3 23573	38.59 2.39 0.00	32.43 1.98 0.00	30.65 1.84 0.00	30.37 1.83 0.00	30.59 1.81 0.00	31.79 1.86 0.00	39.02 2.28 0.00	37.61 2.56 0.00	49.30 2.75 -8.86	46.55 3.25 0.00	51.88 3.48 0.00	53.39 3.59 0.00	55.09 3.65 0.00	57.45 3.81 0.00	58.87 3.95 0.00	62.12 4.12 0.00	59.40 4.04 0.00	54.45 3.70 0.00	50.32 3.20 -0.03	47.98 3.14 0.00	49.75 3.34 0.00	46.52 3.04 0.00	40.65 2.73 0.00	44.71 2.57 0.00
ALBANY___4 23574	38.59 2.39 0.00	32.43 1.98 0.00	30.65 1.84 0.00	30.37 1.83 0.00	30.59 1.81 0.00	31.79 1.86 0.00	39.02 2.28 0.00	37.61 2.56 0.00	49.30 2.75 -8.86	46.55 3.25 0.00	51.88 3.48 0.00	53.39 3.59 0.00	55.09 3.65 0.00	57.45 3.81 0.00	58.87 3.95 0.00	62.12 4.12 0.00	59.40 4.04 0.00	54.45 3.70 0.00	50.32 3.20 -0.03	47.98 3.14 0.00	49.75 3.34 0.00	46.52 3.04 0.00	40.65 2.73 0.00	44.71 2.57 0.00



ALCOA_RYNLDS___DRP 24188	35.01 -1.19 0.00	29.45 -1.00 0.00	27.95 -0.86 0.00	27.66 -0.88 0.00	27.92 -0.86 0.00	28.97 -0.96 0.00	35.75 -0.99 0.00	33.58 -1.47 0.00	36.33 -1.36 0.00	41.57 -1.73 0.00	46.46 -1.94 0.00	47.81 -1.99 0.00	49.59 -1.85 0.00	51.49 -2.15 0.00	52.34 -2.58 0.00	55.56 -2.44 0.00	52.32 -3.04 0.00	47.96 -2.79 0.00	45.30 -1.79 0.00	43.00 -1.84 0.00	44.37 -2.04 0.00	41.87 -1.61 0.00	35.83 -2.09 0.00	40.88 -1.26 0.00
ALLEGHENY___COGEN 23514	35.11 -1.09 0.00	29.48 -0.97 0.00	27.66 -1.15 0.00	27.48 -1.06 0.00	27.72 -1.06 0.00	29.30 -0.63 0.00	35.09 -1.65 0.00	34.14 -0.91 0.00	37.32 -1.55 -1.18	41.91 -1.39 0.00	47.00 -1.40 0.00	48.60 -1.20 0.00	49.18 -2.26 0.00	51.66 -1.98 0.00	52.94 -1.98 0.00	55.04 -2.96 0.00	53.75 -1.61 0.00	49.79 -0.96 0.00	44.92 -2.17 0.00	43.23 -1.61 0.00	45.39 -1.02 0.00	42.05 -1.43 0.00	38.03 0.11 0.00	40.41 -1.73 0.00
AMERICAN_REF_FUEL 24010	32.33 -3.87 0.00	27.25 -3.20 0.00	25.55 -3.26 0.00	25.40 -3.14 0.00	25.61 -3.17 0.00	27.15 -2.78 0.00	31.93 -4.81 0.00	31.54 -3.51 0.00	34.17 -4.56 -1.04	38.15 -5.15 0.00	42.35 -6.05 0.00	43.63 -6.17 0.00	44.14 -7.30 0.00	46.77 -6.87 0.00	48.05 -6.87 0.00	49.59 -8.41 0.00	49.05 -6.31 0.00	45.22 -5.53 0.00	40.87 -6.22 0.00	39.24 -5.60 0.00	41.40 -5.01 0.00	38.35 -5.13 0.00	35.04 -2.88 0.00	37.17 -4.97 0.00
ARTHUR_KILL_GT_1 23520	58.07 3.19 -18.68	55.85 2.68 -22.72	49.85 2.48 -18.56	40.30 2.45 -9.31	39.49 2.39 -8.32	43.10 2.42 -10.75	57.35 3.42 -17.19	58.53 4.42 -19.06	62.37 4.82 -19.86	79.88 5.46 -31.12	79.65 6.15 -25.10	79.47 6.32 -23.35	78.87 6.89 -20.54	79.47 7.35 -18.48	80.21 7.63 -17.66	75.69 8.24 -9.45	76.26 8.08 -12.82	78.92 7.11 -21.06	78.29 6.31 -24.89	74.86 5.92 -24.10	72.14 6.22 -19.51	70.57 5.78 -21.31	61.64 4.82 -18.90	66.31 4.05 -20.12
ARTHUR_KILL_2 23512	58.07 3.19 -18.68	55.85 2.68 -22.72	49.85 2.48 -18.56	40.30 2.45 -9.31	39.49 2.39 -8.32	43.10 2.42 -10.75	57.35 3.42 -17.19	58.53 4.42 -19.06	62.37 4.82 -19.86	79.88 5.46 -31.12	79.65 6.15 -25.10	79.47 6.32 -23.35	78.87 6.89 -20.54	79.47 7.35 -18.48	80.21 7.63 -17.66	75.69 8.24 -9.45	76.26 8.08 -12.82	78.92 7.11 -21.06	78.29 6.31 -24.89	74.86 5.92 -24.10	72.14 6.22 -19.51	70.57 5.78 -21.31	61.64 4.82 -18.90	66.31 4.05 -20.12
ARTHUR_KILL_3 23513	58.25 3.37 -18.68	56.00 2.83 -22.72	49.98 2.62 -18.55	40.48 2.63 -9.31	39.65 2.56 -8.31	43.27 2.60 -10.74	57.48 3.56 -17.18	58.67 4.56 -19.06	62.40 4.86 -19.85	79.87 5.46 -31.11	79.60 6.10 -25.10	79.38 6.22 -23.36	78.77 6.79 -20.54	79.37 7.24 -18.49	80.10 7.52 -17.66	75.58 8.12 -9.46	76.15 7.97 -12.82	78.86 7.05 -21.06	78.29 6.31 -24.89	74.89 5.96 -24.09	72.09 6.17 -19.51	70.52 5.74 -21.30	61.66 4.85 -18.89	66.47 4.21 -20.12
ASHOKAN____ 23654	37.14 0.94 0.00	31.27 0.82 0.00	29.53 0.72 0.00	29.22 0.68 0.00	29.36 0.58 0.00	30.35 0.42 0.00	38.06 1.32 0.00	37.85 2.80 0.00	48.26 3.02 -7.55	46.37 3.07 0.00	52.37 3.97 0.00	53.63 3.83 0.00	56.17 4.73 0.00	58.58 4.94 0.00	60.47 5.55 0.00	65.48 5.68 -1.80	61.01 5.65 0.00	55.47 4.72 0.00	51.61 4.33 -0.19	48.38 3.54 0.00	50.08 3.67 0.00	46.57 3.09 0.00	40.31 2.39 0.00	43.61 1.47 0.00
ASTORIA 5-9____ 23662	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.10 6.22 -61.08	117.20 6.79 -58.97	121.82 7.30 -60.88	121.82 7.52 -59.38	121.77 8.12 -55.65	121.82 7.97 -58.49	117.09 7.05 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA GT2____ 23536	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA GT3____ 23731	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA GT4____ 23727	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT2_1 24094	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT2_2 24095	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT2_3 24096	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT2_4 24097	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT3_1 24098	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69



ASTORIA_GT3_2 24099	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT3_3 24100	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT3_4 24101	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT4_1 24102	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT4_2 24103	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT4_3 24104	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT4_4 24105	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.01 6.13 -61.08	117.10 6.69 -58.97	121.71 7.19 -60.88	121.71 7.41 -59.38	121.71 8.06 -55.65	121.71 7.86 -58.49	116.99 6.95 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT_1 23523	67.74 3.55 -27.99	64.14 2.98 -30.71	62.59 2.77 -31.01	62.56 2.74 -31.28	59.44 2.71 -27.95	64.11 2.75 -31.43	65.76 3.75 -25.27	69.04 4.70 -29.29	75.44 5.01 -32.74	117.10 5.63 -68.17	116.75 6.29 -62.06	117.30 6.42 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	122.04 7.74 -59.38	122.00 8.35 -55.65	121.99 8.14 -58.49	117.30 7.26 -59.29	116.75 6.50 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.40 5.01 -32.47	71.21 4.38 -24.69
ASTORIA_GT_10 24110	67.74 3.55 -27.99	64.14 2.98 -30.71	62.59 2.77 -31.01	62.56 2.74 -31.28	59.44 2.71 -27.95	64.11 2.75 -31.43	65.76 3.75 -25.27	69.04 4.70 -29.29	75.44 5.01 -32.74	117.10 5.63 -68.17	116.75 6.29 -62.06	117.30 6.42 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	122.04 7.74 -59.38	122.00 8.35 -55.65	121.99 8.14 -58.49	117.30 7.26 -59.29	116.75 6.50 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.40 5.01 -32.47	71.21 4.38 -24.69
ASTORIA_GT_11 24225	67.74 3.55 -27.99	64.14 2.98 -30.71	62.59 2.77 -31.01	62.56 2.74 -31.28	59.44 2.71 -27.95	64.11 2.75 -31.43	65.76 3.75 -25.27	69.04 4.70 -29.29	75.44 5.01 -32.74	117.10 5.63 -68.17	116.75 6.29 -62.06	117.30 6.42 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	122.04 7.74 -59.38	122.00 8.35 -55.65	121.99 8.14 -58.49	117.30 7.26 -59.29	116.75 6.50 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.40 5.01 -32.47	71.21 4.38 -24.69
ASTORIA_GT_12 24226	67.74 3.55 -27.99	64.14 2.98 -30.71	62.59 2.77 -31.01	62.56 2.74 -31.28	59.44 2.71 -27.95	64.11 2.75 -31.43	65.76 3.75 -25.27	69.04 4.70 -29.29	75.44 5.01 -32.74	117.10 5.63 -68.17	116.75 6.29 -62.06	117.30 6.42 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	122.04 7.74 -59.38	122.00 8.35 -55.65	121.99 8.14 -58.49	117.30 7.26 -59.29	116.75 6.50 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.40 5.01 -32.47	71.21 4.38 -24.69
ASTORIA_GT_13 24227	67.74 3.55 -27.99	64.14 2.98 -30.71	62.59 2.77 -31.01	62.56 2.74 -31.28	59.44 2.71 -27.95	64.11 2.75 -31.43	65.76 3.75 -25.27	69.04 4.70 -29.29	75.44 5.01 -32.74	117.10 5.63 -68.17	116.75 6.29 -62.06	117.30 6.42 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	122.04 7.74 -59.38	122.00 8.35 -55.65	121.99 8.14 -58.49	117.30 7.26 -59.29	116.75 6.50 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.40 5.01 -32.47	71.21 4.38 -24.69
ASTORIA_GT_5 24106	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.10 6.22 -61.08	117.20 6.79 -58.97	121.82 7.30 -60.88	121.82 7.52 -59.38	121.77 8.12 -55.65	121.82 7.97 -58.49	117.09 7.05 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT_7 24107	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.10 6.22 -61.08	117.20 6.79 -58.97	121.82 7.30 -60.88	121.82 7.52 -59.38	121.77 8.12 -55.65	121.82 7.97 -58.49	117.09 7.05 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA_GT_8 24108	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.10 6.22 -61.08	117.20 6.79 -58.97	121.82 7.30 -60.88	121.82 7.52 -59.38	121.77 8.12 -55.65	121.82 7.97 -58.49	117.09 7.05 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69
ASTORIA___2 24149	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.88 3.89 -27.25	69.11 4.77 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.66 6.20 -62.06	117.10 6.22 -61.08	117.20 6.79 -58.97	121.82 7.30 -60.88	121.82 7.52 -59.38	121.77 8.12 -55.65	121.82 7.97 -58.49	117.09 7.05 -59.29	116.75 6.50 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.17 4.34 -24.69



ASTORIA___3 23516	67.67	64.11	62.56	62.53	59.41	64.08	65.72	69.00	75.22	116.80	116.46	116.96	117.05	121.65	121.66	121.60	121.66	116.94	116.47	116.34	105.88	102.63	75.21	71.09
	3.48	2.95	2.74	2.71	2.68	2.72	3.71	4.66	4.79	5.33	6.00	6.08	6.64	7.13	7.36	7.95	7.81	6.90	6.22	5.87	6.08	5.65	4.82	4.26
	-27.99	-30.71	-31.01	-31.28	-27.95	-31.43	-25.27	-29.29	-32.74	-68.17	-62.06	-61.08	-58.97	-60.88	-59.38	-55.65	-58.49	-59.29	-63.16	-65.63	-53.39	-53.50	-32.47	-24.69
ASTORIA___4 23517	67.85	64.24	62.64	62.62	59.46	64.17	67.88	69.11	75.48	117.14	116.66	117.10	117.20	121.82	121.82	121.77	121.82	117.09	116.75	116.48	106.06	102.89	75.32	71.17
	3.66	3.08	2.82	2.80	2.73	2.81	3.89	4.77	5.05	5.67	6.20	6.22	6.79	7.30	7.52	8.12	7.97	7.05	6.50	6.01	6.26	5.91	4.93	4.34
	-27.99	-30.71	-31.01	-31.28	-27.95	-31.43	-27.25	-29.29	-32.74	-68.17	-62.06	-61.08	-58.97	-60.88	-59.38	-55.65	-58.49	-59.29	-63.16	-65.63	-53.39	-53.50	-32.47	-24.69
ASTORIA___5 23518	67.77	64.21	62.59	62.56	59.41	64.14	67.77	68.97	75.25	116.84	116.37	116.81	116.89	121.44	121.49	121.42	121.49	116.79	116.42	116.21	105.79	102.63	75.09	70.96
	3.58	3.05	2.77	2.74	2.68	2.78	3.78	4.63	4.82	5.37	5.91	5.93	6.48	6.92	7.19	7.77	7.64	6.75	6.17	5.74	5.99	5.65	4.70	4.13
	-27.99	-30.71	-31.01	-31.28	-27.95	-31.43	-27.25	-29.29	-32.74	-68.17	-62.06	-61.08	-58.97	-60.88	-59.38	-55.65	-58.49	-59.29	-63.16	-65.63	-53.39	-53.50	-32.47	-24.69
ASTRIA 10-13___ 23663	67.74	64.14	62.59	62.56	59.44	64.11	65.76	69.04	75.44	117.10	116.75	117.30	117.35	121.98	122.04	122.00	121.99	117.30	116.75	116.57	106.16	102.89	75.40	71.21
	3.55	2.98	2.77	2.74	2.71	2.75	3.75	4.70	5.01	5.63	6.29	6.42	6.94	7.46	7.74	8.35	8.14	7.26	6.50	6.10	6.36	5.91	5.01	4.38
	-27.99	-30.71	-31.01	-31.28	-27.95	-31.43	-25.27	-29.29	-32.74	-68.17	-62.06	-61.08	-58.97	-60.88	-59.38	-55.65	-58.49	-59.29	-63.16	-65.63	-53.39	-53.50	-32.47	-24.69
ATHENS_STG_1 23668	38.08	32.03	30.31	30.05	30.25	31.37	38.65	37.54	48.05	46.29	51.74	53.19	55.14	57.50	58.93	60.37	59.62	54.61	50.33	48.07	49.80	46.65	40.65	44.42
	1.88	1.58	1.50	1.51	1.47	1.44	1.91	2.49	2.64	2.99	3.34	3.39	3.70	3.86	4.01	4.35	4.26	3.86	3.39	3.23	3.39	3.17	2.73	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.72	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	38.08	32.03	30.31	30.05	30.25	31.37	38.65	37.54	48.05	46.29	51.74	53.19	55.14	57.50	58.93	60.37	59.62	54.61	50.33	48.07	49.80	46.65	40.65	44.42
	1.88	1.58	1.50	1.51	1.47	1.44	1.91	2.49	2.64	2.99	3.34	3.39	3.70	3.86	4.01	4.35	4.26	3.86	3.39	3.23	3.39	3.17	2.73	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.72	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	38.08	32.03	30.31	30.05	30.25	31.37	38.65	37.54	48.05	46.29	51.74	53.19	55.14	57.50	58.93	60.37	59.62	54.61	50.33	48.07	49.80	46.65	40.65	44.42
	1.88	1.58	1.50	1.51	1.47	1.44	1.91	2.49	2.64	2.99	3.34	3.39	3.70	3.86	4.01	4.35	4.26	3.86	3.39	3.23	3.39	3.17	2.73	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.72	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
BARRETT 1-8___GRP4 24034	63.27	61.42	50.47	50.01	49.88	50.40	62.67	66.21	68.94	71.13	76.19	84.69	93.01	93.20	99.51	102.90	108.31	93.21	93.01	93.01	93.02	87.60	70.42	93.21
	3.48	2.95	2.91	2.88	2.85	2.90	3.71	4.56	4.79	5.24	5.91	6.08	6.64	7.24	7.36	7.89	7.75	6.90	6.22	5.92	6.22	5.70	4.70	4.09
	-23.59	-28.02	-18.75	-18.59	-18.25	-17.57	-22.22	-26.60	-26.46	-22.59	-21.88	-28.81	-34.93	-32.32	-37.23	-37.01	-45.20	-35.56	-39.70	-42.25	-40.39	-38.42	-27.80	-46.98
BARRETT 9-12___GRP3 24033	63.27	61.42	50.47	50.01	49.88	50.40	62.67	66.21	68.94	71.13	76.19	84.69	93.01	93.20	99.51	102.90	108.31	93.21	93.01	93.01	93.02	87.60	70.42	93.21
	3.48	2.95	2.91	2.88	2.85	2.90	3.71	4.56	4.79	5.24	5.91	6.08	6.64	7.24	7.36	7.89	7.75	6.90	6.22	5.92	6.22	5.70	4.70	4.09
	-23.59	-28.02	-18.75	-18.59	-18.25	-17.57	-22.22	-26.60	-26.46	-22.59	-21.88	-28.81	-34.93	-32.32	-37.23	-37.01	-45.20	-35.56	-39.70	-42.25	-40.39	-38.42	-27.80	-46.98
BARRETT_IC_1 23704	63.27	61.42	50.47	50.01	49.88	50.40	62.67	66.21	68.94	71.13	76.19	84.69	93.01	93.20	99.51	102.90	108.31	93.21	93.01	93.01	93.02	87.60	70.42	93.21
	3.48	2.95	2.91	2.88	2.85	2.90	3.71	4.56	4.79	5.24	5.91	6.08	6.64	7.24	7.36	7.89	7.75	6.90	6.22	5.92	6.22	5.70	4.70	4.09
	-23.59	-28.02	-18.75	-18.59	-18.25	-17.57	-22.22	-26.60	-26.46	-22.59	-21.88	-28.81	-34.93	-32.32	-37.23	-37.01	-45.20	-35.56	-39.70	-42.25	-40.39	-38.42	-27.80	-46.98
BARRETT_IC_10 23701	63.27	61.42	50.47	50.01	49.88	50.40	62.67	66.21	68.94	71.13	76.19	84.69	93.01	93.20	99.51	102.90	108.31	93.21	93.01	93.01	93.02	87.60	70.42	93.21
	3.48	2.95	2.91	2.88	2.85	2.90	3.71	4.56	4.79	5.24	5.91	6.08	6.64	7.24	7.36	7.89	7.75	6.90	6.22	5.92	6.22	5.70	4.70	4.09
	-23.59	-28.02	-18.75	-18.59	-18.25	-17.57	-22.22	-26.60	-26.46	-22.59	-21.88	-28.81	-34.93	-32.32	-37.23	-37.01	-45.20	-35.56	-39.70	-42.25	-40.39	-38.42	-27.80	-46.98
BARRETT_IC_11 23702	63.27	61.42	50.47	50.01	49.88	50.40	62.67	66.21	68.94	71.13	76.19	84.69	93.01	93.20	99.51	102.90	108.31	93.21	93.01	93.01	93.02	87.60	70.42	93.21
	3.48	2.95	2.91	2.88	2.85	2.90	3.71	4.56	4.79	5.24	5.91	6.08	6.64	7.24	7.36	7.89	7.75	6.90	6.22	5.92	6.22	5.70	4.70	4.09
	-23.59	-28.02	-18.75	-18.59	-18.25	-17.57	-22.22	-26.60	-26.46	-22.59	-21.88	-28.81	-34.93	-32.32	-37.23	-37.01	-45.20	-35.56	-39.70	-42.25	-40.39	-38.42	-27.80	-46.98
BARRETT_IC_12 23703	63.27	61.42	50.47	50.01	49.88	50.40	62.67	66.21	68.94	71.13	76.19	84.69	93.01	93.20	99.51	102.90	108.31	93.21	93.01	93.01	93.02	87.60	70.42	93.21
	3.48	2.95	2.91	2.88	2.85	2.90	3.71	4.56	4.79	5.24	5.91	6.08	6.64	7.24	7.36	7.89	7.75	6.90	6.22	5.92	6.22	5.70	4.70	4.09
	-23.59	-28.02	-18.75	-18.59	-18.25	-17.57	-22.22	-26.60	-26.46	-22.59	-21.88	-28.81	-34.93	-32.32	-37.23	-37.01	-45.20	-35.56	-39.70	-42.25	-40.39	-38.42	-27.80	-46.98
BARRETT_IC_2 23705	63.27	61.42	50.47	50.01	49.88	50.40	62.67	66.21	68.94	71.13	76.19	84.69	93.01	93.20	99.51	102.90	108.31	93.21	93.01	93.01	93.02	87.60	70.42	93.21
	3.48	2.95	2.91	2.88	2.85	2.90	3.71	4.56	4.79	5.24	5.91	6.08	6.64	7.24	7.36	7.89	7.75	6.90	6.22	5.92	6.22	5.70	4.70	4.09
	-23.59	-28.02	-18.75	-18.59	-18.25	-17.57	-22.22	-26.60	-26.46	-22.59	-21.88	-28.81	-34.93	-32.32	-37.23	-37.01	-45.20	-35.56	-39.70	-42.25	-40.39	-38.42	-27.80	-46.98
BARRETT_IC_3 23706	63.27	61.42	50.47	50.01	49.88	50.40	62.67	66.21	68.94	71.13	76.19	84.69	93.01	93.20	99.51	102.90	108.31	93.21	93.01	93.01	93.02	87.60	70.42	93.21
	3.48	2.95	2.91	2.88	2.85	2.90	3.71	4.56	4.79	5.24	5.91	6.08	6.64	7.24	7.36	7.89	7.75	6.90	6.22	5.92	6.22	5.70	4.70	4.09
	-23.59	-28.02	-18.75	-18.59	-18.25	-17.57	-22.22	-26.60	-26.46	-22.59	-21.88	-28.81	-34.93	-32.32	-37.23	-37.01	-45.20	-35.56	-39.70	-42.25	-40.39	-38.42	-27.80	-46.98
BARRETT_IC_4 23707	63.27	61.42	50.47	50.01	49.88	50.40	62.67	66.21	68.94	71.13	76.19	84.69	93.01	93.20	99.51	102.90	108.31	93.21	93.01	93.01	93.02	87.60	70.42	93.21
	3.48	2.95	2.91	2.88	2.85	2.90	3.71	4.56	4.79	5.24	5.91	6.08	6.64	7.24	7.36	7.89	7.75	6.90	6.22	5.92	6.22	5.70	4.70	4.09
	-23.59	-28.02	-18.75	-18.59	-18.25	-17.57	-22.22	-26.60	-26.46	-22.59	-21.88	-28.81	-34.93	-32.32	-37.23	-37.01	-45.20	-35.56	-39.70	-42.25	-40.39	-38.42	-27.80	-46.98



BARRETT_IC_5 23708	63.27 3.48 -23.59	61.42 2.95 -28.02	50.47 2.91 -18.75	50.01 2.88 -18.59	49.88 2.85 -18.25	50.40 2.90 -17.57	62.67 3.71 -22.22	66.21 4.56 -26.60	68.94 4.79 -26.46	71.13 5.24 -22.59	76.19 5.91 -21.88	84.69 6.08 -28.81	93.01 6.64 -34.93	93.20 7.24 -32.32	99.51 7.36 -37.23	102.90 7.89 -37.01	108.31 7.75 -45.20	93.21 6.90 -35.56	93.01 6.22 -39.70	93.01 5.92 -42.25	93.02 6.22 -40.39	87.60 5.70 -38.42	70.42 4.70 -27.80	93.21 4.09 -46.98
BARRETT_IC_6 23709	63.27 3.48 -23.59	61.42 2.95 -28.02	50.47 2.91 -18.75	50.01 2.88 -18.59	49.88 2.85 -18.25	50.40 2.90 -17.57	62.67 3.71 -22.22	66.21 4.56 -26.60	68.94 4.79 -26.46	71.13 5.24 -22.59	76.19 5.91 -21.88	84.69 6.08 -28.81	93.01 6.64 -34.93	93.20 7.24 -32.32	99.51 7.36 -37.23	102.90 7.89 -37.01	108.31 7.75 -45.20	93.21 6.90 -35.56	93.01 6.22 -39.70	93.01 5.92 -42.25	93.02 6.22 -40.39	87.60 5.70 -38.42	70.42 4.70 -27.80	93.21 4.09 -46.98
BARRETT_IC_7 23710	63.27 3.48 -23.59	61.42 2.95 -28.02	50.47 2.91 -18.75	50.01 2.88 -18.59	49.88 2.85 -18.25	50.40 2.90 -17.57	62.67 3.71 -22.22	66.21 4.56 -26.60	68.94 4.79 -26.46	71.13 5.24 -22.59	76.19 5.91 -21.88	84.69 6.08 -28.81	93.01 6.64 -34.93	93.20 7.24 -32.32	99.51 7.36 -37.23	102.90 7.89 -37.01	108.31 7.75 -45.20	93.21 6.90 -35.56	93.01 6.22 -39.70	93.01 5.92 -42.25	93.02 6.22 -40.39	87.60 5.70 -38.42	70.42 4.70 -27.80	93.21 4.09 -46.98
BARRETT_IC_8 23711	63.27 3.48 -23.59	61.42 2.95 -28.02	50.47 2.91 -18.75	50.01 2.88 -18.59	49.88 2.85 -18.25	50.40 2.90 -17.57	62.67 3.71 -22.22	66.21 4.56 -26.60	68.94 4.79 -26.46	71.13 5.24 -22.59	76.19 5.91 -21.88	84.69 6.08 -28.81	93.01 6.64 -34.93	93.20 7.24 -32.32	99.51 7.36 -37.23	102.90 7.89 -37.01	108.31 7.75 -45.20	93.21 6.90 -35.56	93.01 6.22 -39.70	93.01 5.92 -42.25	93.02 6.22 -40.39	87.60 5.70 -38.42	70.42 4.70 -27.80	93.21 4.09 -46.98
BARRETT_IC_9 23700	63.27 3.48 -23.59	61.42 2.95 -28.02	50.47 2.91 -18.75	50.01 2.88 -18.59	49.88 2.85 -18.25	50.40 2.90 -17.57	62.67 3.71 -22.22	66.21 4.56 -26.60	68.94 4.79 -26.46	71.13 5.24 -22.59	76.19 5.91 -21.88	84.69 6.08 -28.81	93.01 6.64 -34.93	93.20 7.24 -32.32	99.51 7.36 -37.23	102.90 7.89 -37.01	108.31 7.75 -45.20	93.21 6.90 -35.56	93.01 6.22 -39.70	93.01 5.92 -42.25	93.02 6.22 -40.39	87.60 5.70 -38.42	70.42 4.70 -27.80	93.21 4.09 -46.98
BARRETT___1 23545	63.16 3.37 -23.59	61.33 2.86 -28.02	50.38 2.82 -18.75	49.95 2.82 -18.59	49.82 2.79 -18.25	50.31 2.81 -17.57	62.60 3.64 -22.22	66.00 4.35 -26.60	68.63 4.48 -26.46	70.78 4.89 -22.59	75.80 5.52 -21.88	84.29 5.68 -28.81	92.59 6.22 -34.93	92.77 6.81 -32.32	99.02 6.87 -37.23	102.43 7.42 -37.01	107.81 7.25 -45.20	92.81 6.50 -35.56	92.68 5.89 -39.70	92.74 5.65 -42.25	92.65 5.85 -40.39	87.25 5.35 -38.42	70.12 4.40 -27.80	93.04 3.92 -46.98
BARRETT___2 23546	56.32 3.40 -16.72	54.78 2.89 -21.44	50.41 2.85 -18.75	49.95 2.82 -18.59	49.82 2.79 -18.25	50.32 2.84 -17.55	55.13 3.64 -14.75	58.33 4.49 -18.79	59.84 4.64 -17.51	61.30 5.02 -12.98	69.39 5.61 -15.38	73.17 5.83 -17.54	83.47 6.28 -25.75	92.77 6.81 -32.32	99.07 6.92 -37.23	102.49 7.48 -37.01	107.87 7.31 -45.20	92.81 6.50 -35.56	91.13 5.89 -38.15	76.36 5.60 -25.92	79.84 5.85 -27.58	75.00 5.39 -26.13	69.12 4.40 -26.80	68.09 3.79 -22.16
BEAVER RIVER___HYD 24048	36.42 0.22 0.00	30.57 0.12 0.00	28.87 0.06 0.00	28.60 0.06 0.00	28.84 0.06 0.00	30.14 0.21 0.00	37.07 0.33 0.00	33.51 -1.54 0.00	36.53 -1.39 -0.23	42.22 -1.08 0.00	47.38 -1.02 0.00	48.80 -1.00 0.00	50.00 -1.44 0.00	52.35 -1.29 0.00	54.59 -0.33 0.00	57.54 -0.46 0.00	54.86 -0.50 0.00	50.29 -0.46 0.00	46.57 -0.52 0.00	44.26 -0.58 0.00	46.04 -0.37 0.00	43.13 -0.35 0.00	37.77 -0.15 0.00	42.39 0.25 0.00
BEEBEE_GT_13 23619	37.90 1.70 0.00	31.76 1.31 0.00	29.85 1.04 0.00	29.65 1.11 0.00	29.87 1.09 0.00	31.49 1.56 0.00	37.81 1.07 0.00	35.96 0.91 0.00	38.84 0.34 -0.81	44.17 0.87 0.00	49.61 1.21 0.00	51.19 1.39 0.00	51.75 0.31 0.00	54.55 0.91 0.00	55.80 0.88 0.00	58.17 0.17 0.00	56.80 1.44 0.00	52.02 1.27 0.00	47.28 0.19 0.00	45.74 0.90 0.00	47.99 1.58 0.00	44.44 0.96 0.00	40.23 2.31 0.00	43.40 1.26 0.00
BETHLEHEM___STEEL 23779	32.76 -3.44 0.00	27.68 -2.77 0.00	25.90 -2.91 0.00	25.77 -2.77 0.00	25.99 -2.79 0.00	27.60 -2.33 0.00	32.55 -4.19 0.00	32.63 -2.42 0.00	35.47 -3.35 -1.13	39.58 -3.72 0.00	43.95 -4.45 0.00	45.52 -4.28 0.00	46.14 -5.30 0.00	49.08 -4.56 0.00	50.36 -4.56 0.00	52.03 -5.97 0.00	51.26 -4.10 0.00	47.25 -3.50 0.00	42.38 -4.71 0.00	40.58 -4.26 0.00	42.74 -3.67 0.00	39.65 -3.83 0.00	36.18 -1.74 0.00	37.80 -4.34 0.00
BINGHAMTON___COGEN 23790	35.73 -0.47 0.00	30.12 -0.33 0.00	28.32 -0.49 0.00	28.11 -0.43 0.00	28.35 -0.43 0.00	29.75 -0.18 0.00	36.19 -0.55 0.00	35.58 0.53 0.00	40.34 0.34 -2.31	43.82 0.52 0.00	48.98 0.58 0.00	50.70 0.90 0.00	52.11 0.67 0.00	54.93 1.29 0.00	56.29 1.37 0.00	59.04 1.04 0.00	56.91 1.55 0.00	52.27 1.52 0.00	47.48 0.38 -0.01	45.15 0.31 0.00	47.01 0.60 0.00	43.91 0.43 0.00	38.87 0.95 0.00	41.55 -0.59 0.00
BLACK RIVER___HYD 24047	36.42 0.22 0.00	30.54 0.09 0.00	28.81 0.00 0.00	28.51 -0.03 0.00	28.75 -0.03 0.00	30.11 0.18 0.00	37.11 0.37 0.00	33.75 -1.30 0.00	36.84 -1.17 -0.32	42.65 -0.65 0.00	47.82 -0.58 0.00	49.30 -0.50 0.00	50.36 -1.08 0.00	52.73 -0.91 0.00	54.65 -0.27 0.00	57.54 -0.46 0.00	54.97 -0.39 0.00	50.34 -0.41 0.00	46.48 -0.61 0.00	44.21 -0.63 0.00	45.99 -0.42 0.00	42.96 -0.52 0.00	37.81 -0.11 0.00	42.39 0.25 0.00
BLUE_CIRC_CHEM_DRP 24182	37.97 1.77 0.00	31.94 1.49 0.00	30.19 1.38 0.00	29.91 1.37 0.00	30.13 1.35 0.00	31.31 1.38 0.00	38.32 1.58 0.00	37.01 1.96 0.00	48.56 2.11 -8.76	45.77 2.47 0.00	51.11 2.71 0.00	52.54 2.74 0.00	54.32 2.88 0.00	56.64 3.00 0.00	58.05 3.13 0.00	61.31 3.31 0.00	58.63 3.27 0.00	53.74 2.99 0.00	49.71 2.59 -0.03	47.31 2.47 0.00	49.01 2.60 0.00	45.87 2.39 0.00	40.04 2.12 0.00	43.95 1.81 0.00
BOC_GAS_DRP 24189	37.83 1.63 0.00	31.79 1.34 0.00	30.08 1.27 0.00	29.82 1.28 0.00	30.02 1.24 0.00	31.19 1.26 0.00	38.28 1.54 0.00	36.98 1.93 0.00	48.58 2.04 -8.85	45.68 2.38 0.00	50.97 2.57 0.00	52.44 2.64 0.00	54.22 2.78 0.00	56.54 2.90 0.00	57.89 2.97 0.00	61.03 3.19 0.16	58.52 3.16 0.00	53.64 2.89 0.00	49.61 2.50 -0.02	47.26 2.42 0.00	48.96 2.55 0.00	45.87 2.39 0.00	40.01 2.09 0.00	43.91 1.77 0.00
BORALEX_4TH_BRANCH 23824	38.63 2.43 0.00	32.46 2.01 0.00	30.68 1.87 0.00	30.39 1.85 0.00	30.62 1.84 0.00	31.82 1.89 0.00	39.09 2.35 0.00	37.71 2.66 0.00	49.39 2.83 -8.87	46.63 3.33 0.00	52.03 3.63 0.00	53.48 3.68 0.00	55.25 3.81 0.00	57.56 3.92 0.00	58.93 4.01 0.00	62.65 4.18 -0.47	59.46 4.10 0.00	54.56 3.81 0.00	50.47 3.30 -0.08	48.07 3.23 0.00	49.84 3.43 0.00	46.65 3.17 0.00	40.73 2.81 0.00	44.75 2.61 0.00
BOWLINE___1 23526	38.70 2.50 0.00	32.58 2.13 0.00	30.77 1.96 0.00	30.48 1.94 0.00	30.68 1.90 0.00	31.82 1.89 0.00	39.46 2.72 0.00	38.77 3.72 0.00	48.42 3.92 -6.81	47.67 4.37 0.00	53.39 4.99 0.00	54.83 5.03 0.00	57.05 5.61 0.00	59.65 6.01 0.00	61.18 6.26 0.00	69.19 6.79 -4.40	62.00 6.64 0.00	56.59 5.84 0.00	52.70 5.18 -0.43	49.68 4.84 0.00	51.47 5.06 0.00	48.13 4.65 0.00	41.79 3.87 0.00	45.39 3.25 0.00



BOWLINE___2 23595	38.70 2.50 0.00	32.58 2.13 0.00	30.77 1.96 0.00	30.48 1.94 0.00	30.68 1.90 0.00	31.82 1.89 0.00	39.46 2.72 0.00	38.77 3.72 0.00	48.42 3.92 -6.81	47.67 4.37 0.00	53.39 4.99 0.00	54.83 5.03 0.00	57.05 5.61 0.00	59.65 6.01 0.00	61.18 6.26 0.00	69.19 6.79 -4.40	62.00 6.64 0.00	56.59 5.84 0.00	52.70 5.18 -0.43	49.68 4.84 0.00	51.47 5.06 0.00	48.13 4.65 0.00	41.79 3.87 0.00	45.39 3.25 0.00
BROOKHAVEN___DRP 24191	53.33 3.91 -13.22	51.82 3.29 -18.08	50.59 3.03 -18.75	50.14 3.02 -18.58	50.01 2.99 -18.24	50.46 2.99 -17.54	51.69 4.00 -10.95	54.72 4.87 -14.80	56.21 5.01 -13.51	58.53 5.50 -9.73	67.79 6.10 -13.29	69.70 5.98 -13.92	81.03 6.79 -22.80	93.04 7.08 -32.32	99.62 7.47 -37.23	103.01 8.00 -37.01	108.53 7.97 -45.20	93.36 7.05 -35.56	90.99 6.26 -37.64	71.29 5.78 -20.67	75.95 6.08 -23.46	71.37 5.70 -22.19	69.41 5.01 -26.48	56.20 4.55 -9.51
BROOKLYN_NAVY_YARD 23515	56.01 3.51 -16.30	54.79 2.95 -21.39	46.24 2.74 -14.69	31.25 2.71 0.00	31.46 2.68 0.00	34.85 2.72 -2.20	55.67 3.71 -15.22	56.04 4.70 -16.29	57.89 5.01 -15.19	63.01 5.63 -14.08	63.37 6.34 -8.63	63.01 6.47 -6.74	62.39 7.05 -3.90	61.69 7.56 -0.49	62.72 7.80 0.00	71.12 8.41 -4.71	63.61 8.25 0.00	62.51 7.31 -4.45	61.61 6.55 -7.97	58.18 6.14 -7.20	58.53 6.40 -5.72	57.93 5.96 -8.49	57.47 5.01 -14.54	66.64 4.38 -20.12
BURROWS___LYONSDAL 23803	36.89 0.69 0.00	31.00 0.55 0.00	29.27 0.46 0.00	28.97 0.43 0.00	29.21 0.43 0.00	30.50 0.57 0.00	37.51 0.77 0.00	35.68 0.63 0.00	38.41 0.72 0.00	44.43 1.13 0.00	49.66 1.26 0.00	51.14 1.34 0.00	52.62 1.18 0.00	54.98 1.34 0.00	55.85 0.93 0.00	58.81 0.81 0.00	56.25 0.89 0.00	51.51 0.76 0.00	47.61 0.52 0.00	45.29 0.45 0.00	47.01 0.60 0.00	43.96 0.48 0.00	38.56 0.64 0.00	42.94 0.80 0.00
CALPINE BETH_PAGE_GT4 24209	53.99 3.80 -13.99	52.47 3.20 -18.82	50.53 2.97 -18.75	50.09 2.97 -18.58	49.96 2.94 -18.24	50.47 2.99 -17.55	52.57 4.04 -11.79	55.74 5.01 -15.68	57.44 5.24 -14.51	59.97 5.89 -10.78	68.79 6.39 -14.00	71.47 6.52 -15.15	82.49 7.25 -23.80	93.63 7.67 -32.32	100.17 8.02 -37.23	103.59 8.58 -37.01	109.03 8.47 -45.20	93.82 7.51 -35.56	91.59 6.69 -37.81	73.52 6.23 -22.45	77.81 6.54 -24.86	73.05 6.04 -23.53	69.55 5.04 -26.59	59.12 4.68 -12.30
CALPINE_BP_GT1 23823	53.99 3.80 -13.99	52.47 3.20 -18.82	50.53 2.97 -18.75	50.09 2.97 -18.58	49.96 2.94 -18.24	50.47 2.99 -17.55	52.57 4.04 -11.79	55.74 5.01 -15.68	57.44 5.24 -14.51	59.97 5.89 -10.78	68.79 6.39 -14.00	71.47 6.52 -15.15	82.49 7.25 -23.80	93.63 7.67 -32.32	100.17 8.02 -37.23	103.59 8.58 -37.01	109.03 8.47 -45.20	93.82 7.51 -35.56	91.59 6.69 -37.81	73.52 6.23 -22.45	77.81 6.54 -24.86	73.05 6.04 -23.53	69.55 5.04 -26.59	59.12 4.68 -12.30
CALSPAN___DRP 24200	32.76 -3.44 0.00	27.68 -2.77 0.00	25.90 -2.91 0.00	25.77 -2.77 0.00	25.99 -2.79 0.00	27.60 -2.33 0.00	32.55 -4.19 0.00	32.63 -2.42 0.00	35.47 -3.35 -1.13	39.58 -3.72 0.00	43.95 -4.45 0.00	45.52 -4.28 0.00	46.14 -5.30 0.00	49.08 -4.56 0.00	50.36 -4.56 0.00	52.03 -5.97 0.00	51.26 -4.10 0.00	47.25 -3.50 0.00	42.38 -4.71 0.00	40.58 -4.26 0.00	42.74 -3.67 0.00	39.65 -3.83 0.00	36.18 -1.74 0.00	37.80 -4.34 0.00
CARR STREET_E__SYR 24060	35.95 -0.25 0.00	30.21 -0.24 0.00	28.49 -0.32 0.00	28.23 -0.31 0.00	28.43 -0.35 0.00	29.75 -0.18 0.00	36.48 -0.26 0.00	35.05 0.00 0.00	38.18 0.00 -0.49	43.56 0.26 0.00	48.64 0.24 0.00	50.15 0.35 0.00	51.44 0.00 0.00	53.85 0.21 0.00	55.14 0.22 0.00	57.94 -0.06 0.00	55.64 0.28 0.00	51.00 0.25 0.00	46.85 -0.24 0.00	44.66 -0.18 0.00	46.46 0.05 0.00	43.44 -0.04 0.00	38.26 0.34 0.00	41.76 -0.38 0.00
CARTHAGE___PAPER 23857	36.42 0.22 0.00	30.57 0.12 0.00	28.84 0.03 0.00	28.54 0.00 0.00	28.78 0.00 0.00	30.11 0.18 0.00	37.11 0.37 0.00	33.58 -1.47 0.00	36.67 -1.32 -0.30	42.39 -0.91 0.00	47.58 -0.82 0.00	49.00 -0.80 0.00	50.10 -1.34 0.00	52.46 -1.18 0.00	54.59 -0.33 0.00	57.54 -0.46 0.00	54.92 -0.44 0.00	50.29 -0.46 0.00	46.52 -0.57 0.00	44.21 -0.63 0.00	45.99 -0.42 0.00	43.00 -0.48 0.00	37.77 -0.15 0.00	42.39 0.25 0.00
CE_DUNWOOD___DRP 24194	39.73 2.90 -0.63	33.75 2.47 -0.83	31.66 2.28 -0.57	30.79 2.25 0.00	31.00 2.22 0.00	32.24 2.22 -0.09	40.45 3.12 -0.59	39.78 4.10 -0.63	49.35 4.37 -7.29	47.65 4.89 0.54	53.59 5.52 0.33	55.12 5.58 0.26	57.46 6.17 0.15	60.22 6.60 0.02	61.73 6.81 0.00	70.13 7.42 -4.71	62.61 7.25 0.00	56.97 6.39 0.17	52.96 5.70 -0.17	50.50 5.38 -0.28	52.25 5.62 -0.22	48.98 5.17 -0.33	42.80 4.32 -0.56	46.63 3.71 -0.78
CE_MILLWOOD___DRP 24193	39.45 2.75 -0.50	33.41 2.31 -0.65	31.42 2.16 -0.45	30.68 2.14 0.00	30.85 2.07 0.00	32.10 2.10 -0.07	40.18 2.98 -0.46	39.48 3.93 -0.50	49.07 4.18 -7.20	47.56 4.68 0.42	53.42 5.28 0.26	54.98 5.38 0.20	57.24 5.92 0.12	60.01 6.38 0.01	61.51 6.59 0.00	69.89 7.19 -4.70	62.45 7.09 0.00	56.81 6.19 0.13	52.83 5.51 -0.23	50.22 5.16 -0.22	51.96 5.38 -0.17	48.74 5.00 -0.26	42.49 4.13 -0.44	46.25 3.50 -0.61
CE_NYC2_DRP 24202	67.70 3.51 -27.99	64.14 2.98 -30.71	62.59 2.77 -31.01	62.56 2.74 -31.28	59.44 2.71 -27.95	64.08 2.72 -31.43	65.72 3.71 -25.27	69.04 4.70 -29.29	75.44 5.01 -32.74	117.06 5.59 -68.17	116.75 6.29 -62.06	117.30 6.42 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	122.04 7.74 -59.38	122.00 8.35 -55.65	121.99 8.14 -58.49	117.30 7.26 -59.29	116.75 6.50 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.40 5.01 -32.47	71.17 4.34 -24.69
CE_NYC_DRP 24195	55.22 3.48 -15.54	53.75 2.92 -20.38	45.52 2.71 -14.00	31.25 2.71 0.00	31.43 2.65 0.00	34.71 2.69 -2.09	54.91 3.67 -14.50	55.24 4.66 -15.53	57.46 4.97 -14.80	63.63 5.59 -14.74	63.72 6.29 -9.03	63.28 6.42 -7.06	62.53 7.00 -4.09	61.67 7.51 -0.52	62.66 7.74 0.00	71.06 8.35 -4.71	63.55 8.19 0.00	62.66 7.26 -4.65	61.86 6.45 -8.32	57.80 6.10 -6.86	58.22 6.36 -5.45	57.44 5.87 -8.09	56.75 4.97 -13.86	65.65 4.34 -19.17
CH_MIDHUDSON___DRP 24192	38.44 2.24 0.00	32.40 1.95 0.00	30.63 1.82 0.00	30.34 1.80 0.00	30.54 1.76 0.00	31.61 1.68 0.00	39.20 2.46 0.00	38.52 3.47 0.00	48.78 3.69 -7.40	47.37 4.07 0.00	53.05 4.65 0.00	54.48 4.68 0.00	56.69 5.25 0.00	59.22 5.58 0.00	60.80 5.88 0.00	67.89 6.38 -3.51	61.62 6.26 0.00	56.23 5.48 0.00	52.34 4.90 -0.35	49.37 4.53 0.00	51.14 4.73 0.00	47.83 4.35 0.00	41.52 3.60 0.00	45.09 2.95 0.00
CH_MISC_IPPS 23765	37.68 1.48 0.00	31.82 1.37 0.00	30.16 1.35 0.00	29.91 1.37 0.00	30.05 1.27 0.00	31.04 1.11 0.00	38.50 1.76 0.00	37.96 2.91 0.00	47.92 3.09 -7.14	46.63 3.33 0.00	52.32 3.92 0.00	53.68 3.88 0.00	56.02 4.58 0.00	58.47 4.83 0.00	60.08 5.16 0.00	67.36 5.68 -3.68	60.95 5.59 0.00	55.47 4.72 0.00	51.75 4.29 -0.37	48.70 3.86 0.00	50.40 3.99 0.00	47.09 3.61 0.00	40.80 2.88 0.00	44.25 2.11 0.00
CH_RES_BVR_FALLS 23983	35.91 -0.29 0.00	30.21 -0.24 0.00	28.58 -0.23 0.00	28.31 -0.23 0.00	28.58 -0.20 0.00	29.69 -0.24 0.00	36.48 -0.26 0.00	34.91 -0.14 0.00	37.16 -0.11 0.42	43.17 -0.13 0.00	48.25 -0.15 0.00	49.65 -0.15 0.00	51.29 -0.15 0.00	53.48 -0.16 0.00	54.70 -0.22 0.00	57.42 -0.58 0.00	54.58 -0.78 0.00	50.04 -0.71 0.00	46.62 -0.47 0.00	44.39 -0.45 0.00	45.90 -0.51 0.00	43.05 -0.43 0.00	37.39 -0.53 0.00	41.80 -0.34 0.00



CH_RES_NIAGARA 23895	32.36 -3.84 0.00	27.25 -3.20 0.00	25.61 -3.20 0.00	25.46 -3.08 0.00	25.64 -3.14 0.00	27.15 -2.78 0.00	31.96 -4.78 0.00	31.54 -3.51 0.00	34.14 -4.56 -1.01	38.10 -5.20 0.00	42.30 -6.10 0.00	43.58 -6.22 0.00	44.08 -7.36 0.00	46.67 -6.97 0.00	47.95 -6.97 0.00	49.42 -8.58 0.00	48.94 -6.42 0.00	45.12 -5.63 0.00	40.83 -6.26 0.00	39.19 -5.65 0.00	41.40 -5.01 0.00	38.31 -5.17 0.00	35.04 -2.88 0.00	37.21 -4.93 0.00
CH_RES_SYRACUSE 23985	35.69 -0.51 0.00	30.02 -0.43 0.00	28.32 -0.49 0.00	28.03 -0.51 0.00	28.26 -0.52 0.00	29.57 -0.36 0.00	36.23 -0.51 0.00	34.87 -0.18 0.00	38.14 -0.19 -0.64	43.30 0.00 0.00	48.45 0.05 0.00	49.95 0.15 0.00	51.23 -0.21 0.00	53.53 -0.11 0.00	54.81 -0.11 0.00	57.59 -0.41 0.00	55.36 0.00 0.00	50.80 0.05 0.00	46.67 -0.42 0.00	44.48 -0.36 0.00	46.22 -0.19 0.00	43.22 -0.26 0.00	38.03 0.11 0.00	41.47 -0.67 0.00
CORNELL____ 23752	34.10 -2.10 0.00	28.71 -1.74 0.00	26.97 -1.84 0.00	26.74 -1.80 0.00	26.94 -1.84 0.00	28.34 -1.59 0.00	34.68 -2.06 0.00	33.51 -1.54 0.00	37.53 -1.43 -1.27	42.13 -1.17 0.00	47.24 -1.16 -0.95	48.85 -0.95 -1.65	49.79 -1.65 -1.23	52.41 -1.26 -1.26	53.66 -1.26 -1.80	56.20 -1.22 0.00	54.14 -1.22 0.00	49.23 -1.52 0.00	44.88 -2.21 0.00	42.69 -2.15 0.00	44.55 -1.86 0.00	41.52 -1.96 0.00	36.82 -1.10 0.00	39.65 -2.49 0.00
COXSACKIE___GT 23611	37.18 0.98 0.00	31.30 0.85 0.00	29.56 0.75 0.00	29.25 0.71 0.00	29.41 0.63 0.00	30.44 0.51 0.00	38.03 1.29 0.00	37.57 2.52 0.00	48.25 2.75 -7.81	46.11 2.81 0.00	51.98 3.58 0.00	53.29 3.49 0.00	55.71 4.27 0.00	58.04 4.40 0.00	59.86 4.94 0.00	64.70 5.16 -1.54	60.45 5.09 0.00	55.01 4.26 0.00	51.17 3.91 -0.17	47.98 3.14 0.00	49.70 3.29 0.00	46.26 2.78 0.00	40.12 2.20 0.00	43.57 1.43 0.00
CRESCENT___HYD 24018	38.84 2.64 0.00	32.61 2.16 0.00	30.83 2.02 0.00	30.54 2.00 0.00	30.77 1.99 0.00	32.00 2.07 0.00	39.28 2.54 0.00	37.78 2.73 0.00	49.54 2.94 -8.91	46.76 3.46 0.00	52.13 3.73 0.00	53.58 3.78 0.00	55.25 3.81 0.00	57.56 3.92 0.00	58.98 4.06 0.00	62.42 4.18 -0.24	59.46 4.10 0.00	54.51 3.76 0.00	50.40 3.25 -0.06	48.02 3.18 0.00	49.84 3.43 0.00	46.65 3.17 0.00	40.76 2.84 0.00	44.88 2.74 0.00
CRUCIBLE_METL_DRP 24180	35.69 -0.51 0.00	30.02 -0.43 0.00	28.32 -0.49 0.00	28.03 -0.51 0.00	28.26 -0.52 0.00	29.57 -0.36 0.00	36.23 -0.51 0.00	34.87 -0.18 0.00	38.14 -0.19 -0.64	43.30 0.00 0.00	48.45 0.05 0.00	49.95 0.15 0.00	51.23 -0.21 0.00	53.53 -0.11 0.00	54.81 -0.11 0.00	57.59 -0.41 0.00	55.36 0.00 0.00	50.80 0.05 0.00	46.67 -0.42 0.00	44.48 -0.36 0.00	46.22 -0.19 0.00	43.22 -0.26 0.00	38.03 0.11 0.00	41.47 -0.67 0.00
CSC____481_PGEN 24222	53.33 3.91 -13.22	51.82 3.29 -18.08	50.61 3.05 -18.75	50.14 3.02 -18.58	50.01 2.99 -18.24	50.46 2.99 -17.54	51.73 4.04 -10.95	54.72 4.87 -14.80	56.14 4.94 -13.51	58.36 5.33 -9.73	67.45 5.76 -13.29	69.40 5.68 -13.92	80.72 6.48 -22.80	92.72 6.76 -32.32	99.29 7.14 -37.23	102.67 7.66 -37.01	108.20 7.64 -45.20	93.01 6.70 -35.56	90.66 5.93 -37.64	71.03 5.52 -20.67	75.67 5.80 -23.46	71.10 5.43 -22.19	69.29 4.89 -26.48	56.16 4.51 -9.51
DANSKAMMER___1 23586	37.68 1.48 0.00	31.82 1.37 0.00	30.16 1.35 0.00	29.91 1.37 0.00	30.05 1.27 0.00	31.04 1.11 0.00	38.50 1.76 0.00	37.96 2.91 0.00	47.92 3.09 -7.14	46.63 3.33 0.00	52.32 3.92 0.00	53.68 3.88 0.00	56.02 4.58 0.00	58.47 4.83 0.00	60.08 5.16 0.00	67.36 5.68 -3.68	60.95 5.59 0.00	55.47 4.72 0.00	51.75 4.29 -0.37	48.70 3.86 0.00	50.40 3.99 0.00	47.09 3.61 0.00	40.80 2.88 0.00	44.25 2.11 0.00
DANSKAMMER___2 23589	37.68 1.48 0.00	31.82 1.37 0.00	30.16 1.35 0.00	29.91 1.37 0.00	30.05 1.27 0.00	31.04 1.11 0.00	38.50 1.76 0.00	37.96 2.91 0.00	47.92 3.09 -7.14	46.63 3.33 0.00	52.32 3.92 0.00	53.68 3.88 0.00	56.02 4.58 0.00	58.47 4.83 0.00	60.08 5.16 0.00	67.36 5.68 -3.68	60.95 5.59 0.00	55.47 4.72 0.00	51.75 4.29 -0.37	48.70 3.86 0.00	50.40 3.99 0.00	47.09 3.61 0.00	40.80 2.88 0.00	44.25 2.11 0.00
DANSKAMMER___3 23590	37.54 1.34 0.00	31.70 1.25 0.00	30.05 1.24 0.00	29.82 1.28 0.00	29.96 1.18 0.00	30.92 0.99 0.00	38.39 1.65 0.00	37.78 2.73 0.00	47.77 2.94 -7.14	46.46 3.16 0.00	52.13 3.73 0.00	53.48 3.68 0.00	55.81 4.37 0.00	58.25 4.61 0.00	59.86 4.94 0.00	67.13 5.45 -3.68	60.73 5.37 0.00	55.27 4.52 0.00	51.56 4.10 -0.37	48.52 3.68 0.00	50.22 3.81 0.00	46.91 3.43 0.00	40.61 2.69 0.00	44.08 1.94 0.00
DANSKAMMER___4 23591	37.54 1.34 0.00	31.73 1.28 0.00	30.11 1.30 0.00	29.85 1.31 0.00	29.99 1.21 0.00	30.95 1.02 0.00	38.36 1.62 0.00	37.78 2.73 0.00	47.77 2.94 -7.14	46.42 3.12 0.00	52.08 3.68 0.00	53.44 3.64 0.00	55.76 4.32 0.00	58.25 4.61 0.00	59.81 4.89 0.00	67.07 5.39 -3.68	60.67 5.31 0.00	55.27 4.52 0.00	51.56 4.10 -0.37	48.52 3.68 0.00	50.22 3.81 0.00	46.91 3.43 0.00	40.61 2.69 0.00	44.08 1.94 0.00
DANSKAMMER___DIESEL 23592	37.68 1.48 0.00	31.82 1.37 0.00	30.16 1.35 0.00	29.91 1.37 0.00	30.05 1.27 0.00	31.04 1.11 0.00	38.50 1.76 0.00	37.96 2.91 0.00	47.92 3.09 -7.14	46.63 3.33 0.00	52.32 3.92 0.00	53.68 3.88 0.00	56.02 4.58 0.00	58.47 4.83 0.00	60.08 5.16 0.00	67.36 5.68 -3.68	60.95 5.59 0.00	55.47 4.72 0.00	51.75 4.29 -0.37	48.70 3.86 0.00	50.40 3.99 0.00	47.09 3.61 0.00	40.80 2.88 0.00	44.25 2.11 0.00
DASHVILLE___HYD 23610	38.05 1.85 0.00	32.06 1.61 0.00	30.34 1.53 0.00	30.05 1.51 0.00	30.22 1.44 0.00	31.25 1.32 0.00	38.91 2.17 0.00	38.45 3.40 0.00	48.50 3.62 -7.19	47.20 3.90 0.00	52.95 4.55 0.00	54.33 4.53 0.00	56.74 5.30 0.00	59.27 5.63 0.00	60.91 5.99 0.00	66.91 6.50 -2.41	61.73 6.37 0.00	56.23 5.48 0.00	52.28 4.94 -0.25	49.28 4.44 0.00	51.00 4.59 0.00	47.65 4.17 0.00	41.30 3.38 0.00	44.71 2.57 0.00
DOGLEVILLE___HYD 23807	38.63 2.43 0.00	32.40 1.95 0.00	30.57 1.76 0.00	30.28 1.74 0.00	30.54 1.76 0.00	31.94 2.01 0.00	39.39 2.65 0.00	37.75 2.70 0.00	40.52 3.02 0.19	47.02 3.72 0.00	52.66 4.26 0.00	54.28 4.48 0.00	55.92 4.48 0.00	58.52 4.88 0.00	60.08 5.16 0.00	63.28 5.28 0.00	60.56 5.20 0.00	55.52 4.77 0.00	51.19 4.10 0.00	48.70 3.86 0.00	50.54 4.13 0.00	47.13 3.65 0.00	41.14 3.22 0.00	45.17 3.03 0.00
DUNKIRK___1 23563	32.00 -4.20 0.00	27.40 -3.05 0.00	25.53 -3.28 0.00	25.49 -3.05 0.00	25.67 -3.11 0.00	27.42 -2.51 0.00	32.04 -4.70 0.00	32.74 -2.31 0.00	35.79 -3.13 -1.23	39.88 -3.42 0.00	44.33 -4.07 0.00	46.26 -3.54 0.00	47.02 -4.42 0.00	50.42 -3.22 0.00	51.73 -3.19 0.00	53.48 -4.52 0.00	52.54 -2.82 0.00	48.42 -2.33 0.00	42.80 -4.29 0.00	40.76 -4.08 0.00	42.88 -3.53 0.00	39.87 -3.61 0.00	36.37 -1.55 0.00	37.12 -5.02 0.00
DUNKIRK___2 23564	32.00 -4.20 0.00	27.40 -3.05 0.00	25.53 -3.28 0.00	25.49 -3.05 0.00	25.67 -3.11 0.00	27.42 -2.51 0.00	32.04 -4.70 0.00	32.74 -2.31 0.00	35.79 -3.13 -1.23	39.88 -3.42 0.00	44.33 -4.07 0.00	46.26 -3.54 0.00	47.02 -4.42 0.00	50.42 -3.22 0.00	51.73 -3.19 0.00	53.48 -4.52 0.00	52.54 -2.82 0.00	48.42 -2.33 0.00	42.80 -4.29 0.00	40.76 -4.08 0.00	42.88 -3.53 0.00	39.87 -3.61 0.00	36.37 -1.55 0.00	37.12 -5.02 0.00



DUNKIRK___3 23565	32.25 -3.95 0.00	27.53 -2.92 0.00	25.64 -3.17 0.00	25.60 -2.94 0.00	25.79 -2.99 0.00	27.51 -2.42 0.00	32.26 -4.48 0.00	32.81 -2.24 0.00	35.85 -3.09 -1.25	39.92 -3.38 0.00	44.38 -4.02 0.00	46.26 -3.54 0.00	46.96 -4.48 0.00	50.26 -3.38 0.00	51.57 -3.35 0.00	53.36 -4.64 0.00	52.43 -2.93 0.00	48.31 -2.44 0.00	42.85 -4.24 0.00	40.85 -3.99 0.00	42.98 -3.43 0.00	39.96 -3.52 0.00	36.40 -1.52 0.00	37.38 -4.76 0.00
DUNKIRK___4 23566	32.25 -3.95 0.00	27.53 -2.92 0.00	25.64 -3.17 0.00	25.60 -2.94 0.00	25.79 -2.99 0.00	27.51 -2.42 0.00	32.26 -4.48 0.00	32.81 -2.24 0.00	35.85 -3.09 -1.25	39.92 -3.38 0.00	44.38 -4.02 0.00	46.26 -3.54 0.00	46.96 -4.48 0.00	50.26 -3.38 0.00	51.57 -3.35 0.00	53.36 -4.64 0.00	52.43 -2.93 0.00	48.31 -2.44 0.00	42.85 -4.24 0.00	40.85 -3.99 0.00	42.98 -3.43 0.00	39.96 -3.52 0.00	36.40 -1.52 0.00	37.38 -4.76 0.00
EAST HAMPTON___GT 23717	55.21 5.79 -13.22	53.28 4.75 -18.08	51.88 4.32 -18.75	51.40 4.28 -18.58	51.28 4.26 -18.24	51.87 4.40 -17.54	53.61 5.92 -10.95	57.11 7.26 -14.80	59.04 7.84 -13.51	62.08 9.05 -9.73	71.95 10.26 -13.29	74.28 10.56 -13.92	85.97 11.73 -22.80	98.35 12.39 -32.32	105.11 12.96 -37.23	108.76 13.75 -37.01	114.12 13.56 -45.20	98.44 12.13 -35.56	95.42 10.69 -37.64	75.42 9.91 -20.67	80.31 10.44 -23.46	75.37 9.70 -22.19	72.67 8.27 -26.48	58.98 7.33 -9.51
EAST RIVER___6 23660	56.01 3.51 -16.30	54.79 2.95 -21.39	46.24 2.74 -14.69	31.25 2.71 0.00	31.46 2.68 0.00	34.85 2.72 -2.20	55.67 3.71 -15.22	56.04 4.70 -16.29	57.89 5.01 -15.19	63.05 5.67 -14.08	63.42 6.39 -8.63	63.06 6.52 -6.74	62.44 7.10 -3.90	61.75 7.62 -0.49	62.77 7.85 0.00	71.18 8.47 -4.71	63.66 8.30 0.00	62.56 7.36 -4.45	61.61 6.55 -7.97	58.23 6.19 -7.20	58.58 6.45 -5.72	57.93 5.96 -8.49	57.47 5.01 -14.54	66.64 4.38 -20.12
EAST RIVER___7 23524	56.01 3.51 -16.30	54.79 2.95 -21.39	46.24 2.74 -14.69	31.25 2.71 0.00	31.46 2.68 0.00	34.85 2.72 -2.20	55.67 3.71 -15.22	56.04 4.70 -16.29	57.89 5.01 -15.19	63.05 5.67 -14.08	63.42 6.39 -8.63	63.06 6.52 -6.74	62.44 7.10 -3.90	61.75 7.62 -0.49	62.77 7.85 0.00	71.18 8.47 -4.71	63.66 8.30 0.00	62.56 7.36 -4.45	61.61 6.55 -7.97	58.23 6.19 -7.20	58.58 6.45 -5.72	57.93 5.96 -8.49	57.47 5.01 -14.54	66.64 4.38 -20.12
EAST_HAMPTON___DIESEL 23722	55.21 5.79 -13.22	53.28 4.75 -18.08	51.88 4.32 -18.75	51.40 4.28 -18.58	51.28 4.26 -18.24	51.87 4.40 -17.54	53.61 5.92 -10.95	57.11 7.26 -14.80	59.04 7.84 -13.51	62.08 9.05 -9.73	71.95 10.26 -13.29	74.28 10.56 -13.92	85.97 11.73 -22.80	98.35 12.39 -32.32	105.11 12.96 -37.23	108.76 13.75 -37.01	114.12 13.56 -45.20	98.44 12.13 -35.56	95.42 10.69 -37.64	75.42 9.91 -20.67	80.31 10.44 -23.46	75.37 9.70 -22.19	72.67 8.27 -26.48	58.98 7.33 -9.51
ELEC_TRO_TEK 24086	53.91 3.48 -14.23	52.45 2.95 -19.05	50.30 2.74 -18.75	49.86 2.74 -18.58	49.70 2.68 -18.24	50.20 2.72 -17.55	52.50 3.71 -12.05	55.64 4.63 -15.96	57.46 4.90 -14.87	60.00 5.46 -11.24	68.87 6.15 -14.32	71.78 6.27 -15.71	82.54 6.84 -24.26	93.26 7.30 -32.32	99.73 7.58 -37.23	103.13 8.12 -37.01	108.59 8.03 -45.20	93.42 7.11 -35.56	91.34 6.36 -37.89	74.05 5.96 -23.25	78.12 6.22 -25.49	73.39 5.78 -24.13	69.41 4.85 -26.64	59.65 4.34 -13.17
E_CANADA_CAP_HY 24051	38.88 2.68 0.00	32.67 2.22 0.00	30.86 2.05 0.00	30.59 2.05 0.00	30.82 2.04 0.00	32.09 2.16 0.00	38.94 2.20 0.00	36.52 1.47 0.00	50.57 1.58 -11.30	45.38 2.08 0.00	50.58 2.18 0.00	52.14 2.34 0.00	53.19 1.75 0.00	55.52 1.88 0.00	56.95 2.03 0.00	59.80 1.80 0.00	57.13 1.77 0.00	52.37 1.62 0.00	48.31 1.18 -0.04	46.14 1.30 0.00	47.80 1.39 0.00	44.70 1.22 0.00	39.59 1.67 0.00	44.29 2.15 0.00
E_CANADA_MHWK_HY 24050	38.63 2.43 0.00	32.40 1.95 0.00	30.57 1.76 0.00	30.28 1.74 0.00	30.54 1.76 0.00	31.94 2.01 0.00	39.39 2.65 0.00	37.75 2.70 0.00	40.52 3.02 0.19	47.02 3.72 0.00	52.66 4.26 0.00	54.28 4.48 0.00	55.92 4.48 0.00	58.52 4.88 0.00	60.08 5.16 0.00	63.28 5.28 0.00	60.56 5.20 0.00	55.52 4.77 0.00	51.19 4.10 0.00	48.70 3.86 0.00	50.54 4.13 0.00	47.13 3.65 0.00	41.14 3.22 0.00	45.17 3.03 0.00
E_FISHKILL___LBMP 23776	38.77 2.57 0.00	32.61 2.16 0.00	30.83 2.02 0.00	30.54 2.00 0.00	30.74 1.96 0.00	31.88 1.95 0.00	39.46 2.72 0.00	38.66 3.61 0.00	48.62 3.84 -7.09	47.59 4.29 0.00	53.19 4.79 0.00	54.68 4.88 0.00	56.79 5.35 0.00	59.38 5.74 0.00	60.85 5.93 0.00	69.18 6.44 -4.74	61.67 6.31 0.00	56.33 5.58 0.00	52.55 4.99 -0.47	49.55 4.71 0.00	51.33 4.92 0.00	48.05 4.57 0.00	41.75 3.83 0.00	45.39 3.25 0.00
FAR ROCKAWAY___4 23548	62.09 4.24 -21.65	60.26 3.65 -26.16	51.05 3.49 -18.75	50.58 3.45 -18.59	50.43 3.40 -18.25	51.03 3.53 -17.57	61.33 4.48 -20.11	64.91 5.47 -24.39	68.51 5.80 -25.02	72.37 6.06 -23.01	77.59 6.82 -22.37	86.63 7.17 -29.66	94.22 7.15 -35.63	93.90 7.94 -32.32	100.23 8.07 -37.24	103.78 8.76 -37.02	109.04 8.47 -45.21	93.97 7.66 -35.56	93.73 6.83 -39.81	95.42 7.08 -43.50	95.10 7.33 -41.36	89.54 6.70 -39.36	71.25 5.46 -27.87	87.07 4.97 -39.96
FENNER___WINDPWR 24204	37.03 0.83 0.00	31.12 0.67 0.00	29.36 0.55 0.00	29.05 0.51 0.00	29.30 0.52 0.00	30.62 0.69 0.00	37.66 0.92 0.00	35.79 0.74 0.00	38.66 0.83 -0.14	44.60 1.30 0.00	49.90 1.50 0.00	51.39 1.59 0.00	52.73 1.29 0.00	55.20 1.56 0.00	56.46 1.54 0.00	59.39 1.39 0.00	56.85 1.49 0.00	52.12 1.37 0.00	47.98 0.89 0.00	45.65 0.81 0.00	47.43 1.02 0.00	44.35 0.87 0.00	39.02 1.10 0.00	43.11 0.97 0.00
FIBERTEK___ENERGY 23856	35.69 -0.51 0.00	30.02 -0.43 0.00	28.32 -0.49 0.00	28.03 -0.51 0.00	28.26 -0.52 0.00	29.57 -0.36 0.00	36.23 -0.51 0.00	34.87 -0.18 0.00	38.14 -0.19 -0.64	43.30 0.00 0.00	48.45 0.05 0.00	49.95 0.15 0.00	51.23 -0.21 0.00	53.53 -0.11 0.00	54.81 -0.11 0.00	57.59 -0.41 0.00	55.36 0.00 0.00	50.80 0.05 0.00	46.67 -0.42 0.00	44.48 -0.36 0.00	46.22 -0.19 0.00	43.22 -0.26 0.00	38.03 0.11 0.00	41.47 -0.67 0.00
FITZPATRICK___ 23598	35.01 -1.19 0.00	29.45 -1.00 0.00	27.83 -0.98 0.00	27.57 -0.97 0.00	27.77 -1.01 0.00	28.97 -0.96 0.00	35.45 -1.29 0.00	34.00 -1.05 0.00	36.90 -1.21 -0.42	42.00 -1.30 0.00	46.95 -1.45 0.00	48.36 -1.44 0.00	49.74 -1.70 0.00	51.98 -1.66 0.00	53.22 -1.70 0.00	56.03 -1.97 0.00	53.70 -1.66 0.00	49.28 -1.47 0.00	45.49 -1.60 0.00	43.36 -1.48 0.00	45.02 -1.39 0.00	42.09 -1.39 0.00	36.97 -0.95 0.00	40.66 -1.48 0.00
FORT ORANGE___ 23900	38.70 2.50 0.00	32.52 2.07 0.00	30.77 1.96 0.00	30.48 1.94 0.00	30.68 1.90 0.00	31.91 1.98 0.00	39.16 2.42 0.00	37.82 2.77 0.00	49.38 2.98 -8.71	46.81 3.51 0.00	51.84 3.44 0.00	53.29 3.49 0.00	55.04 3.60 0.00	57.34 3.70 0.00	58.82 3.90 0.00	62.55 4.06 -0.49	59.35 3.99 0.00	54.40 3.65 0.00	50.33 3.16 -0.08	48.29 3.45 0.00	50.03 3.62 0.00	46.83 3.35 0.00	40.88 2.96 0.00	44.88 2.74 0.00
FORT_DRUM_COGEN 23780	36.34 0.14 0.00	30.48 0.03 0.00	28.75 -0.06 0.00	28.45 -0.09 0.00	28.69 -0.09 0.00	30.05 0.12 0.00	37.03 0.29 0.00	33.65 -1.40 0.00	36.76 -1.24 -0.31	42.52 -0.78 0.00	47.67 -0.73 0.00	49.15 -0.65 0.00	50.21 -1.23 0.00	52.57 -1.07 0.00	54.54 -0.38 0.00	57.42 -0.58 0.00	54.81 -0.55 0.00	50.24 -0.51 0.00	46.38 -0.71 0.00	44.08 -0.76 0.00	45.90 -0.51 0.00	42.87 -0.61 0.00	37.69 -0.23 0.00	42.31 0.17 0.00



FPL FAR_ROCK_GT1 24212	62.09 4.24 -21.65	60.26 3.65 -26.16	51.05 3.49 -18.75	50.58 3.45 -18.59	50.43 3.40 -18.25	51.03 3.53 -17.57	61.33 4.48 -20.11	64.91 5.47 -24.39	68.51 5.80 -25.02	71.94 5.63 -23.01	77.11 6.34 -22.37	86.08 6.62 -29.66	93.71 6.64 -35.63	93.31 7.35 -32.32	99.63 7.47 -37.24	103.14 8.12 -37.02	108.43 7.86 -45.21	93.42 7.11 -35.56	93.21 6.31 -39.81	94.93 6.59 -43.50	94.59 6.82 -41.36	89.06 6.22 -39.36	70.83 5.04 -27.87	86.65 4.55 -39.96
FPL FAR_ROCK_GT2 23815	62.09 4.24 -21.65	60.26 3.65 -26.16	51.05 3.49 -18.75	50.58 3.45 -18.59	50.43 3.40 -18.25	51.03 3.53 -17.57	61.33 4.48 -20.11	64.91 5.47 -24.39	68.51 5.80 -25.02	72.37 6.06 -23.01	77.59 6.82 -22.37	86.63 7.17 -29.66	94.22 7.15 -35.63	93.90 7.94 -32.32	100.23 8.07 -37.24	103.78 8.76 -37.02	109.04 8.47 -45.21	93.97 7.66 -35.56	93.73 6.83 -39.81	95.42 7.08 -43.50	95.10 7.33 -41.36	89.54 6.70 -39.36	71.25 5.46 -27.87	87.07 4.97 -39.96
FRANKLIN_FALL_HYD 24054	34.72 -1.48 0.00	29.20 -1.25 0.00	27.72 -1.09 0.00	27.43 -1.11 0.00	27.72 -1.06 0.00	28.73 -1.20 0.00	35.45 -1.29 0.00	33.26 -1.79 0.00	35.99 -1.70 0.00	41.18 -2.12 0.00	46.03 -2.37 0.00	47.31 -2.49 0.00	49.13 -2.31 0.00	51.01 -2.63 0.00	51.79 -3.13 0.00	54.98 -3.02 0.00	51.76 -3.60 0.00	47.45 -3.30 0.00	44.83 -2.26 0.00	42.60 -2.24 0.00	44.00 -2.41 0.00	41.57 -1.91 0.00	35.53 -2.39 0.00	40.50 -1.64 0.00
FREEPORT_EQUS_GT1 23764	55.26 3.98 -15.08	53.66 3.35 -19.86	50.67 3.11 -18.75	50.23 3.11 -18.58	50.10 3.08 -18.24	50.62 3.14 -17.55	53.94 4.23 -12.97	57.23 5.26 -16.92	59.19 5.62 -15.88	61.78 6.32 -12.16	70.45 7.12 -14.93	73.83 7.27 -16.76	84.52 7.97 -25.11	94.49 8.53 -32.32	100.99 8.84 -37.23	104.46 9.45 -37.01	109.86 9.30 -45.20	94.58 8.27 -35.56	92.51 7.39 -38.03	76.53 6.91 -24.78	80.33 7.24 -26.68	75.46 6.70 -25.28	70.26 5.61 -26.73	63.38 5.01 -16.23
FULTON COGEN____ 23766	35.62 -0.58 0.00	29.96 -0.49 0.00	28.26 -0.55 0.00	28.00 -0.54 0.00	28.23 -0.55 0.00	29.48 -0.45 0.00	36.15 -0.59 0.00	34.77 -0.28 0.00	37.89 -0.30 -0.50	43.17 -0.13 0.00	48.30 -0.10 0.00	49.75 -0.05 0.00	51.03 -0.41 0.00	53.32 -0.32 0.00	54.54 -0.38 0.00	57.36 -0.64 0.00	55.08 -0.28 0.00	50.55 -0.20 0.00	46.52 -0.57 0.00	44.35 -0.49 0.00	46.09 -0.32 0.00	43.05 -0.43 0.00	37.88 -0.04 0.00	41.42 -0.72 0.00
Freeport____CT2 23818	55.26 3.98 -15.08	53.66 3.35 -19.86	50.67 3.11 -18.75	50.23 3.11 -18.58	50.10 3.08 -18.24	50.62 3.14 -17.55	53.94 4.23 -12.97	57.23 5.26 -16.92	59.19 5.62 -15.88	61.78 6.32 -12.16	70.45 7.12 -14.93	73.83 7.27 -16.76	84.52 7.97 -25.11	94.49 8.53 -32.32	100.99 8.84 -37.23	104.46 9.45 -37.01	109.86 9.30 -45.20	94.58 8.27 -35.56	92.51 7.39 -38.03	76.53 6.91 -24.78	80.33 7.24 -26.68	75.46 6.70 -25.28	70.26 5.61 -26.73	63.38 5.01 -16.23
G.F.CEMENT____DRP 24184	39.60 3.40 0.00	33.22 2.77 0.00	31.35 2.54 0.00	31.05 2.51 0.00	31.28 2.50 0.00	32.59 2.66 0.00	40.08 3.34 0.00	38.27 3.22 0.00	50.39 3.58 -9.12	47.28 3.98 0.00	52.56 4.16 0.00	53.93 4.13 0.00	55.30 3.86 0.00	57.61 3.97 0.00	59.04 4.12 0.00	62.51 4.12 -0.39	59.29 3.93 0.00	54.40 3.65 0.00	50.17 3.01 -0.07	47.75 2.91 0.00	49.89 3.48 0.00	46.83 3.35 0.00	41.07 3.15 0.00	45.55 3.41 0.00
GARDENVILLE____LBMP 24039	32.69 -3.51 0.00	27.62 -2.83 0.00	25.84 -2.97 0.00	25.74 -2.80 0.00	25.93 -2.85 0.00	27.57 -2.36 0.00	32.48 -4.26 0.00	32.53 -2.52 0.00	35.35 -3.47 -1.13	39.45 -3.85 0.00	43.85 -4.55 0.00	45.42 -4.38 0.00	46.04 -5.40 0.00	48.92 -4.72 0.00	50.25 -4.67 0.00	51.91 -6.09 0.00	51.15 -4.21 0.00	47.15 -3.60 0.00	42.29 -4.80 0.00	40.45 -4.39 0.00	42.65 -3.76 0.00	39.57 -3.91 0.00	36.10 -1.82 0.00	37.71 -4.43 0.00
GENERAL____MILLS 23808	32.76 -3.44 0.00	27.68 -2.77 0.00	25.90 -2.91 0.00	25.77 -2.77 0.00	25.99 -2.79 0.00	27.60 -2.33 0.00	32.55 -4.19 0.00	32.63 -2.42 0.00	35.47 -3.35 -1.13	39.58 -3.72 0.00	43.95 -4.45 0.00	45.52 -4.28 0.00	46.14 -5.30 0.00	49.08 -4.56 0.00	50.36 -5.97 0.00	52.03 -4.10 0.00	51.26 -3.50 0.00	47.25 -4.71 0.00	42.38 -4.26 0.00	40.58 -3.67 0.00	42.74 -3.83 0.00	39.65 -3.83 0.00	36.18 -1.74 0.00	37.80 -4.34 0.00
GE_PLASTICS____DRP 24183	37.65 1.45 0.00	31.67 1.22 0.00	29.96 1.15 0.00	29.68 1.14 0.00	29.90 1.12 0.00	31.04 1.11 0.00	38.10 1.36 0.00	36.77 1.72 0.00	48.32 1.85 -8.78	45.46 2.16 0.00	50.72 2.32 0.00	52.19 2.39 0.00	53.91 2.47 0.00	56.21 2.57 0.00	57.61 2.69 0.00	60.84 2.84 0.00	58.18 2.82 0.00	53.34 2.59 0.00	49.33 2.21 -0.03	46.99 2.15 0.00	48.68 2.27 0.00	45.61 2.13 0.00	39.78 1.86 0.00	43.70 1.56 0.00
GILBOA____1 23756	37.72 1.52 0.00	31.73 1.28 0.00	30.08 1.27 0.00	29.82 1.28 0.00	30.02 1.24 0.00	31.10 1.17 0.00	38.14 1.40 0.00	37.01 1.96 0.00	46.57 2.07 -6.81	45.64 2.34 0.00	51.01 2.61 0.00	52.49 2.69 0.00	54.32 2.88 0.00	56.59 2.95 0.00	58.00 3.08 0.00	60.38 3.25 0.87	58.63 3.27 0.00	53.80 3.05 0.00	49.62 2.59 0.06	47.31 2.47 0.00	49.01 2.60 0.00	45.91 2.43 0.00	40.08 2.16 0.00	43.83 1.69 0.00
GILBOA____2 23757	37.72 1.52 0.00	31.73 1.28 0.00	30.22 1.41 0.00	29.94 1.40 0.00	30.16 1.38 0.00	31.10 1.17 0.00	38.14 1.40 0.00	37.01 1.96 0.00	46.57 2.07 -6.81	45.64 2.34 0.00	51.01 2.61 0.00	52.49 2.69 0.00	54.32 2.88 0.00	56.59 2.95 0.00	58.00 3.08 0.00	60.38 3.25 0.87	58.63 3.27 0.00	53.80 3.05 0.00	49.62 2.59 0.06	47.31 2.47 0.00	49.01 2.60 0.00	45.91 2.43 0.00	40.08 2.16 0.00	43.83 1.69 0.00
GILBOA____3 23758	37.72 1.52 0.00	31.73 1.28 0.00	30.08 1.27 0.00	29.82 1.28 0.00	30.02 1.24 0.00	31.10 1.17 0.00	38.14 1.40 0.00	37.01 1.96 0.00	46.57 2.07 -6.81	45.64 2.34 0.00	51.01 2.61 0.00	52.49 2.69 0.00	54.32 2.88 0.00	56.32 2.68 0.00	57.72 2.80 0.00	60.15 3.02 0.87	58.35 2.99 0.00	53.80 3.05 0.00	49.62 2.59 0.06	47.31 2.47 0.00	49.01 2.60 0.00	45.91 2.43 0.00	40.08 2.16 0.00	43.83 1.69 0.00
GILBOA____4 23759	37.87 1.67 0.00	31.88 1.43 0.00	30.22 1.41 0.00	29.94 1.40 0.00	30.16 1.38 0.00	31.25 1.32 0.00	38.14 1.40 0.00	37.01 1.96 0.00	46.57 2.07 -6.81	45.64 2.34 0.00	51.01 2.61 0.00	52.49 2.69 0.00	54.32 2.88 0.00	56.59 2.95 0.00	58.00 3.08 0.00	60.38 3.25 0.87	58.63 3.27 0.00	53.80 3.05 0.00	49.62 2.59 0.06	47.31 2.47 0.00	49.01 2.60 0.00	45.91 2.43 0.00	40.08 2.16 0.00	43.83 1.69 0.00
GILBOA____ 23599	37.72 1.52 0.00	31.73 1.28 0.00	30.08 1.27 0.00	29.82 1.28 0.00	30.02 1.24 0.00	31.10 1.17 0.00	38.14 1.40 0.00	37.01 1.96 0.00	46.57 2.07 -6.81	45.64 2.34 0.00	51.01 2.61 0.00	52.49 2.69 0.00	54.32 2.88 0.00	56.59 2.95 0.00	58.00 3.08 0.00	60.38 3.25 0.87	58.63 3.27 0.00	53.80 3.05 0.00	49.62 2.59 0.06	47.31 2.47 0.00	49.01 2.60 0.00	45.91 2.43 0.00	40.08 2.16 0.00	43.83 1.69 0.00
GINNA____ 23603	32.98 -3.22 0.00	27.65 -2.80 0.00	26.07 -2.74 0.00	25.86 -2.68 0.00	26.05 -2.73 0.00	27.36 -2.57 0.00	32.99 -3.75 0.00	31.33 -3.72 0.00	34.04 -4.45 -0.80	38.54 -4.76 0.00	43.22 -5.18 0.00	44.47 -5.33 0.00	45.11 -6.33 0.00	47.36 -6.28 0.00	48.49 -6.43 0.00	50.63 -7.37 0.00	49.27 -6.09 0.00	45.17 -5.58 0.00	41.34 -5.75 0.00	39.91 -4.93 0.00	41.72 -4.69 0.00	38.70 -4.78 0.00	34.73 -3.19 0.00	37.93 -4.21 0.00



GLEN PARK____ 23778	36.71 0.51 0.00	30.82 0.37 0.00	29.04 0.23 0.00	28.74 0.20 0.00	28.98 0.20 0.00	30.38 0.45 0.00	37.44 0.70 0.00	34.21 -0.84 0.00	37.30 -0.72 -0.33	43.21 -0.09 0.00	48.45 0.05 0.00	49.95 0.15 0.00	50.98 -0.46 0.00	53.43 -0.21 0.00	55.19 0.27 0.00	58.12 0.12 0.00	55.53 0.17 0.00	50.90 0.15 0.00	46.95 -0.14 0.00	44.62 -0.22 0.00	46.41 0.00 0.00	43.35 -0.13 0.00	38.19 0.27 0.00	42.77 0.63 0.00
GLENWOOD_IC_1_G5 23712	54.26 3.55 -14.51	52.75 2.98 -19.32	50.33 2.77 -18.75	49.86 2.74 -18.58	49.73 2.71 -18.24	50.23 2.75 -17.55	52.80 3.71 -12.35	56.05 4.73 -16.27	57.97 5.05 -15.23	60.60 5.67 -11.63	69.18 6.20 -14.58	72.28 6.32 -16.16	82.86 6.79 -24.63	93.26 7.30 -32.32	99.73 7.58 -37.23	103.19 8.18 -37.01	108.53 7.97 -45.20	93.42 7.11 -35.56	91.35 6.31 -37.95	74.71 5.96 -23.91	78.64 6.22 -26.01	73.85 5.74 -24.63	69.57 4.97 -26.68	60.87 4.55 -14.18
GLENWOOD_IC_2_G1 23688	53.12 3.33 -13.59	51.69 2.80 -18.44	50.18 2.62 -18.75	49.72 2.60 -18.58	49.58 2.56 -18.24	50.07 2.60 -17.54	51.65 3.56 -11.35	54.80 4.52 -15.23	56.54 4.82 -14.03	59.01 5.37 -10.34	68.16 6.05 -13.71	70.63 6.17 -14.66	81.58 6.74 -23.40	93.15 7.19 -32.32	99.62 7.47 -37.23	103.07 8.06 -37.01	108.48 7.92 -45.20	93.31 7.00 -35.56	91.09 6.26 -37.74	72.44 5.87 -21.73	76.84 6.13 -24.30	72.16 5.70 -22.98	69.24 4.78 -26.54	57.21 4.21 -10.86
GLENWOOD_IC_3_G1 23689	53.12 3.33 -13.59	51.69 2.80 -18.44	50.18 2.62 -18.75	49.72 2.60 -18.58	49.58 2.56 -18.24	50.07 2.60 -17.54	51.65 3.56 -11.35	54.80 4.52 -15.23	56.54 4.82 -14.03	59.01 5.37 -10.34	68.16 6.05 -13.71	70.63 6.17 -14.66	81.58 6.74 -23.40	93.15 7.19 -32.32	99.62 7.47 -37.23	103.07 8.06 -37.01	108.48 7.92 -45.20	93.31 7.00 -35.56	91.09 6.26 -37.74	72.44 5.87 -21.73	76.84 6.13 -24.30	72.16 5.70 -22.98	69.24 4.78 -26.54	57.21 4.21 -10.86
GLENWOOD____4 23550	54.26 3.55 -14.51	52.75 2.98 -19.32	50.33 2.77 -18.75	49.86 2.74 -18.58	49.73 2.71 -18.24	50.23 2.75 -17.55	52.80 3.71 -12.35	56.05 4.73 -16.27	57.97 5.05 -15.23	60.60 5.67 -11.63	69.18 6.20 -14.58	72.28 6.32 -16.16	82.86 6.79 -24.63	93.26 7.30 -32.32	99.73 7.58 -37.23	103.19 8.18 -37.01	108.53 7.97 -45.20	93.42 7.11 -35.56	91.35 6.31 -37.95	74.76 6.01 -23.91	78.64 6.22 -26.01	73.85 5.74 -24.63	69.57 4.97 -26.68	60.87 4.55 -14.18
GLENWOOD____5 23614	54.26 3.55 -14.51	52.75 2.98 -19.32	50.33 2.77 -18.75	49.86 2.74 -18.58	49.73 2.71 -18.24	50.23 2.75 -17.55	52.80 3.71 -12.35	56.05 4.73 -16.27	57.97 5.05 -15.23	60.60 5.67 -11.63	69.18 6.20 -14.58	72.28 6.32 -16.16	82.86 6.79 -24.63	93.26 7.30 -32.32	99.73 7.58 -37.23	103.19 8.18 -37.01	108.53 7.97 -45.20	93.42 7.11 -35.56	91.35 6.31 -37.95	74.76 6.01 -23.91	78.64 6.22 -26.01	73.85 5.74 -24.63	69.57 4.97 -26.68	60.87 4.55 -14.18
GLOBAL GREEN_PORT_GT1 23814	55.21 5.79 -13.22	53.28 4.75 -18.08	51.88 4.32 -18.75	51.40 4.28 -18.58	51.28 4.26 -18.24	51.87 4.40 -17.54	53.61 5.92 -10.95	57.11 7.26 -14.80	59.04 7.84 -13.51	62.08 9.05 -9.73	71.95 10.26 -13.29	74.28 10.56 -13.92	85.97 11.73 -22.80	98.35 12.39 -32.32	105.11 12.96 -37.23	108.76 13.75 -37.01	114.12 13.56 -45.20	98.44 12.13 -35.56	95.42 10.69 -37.64	75.42 9.91 -20.67	80.31 10.44 -23.46	75.37 9.70 -22.19	72.67 8.27 -26.48	58.98 7.33 -9.51
GOUDEY____7 23579	35.80 -0.40 0.00	30.18 -0.27 0.00	28.35 -0.46 0.00	28.20 -0.34 0.00	28.41 -0.37 0.00	29.84 -0.09 0.00	36.26 -0.48 0.00	35.79 0.74 0.00	40.47 0.57 -2.21	44.08 0.78 0.00	49.27 0.87 0.00	51.09 1.29 0.00	52.47 1.03 0.00	55.41 1.77 0.00	56.79 1.87 0.00	59.51 1.51 0.00	57.41 2.05 0.00	52.68 1.93 0.00	47.76 0.66 -0.01	45.42 0.58 0.00	47.29 0.88 0.00	44.13 0.65 0.00	39.13 1.21 0.00	41.63 -0.51 0.00
GOUDEY____8 23580	35.62 -0.58 0.00	30.08 -0.37 0.00	28.26 -0.55 0.00	28.08 -0.46 0.00	28.32 -0.46 0.00	29.72 -0.21 0.00	36.08 -0.66 0.00	35.61 0.56 0.00	40.28 0.38 -2.21	43.86 0.56 0.00	48.98 0.58 0.00	50.80 1.00 0.00	52.16 0.72 0.00	55.09 1.45 0.00	56.46 1.54 0.00	59.16 1.16 0.00	57.08 1.72 0.00	52.42 1.67 0.00	47.52 0.42 -0.01	45.15 0.31 0.00	47.01 0.60 0.00	43.91 0.43 0.00	38.91 0.99 0.00	41.42 -0.72 0.00
GOWANUS_GT_1_GRP 23732	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT_2_GRP 23617	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT_3_GRP 23618	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT_4_GRP 23751	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT1_1 24077	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT1_2 24078	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT1_3 24079	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69



GOWANUS_GT1_4 24080	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT1_5 24084	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT1_6 24111	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT1_7 24112	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT1_8 24113	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT2_1 24114	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT2_2 24115	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT2_3 24116	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT2_4 24117	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT2_5 24118	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT2_6 24119	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT2_7 24120	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT2_8 24121	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT3_1 24122	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT3_2 24123	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT3_3 24124	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69



GOWANUS_GT3_4 24125	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT3_5 24126	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT3_6 24127	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT3_7 24128	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT3_8 24129	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT4_1 24130	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT4_2 24131	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT4_3 24132	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT4_4 24133	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT4_5 24134	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT4_6 24135	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT4_7 24136	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GOWANUS_GT4_8 24137	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
GRAHMSVILLE___HY 23607	37.29 1.09 0.00	31.39 0.94 0.00	29.65 0.84 0.00	29.34 0.80 0.00	29.53 0.75 0.00	30.59 0.66 0.00	38.10 1.36 0.00	37.57 2.52 0.00	46.41 2.68 -6.04	46.16 2.86 0.00	51.88 3.48 0.00	53.29 3.49 0.00	55.56 4.12 0.00	58.04 4.40 0.00	59.75 4.83 0.00	65.59 5.05 -2.54	60.40 5.04 0.00	55.01 4.26 0.00	51.16 3.81 -0.26	48.07 3.23 0.00	49.75 3.34 0.00	46.39 2.91 0.00	40.31 2.39 0.00	43.74 1.60 0.00
GREENIDGE___3 23582	34.25 -1.95 0.00	28.99 -1.46 0.00	27.20 -1.61 0.00	27.03 -1.51 0.00	27.23 -1.55 0.00	28.73 -1.20 0.00	34.54 -2.20 0.00	33.96 -1.09 0.00	37.16 -1.85 -1.32	41.44 -1.86 0.00	46.32 -2.08 0.00	48.01 -1.79 0.00	49.02 -2.42 0.00	51.82 -1.82 0.00	53.11 -1.81 0.00	55.45 -2.55 0.00	53.75 -1.61 0.00	49.63 -1.12 0.00	44.83 -2.26 0.00	42.78 -2.06 0.00	44.69 -1.72 0.00	41.61 -1.87 0.00	37.20 -0.72 0.00	39.48 -2.66 0.00
GREENIDGE___4 23583	34.10 -2.10 0.00	28.93 -1.52 0.00	27.14 -1.67 0.00	26.94 -1.60 0.00	27.17 -1.61 0.00	28.67 -1.26 0.00	34.43 -2.31 0.00	33.82 -1.23 0.00	36.94 -2.07 -1.32	41.18 -2.12 0.00	46.08 -2.32 0.00	47.71 -2.09 0.00	48.71 -2.73 0.00	51.49 -2.15 0.00	52.78 -2.14 0.00	55.10 -2.90 0.00	53.42 -1.94 0.00	49.38 -1.37 0.00	44.64 -2.45 0.00	42.55 -2.29 0.00	44.51 -1.90 0.00	41.39 -2.09 0.00	37.01 -0.91 0.00	39.32 -2.82 0.00



HARZA MOOSE___RIVER 24016	36.89 0.69 0.00	31.00 0.55 0.00	29.27 0.46 0.00	28.97 0.43 0.00	29.21 0.43 0.00	30.50 0.57 0.00	37.51 0.77 0.00	35.68 0.63 0.00	38.41 0.72 0.00	44.43 1.13 0.00	49.66 1.26 0.00	51.14 1.34 0.00	52.62 1.18 0.00	54.98 1.34 0.00	55.85 0.93 0.00	58.81 0.81 0.00	56.25 0.89 0.00	51.51 0.76 0.00	47.61 0.52 0.00	45.29 0.45 0.00	47.01 0.60 0.00	43.96 0.48 0.00	38.56 0.64 0.00	42.94 0.80 0.00
HEMPSTEAD____ 23647	54.20 3.55 -14.45	52.72 3.01 -19.26	50.35 2.79 -18.75	49.89 2.77 -18.58	49.75 2.73 -18.24	50.26 2.78 -17.55	52.80 3.78 -12.28	56.02 4.77 -16.20	57.86 5.05 -15.12	60.42 5.67 -11.45	69.15 6.29 -14.46	72.16 6.42 -15.94	82.89 7.00 -24.45	93.42 7.46 -32.32	99.89 7.74 -37.23	103.36 8.35 -37.01	108.75 8.19 -45.20	93.62 7.31 -35.56	91.51 6.50 -37.92	74.54 6.10 -23.60	78.53 6.36 -25.76	73.78 5.91 -24.39	69.55 4.97 -26.66	60.61 4.51 -13.96
HICKLING___1 23621	35.11 -1.09 0.00	29.63 -0.82 0.00	27.69 -1.12 0.00	27.57 -0.97 0.00	27.80 -0.98 0.00	29.45 -0.48 0.00	35.56 -1.18 0.00	35.72 0.67 0.00	39.78 0.34 -1.75	43.95 0.65 0.00	49.13 0.73 0.00	51.24 1.44 0.00	52.31 0.87 0.00	55.73 2.09 0.00	57.12 2.20 0.00	59.57 1.57 0.00	57.80 2.44 0.00	53.14 2.39 0.00	47.43 0.33 -0.01	45.06 0.22 0.00	47.15 0.74 0.00	43.87 0.39 0.00	39.36 1.44 0.00	40.83 -1.31 0.00
HICKLING___2 23622	35.11 -1.09 0.00	29.63 -0.82 0.00	27.69 -1.12 0.00	27.57 -0.97 0.00	27.80 -0.98 0.00	29.45 -0.48 0.00	35.56 -1.18 0.00	35.72 0.67 0.00	39.78 0.34 -1.75	43.95 0.65 0.00	49.13 0.73 0.00	51.24 1.44 0.00	52.31 0.87 0.00	55.73 2.09 0.00	57.12 2.20 0.00	59.57 1.57 0.00	57.80 2.44 0.00	53.14 2.39 0.00	47.43 0.33 -0.01	45.06 0.22 0.00	47.15 0.74 0.00	43.87 0.39 0.00	39.36 1.44 0.00	40.83 -1.31 0.00
HIGH FALLS___HY 23754	37.32 1.12 0.00	31.42 0.97 0.00	29.67 0.86 0.00	29.40 0.86 0.00	29.53 0.75 0.00	30.50 0.57 0.00	38.28 1.54 0.00	38.13 3.08 0.00	48.04 3.32 -7.03	46.72 3.42 0.00	52.71 4.31 0.00	54.03 4.23 0.00	56.58 5.14 0.00	59.11 5.47 0.00	60.96 6.04 0.00	66.68 6.38 -2.30	61.67 6.31 0.00	56.08 5.33 0.00	52.18 4.85 -0.24	48.83 3.99 0.00	50.54 4.13 0.00	47.05 3.57 0.00	40.69 2.77 0.00	43.95 1.81 0.00
HILLBURN___GT 23639	38.77 2.57 0.00	32.61 2.16 0.00	30.80 1.99 0.00	30.51 1.97 0.00	30.68 1.90 0.00	31.82 1.89 0.00	39.57 2.83 0.00	38.98 3.93 0.00	48.56 4.18 -6.69	47.93 4.63 0.00	53.72 5.32 0.00	55.18 5.38 0.00	57.46 6.02 0.00	60.08 6.44 0.00	61.68 6.76 0.00	69.43 7.25 -4.18	62.50 7.14 0.00	56.99 6.24 0.00	53.06 5.56 -0.41	49.95 5.11 0.00	51.75 5.34 0.00	48.35 4.87 0.00	41.94 4.02 0.00	45.47 3.33 0.00
HOLTSVIL 1-5___GRP1 24031	53.14 3.73 -13.21	51.69 3.17 -18.07	50.50 2.94 -18.75	50.06 2.94 -18.58	49.90 2.88 -18.24	50.34 2.87 -17.54	51.56 3.89 -10.93	54.54 4.70 -14.79	56.01 4.82 -13.50	58.34 5.33 -9.71	67.59 5.91 -13.28	69.53 5.83 -13.90	80.87 6.64 -22.79	92.83 6.87 -32.32	99.40 7.25 -37.23	102.78 7.77 -37.01	108.31 7.75 -45.20	93.11 6.80 -35.56	90.81 6.08 -37.64	71.13 5.65 -20.64	75.79 5.94 -23.44	71.16 5.52 -22.16	69.22 4.82 -26.48	55.95 4.34 -9.47
HOLTSVIL6-10___GRP2 24032	53.45 4.02 -13.23	51.92 3.38 -18.09	50.70 3.14 -18.75	50.26 3.14 -18.58	50.10 3.08 -18.24	50.55 3.08 -17.54	51.85 4.15 -10.96	54.85 4.98 -14.82	56.38 5.16 -13.53	58.80 5.76 -9.74	68.14 6.44 -13.30	70.01 6.27 -13.94	81.36 7.10 -22.82	93.42 7.46 -32.32	100.00 7.85 -37.23	103.36 8.35 -37.01	108.86 8.30 -45.20	93.67 7.36 -35.56	91.28 6.55 -37.64	71.58 6.05 -20.69	76.25 6.36 -23.48	71.59 5.91 -22.20	69.60 5.20 -26.48	56.37 4.68 -9.55
HOLTSVILLE_IC_1 23690	53.14 3.73 -13.21	51.69 3.17 -18.07	50.50 2.94 -18.75	50.06 2.94 -18.58	49.90 2.88 -18.24	50.34 2.87 -17.54	51.56 3.89 -10.93	54.54 4.70 -14.79	56.01 4.82 -13.50	58.34 5.33 -9.71	67.59 5.91 -13.28	69.53 5.83 -13.90	80.87 6.64 -22.79	92.83 6.87 -32.32	99.40 7.25 -37.23	102.78 7.77 -37.01	108.31 7.75 -45.20	93.11 6.80 -35.56	90.81 6.08 -37.64	71.13 5.65 -20.64	75.79 5.94 -23.44	71.16 5.52 -22.16	69.22 4.82 -26.48	55.95 4.34 -9.47
HOLTSVILLE_IC_10 23699	53.45 4.02 -13.23	51.92 3.38 -18.09	50.70 3.14 -18.75	50.26 3.14 -18.58	50.10 3.08 -18.24	50.55 3.08 -17.54	51.85 4.15 -10.96	54.85 4.98 -14.82	56.38 5.16 -13.53	58.80 5.76 -9.74	68.14 6.44 -13.30	70.01 6.27 -13.94	81.36 7.10 -22.82	93.42 7.46 -32.32	100.00 7.85 -37.23	103.36 8.35 -37.01	108.86 8.30 -45.20	93.67 7.36 -35.56	91.28 6.55 -37.64	71.58 6.05 -20.69	76.25 6.36 -23.48	71.59 5.91 -22.20	69.60 5.20 -26.48	56.37 4.68 -9.55
HOLTSVILLE_IC_2 23691	53.14 3.73 -13.21	51.69 3.17 -18.07	50.50 2.94 -18.75	50.06 2.94 -18.58	49.90 2.88 -18.24	50.34 2.87 -17.54	51.56 3.89 -10.93	54.54 4.70 -14.79	56.01 4.82 -13.50	58.34 5.33 -9.71	67.59 5.91 -13.28	69.53 5.83 -13.90	80.87 6.64 -22.79	92.83 6.87 -32.32	99.40 7.25 -37.23	102.78 7.77 -37.01	108.31 7.75 -45.20	93.11 6.80 -35.56	90.81 6.08 -37.64	71.13 5.65 -20.64	75.79 5.94 -23.44	71.16 5.52 -22.16	69.22 4.82 -26.48	55.95 4.34 -9.47
HOLTSVILLE_IC_3 23692	53.14 3.73 -13.21	51.69 3.17 -18.07	50.50 2.94 -18.75	50.06 2.94 -18.58	49.90 2.88 -18.24	50.34 2.87 -17.54	51.56 3.89 -10.93	54.54 4.70 -14.79	56.01 4.82 -13.50	58.34 5.33 -9.71	67.59 5.91 -13.28	69.53 5.83 -13.90	80.87 6.64 -22.79	92.83 6.87 -32.32	99.40 7.25 -37.23	102.78 7.77 -37.01	108.31 7.75 -45.20	93.11 6.80 -35.56	90.81 6.08 -37.64	71.13 5.65 -20.64	75.79 5.94 -23.44	71.16 5.52 -22.16	69.22 4.82 -26.48	55.95 4.34 -9.47
HOLTSVILLE_IC_4 23693	53.14 3.73 -13.21	51.69 3.17 -18.07	50.50 2.94 -18.75	50.06 2.94 -18.58	49.90 2.88 -18.24	50.34 2.87 -17.54	51.56 3.89 -10.93	54.54 4.70 -14.79	56.01 4.82 -13.50	58.34 5.33 -9.71	67.59 5.91 -13.28	69.53 5.83 -13.90	80.87 6.64 -22.79	92.83 6.87 -32.32	99.40 7.25 -37.23	102.78 7.77 -37.01	108.31 7.75 -45.20	93.11 6.80 -35.56	90.81 6.08 -37.64	71.13 5.65 -20.64	75.79 5.94 -23.44	71.16 5.52 -22.16	69.22 4.82 -26.48	55.95 4.34 -9.47
HOLTSVILLE_IC_5 23694	53.14 3.73 -13.21	51.69 3.17 -18.07	50.50 2.94 -18.75	50.06 2.94 -18.58	49.90 2.88 -18.24	50.34 2.87 -17.54	51.56 3.89 -10.93	54.54 4.70 -14.79	56.01 4.82 -13.50	58.34 5.33 -9.71	67.59 5.91 -13.28	69.53 5.83 -13.90	80.87 6.64 -22.79	92.83 6.87 -32.32	99.40 7.25 -37.23	102.78 7.77 -37.01	108.31 7.75 -45.20	93.11 6.80 -35.56	90.81 6.08 -37.64	71.13 5.65 -20.64	75.79 5.94 -23.44	71.16 5.52 -22.16	69.22 4.82 -26.48	55.95 4.34 -9.47
HOLTSVILLE_IC_6 23695	53.45 4.02 -13.23	51.92 3.38 -18.09	50.70 3.14 -18.75	50.26 3.14 -18.58	50.10 3.08 -18.24	50.55 3.08 -17.54	51.85 4.15 -10.96	54.85 4.98 -14.82	56.38 5.16 -13.53	58.80 5.76 -9.74	68.14 6.44 -13.30	70.01 6.27 -13.94	81.36 7.10 -22.82	93.42 7.46 -32.32	100.00 7.85 -37.23	103.36 8.35 -37.01	108.86 8.30 -45.20	93.67 7.36 -35.56	91.28 6.55 -37.64	71.58 6.05 -20.69	76.25 6.36 -23.48	71.59 5.91 -22.20	69.60 5.20 -26.48	56.37 4.68 -9.55
HOLTSVILLE_IC_7 23696	53.45 4.02 -13.23	51.92 3.38 -18.09	50.70 3.14 -18.75	50.26 3.14 -18.58	50.10 3.08 -18.24	50.55 3.08 -17.54	51.85 4.15 -10.96	54.85 4.98 -14.82	56.38 5.16 -13.53	58.80 5.76 -9.74	68.14 6.44 -13.30	70.01 6.27 -13.94	81.36 7.10 -22.82	93.42 7.46 -32.32	100.00 7.85 -37.23	103.36 8.35 -37.01	108.86 8.30 -45.20	93.67 7.36 -35.56	91.28 6.55 -37.64	71.58 6.05 -20.69	76.25 6.36 -23.48	71.59 5.91 -22.20	69.60 5.20 -26.48	56.37 4.68 -9.55



HOLTSVILLE_IC_8 23697	53.45 4.02 -13.23	51.92 3.38 -18.09	50.70 3.14 -18.75	50.26 3.14 -18.58	50.10 3.08 -18.24	50.55 3.08 -17.54	51.85 4.15 -10.96	54.85 4.98 -14.82	56.38 5.16 -13.53	58.80 5.76 -9.74	68.14 6.44 -13.30	70.01 6.27 -13.94	81.36 7.10 -22.82	93.42 7.46 -32.32	100.00 7.85 -37.23	103.36 8.35 -37.01	108.86 8.30 -45.20	93.67 7.36 -35.56	91.28 6.55 -37.64	71.58 6.05 -20.69	76.25 6.36 -23.48	71.59 5.91 -22.20	69.60 5.20 -26.48	56.37 4.68 -9.55
HOLTSVILLE_IC_9 23698	53.45 4.02 -13.23	51.92 3.38 -18.09	50.70 3.14 -18.75	50.26 3.14 -18.58	50.10 3.08 -18.24	50.55 3.08 -17.54	51.85 4.15 -10.96	54.85 4.98 -14.82	56.38 5.16 -13.53	58.80 5.76 -9.74	68.14 6.44 -13.30	70.01 6.27 -13.94	81.36 7.10 -22.82	93.42 7.46 -32.32	100.00 7.85 -37.23	103.36 8.35 -37.01	108.86 8.30 -45.20	93.67 7.36 -35.56	91.28 6.55 -37.64	71.58 6.05 -20.69	76.25 6.36 -23.48	71.59 5.91 -22.20	69.60 5.20 -26.48	56.37 4.68 -9.55
HQ_GEN_CEDARS 23644	35.22 -0.98 0.00	29.63 -0.82 0.00	28.09 -0.72 0.00	27.80 -0.74 0.00	28.06 -0.72 0.00	29.15 -0.78 0.00	36.04 -0.70 0.00	33.75 -1.30 0.00	36.60 -1.09 0.00	41.87 -1.43 0.00	46.80 -1.60 0.00	48.16 -1.64 0.00	50.00 -1.44 0.00	51.92 -1.72 0.00	52.83 -2.09 0.00	56.09 -1.91 0.00	52.76 -2.60 0.00	48.42 -2.33 0.00	45.68 -1.41 0.00	43.36 -1.48 0.00	44.83 -1.58 0.00	42.44 -1.04 0.00	36.21 -1.71 0.00	41.09 -1.05 0.00
HQ_GEN_CHAT DC 23651	34.25 -0.69 1.26	29.87 -0.58 0.00	28.32 -0.49 0.00	28.05 -0.49 0.00	28.32 -0.46 0.00	29.39 -0.54 0.00	36.15 -0.59 0.00	34.00 -1.05 0.00	36.67 -1.02 0.00	42.04 -1.26 0.00	47.00 -1.40 0.00	48.31 -1.49 0.00	50.05 -1.39 0.00	52.03 -1.61 0.00	53.11 -1.81 0.00	56.26 -1.74 0.00	53.26 -2.10 0.00	48.82 -1.93 0.00	45.77 -1.32 0.00	43.54 -1.30 0.00	44.93 -1.48 0.00	42.22 -1.26 0.00	36.48 -1.44 0.00	41.42 -0.72 0.00
HUDAV+59+74_TH_GRP 23620	55.90 3.40 -16.30	54.73 2.89 -21.39	46.18 2.68 -14.69	31.19 2.65 0.00	31.40 2.62 0.00	34.79 2.66 -2.20	55.60 3.64 -15.22	55.93 4.59 -16.29	57.78 4.90 -15.19	62.92 5.54 -14.08	63.23 6.20 -8.63	62.86 6.32 -6.74	62.23 6.89 -3.90	61.53 7.40 -0.49	62.55 7.63 0.00	70.95 8.24 -4.71	63.44 8.08 0.00	62.36 7.16 -4.45	61.46 6.40 -7.97	58.05 6.01 -7.20	58.39 6.26 -5.72	57.80 5.83 -8.49	57.35 4.89 -14.54	66.56 4.30 -20.12
HUDSON AVE_GT_3 23810	55.90 3.40 -16.30	54.73 2.89 -21.39	46.18 2.68 -14.69	31.19 2.65 0.00	31.40 2.62 0.00	34.79 2.66 -2.20	55.60 3.64 -15.22	55.93 4.59 -16.29	57.78 4.90 -15.19	62.92 5.54 -14.08	63.23 6.20 -8.63	62.86 6.32 -6.74	62.23 6.89 -3.90	61.53 7.40 -0.49	62.55 7.63 0.00	70.95 8.24 -4.71	63.44 8.08 0.00	62.36 7.16 -4.45	61.46 6.40 -7.97	58.05 6.01 -7.20	58.39 6.26 -5.72	57.80 5.83 -8.49	57.35 4.89 -14.54	66.56 4.30 -20.12
HUDSON AVE_GT_4 23540	55.90 3.40 -16.30	54.73 2.89 -21.39	46.18 2.68 -14.69	31.19 2.65 0.00	31.40 2.62 0.00	34.79 2.66 -2.20	55.60 3.64 -15.22	55.93 4.59 -16.29	57.78 4.90 -15.19	62.92 5.54 -14.08	63.23 6.20 -8.63	62.86 6.32 -6.74	62.23 6.89 -3.90	61.53 7.40 -0.49	62.55 7.63 0.00	70.95 8.24 -4.71	63.44 8.08 0.00	62.36 7.16 -4.45	61.46 6.40 -7.97	58.05 6.01 -7.20	58.39 6.26 -5.72	57.80 5.83 -8.49	57.35 4.89 -14.54	66.56 4.30 -20.12
HUDSON AVE_GT_5 23657	55.90 3.40 -16.30	54.73 2.89 -21.39	46.18 2.68 -14.69	31.19 2.65 0.00	31.40 2.62 0.00	34.79 2.66 -2.20	55.60 3.64 -15.22	55.93 4.59 -16.29	57.78 4.90 -15.19	62.92 5.54 -14.08	63.23 6.20 -8.63	62.86 6.32 -6.74	62.23 6.89 -3.90	61.53 7.40 -0.49	62.55 7.63 0.00	70.95 8.24 -4.71	63.44 8.08 0.00	62.36 7.16 -4.45	61.46 6.40 -7.97	58.05 6.01 -7.20	58.39 6.26 -5.72	57.80 5.83 -8.49	57.35 4.89 -14.54	66.56 4.30 -20.12
HUDSON_AVE_10 24168	56.01 3.51 -16.30	54.79 2.95 -21.39	46.24 2.74 -14.69	31.25 2.71 0.00	31.46 2.68 0.00	34.85 2.72 -2.20	55.67 3.71 -15.22	56.04 4.70 -16.29	57.89 5.01 -15.19	63.01 5.63 -14.08	63.37 6.34 -8.63	63.01 6.47 -6.74	62.39 7.05 -3.90	61.69 7.56 -0.49	62.72 7.80 0.00	71.12 8.41 -4.71	63.61 8.25 0.00	62.51 7.31 -4.45	61.61 6.55 -7.97	58.18 6.14 -7.20	58.53 6.40 -5.72	57.93 5.96 -8.49	57.47 5.01 -14.54	66.64 4.38 -20.12
HUNTLEY___63 23557	32.80 -3.40 0.00	27.65 -2.80 0.00	25.90 -2.91 0.00	25.77 -2.77 0.00	25.96 -2.82 0.00	27.57 -2.36 0.00	32.48 -4.26 0.00	32.39 -2.66 0.00	35.12 -3.62 -1.05	39.10 -4.20 0.00	43.27 -5.13 0.00	44.67 -5.13 0.00	45.22 -6.22 0.00	48.01 -5.63 0.00	49.26 -5.66 0.00	50.81 -7.19 0.00	50.21 -5.15 0.00	46.23 -4.52 0.00	41.67 -5.42 0.00	39.95 -4.89 0.00	42.28 -4.13 0.00	39.39 -4.09 0.00	36.10 -1.82 0.00	37.93 -4.21 0.00
HUNTLEY___64 23558	32.80 -3.40 0.00	27.65 -2.80 0.00	25.90 -2.91 0.00	25.77 -2.77 0.00	25.96 -2.82 0.00	27.57 -2.36 0.00	32.48 -4.26 0.00	32.39 -2.66 0.00	35.12 -3.62 -1.05	39.10 -4.20 0.00	43.27 -5.13 0.00	44.67 -5.13 0.00	45.22 -6.22 0.00	48.01 -5.63 0.00	49.26 -5.66 0.00	50.81 -7.19 0.00	50.21 -5.15 0.00	46.23 -4.52 0.00	41.67 -5.42 0.00	39.95 -4.89 0.00	42.28 -4.13 0.00	39.39 -4.09 0.00	36.10 -1.82 0.00	37.93 -4.21 0.00
HUNTLEY___65 23559	32.80 -3.40 0.00	27.65 -2.80 0.00	25.90 -2.91 0.00	25.77 -2.77 0.00	25.96 -2.82 0.00	27.57 -2.36 0.00	32.48 -4.26 0.00	32.39 -2.66 0.00	35.12 -3.62 -1.05	39.10 -4.20 0.00	43.27 -5.13 0.00	44.67 -5.13 0.00	45.22 -6.22 0.00	48.01 -5.63 0.00	49.26 -5.66 0.00	50.81 -7.19 0.00	50.21 -5.15 0.00	46.23 -4.52 0.00	41.67 -5.42 0.00	39.95 -4.89 0.00	42.28 -4.13 0.00	39.39 -4.09 0.00	36.10 -1.82 0.00	37.93 -4.21 0.00
HUNTLEY___66 23560	32.80 -3.40 0.00	27.65 -2.80 0.00	25.90 -2.91 0.00	25.77 -2.77 0.00	25.96 -2.82 0.00	27.57 -2.36 0.00	32.48 -4.26 0.00	32.39 -2.66 0.00	35.12 -3.62 -1.05	39.10 -4.20 0.00	43.27 -5.13 0.00	44.67 -5.13 0.00	45.22 -6.22 0.00	48.01 -5.63 0.00	49.26 -5.66 0.00	50.81 -7.19 0.00	50.21 -5.15 0.00	46.23 -4.52 0.00	41.67 -5.42 0.00	39.95 -4.89 0.00	42.28 -4.13 0.00	39.39 -4.09 0.00	36.10 -1.82 0.00	37.93 -4.21 0.00
HUNTLEY___67 23561	32.33 -3.87 0.00	27.28 -3.17 0.00	25.58 -3.23 0.00	25.43 -3.11 0.00	25.64 -3.14 0.00	27.18 -2.75 0.00	32.00 -4.74 0.00	31.76 -3.29 0.00	34.37 -4.37 -1.05	38.36 -4.94 0.00	42.59 -5.81 0.00	43.97 -5.83 0.00	44.50 -6.94 0.00	47.20 -6.44 0.00	48.49 -6.43 0.00	50.05 -7.95 0.00	49.44 -5.92 0.00	45.57 -5.18 0.00	41.11 -5.98 0.00	39.41 -5.43 0.00	41.58 -4.83 0.00	38.52 -4.96 0.00	35.19 -2.73 0.00	37.17 -4.97 0.00
HUNTLEY___68 23562	32.33 -3.87 0.00	27.28 -3.17 0.00	25.58 -3.23 0.00	25.43 -3.11 0.00	25.64 -3.14 0.00	27.18 -2.75 0.00	32.00 -4.74 0.00	31.76 -3.29 0.00	34.37 -4.37 -1.05	38.36 -4.94 0.00	42.59 -5.81 0.00	43.97 -5.83 0.00	44.50 -6.94 0.00	47.20 -6.44 0.00	48.49 -6.43 0.00	50.05 -7.95 0.00	49.44 -5.92 0.00	45.57 -5.18 0.00	41.11 -5.98 0.00	39.41 -5.43 0.00	41.58 -4.83 0.00	38.52 -4.96 0.00	35.19 -2.73 0.00	37.17 -4.97 0.00
INDECK___CORINTH 23802	39.28 3.08 0.00	32.92 2.47 0.00	31.06 2.25 0.00	30.77 2.23 0.00	31.00 2.22 0.00	32.29 2.36 0.00	39.79 3.05 0.00	37.85 2.80 0.00	50.07 3.17 -9.21	46.68 3.38 0.00	51.84 3.44 0.00	53.04 3.24 0.00	54.32 2.88 0.00	56.59 2.95 0.00	58.00 3.08 0.00	61.33 2.96 -0.37	58.18 2.82 0.00	53.39 2.64 0.00	49.19 2.03 -0.07	46.81 1.97 0.00	49.10 2.69 0.00	46.13 2.65 0.00	40.50 2.58 0.00	45.09 2.95 0.00



INDECK___ILION 23567	37.58 1.38 0.00	31.55 1.10 0.00	29.82 1.01 0.00	29.54 1.00 0.00	29.76 0.98 0.00	31.04 1.11 0.00	38.21 1.47 0.00	36.45 1.40 0.00	39.05 1.55 0.19	45.25 1.95 0.00	50.63 2.23 0.00	52.14 2.34 0.00	53.75 2.31 0.00	56.16 2.52 0.00	57.67 2.75 0.00	60.78 2.78 0.00	58.13 2.77 0.00	53.29 2.54 0.00	49.21 2.12 0.00	46.86 2.02 0.00	48.59 2.18 0.00	45.39 1.91 0.00	39.66 1.74 0.00	43.83 1.69 0.00
INDECK___OLEAN 23982	34.72 -1.48 0.00	29.41 -1.04 0.00	27.40 -1.41 0.00	27.31 -1.23 0.00	27.54 -1.24 0.00	29.45 -0.48 0.00	34.83 -1.91 0.00	36.00 0.95 0.00	39.31 0.41 -1.21	44.12 0.82 0.00	49.13 0.73 0.00	51.29 1.49 0.00	52.06 0.62 0.00	55.84 2.20 0.00	57.28 2.36 0.00	59.10 1.10 0.00	58.02 2.66 0.00	53.39 2.64 0.00	47.18 0.09 0.00	44.88 0.04 0.00	47.29 0.88 0.00	43.91 0.43 0.00	39.97 2.05 0.00	40.45 -1.69 0.00
INDECK___OSWEGO 23783	35.48 -0.72 0.00	29.84 -0.61 0.00	28.15 -0.66 0.00	27.88 -0.66 0.00	28.12 -0.66 0.00	29.36 -0.57 0.00	35.97 -0.77 0.00	34.52 -0.53 0.00	37.59 -0.60 -0.50	42.78 -0.52 0.00	47.87 -0.53 0.00	49.20 -0.60 0.00	50.36 -1.08 0.00	52.46 -1.18 0.00	53.71 -1.21 0.00	56.49 -1.51 0.00	54.25 -1.11 0.00	50.14 -0.61 0.00	46.20 -0.89 0.00	44.03 -0.81 0.00	45.71 -0.70 0.00	42.74 -0.74 0.00	37.58 -0.34 0.00	41.21 -0.93 0.00
INDECK___YERKES 23781	32.80 -3.40 0.00	27.65 -2.80 0.00	25.90 -2.91 0.00	25.77 -2.77 0.00	25.96 -2.82 0.00	27.57 -2.36 0.00	32.48 -4.26 0.00	32.39 -2.66 0.00	35.12 -3.62 -1.05	39.10 -4.20 0.00	43.27 -5.13 0.00	44.67 -5.13 0.00	45.22 -6.22 0.00	48.01 -5.63 0.00	49.26 -5.66 0.00	50.81 -7.19 0.00	50.21 -5.15 0.00	46.23 -4.52 0.00	41.67 -5.42 0.00	39.95 -4.89 0.00	42.28 -4.13 0.00	39.39 -4.09 0.00	36.10 -1.82 0.00	37.93 -4.21 0.00
INDIAN POINT_GT_1 24139	39.34 2.64 -0.50	33.35 2.25 -0.65	31.33 2.07 -0.45	30.59 2.05 0.00	30.79 2.01 0.00	32.01 2.01 -0.07	40.10 2.90 -0.46	39.37 3.82 -0.50	48.97 4.11 -7.17	47.43 4.55 0.42	53.32 5.18 0.26	54.88 5.28 0.20	57.13 5.81 0.12	59.85 6.22 0.01	61.40 6.48 0.00	69.73 7.08 -4.65	62.34 6.98 0.00	56.71 6.09 0.13	52.74 5.42 -0.23	50.13 5.07 -0.22	51.87 5.29 -0.17	48.61 4.87 -0.26	42.38 4.02 -0.44	46.16 3.41 -0.61
INDIAN POINT_GT_2 23659	39.34 2.64 -0.50	33.35 2.25 -0.65	31.33 2.07 -0.45	30.59 2.05 0.00	30.79 2.01 0.00	32.01 2.01 -0.07	40.10 2.90 -0.46	39.37 3.82 -0.50	48.97 4.11 -7.17	47.43 4.55 0.42	53.32 5.18 0.26	54.88 5.28 0.20	57.13 5.81 0.12	59.85 6.22 0.01	61.40 6.48 0.00	69.73 7.08 -4.65	62.34 6.98 0.00	56.71 6.09 0.13	52.74 5.42 -0.23	50.13 5.07 -0.22	51.87 5.29 -0.17	48.61 4.87 -0.26	42.38 4.02 -0.44	46.16 3.41 -0.61
INDIAN POINT_GT_3 24019	39.34 2.64 -0.50	33.35 2.25 -0.65	31.33 2.07 -0.45	30.59 2.05 0.00	30.79 2.01 0.00	32.01 2.01 -0.07	40.10 2.90 -0.46	39.37 3.82 -0.50	48.97 4.11 -7.17	47.43 4.55 0.42	53.32 5.18 0.26	54.88 5.28 0.20	57.13 5.81 0.12	59.85 6.22 0.01	61.40 6.48 0.00	69.73 7.08 -4.65	62.34 6.98 0.00	56.71 6.09 0.13	52.74 5.42 -0.23	50.13 5.07 -0.22	51.87 5.29 -0.17	48.61 4.87 -0.26	42.38 4.02 -0.44	46.16 3.41 -0.61
INDIAN POINT___2 23530	39.09 2.39 -0.50	33.11 2.01 -0.65	31.13 1.87 -0.45	30.39 1.85 0.00	30.56 1.78 0.00	31.80 1.80 -0.07	39.81 2.61 -0.46	39.13 3.58 -0.50	48.60 3.81 -7.10	47.04 4.20 0.46	52.91 4.79 0.28	54.41 4.83 0.22	56.71 5.40 0.13	59.41 5.79 0.02	60.91 5.99 0.00	69.02 6.55 -4.47	61.78 6.42 0.00	56.23 5.63 0.15	52.27 4.99 -0.19	49.77 4.71 -0.22	51.45 4.87 -0.17	48.22 4.48 -0.26	42.08 3.72 -0.44	45.83 3.08 -0.61
INDIAN POINT___3 23531	39.05 2.35 -0.50	33.08 1.98 -0.65	31.10 1.84 -0.45	30.37 1.83 0.00	30.56 1.78 0.00	31.77 1.77 -0.07	39.77 2.57 -0.46	39.06 3.51 -0.50	48.59 3.73 -7.17	47.04 4.16 0.42	52.83 4.69 0.26	54.38 4.78 0.20	56.62 5.30 0.12	59.32 5.69 0.01	60.80 5.88 0.00	69.09 6.44 -4.65	61.67 6.31 0.00	56.15 5.53 0.13	52.26 4.94 -0.23	49.68 4.62 -0.22	51.41 4.83 -0.17	48.17 4.43 -0.26	42.04 3.68 -0.44	45.78 3.03 -0.61
INDIAN PT_GT_GRP 23687	39.34 2.64 -0.50	33.35 2.25 -0.65	31.33 2.07 -0.45	30.59 2.05 0.00	30.79 2.01 0.00	32.01 2.01 -0.07	40.10 2.90 -0.46	39.37 3.82 -0.50	48.97 4.11 -7.17	47.43 4.55 0.42	53.32 5.18 0.26	54.88 5.28 0.20	57.13 5.81 0.12	59.85 6.22 0.01	61.40 6.48 0.00	69.73 7.08 -4.65	62.34 6.98 0.00	56.71 6.09 0.13	52.74 5.42 -0.23	50.13 5.07 -0.22	51.87 5.29 -0.17	48.61 4.87 -0.26	42.38 4.02 -0.44	46.16 3.41 -0.61
IP CORINTH___1 23988	39.28 3.08 0.00	32.92 2.47 0.00	31.06 2.25 0.00	30.77 2.23 0.00	31.00 2.22 0.00	32.29 2.36 0.00	39.79 3.05 0.00	37.85 2.80 0.00	50.07 3.17 -9.21	46.68 3.38 0.00	51.84 3.44 0.00	53.04 3.24 0.00	54.32 2.88 0.00	56.59 2.95 0.00	58.00 3.08 0.00	61.33 2.96 -0.37	58.18 2.82 0.00	53.39 2.64 0.00	49.19 2.03 -0.07	46.81 1.97 0.00	49.10 2.69 0.00	46.13 2.65 0.00	40.50 2.58 0.00	45.13 2.99 0.00
IP___TICONDEROGA 23804	40.22 4.02 0.00	33.74 3.29 0.00	31.86 3.05 0.00	31.56 3.02 0.00	31.77 2.99 0.00	33.10 3.17 0.00	40.67 3.93 0.00	39.05 4.00 0.00	50.95 4.33 -8.93	48.32 5.02 0.00	53.87 5.47 0.00	55.33 5.53 0.00	56.94 5.50 0.00	59.27 5.63 0.00	60.69 5.77 0.00	64.67 5.97 -0.70	61.06 5.70 0.00	56.13 5.38 0.00	51.85 4.66 -0.10	49.28 4.44 0.00	51.28 4.87 0.00	48.09 4.61 0.00	42.02 4.10 0.00	46.35 4.21 0.00
JARVIS____ 23743	36.56 0.36 0.00	30.72 0.27 0.00	29.07 0.26 0.00	28.80 0.26 0.00	29.04 0.26 0.00	30.20 0.27 0.00	37.07 0.33 0.00	35.37 0.32 0.00	37.80 0.30 0.19	43.69 0.39 0.00	48.84 0.44 0.00	50.25 0.45 0.00	51.90 0.46 0.00	54.12 0.48 0.00	55.58 0.66 0.00	58.64 0.64 0.00	56.02 0.66 0.00	51.36 0.61 0.00	47.56 0.47 0.00	45.33 0.49 0.00	46.92 0.51 0.00	43.91 0.43 0.00	38.38 0.46 0.00	42.52 0.38 0.00
JENNISON___1 23625	37.03 0.83 0.00	31.15 0.70 0.00	29.30 0.49 0.00	29.08 0.54 0.00	29.30 0.52 0.00	30.74 0.81 0.00	37.62 0.88 0.00	36.28 1.23 0.00	41.40 1.32 -2.39	45.21 1.91 0.00	50.58 2.18 0.00	52.34 2.54 0.00	53.60 2.16 0.00	56.38 2.74 0.00	57.78 2.86 0.00	60.61 2.61 0.00	58.35 2.99 0.00	53.44 2.69 0.00	48.70 1.60 -0.01	46.27 1.43 0.00	48.17 1.76 0.00	44.91 1.43 0.00	39.82 1.90 0.00	43.11 0.97 0.00
JENNISON___2 23626	36.96 0.76 0.00	31.09 0.64 0.00	29.24 0.43 0.00	29.03 0.49 0.00	29.24 0.46 0.00	30.68 0.75 0.00	37.55 0.81 0.00	36.24 1.19 0.00	41.32 1.24 -2.39	45.12 1.82 0.00	50.48 2.08 0.00	52.24 2.44 0.00	53.50 2.06 0.00	56.27 2.63 0.00	57.67 2.75 0.00	60.55 2.55 0.00	58.24 2.88 0.00	53.34 2.59 0.00	48.61 1.51 -0.01	46.23 1.39 0.00	48.08 1.67 0.00	44.87 1.39 0.00	39.74 1.82 0.00	43.03 0.89 0.00
KEDC PORT_JEFF_GT2 24210	53.37 3.95 -13.22	51.85 3.32 -18.08	50.61 3.05 -18.75	50.17 3.05 -18.58	50.04 3.02 -18.24	50.43 2.96 -17.54	51.66 3.97 -10.95	54.55 4.70 -14.80	56.06 4.86 -13.51	58.44 5.41 -9.73	67.74 6.05 -13.29	68.90 5.18 -13.92	80.21 5.97 -22.80	92.18 6.22 -32.32	98.74 6.59 -37.23	102.09 7.08 -37.01	107.59 7.03 -45.20	92.45 6.14 -35.56	90.19 5.46 -37.64	70.58 5.07 -20.67	75.21 5.34 -23.46	70.63 4.96 -22.19	69.29 4.89 -26.48	56.03 4.38 -9.51



KEDC PORT_JEFF_GT3 24211	53.37 3.95 -13.22	51.85 3.32 -18.08	50.61 3.05 -18.75	50.17 3.05 -18.58	50.04 3.02 -18.24	50.43 2.96 -17.54	51.66 3.97 -10.95	54.55 4.70 -14.80	56.06 4.86 -13.51	58.44 5.41 -9.73	67.74 6.05 -13.29	68.90 5.18 -13.92	80.21 5.97 -22.80	92.18 6.22 -32.32	98.74 6.59 -37.23	102.09 7.08 -37.01	107.65 7.09 -45.20	92.50 6.19 -35.56	90.24 5.51 -37.64	70.62 5.11 -20.67	75.21 5.34 -23.46	70.63 4.96 -22.19	69.29 4.89 -26.48	56.03 4.38 -9.51
KEDC_GLWD_GT4 24219	54.26 3.55 -14.51	52.75 2.98 -19.32	50.33 2.77 -18.75	49.86 2.74 -18.58	49.73 2.71 -18.24	50.23 2.75 -17.55	52.80 3.71 -12.35	56.05 4.73 -16.27	57.97 5.05 -15.23	60.60 5.67 -11.63	69.18 6.20 -14.58	71.84 5.88 -16.16	82.45 6.38 -24.63	92.77 6.81 -32.32	99.23 7.08 -37.23	102.67 7.66 -37.01	108.03 7.47 -45.20	92.96 6.65 -35.56	90.97 5.93 -37.95	74.35 5.60 -23.91	78.22 5.80 -26.01	73.50 5.39 -24.63	69.57 4.97 -26.68	60.87 4.55 -14.18
KEDC_GLWD_GT5 24220	54.26 3.55 -14.51	52.75 2.98 -19.32	50.33 2.77 -18.75	49.86 2.74 -18.58	49.73 2.71 -18.24	50.23 2.75 -17.55	52.80 3.71 -12.35	56.05 4.73 -16.27	57.97 5.05 -15.23	60.60 5.67 -11.63	68.79 5.81 -14.58	71.89 5.93 -16.16	82.45 6.38 -24.63	92.83 6.87 -32.32	99.23 7.08 -37.23	102.67 7.66 -37.01	108.09 7.53 -45.20	93.01 6.70 -35.56	90.97 5.93 -37.95	74.35 5.60 -23.91	78.22 5.80 -26.01	73.50 5.39 -24.63	69.26 4.66 -26.68	60.87 4.55 -14.18
KENSICO____ 23655	39.73 2.90 -0.63	33.75 2.47 -0.83	31.66 2.28 -0.57	30.79 2.25 0.00	31.00 2.22 0.00	32.24 2.22 -0.09	40.45 3.12 -0.59	39.78 4.10 -0.63	49.35 4.37 -7.29	47.65 4.89 0.54	53.59 5.52 0.33	55.12 5.58 0.26	57.46 6.17 0.15	60.22 6.60 0.02	61.73 6.81 0.00	70.13 7.42 -4.71	62.61 7.25 0.00	56.97 6.39 0.17	52.96 5.70 -0.17	50.50 5.38 -0.28	52.25 5.62 -0.22	48.98 5.17 -0.33	42.80 4.32 -0.56	46.63 3.71 -0.78
KIAC_JFK_AIRPORT 23541	67.80 3.62 -27.98	64.21 3.05 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.49 2.76 -27.95	64.17 2.81 -31.43	67.80 3.82 -27.24	69.13 4.80 -29.28	75.50 5.09 -32.72	117.19 5.72 -68.17	116.89 6.44 -62.05	117.49 6.62 -61.07	117.61 7.20 -58.97	122.18 7.67 -60.87	122.20 7.91 -59.37	122.17 8.53 -55.64	122.20 8.36 -58.48	117.45 7.41 -59.29	116.84 6.59 -63.16	73.54 6.23 -22.47	74.67 6.54 -21.72	73.37 6.04 -23.85	58.34 5.16 -15.26	71.33 4.51 -24.68
KIAC_JFK_GT1 23816	67.80 3.62 -27.98	64.21 3.05 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.49 2.76 -27.95	64.17 2.81 -31.43	67.80 3.82 -27.24	69.13 4.80 -29.28	75.50 5.09 -32.72	117.19 5.72 -68.17	116.89 6.44 -62.05	117.49 6.62 -61.07	117.61 7.20 -58.97	122.18 7.67 -60.87	122.20 7.91 -59.37	122.17 8.53 -55.64	122.20 8.36 -58.48	117.45 7.41 -59.29	116.84 6.59 -63.16	73.54 6.23 -22.47	74.67 6.54 -21.72	73.37 6.04 -23.85	58.34 5.16 -15.26	71.33 4.51 -24.68
KIAC_JFK_GT2 23817	67.80 3.62 -27.98	64.21 3.05 -30.71	62.64 2.82 -31.01	62.62 2.80 -31.28	59.49 2.76 -27.95	64.17 2.81 -31.43	67.80 3.82 -27.24	69.13 4.80 -29.28	75.50 5.09 -32.72	117.19 5.72 -68.17	116.89 6.44 -62.05	117.49 6.62 -61.07	117.61 7.20 -58.97	122.18 7.67 -60.87	122.20 7.91 -59.37	122.17 8.53 -55.64	122.20 8.36 -58.48	117.45 7.41 -59.29	116.84 6.59 -63.16	73.54 6.23 -22.47	74.67 6.54 -21.72	73.37 6.04 -23.85	58.34 5.16 -15.26	71.33 4.51 -24.68
KINTIGH____ 23543	32.44 -3.76 0.00	27.31 -3.14 0.00	25.67 -3.14 0.00	25.49 -3.05 0.00	25.70 -3.08 0.00	27.12 -2.81 0.00	32.22 -4.52 0.00	31.33 -3.72 0.00	33.96 -4.60 -0.87	38.10 -5.20 0.00	42.40 -6.00 0.00	43.67 -6.13 0.00	44.29 -7.15 0.00	46.72 -6.92 0.00	47.95 -6.97 0.00	49.71 -8.29 0.00	48.88 -6.48 0.00	44.96 -5.79 0.00	40.92 -6.17 0.00	39.28 -5.56 0.00	41.31 -5.10 0.00	38.31 -5.17 0.00	34.73 -3.19 0.00	37.29 -4.85 0.00
LEDERLE____ 23769	38.95 2.75 0.00	32.76 2.31 0.00	30.94 2.13 0.00	30.65 2.11 0.00	30.85 2.07 0.00	32.00 2.07 0.00	39.75 3.01 0.00	39.15 4.10 0.00	48.76 4.33 -6.74	48.11 4.81 0.00	53.92 5.52 0.00	55.43 5.63 0.00	57.66 6.22 0.00	60.29 6.65 0.00	61.89 6.97 0.00	69.80 7.54 -4.26	62.78 7.42 0.00	57.25 6.50 0.00	53.30 5.79 -0.42	50.13 5.29 0.00	51.93 5.52 0.00	48.52 5.04 0.00	42.17 4.25 0.00	45.68 3.54 0.00
LINDEN COGEN____ 23786	55.61 3.11 -16.30	54.49 2.65 -21.39	45.95 2.45 -14.69	30.97 2.43 0.00	31.17 2.39 0.00	34.55 2.42 -2.20	55.30 3.34 -15.22	55.65 4.31 -16.29	57.48 4.60 -15.19	62.53 5.15 -14.08	62.79 5.76 -8.63	62.42 5.88 -6.74	61.77 6.43 -3.90	61.00 6.87 -0.49	62.00 7.08 0.00	70.37 7.66 -4.71	62.89 7.53 0.00	61.90 6.70 -4.45	61.04 5.98 -7.97	57.69 5.65 -7.20	58.02 5.89 -5.72	57.40 5.43 -8.49	57.01 4.55 -14.54	66.22 3.96 -20.12
LIPA_MISC_IPP 23656	53.33 3.91 -13.22	51.82 3.29 -18.08	50.59 3.03 -18.75	50.14 3.02 -18.58	50.01 2.99 -18.24	50.46 2.99 -17.54	51.69 4.00 -10.95	54.72 4.87 -14.80	56.21 5.01 -13.51	58.53 5.50 -9.73	67.79 6.10 -13.29	69.70 5.98 -13.92	81.03 6.79 -22.80	93.04 7.08 -32.32	99.62 7.47 -37.23	103.01 8.00 -37.01	108.53 7.97 -45.20	93.36 7.05 -35.56	90.99 6.26 -37.64	71.29 5.78 -20.67	75.95 6.08 -23.46	71.37 5.70 -22.19	69.41 5.01 -26.48	56.20 4.55 -9.51
LITTLE FALLS___HYD 24013	38.63 2.43 0.00	32.40 1.95 0.00	30.57 1.76 0.00	30.28 1.74 0.00	30.54 1.76 0.00	31.94 2.01 0.00	39.39 2.65 0.00	37.75 2.70 0.00	40.52 3.02 0.19	47.02 3.72 0.00	52.66 4.26 0.00	54.28 4.48 0.00	55.92 4.48 0.00	58.52 4.88 0.00	60.08 5.16 0.00	63.28 5.28 0.00	60.56 5.20 0.00	55.52 4.77 0.00	51.19 4.10 0.00	48.70 3.86 0.00	50.54 4.13 0.00	47.13 3.65 0.00	41.14 3.22 0.00	45.17 3.03 0.00
LONG_LAKE_PHOENIX 24014	35.66 -0.54 0.00	29.99 -0.46 0.00	28.29 -0.52 0.00	28.03 -0.51 0.00	28.23 -0.55 0.00	29.51 -0.42 0.00	36.15 -0.59 0.00	34.80 -0.25 0.00	37.93 -0.26 -0.50	43.17 -0.13 0.00	48.30 -0.10 0.00	49.80 0.00 0.00	51.08 -0.36 0.00	53.37 -0.27 0.00	54.59 -0.33 0.00	57.42 -0.58 0.00	55.14 -0.22 0.00	50.60 -0.15 0.00	46.57 -0.52 0.00	44.35 -0.49 0.00	46.13 -0.28 0.00	43.09 -0.39 0.00	37.88 -0.04 0.00	41.42 -0.72 0.00
LOVETT___3 23632	38.55 2.35 0.00	32.46 2.01 0.00	30.65 1.84 0.00	30.37 1.83 0.00	30.56 1.78 0.00	31.70 1.77 0.00	39.35 2.61 0.00	38.66 3.61 0.00	48.20 3.73 -6.78	47.41 4.11 0.00	53.09 4.69 0.00	54.53 4.73 0.00	56.79 5.35 0.00	59.33 5.69 0.00	60.85 5.93 0.00	68.84 6.50 -4.34	61.73 6.37 0.00	56.28 5.53 0.00	52.46 4.94 -0.43	49.41 4.57 0.00	51.19 4.78 0.00	47.83 4.35 0.00	41.64 3.72 0.00	45.22 3.08 0.00
LOVETT___4 23642	38.63 2.43 0.00	32.49 2.04 0.00	30.71 1.90 0.00	30.42 1.88 0.00	30.59 1.81 0.00	31.73 1.80 0.00	39.39 2.65 0.00	38.70 3.65 0.00	48.24 3.77 -6.78	47.46 4.16 0.00	53.14 4.74 0.00	54.58 4.78 0.00	56.79 5.35 0.00	59.38 5.74 0.00	60.91 5.99 0.00	68.84 6.50 -4.34	61.78 6.42 0.00	56.33 5.58 0.00	52.51 4.99 -0.43	49.46 4.62 0.00	51.24 4.83 0.00	47.91 4.43 0.00	41.67 3.75 0.00	45.30 3.16 0.00
LOVETT___5 23593	38.63 2.43 0.00	32.49 2.04 0.00	30.71 1.90 0.00	30.42 1.88 0.00	30.59 1.81 0.00	31.73 1.80 0.00	39.39 2.65 0.00	38.70 3.65 0.00	48.24 3.77 -6.78	47.46 4.16 0.00	53.14 4.74 0.00	54.58 4.78 0.00	56.79 5.35 0.00	59.38 5.74 0.00	60.91 5.99 0.00	68.84 6.50 -4.34	61.78 6.42 0.00	56.33 5.58 0.00	52.51 4.99 -0.43	49.46 4.62 0.00	51.24 4.83 0.00	47.91 4.43 0.00	41.67 3.75 0.00	45.30 3.16 0.00



LOWER RAQUET___HYD 24057	35.11 -1.09 0.00	29.51 -0.94 0.00	27.97 -0.84 0.00	27.68 -0.86 0.00	27.97 -0.81 0.00	29.06 -0.87 0.00	35.89 -0.85 0.00	32.70 -2.35 0.00	35.47 -2.22 0.00	40.75 -2.55 0.00	45.59 -2.81 0.00	46.86 -2.94 0.00	48.56 -2.88 0.00	50.64 -3.00 0.00	51.57 -3.35 0.00	54.81 -3.19 0.00	51.54 -3.82 0.00	47.25 -3.50 0.00	44.64 -2.45 0.00	42.37 -2.47 0.00	44.32 -2.09 0.00	41.83 -1.65 0.00	35.87 -2.05 0.00	40.96 -1.18 0.00
LOWER___HUDSON 24059	38.84 2.64 0.00	32.61 2.16 0.00	30.83 2.02 0.00	30.54 2.00 0.00	30.77 1.99 0.00	32.00 2.07 0.00	39.28 2.54 0.00	37.78 2.73 0.00	49.54 2.94 -8.91	46.76 3.46 0.00	52.13 3.73 0.00	53.58 3.78 0.00	55.25 3.81 0.00	57.56 3.92 0.00	58.98 4.06 0.00	62.42 4.18 -0.24	59.46 4.10 0.00	54.51 3.76 0.00	50.40 3.25 -0.06	48.02 3.18 0.00	49.84 3.43 0.00	46.65 3.17 0.00	40.76 2.84 0.00	44.88 2.74 0.00
MG INDUSTRY___DRP 24185	37.97 1.77 0.00	31.94 1.49 0.00	30.19 1.38 0.00	29.91 1.37 0.00	30.13 1.35 0.00	31.31 1.38 0.00	38.32 1.58 0.00	37.01 1.96 0.00	48.56 2.11 -8.76	45.77 2.47 0.00	51.11 2.71 0.00	52.54 2.74 0.00	54.32 2.88 0.00	56.64 3.00 0.00	58.05 3.13 0.00	61.31 3.31 0.00	58.63 3.27 0.00	53.74 2.99 0.00	49.71 2.59 -0.03	47.31 2.47 0.00	49.01 2.60 0.00	45.87 2.39 0.00	40.04 2.12 0.00	43.95 1.81 0.00
MILLIKEN___1 23584	32.98 -3.22 0.00	27.74 -2.71 0.00	26.07 -2.74 0.00	25.83 -2.71 0.00	26.05 -2.73 0.00	27.39 -2.54 0.00	33.51 -3.23 0.00	32.28 -2.77 0.00	36.19 -2.64 -1.14	40.70 -2.60 0.00	45.64 -2.76 0.00	47.16 -2.64 0.00	48.10 -3.34 0.00	50.53 -3.11 0.00	51.79 -3.13 0.00	54.23 -3.77 0.00	52.26 -3.10 0.00	47.35 -3.40 0.00	43.23 -3.86 0.00	41.16 -3.68 0.00	42.93 -3.48 0.00	40.00 -3.48 0.00	35.45 -2.47 0.00	38.30 -3.84 0.00
MILLIKEN___2 23585	32.94 -3.26 0.00	27.71 -2.74 0.00	26.07 -2.74 0.00	25.80 -2.74 0.00	26.02 -2.76 0.00	27.36 -2.57 0.00	33.47 -3.27 0.00	32.25 -2.80 0.00	36.23 -2.60 -1.14	40.75 -2.55 0.00	45.64 -2.76 0.00	47.16 -2.64 0.00	48.15 -3.29 0.00	50.58 -3.06 0.00	51.79 -3.13 0.00	54.29 -3.71 0.00	52.26 -3.10 0.00	47.30 -3.45 0.00	43.18 -3.91 0.00	41.12 -3.72 0.00	42.93 -3.48 0.00	39.96 -3.52 0.00	35.42 -2.50 0.00	38.26 -3.88 0.00
MILLIKEN___DIESEL 23629	33.16 -3.04 0.00	27.89 -2.56 0.00	26.22 -2.59 0.00	25.97 -2.57 0.00	26.19 -2.59 0.00	27.54 -2.39 0.00	33.69 -3.05 0.00	32.46 -2.59 0.00	36.42 -2.41 -1.14	40.96 -2.34 0.00	45.88 -2.52 0.00	47.41 -2.39 0.00	48.41 -3.03 0.00	50.85 -2.79 0.00	52.06 -2.86 0.00	54.58 -3.42 0.00	52.59 -2.77 0.00	47.60 -3.15 0.00	43.46 -3.63 0.00	41.39 -3.45 0.00	43.21 -3.20 0.00	40.22 -3.26 0.00	35.64 -2.28 0.00	38.52 -3.62 0.00
MODEL_CITY_ENERGY 24167	32.40 -3.80 0.00	27.31 -3.14 0.00	25.64 -3.17 0.00	25.49 -3.05 0.00	25.67 -3.11 0.00	27.21 -2.72 0.00	32.04 -4.70 0.00	31.61 -3.44 0.00	34.22 -4.48 -1.01	38.23 -5.07 0.00	42.45 -5.95 0.00	43.72 -6.08 0.00	44.24 -7.20 0.00	46.88 -6.76 0.00	48.16 -6.76 0.00	49.71 -8.29 0.00	49.16 -6.20 0.00	45.32 -5.43 0.00	40.97 -6.12 0.00	39.32 -5.52 0.00	41.54 -4.87 0.00	38.44 -5.04 0.00	35.15 -2.77 0.00	37.29 -4.85 0.00
MOHAWK_PAPER___DRP 24187	39.06 2.86 0.00	32.83 2.38 0.00	31.00 2.19 0.00	30.71 2.17 0.00	30.94 2.16 0.00	32.20 2.27 0.00	39.46 2.72 0.00	37.96 2.91 0.00	49.85 3.17 -8.99	47.07 3.77 0.00	52.47 4.07 0.00	53.98 4.18 0.00	55.61 4.17 0.00	57.99 4.35 0.00	59.42 4.50 0.00	62.64 4.64 0.00	59.90 4.54 0.00	54.91 4.16 0.00	50.75 3.63 -0.03	48.34 3.50 0.00	50.12 3.71 0.00	46.87 3.39 0.00	41.03 3.11 0.00	45.13 2.99 0.00
MONGAUP___HYD 23641	37.29 1.09 0.00	31.39 0.94 0.00	29.62 0.81 0.00	29.31 0.77 0.00	29.47 0.69 0.00	30.50 0.57 0.00	38.25 1.51 0.00	38.06 3.01 0.00	47.30 3.24 -6.37	46.63 3.33 0.00	52.66 4.26 0.00	53.98 4.18 0.00	56.48 5.04 0.00	59.00 5.36 0.00	60.85 5.93 0.00	67.87 6.21 -3.66	61.50 6.14 0.00	55.88 5.13 0.00	52.16 4.71 -0.36	48.65 3.81 0.00	50.40 3.99 0.00	46.87 3.39 0.00	40.57 2.65 0.00	43.87 1.73 0.00
MONTAUK___DIESEL 23721	55.21 5.79 -13.22	53.28 4.75 -18.08	51.88 4.32 -18.75	51.40 4.28 -18.58	51.28 4.26 -18.24	51.87 4.40 -17.54	53.61 5.92 -10.95	57.11 7.26 -14.80	59.04 7.84 -13.51	62.08 9.05 -9.73	71.95 10.26 -13.29	74.28 10.56 -13.92	85.97 11.73 -22.80	98.35 12.39 -32.32	105.11 12.96 -37.23	108.76 13.75 -37.01	114.12 13.56 -45.20	98.44 12.13 -35.56	95.42 10.69 -37.64	75.42 9.91 -20.67	80.31 10.44 -23.46	75.37 9.70 -22.19	72.67 8.27 -26.48	58.98 7.33 -9.51
N SALMON___HYD 24042	34.72 -1.48 0.00	29.20 -1.25 0.00	27.72 -1.09 0.00	27.43 -1.11 0.00	27.72 -1.06 0.00	28.73 -1.20 0.00	35.45 -1.29 0.00	33.26 -1.79 0.00	35.99 -1.70 0.00	41.18 -2.12 0.00	46.03 -2.37 0.00	47.31 -2.49 0.00	49.13 -2.31 0.00	51.01 -2.63 0.00	51.79 -3.13 0.00	54.98 -3.02 0.00	51.76 -3.60 0.00	47.45 -3.30 0.00	44.83 -2.26 0.00	42.60 -2.24 0.00	44.00 -2.41 0.00	41.57 -1.91 0.00	35.53 -2.39 0.00	40.50 -1.64 0.00
N.E._GEN_SANDY PD 24062	37.18 2.24 1.26	32.34 1.89 0.00	30.57 1.76 0.00	30.28 1.74 0.00	30.51 1.73 0.00	31.67 1.74 0.00	39.02 2.28 0.00	37.85 2.80 0.00	48.97 2.98 -8.30	46.72 3.42 0.00	52.18 3.78 0.00	53.63 3.83 0.00	55.50 4.06 0.00	57.88 4.24 0.00	59.31 4.39 0.00	64.51 4.70 -1.81	59.95 4.59 0.00	54.91 4.16 0.00	50.96 3.67 -0.20	48.34 3.50 0.00	50.08 3.67 0.00	46.91 3.43 0.00	40.88 2.96 0.00	44.75 2.61 0.00
NARROWS_GT1_1 24228	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT1_2 24229	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT1_3 24230	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT1_4 24231	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69



NARROWS_GT1_5 24232	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT1_6 24233	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT1_7 24234	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT1_8 24235	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT1_GRP 23726	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT2_1 24236	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT2_2 24237	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT2_3 24238	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT2_4 24239	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT2_5 24240	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT2_6 24241	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT2_7 24242	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT2_8 24243	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NARROWS_GT2_GRP 23741	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69
NEG CAPITAL___MECHNVIL 23645	39.20 3.00 0.00	32.92 2.47 0.00	31.09 2.28 0.00	30.79 2.25 0.00	31.02 2.24 0.00	32.29 2.36 0.00	39.64 2.90 0.00	37.99 2.94 0.00	49.88 3.24 -8.95	47.11 3.81 0.00	52.47 4.07 0.00	53.93 4.13 0.00	55.50 4.06 0.00	57.82 4.18 0.00	59.26 4.34 0.00	62.69 4.41 -0.28	59.62 4.26 0.00	54.66 3.91 0.00	50.49 3.34 -0.06	48.11 3.27 0.00	49.98 3.57 0.00	46.78 3.30 0.00	40.95 3.03 0.00	45.22 3.08 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.64 -1.56 0.00	29.11 -1.34 0.00	27.43 -1.38 0.00	27.20 -1.34 0.00	27.40 -1.38 0.00	28.79 -1.14 0.00	34.72 -2.02 0.00	33.33 -1.72 0.00	36.21 -2.26 -0.78	40.92 -2.38 0.00	45.79 -2.61 0.00	47.16 -2.64 0.00	48.04 -3.40 0.00	50.42 -3.22 0.00	51.68 -3.24 0.00	54.00 -4.00 0.00	52.48 -2.88 0.00	48.11 -2.64 0.00	44.03 -3.06 0.00	42.24 -2.60 0.00	44.18 -2.23 0.00	41.05 -2.43 0.00	36.74 -1.18 0.00	39.91 -2.23 0.00



NEG CENTRAL___DRP 24199	34.90 -1.30 0.00	29.41 -1.04 0.00	27.69 -1.12 0.00	27.46 -1.08 0.00	27.69 -1.09 0.00	29.06 -0.87 0.00	35.27 -1.47 0.00	34.28 -0.77 0.00	37.38 -1.17 -0.86	42.22 -1.08 0.00	47.24 -1.16 0.00	48.80 -1.00 0.00	49.90 -1.54 0.00	52.51 -1.13 0.00	53.77 -1.15 0.00	56.32 -1.68 0.00	54.36 -1.00 0.00	49.99 -0.76 0.00	45.58 -1.51 0.00	43.45 -1.39 0.00	45.34 -1.07 0.00	42.26 -1.22 0.00	37.54 -0.38 0.00	40.41 -1.73 0.00
NEG CENTRAL___INDECK 23768	35.11 -1.09 0.00	29.48 -0.97 0.00	27.66 -1.15 0.00	27.48 -1.06 0.00	27.72 -1.06 0.00	29.30 -0.63 0.00	35.09 -1.65 0.00	34.14 -0.91 0.00	37.29 -1.58 -1.18	41.91 -1.39 0.00	46.95 -1.45 0.00	48.60 -1.20 0.00	49.18 -2.26 0.00	51.66 -1.98 0.00	52.89 -2.03 0.00	54.98 -3.02 0.00	53.75 -1.61 0.00	49.79 -0.96 0.00	44.92 -2.17 0.00	43.23 -1.61 0.00	45.39 -1.02 0.00	42.05 -1.43 0.00	38.03 0.11 0.00	40.41 -1.73 0.00
NEG CENTRAL___SENECA 23627	34.68 -1.52 0.00	29.26 -1.19 0.00	27.48 -1.33 0.00	27.28 -1.26 0.00	27.51 -1.27 0.00	28.97 -0.96 0.00	34.98 -1.76 0.00	34.17 -0.88 0.00	37.22 -1.43 -0.96	41.91 -1.39 0.00	46.85 -1.55 0.00	48.51 -1.29 0.00	49.54 -1.90 0.00	52.25 -1.39 0.00	53.49 -1.43 0.00	55.91 -2.09 0.00	54.14 -1.22 0.00	49.89 -0.86 0.00	45.25 -1.84 0.00	43.18 -1.66 0.00	45.11 -1.30 0.00	42.00 -1.48 0.00	37.50 -0.42 0.00	40.07 -2.07 0.00
NEG CENTRAL___STATE_STREET 24147	34.75 -1.45 0.00	29.20 -1.25 0.00	27.51 -1.30 0.00	27.26 -1.28 0.00	27.48 -1.30 0.00	28.82 -1.11 0.00	35.20 -1.54 0.00	33.96 -1.09 0.00	37.43 -1.09 -0.83	42.39 -0.91 0.00	47.48 -0.92 0.00	49.00 -0.80 0.00	50.10 -1.34 0.00	52.57 -1.07 0.00	53.82 -1.10 0.00	56.43 -1.57 0.00	54.42 -0.94 0.00	49.63 -1.12 0.00	45.35 -1.74 0.00	43.27 -1.57 0.00	45.16 -1.25 0.00	42.05 -1.43 0.00	37.28 -0.64 0.00	40.33 -1.81 0.00
NEG MILLWOOD___DRP 24198	38.59 2.39 0.00	32.49 2.04 0.00	30.71 1.90 0.00	30.45 1.91 0.00	30.62 1.84 0.00	31.73 1.80 0.00	39.72 2.98 0.00	38.94 3.89 0.00	49.02 4.18 -7.15	47.85 4.55 0.00	53.82 5.42 0.00	55.33 5.53 0.00	57.66 6.22 0.00	60.35 6.71 0.00	61.84 6.92 0.00	70.21 8.00 -4.21	63.22 7.86 0.00	57.20 6.45 0.00	53.30 5.79 -0.42	50.22 5.38 0.00	51.98 5.57 0.00	48.61 5.13 0.00	41.94 4.02 0.00	45.39 3.25 0.00
NEG NORTH_FLCN_SEA 23793	34.17 -2.03 0.00	28.74 -1.71 0.00	27.31 -1.50 0.00	27.00 -1.54 0.00	27.28 -1.50 0.00	28.28 -1.65 0.00	34.94 -1.80 0.00	33.05 -2.00 0.00	35.73 -1.96 0.00	40.88 -2.42 0.00	45.69 -2.71 0.00	46.96 -2.84 0.00	48.77 -2.67 0.00	50.53 -3.11 0.00	51.35 -3.57 0.00	54.46 -3.54 0.00	51.37 -3.99 0.00	47.15 -3.60 0.00	44.45 -2.64 0.00	42.24 -2.60 0.00	43.49 -2.92 0.00	41.09 -2.39 0.00	35.15 -2.77 0.00	39.86 -2.28 0.00
NEG NORTH_KES_CHATEGAY 23792	34.57 -1.63 0.00	29.08 -1.37 0.00	27.66 -1.15 0.00	27.34 -1.20 0.00	27.63 -1.15 0.00	28.61 -1.32 0.00	35.31 -1.43 0.00	33.37 -1.68 0.00	36.07 -1.62 0.00	41.22 -2.08 0.00	46.08 -2.32 0.00	47.36 -2.44 0.00	49.23 -2.21 0.00	51.01 -2.63 0.00	51.79 -3.13 0.00	54.98 -3.02 0.00	51.76 -3.60 0.00	47.50 -3.25 0.00	44.88 -2.21 0.00	42.60 -2.24 0.00	43.86 -2.55 0.00	41.39 -2.09 0.00	35.42 -2.50 0.00	40.37 -1.77 0.00
NEG NORTH___ALICE_FALLS 23915	34.35 -1.85 0.00	28.90 -1.55 0.00	27.43 -1.38 0.00	27.14 -1.40 0.00	27.43 -1.35 0.00	28.43 -1.50 0.00	35.12 -1.62 0.00	33.26 -1.79 0.00	35.99 -1.70 0.00	41.14 -2.16 0.00	45.98 -2.42 0.00	47.26 -2.54 0.00	49.13 -2.31 0.00	50.85 -2.79 0.00	51.73 -3.19 0.00	54.87 -3.13 0.00	51.71 -3.65 0.00	47.45 -3.30 0.00	44.74 -2.35 0.00	42.51 -2.33 0.00	43.76 -2.65 0.00	41.39 -2.09 0.00	35.34 -2.58 0.00	40.07 -2.07 0.00
NEG NORTH___LWR_SARANAC 23913	34.35 -1.85 0.00	28.90 -1.55 0.00	27.46 -1.35 0.00	27.14 -1.40 0.00	27.43 -1.35 0.00	28.43 -1.50 0.00	35.12 -1.62 0.00	33.26 -1.79 0.00	35.99 -1.70 0.00	41.14 -2.16 0.00	45.98 -2.42 0.00	47.26 -2.54 0.00	49.13 -2.31 0.00	50.85 -2.79 0.00	51.73 -3.19 0.00	54.87 -3.13 0.00	51.71 -3.65 0.00	47.45 -3.30 0.00	44.74 -2.35 0.00	42.51 -2.33 0.00	43.76 -2.65 0.00	41.39 -2.09 0.00	35.34 -2.58 0.00	40.07 -2.07 0.00
NEG NORTH___PLATTSBURG 23628	34.35 -1.85 0.00	28.90 -1.55 0.00	27.43 -1.38 0.00	27.14 -1.40 0.00	27.43 -1.35 0.00	28.43 -1.50 0.00	35.12 -1.62 0.00	33.26 -1.79 0.00	35.99 -1.70 0.00	41.14 -2.16 0.00	45.98 -2.42 0.00	47.26 -2.54 0.00	49.13 -2.31 0.00	50.85 -2.79 0.00	51.73 -3.19 0.00	54.87 -3.13 0.00	51.71 -3.65 0.00	47.45 -3.30 0.00	44.74 -2.35 0.00	42.51 -2.33 0.00	43.76 -2.65 0.00	41.39 -2.09 0.00	35.34 -2.58 0.00	40.07 -2.07 0.00
NEG WEST_LEA_LOCKPORT 23791	32.40 -3.80 0.00	27.31 -3.14 0.00	25.61 -3.20 0.00	25.46 -3.08 0.00	25.67 -3.11 0.00	27.21 -2.72 0.00	32.04 -4.70 0.00	31.65 -3.40 0.00	34.29 -4.41 -1.01	38.32 -4.98 0.00	42.54 -5.86 0.00	43.87 -5.93 0.00	44.34 -7.10 0.00	46.99 -6.65 0.00	48.27 -6.65 0.00	49.82 -8.18 0.00	49.27 -6.09 0.00	45.42 -5.33 0.00	41.01 -6.08 0.00	39.41 -5.43 0.00	41.58 -4.83 0.00	38.52 -4.96 0.00	35.23 -2.69 0.00	37.29 -4.85 0.00
NEG WEST___LANCASTR 23811	32.91 -3.29 0.00	27.77 -2.68 0.00	25.90 -2.91 0.00	25.86 -2.68 0.00	26.05 -2.73 0.00	27.77 -2.16 0.00	32.88 -3.86 0.00	33.44 -1.61 0.00	36.51 -2.41 -1.23	40.70 -2.60 0.00	45.30 -3.10 0.00	47.16 -2.64 0.00	47.89 -3.55 0.00	51.23 -2.41 0.00	52.56 -2.36 0.00	54.35 -3.65 0.00	53.37 -1.99 0.00	49.18 -1.57 0.00	43.70 -3.39 0.00	41.66 -3.18 0.00	43.86 -2.55 0.00	40.74 -2.74 0.00	37.09 -0.83 0.00	38.14 -4.00 0.00
NEG_PENN_ALLEGHNY 23528	35.73 -0.47 0.00	30.12 -0.33 0.00	28.32 -0.49 0.00	28.14 -0.40 0.00	28.35 -0.43 0.00	29.75 -0.18 0.00	36.19 -0.55 0.00	35.61 0.56 0.00	40.37 0.38 -2.30	43.86 0.56 0.00	49.03 0.63 0.00	50.80 1.00 0.00	52.16 0.72 0.00	55.03 1.39 0.00	56.40 1.48 0.00	59.16 1.16 0.00	57.02 1.66 0.00	52.32 1.57 0.00	47.52 0.42 -0.01	45.20 0.36 0.00	47.06 0.65 0.00	43.96 0.48 0.00	38.91 0.99 0.00	41.55 -0.59 0.00
NEG___GEN_MONROE 24207	35.84 -0.36 0.00	30.08 -0.37 0.00	28.26 -0.55 0.00	28.08 -0.46 0.00	28.29 -0.49 0.00	29.84 -0.09 0.00	35.71 -1.03 0.00	34.31 -0.74 0.00	37.11 -1.43 -0.85	42.00 -1.30 0.00	47.00 -1.40 0.00	48.51 -1.29 0.00	49.02 -2.42 0.00	51.71 -1.93 0.00	53.00 -1.92 0.00	55.10 -2.90 0.00	53.92 -1.44 0.00	49.48 -1.27 0.00	44.83 -2.26 0.00	43.23 -1.61 0.00	45.39 -1.02 0.00	42.05 -1.43 0.00	38.07 0.15 0.00	40.96 -1.18 0.00
NEPA___ENERGY 23901	32.83 -3.37 0.00	27.83 -2.62 0.00	25.84 -2.97 0.00	25.86 -2.68 0.00	26.07 -2.71 0.00	27.86 -2.07 0.00	33.03 -3.71 0.00	34.00 -1.05 0.00	37.37 -1.73 -1.41	41.48 -1.82 0.00	46.17 -2.23 0.00	48.41 -1.39 0.00	49.33 -2.11 0.00	53.05 -0.59 0.00	54.43 -0.49 0.00	56.38 -1.62 0.00	55.19 -0.17 0.00	50.85 0.10 0.00	44.70 -2.40 -0.01	42.42 -2.42 0.00	44.55 -1.86 0.00	41.48 -2.00 0.00	37.73 -0.19 0.00	38.14 -4.00 0.00
NEVERSINK___HYD 23608	37.32 1.12 0.00	31.39 0.94 0.00	29.65 0.84 0.00	29.37 0.83 0.00	29.53 0.75 0.00	30.62 0.69 0.00	38.14 1.40 0.00	37.54 2.49 0.00	46.35 2.64 -6.02	46.11 2.81 0.00	51.84 3.44 0.00	53.24 3.44 0.00	55.50 4.06 0.00	57.99 4.35 0.00	59.64 4.72 0.00	65.52 4.99 -2.53	60.29 4.93 0.00	54.96 4.21 0.00	51.12 3.77 -0.26	48.02 3.18 0.00	49.75 3.34 0.00	46.35 2.87 0.00	40.31 2.39 0.00	43.78 1.64 0.00



NIAGARA____ 23760	32.15 -4.05 0.00	27.10 -3.35 0.00	25.44 -3.37 0.00	25.29 -3.25 0.00	25.47 -3.31 0.00	26.97 -2.96 0.00	31.74 -5.00 0.00	31.19 -3.86 0.00	33.74 -4.94 -0.99	37.67 -5.63 0.00	41.82 -6.58 0.00	43.03 -6.77 0.00	43.57 -7.87 0.00	46.08 -7.56 0.00	47.34 -7.58 0.00	48.89 -9.11 0.00	48.38 -6.98 0.00	44.61 -6.14 0.00	40.40 -6.69 0.00	38.79 -6.05 0.00	40.93 -5.48 0.00	37.87 -5.61 0.00	34.62 -3.30 0.00	36.91 -5.23 0.00
NINE_MILE_1 23575	35.15 -1.05 0.00	29.57 -0.88 0.00	27.92 -0.89 0.00	27.66 -0.88 0.00	27.89 -0.89 0.00	29.09 -0.84 0.00	35.56 -1.18 0.00	34.14 -0.91 0.00	37.04 -1.09 -0.44	42.17 -1.13 0.00	47.14 -1.26 0.00	48.51 -1.29 0.00	49.90 -1.54 0.00	52.19 -1.45 0.00	53.44 -1.48 0.00	56.20 -1.80 0.00	53.92 -1.44 0.00	49.48 -1.27 0.00	45.63 -1.46 0.00	43.54 -1.30 0.00	45.20 -1.21 0.00	42.26 -1.22 0.00	37.09 -0.83 0.00	40.79 -1.35 0.00
NINE_MILE_2 23744	35.08 -1.12 0.00	29.51 -0.94 0.00	27.86 -0.95 0.00	27.60 -0.94 0.00	27.83 -0.95 0.00	29.03 -0.90 0.00	35.49 -1.25 0.00	34.07 -0.98 0.00	36.98 -1.13 -0.42	42.09 -1.21 0.00	47.04 -1.36 0.00	48.41 -1.39 0.00	49.79 -1.65 0.00	52.08 -1.56 0.00	53.33 -1.59 0.00	56.09 -1.91 0.00	53.81 -1.55 0.00	49.38 -1.37 0.00	45.54 -1.55 0.00	43.45 -1.39 0.00	45.11 -1.30 0.00	42.18 -1.30 0.00	37.01 -0.91 0.00	40.71 -1.43 0.00
NM_CAPITAL____DRP 24208	38.73 2.53 0.00	32.55 2.10 0.00	30.77 1.96 0.00	30.48 1.94 0.00	30.71 1.93 0.00	31.91 1.98 0.00	39.16 2.42 0.00	37.71 2.66 0.00	49.50 2.90 -8.91	46.72 3.42 0.00	52.08 3.68 0.00	53.58 3.78 0.00	55.30 3.86 0.00	57.66 4.02 0.00	59.04 4.12 0.00	62.29 4.29 0.00	59.57 4.21 0.00	54.66 3.91 0.00	50.46 3.34 -0.03	48.11 3.27 0.00	49.89 3.48 0.00	46.65 3.17 0.00	40.80 2.88 0.00	44.84 2.70 0.00
NM_CENTRAL____DRP 24181	35.95 -0.25 0.00	30.24 -0.21 0.00	28.49 -0.32 0.00	28.23 -0.31 0.00	28.46 -0.32 0.00	29.78 -0.15 0.00	36.48 -0.26 0.00	35.05 0.00 0.00	38.17 0.00 -0.48	43.56 0.26 0.00	48.64 0.24 0.00	50.15 0.35 0.00	51.44 0.00 0.00	53.85 0.21 0.00	55.14 0.22 0.00	57.94 -0.06 0.00	55.64 0.28 0.00	51.00 0.25 0.00	46.85 -0.24 0.00	44.62 -0.22 0.00	46.46 0.05 0.00	43.44 -0.04 0.00	38.26 0.34 0.00	41.80 -0.34 0.00
NM_FRONTIER____DRP 24179	32.33 -3.87 0.00	27.25 -3.20 0.00	25.61 -3.20 0.00	25.43 -3.11 0.00	25.64 -3.14 0.00	27.15 -2.78 0.00	31.96 -4.78 0.00	31.51 -3.54 0.00	34.10 -4.60 -1.01	38.10 -5.20 0.00	42.30 -6.10 0.00	43.53 -6.27 0.00	44.03 -7.41 0.00	46.61 -7.03 0.00	47.89 -7.03 0.00	49.42 -8.58 0.00	48.88 -6.48 0.00	45.07 -5.68 0.00	40.78 -6.31 0.00	39.19 -5.65 0.00	41.35 -5.06 0.00	38.26 -5.22 0.00	35.00 -2.92 0.00	37.21 -4.93 0.00
NM_ST_REGIS____HYD 24053	34.97 -1.23 0.00	29.41 -1.04 0.00	27.92 -0.89 0.00	27.63 -0.91 0.00	27.89 -0.89 0.00	28.94 -0.99 0.00	35.78 -0.96 0.00	32.84 -2.21 0.00	35.62 -2.07 0.00	40.83 -2.47 0.00	45.69 -2.71 0.00	46.96 -2.84 0.00	48.71 -2.73 0.00	50.74 -2.90 0.00	51.57 -3.35 0.00	54.81 -3.19 0.00	51.54 -3.82 0.00	47.25 -3.50 0.00	44.64 -2.45 0.00	42.37 -2.47 0.00	44.23 -2.18 0.00	41.74 -1.74 0.00	35.72 -2.20 0.00	40.83 -1.31 0.00
NORTHPORT____1 23551	52.59 3.22 -13.17	51.31 2.83 -18.03	50.24 2.68 -18.75	49.83 2.71 -18.58	49.70 2.68 -18.24	50.13 2.66 -17.54	51.19 3.56 -10.89	53.97 4.17 -14.75	55.40 4.26 -13.45	57.63 4.68 -9.65	60.11 5.23 -6.48	58.04 5.18 -3.06	57.87 5.97 -0.46	57.78 6.17 2.03	57.88 6.54 3.58	57.91 7.02 7.11	57.98 7.03 4.41	57.83 6.14 -0.94	57.81 5.51 -5.21	57.73 5.07 -7.82	58.95 5.29 -7.25	57.75 4.96 -9.31	57.78 4.21 -15.65	55.23 3.75 -9.34
NORTHPORT____2 23552	52.59 3.22 -13.17	51.28 2.80 -18.03	50.24 2.68 -18.75	49.80 2.68 -18.58	49.70 2.68 -18.24	50.10 2.63 -17.54	51.16 3.53 -10.89	53.94 4.14 -14.75	55.36 4.22 -13.45	57.63 4.68 -9.65	60.06 5.18 -6.48	58.04 5.18 -3.06	57.87 5.97 -0.46	57.78 6.17 2.03	57.88 6.54 3.58	57.91 7.02 7.11	57.98 7.03 4.41	57.83 6.14 -0.94	57.76 5.46 -5.21	57.73 5.07 -7.82	58.95 5.29 -7.25	57.75 4.96 -9.31	57.74 4.17 -15.65	55.23 3.75 -9.34
NORTHPORT____3 23553	52.66 3.33 -13.13	51.31 2.86 -18.00	50.27 2.71 -18.75	49.83 2.71 -18.58	49.70 2.68 -18.24	50.19 2.72 -17.54	51.23 3.64 -10.85	54.07 4.31 -14.71	55.51 4.41 -13.41	57.46 4.55 -9.61	59.85 5.03 -6.42	57.84 5.08 -2.96	57.46 5.71 -0.31	57.46 6.01 2.19	57.46 6.32 3.78	57.51 6.84 7.33	57.46 6.75 4.65	57.46 5.94 -0.77	57.41 5.27 -5.05	57.46 4.93 -7.69	58.68 5.15 -7.12	57.46 4.78 -9.20	57.45 3.94 -15.59	55.23 3.88 -9.21
NORTHPORT____4 23650	52.70 3.37 -13.13	51.34 2.89 -18.00	50.27 2.71 -18.75	49.86 2.74 -18.58	49.73 2.71 -18.24	50.19 2.72 -17.54	51.26 3.67 -10.85	54.14 4.38 -14.71	55.58 4.48 -13.41	57.46 4.55 -9.61	59.85 5.03 -6.42	57.84 5.08 -2.96	57.46 5.71 -0.31	57.46 6.01 2.19	57.46 6.32 3.78	57.46 6.79 7.33	57.46 6.75 4.65	57.46 5.94 -0.77	57.46 5.32 -5.05	57.46 4.93 -7.69	58.68 5.15 -7.12	57.46 4.78 -9.20	57.45 3.94 -15.59	55.23 3.88 -9.21
NORTHPORT____IC 23718	52.70 3.33 -13.17	51.37 2.89 -18.03	50.30 2.74 -18.75	49.86 2.74 -18.58	49.73 2.71 -18.24	50.16 2.69 -17.54	51.27 3.64 -10.89	54.08 4.28 -14.75	55.55 4.41 -13.45	57.84 4.89 -9.65	60.30 5.42 -6.48	58.29 5.43 -3.06	58.07 6.17 -0.46	58.05 6.44 2.03	58.15 6.81 3.58	58.20 7.31 7.11	58.20 7.25 4.41	58.08 6.39 -0.94	58.00 5.70 -5.21	57.95 5.29 -7.82	59.18 5.52 -7.25	57.92 5.13 -9.31	57.93 4.36 -15.65	55.40 3.92 -9.34
NSINS_S_GLNS_FALLS 23858	39.60 3.40 0.00	33.19 2.74 0.00	31.32 2.51 0.00	31.02 2.48 0.00	31.26 2.48 0.00	32.56 2.63 0.00	40.08 3.34 0.00	38.20 3.15 0.00	50.37 3.54 -9.14	47.20 3.90 0.00	52.47 4.07 0.00	53.73 3.93 0.00	55.09 3.65 0.00	57.40 3.76 0.00	58.82 3.90 0.00	62.28 3.89 -0.39	59.07 3.71 0.00	54.15 3.40 0.00	49.94 2.78 -0.07	47.53 2.69 0.00	49.75 3.34 0.00	46.70 3.22 0.00	40.99 3.07 0.00	45.51 3.37 0.00
NUCOR_STEEL____DRP 24197	34.75 -1.45 0.00	29.20 -1.25 0.00	27.51 -1.30 0.00	27.26 -1.28 0.00	27.48 -1.30 0.00	28.82 -1.11 0.00	35.20 -1.54 0.00	33.96 -1.09 0.00	37.43 -1.09 -0.83	42.39 -0.91 0.00	47.48 -0.92 0.00	49.00 -0.80 0.00	50.10 -1.34 0.00	52.57 -1.07 0.00	53.82 -1.10 0.00	56.43 -1.57 0.00	54.42 -0.94 0.00	49.63 -1.12 0.00	45.35 -1.74 0.00	43.27 -1.57 0.00	45.16 -1.25 0.00	42.05 -1.43 0.00	37.28 -0.64 0.00	40.33 -1.81 0.00
NYISO_LBMP_REFERENCE 24008	36.20 0.00 0.00	30.45 0.00 0.00	28.81 0.00 0.00	28.54 0.00 0.00	28.78 0.00 0.00	29.93 0.00 0.00	36.74 0.00 0.00	35.05 0.00 0.00	37.69 0.00 0.00	43.30 0.00 0.00	48.40 0.00 0.00	49.80 0.00 0.00	51.44 0.00 0.00	53.64 0.00 0.00	54.92 0.00 0.00	58.00 0.00 0.00	55.36 0.00 0.00	50.75 0.00 0.00	47.09 0.00 0.00	44.84 0.00 0.00	46.41 0.00 0.00	43.48 0.00 0.00	37.92 0.00 0.00	42.14 0.00 0.00
NYPA_BRENTWD____GT 24164	53.42 3.95 -13.27	51.93 3.35 -18.13	50.67 3.11 -18.75	50.23 3.11 -18.58	50.10 3.08 -18.24	50.58 3.11 -17.54	51.93 4.19 -11.00	54.92 5.01 -14.86	56.55 5.28 -13.58	59.02 5.93 -9.79	68.36 6.63 -13.33	70.17 6.37 -14.00	81.50 7.20 -22.86	93.26 7.30 -32.32	99.84 7.69 -37.23	103.25 8.24 -37.01	108.75 8.19 -45.20	93.52 7.21 -35.56	91.33 6.59 -37.65	71.72 6.10 -20.78	76.36 6.40 -23.55	71.71 5.96 -22.27	69.76 5.35 -26.49	56.59 4.76 -9.69



NYPA_GOWANUS____GT5 24156	67.70 3.51 -27.99	64.08 2.92 -30.71	62.53 2.71 -31.01	62.50 2.68 -31.28	59.38 2.65 -27.95	64.05 2.69 -31.43	65.72 3.71 -25.27	69.04 4.70 -29.29	75.56 5.13 -32.74	117.19 5.72 -68.17	116.90 6.44 -62.06	117.50 6.62 -61.08	117.61 7.20 -58.97	122.19 7.67 -60.88	122.21 7.91 -59.38	122.18 8.53 -55.65	122.21 8.36 -58.49	117.45 7.41 -59.29	116.84 6.59 -63.16	116.70 6.23 -65.63	106.34 6.54 -53.39	103.07 6.09 -53.50	75.51 5.12 -32.47	71.21 4.38 -24.69
NYPA_GOWANUS____GT6 24157	67.70 3.51 -27.99	64.08 2.92 -30.71	62.53 2.71 -31.01	62.50 2.68 -31.28	59.38 2.65 -27.95	64.05 2.69 -31.43	65.72 3.71 -25.27	69.04 4.70 -29.29	75.56 5.13 -32.74	117.19 5.72 -68.17	116.90 6.44 -62.06	117.50 6.62 -61.08	117.61 7.20 -58.97	122.19 7.67 -60.88	122.21 7.91 -59.38	122.18 8.53 -55.65	122.21 8.36 -58.49	117.45 7.41 -59.29	116.84 6.59 -63.16	116.70 6.23 -65.63	106.34 6.54 -53.39	103.07 6.09 -53.50	75.51 5.12 -32.47	71.21 4.38 -24.69
NYPA_HARLEM__RVR__GT1 24160	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.59 2.77 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.86 3.86 -27.26	69.11 4.77 -29.29	75.48 5.05 -32.74	117.10 5.63 -68.17	116.66 6.20 -62.06	117.10 6.22 -61.08	117.20 6.79 -58.97	121.82 7.30 -60.88	121.82 7.52 -59.38	121.77 8.12 -55.65	121.82 7.97 -58.49	117.09 7.05 -59.29	116.70 6.45 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.13 4.30 -24.69
NYPA_HARLEM__RVR__GT2 24161	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.59 2.77 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.86 3.86 -27.26	69.11 4.77 -29.29	75.48 5.05 -32.74	117.10 5.63 -68.17	116.66 6.20 -62.06	117.10 6.22 -61.08	117.20 6.79 -58.97	121.82 7.30 -60.88	121.82 7.52 -59.38	121.77 8.12 -55.65	121.82 7.97 -58.49	117.09 7.05 -59.29	116.70 6.45 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.13 4.30 -24.69
NYPA_KENT____GT 24152	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.41 2.68 -27.95	64.08 2.72 -31.43	65.72 3.71 -25.27	69.04 4.70 -29.29	75.48 5.05 -32.74	117.14 5.67 -68.17	116.80 6.34 -62.06	117.35 6.47 -61.08	117.46 7.05 -58.97	122.08 7.56 -60.88	122.10 7.80 -59.38	122.06 8.41 -55.65	122.10 8.25 -58.49	117.35 7.31 -59.29	116.80 6.55 -63.16	116.66 6.19 -65.63	106.30 6.50 -53.39	102.98 6.00 -53.50	75.43 5.04 -32.47	71.21 4.38 -24.69
NYPA_POUCH1____GT 24155	67.44 3.51 -27.73	63.89 2.95 -30.49	62.21 2.74 -30.66	61.91 2.71 -30.66	58.83 2.65 -27.40	63.50 2.72 -30.85	65.53 3.75 -25.04	68.78 4.73 -29.00	75.22 5.16 -32.37	116.19 5.76 -67.13	115.91 6.49 -61.02	116.49 6.67 -60.02	116.58 7.25 -57.89	121.05 7.72 -59.69	121.14 8.02 -58.20	120.93 8.58 -54.35	120.97 8.41 -57.20	116.43 7.46 -58.22	115.81 6.64 -62.08	115.58 6.28 -64.46	105.44 6.59 -52.44	102.20 6.13 -52.59	75.17 5.16 -32.09	71.13 4.43 -24.56
NYPA_VERNON____GT2 24162	67.67 3.48 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.41 2.68 -27.95	64.08 2.72 -31.43	65.72 3.71 -25.27	69.00 4.66 -29.29	75.40 4.97 -32.74	117.06 5.59 -68.17	116.70 6.24 -62.06	117.25 6.37 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	121.99 7.69 -59.38	121.94 8.29 -55.65	121.99 8.14 -58.49	117.25 7.21 -59.29	116.70 6.45 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.36 4.97 -32.47	71.17 4.34 -24.69
NYPA_VERNON____GT3 24163	67.67 3.48 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.41 2.68 -27.95	64.08 2.72 -31.43	65.72 3.71 -25.27	69.00 4.66 -29.29	75.40 4.97 -32.74	117.06 5.59 -68.17	116.70 6.24 -62.06	117.25 6.37 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	121.99 7.69 -59.38	121.94 8.29 -55.65	121.99 8.14 -58.49	117.25 7.21 -59.29	116.70 6.45 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.36 4.97 -32.47	71.17 4.34 -24.69
NYPA__HOLTSVILL 23794	53.14 3.73 -13.21	51.66 3.14 -18.07	50.47 2.91 -18.75	50.03 2.91 -18.58	49.90 2.88 -18.24	50.34 2.87 -17.54	51.53 3.86 -10.93	54.50 4.66 -14.79	56.01 4.82 -13.50	58.34 5.33 -9.71	67.59 5.91 -13.28	69.48 5.78 -13.90	80.81 6.58 -22.79	92.83 6.87 -32.32	99.40 7.25 -37.23	102.78 7.77 -37.01	108.31 7.75 -45.20	93.11 6.80 -35.56	90.81 6.08 -37.64	71.08 5.60 -20.64	75.74 5.89 -23.44	71.16 5.52 -22.16	69.22 4.82 -26.48	55.95 4.34 -9.47
NYPA____HELLGATE_GT1 24158	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.59 2.77 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.83 3.86 -27.23	69.11 4.77 -29.29	75.48 5.05 -32.74	117.10 5.63 -68.17	116.66 6.20 -62.06	117.10 6.22 -61.08	117.20 6.79 -58.97	121.82 7.30 -60.88	121.82 7.52 -59.38	121.77 8.12 -55.65	121.82 7.97 -58.49	117.09 7.05 -59.29	116.70 6.45 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.13 4.30 -24.69
NYPA____HELLGATE_GT2 24159	67.85 3.66 -27.99	64.24 3.08 -30.71	62.64 2.82 -31.01	62.59 2.77 -31.28	59.46 2.73 -27.95	64.17 2.81 -31.43	67.83 3.86 -27.23	69.11 4.77 -29.29	75.48 5.05 -32.74	117.10 5.63 -68.17	116.66 6.20 -62.06	117.10 6.22 -61.08	117.20 6.79 -58.97	121.82 7.30 -60.88	121.82 7.52 -59.38	121.77 8.12 -55.65	121.82 7.97 -58.49	117.09 7.05 -59.29	116.70 6.45 -63.16	116.48 6.01 -65.63	106.06 6.26 -53.39	102.89 5.91 -53.50	75.32 4.93 -32.47	71.13 4.30 -24.69
O.H__GEN_BRUCE 24063	29.31 -4.02 2.87	25.52 -3.32 1.61	24.21 -3.34 1.26	24.06 -3.22 1.26	24.24 -3.28 1.26	27.00 -2.93 0.00	31.82 -4.92 0.00	31.23 -3.82 0.00	33.77 -4.90 -0.98	37.76 -5.54 0.00	41.91 -6.49 0.00	43.13 -6.67 0.00	43.67 -7.77 0.00	46.18 -7.46 0.00	47.45 -7.47 0.00	49.01 -8.99 0.00	48.50 -6.86 0.00	44.71 -6.04 0.00	40.50 -6.59 0.00	38.88 -5.96 0.00	41.03 -5.38 0.00	37.96 -5.52 0.00	34.70 -3.22 0.00	36.96 -5.18 0.00
OAK ORCHARD__HYD 24046	35.26 -0.94 0.00	29.60 -0.85 0.00	27.86 -0.95 0.00	27.63 -0.91 0.00	27.86 -0.92 0.00	29.33 -0.60 0.00	35.20 -1.54 0.00	33.75 -1.30 0.00	36.59 -1.92 -0.82	41.31 -1.99 0.00	46.22 -2.18 0.00	47.61 -2.19 0.00	48.35 -3.09 0.00	50.85 -2.79 0.00	52.12 -2.80 0.00	54.29 -3.71 0.00	52.98 -2.38 0.00	48.62 -2.13 0.00	44.31 -2.78 0.00	42.69 -2.15 0.00	44.69 -1.72 0.00	41.48 -2.00 0.00	37.43 -0.49 0.00	40.45 -1.69 0.00
OCC_CHEM__DRP 24175	32.36 -3.84 0.00	27.25 -3.20 0.00	25.61 -3.20 0.00	25.46 -3.08 0.00	25.64 -3.14 0.00	27.15 -2.78 0.00	31.96 -4.78 0.00	31.54 -3.51 0.00	34.14 -4.56 -1.01	38.10 -5.20 0.00	42.30 -6.10 0.00	43.58 -6.22 0.00	44.08 -7.36 0.00	46.67 -6.97 0.00	47.95 -6.97 0.00	49.42 -8.58 0.00	48.94 -6.42 0.00	45.12 -5.63 0.00	40.83 -6.26 0.00	39.19 -5.65 0.00	41.40 -5.01 0.00	38.31 -5.17 0.00	35.04 -2.88 0.00	37.21 -4.93 0.00
OLIN_CORP_DRP 24177	32.33 -3.87 0.00	27.25 -3.20 0.00	25.55 -3.26 0.00	25.40 -3.14 0.00	25.61 -3.17 0.00	27.15 -2.78 0.00	31.93 -4.81 0.00	31.54 -3.51 0.00	34.17 -4.56 -1.04	38.15 -5.15 0.00	42.35 -6.05 0.00	43.63 -6.17 0.00	44.14 -7.30 0.00	46.77 -6.87 0.00	48.05 -6.87 0.00	49.59 -8.41 0.00	49.05 -6.31 0.00	45.22 -5.53 0.00	40.87 -6.22 0.00	39.24 -5.60 0.00	41.40 -5.01 0.00	38.35 -5.13 0.00	35.04 -2.88 0.00	37.17 -4.97 0.00
ONONDAGA_REF_OCCRA 23987	35.91 -0.29 0.00	30.21 -0.24 0.00	28.49 -0.32 0.00	28.20 -0.34 0.00	28.43 -0.35 0.00	29.75 -0.18 0.00	36.48 -0.26 0.00	35.09 0.04 0.00	38.38 0.11 -0.58	43.69 0.39 0.00	48.84 0.44 0.00	50.35 0.55 0.00	51.65 0.21 0.00	54.02 0.38 0.00	55.30 0.38 0.00	58.12 0.12 0.00	55.80 0.44 0.00	51.11 0.36 0.00	46.95 -0.14 0.00	44.71 -0.13 0.00	46.50 0.09 0.00	43.52 0.04 0.00	38.30 0.38 0.00	41.76 -0.38 0.00



ONONDAGA___COGEN 23986	35.69 -0.51 0.00	30.02 -0.43 0.00	28.32 -0.49 0.00	28.03 -0.51 0.00	28.26 -0.52 0.00	29.57 -0.36 0.00	36.23 -0.51 0.00	34.87 -0.18 0.00	38.14 -0.19 -0.64	43.30 0.00 0.00	48.45 0.05 0.00	49.95 0.15 0.00	51.23 -0.21 0.00	53.53 -0.11 0.00	54.81 -0.11 0.00	57.59 -0.41 0.00	55.36 0.00 0.00	50.80 0.05 0.00	46.67 -0.42 0.00	44.48 -0.36 0.00	46.22 -0.19 0.00	43.22 -0.26 0.00	38.03 0.11 0.00	41.47 -0.67 0.00
ONTARIO___LFGE 23819	34.68 -1.52 0.00	29.26 -1.19 0.00	27.48 -1.33 0.00	27.28 -1.26 0.00	27.51 -1.27 0.00	28.97 -0.96 0.00	34.98 -1.76 0.00	34.17 -0.88 0.00	37.22 -1.43 -0.96	41.91 -1.39 0.00	46.85 -1.55 0.00	48.51 -1.29 0.00	49.54 -1.90 0.00	52.25 -1.39 0.00	53.49 -1.43 0.00	55.91 -2.09 0.00	54.14 -1.22 0.00	49.89 -0.86 0.00	45.25 -1.84 0.00	43.18 -1.66 0.00	45.11 -1.30 0.00	42.00 -1.48 0.00	37.50 -0.42 0.00	40.07 -2.07 0.00
OSWEGATCHIE___HYD 24044	35.84 -0.36 0.00	30.12 -0.33 0.00	28.46 -0.35 0.00	28.20 -0.34 0.00	28.43 -0.35 0.00	29.66 -0.27 0.00	36.56 -0.18 0.00	33.12 -1.93 0.00	36.05 -1.77 -0.13	41.57 -1.73 0.00	46.56 -1.84 0.00	47.96 -1.84 0.00	49.33 -2.11 0.00	51.60 -2.04 0.00	53.27 -1.65 0.00	56.32 -1.68 0.00	53.42 -1.94 0.00	48.97 -1.78 0.00	45.68 -1.41 0.00	43.41 -1.43 0.00	45.30 -1.11 0.00	42.52 -0.96 0.00	36.93 -0.99 0.00	41.76 -0.38 0.00
OSWEGO___5 23606	35.33 -0.87 0.00	29.72 -0.73 0.00	28.06 -0.75 0.00	27.80 -0.74 0.00	28.03 -0.75 0.00	29.24 -0.69 0.00	35.78 -0.96 0.00	34.35 -0.70 0.00	37.36 -0.83 -0.50	42.48 -0.82 0.00	47.48 -0.92 0.00	48.90 -0.90 0.00	50.26 -1.18 0.00	52.57 -1.07 0.00	53.82 -1.10 0.00	56.61 -1.39 0.00	54.31 -1.05 0.00	49.84 -0.91 0.00	45.96 -1.13 0.00	43.81 -1.03 0.00	45.48 -0.93 0.00	42.52 -0.96 0.00	37.39 -0.53 0.00	41.04 -1.10 0.00
OSWEGO___6 23613	35.33 -0.87 0.00	29.72 -0.73 0.00	28.06 -0.75 0.00	27.80 -0.74 0.00	28.03 -0.75 0.00	29.24 -0.69 0.00	35.78 -0.96 0.00	34.35 -0.70 0.00	37.36 -0.83 -0.50	42.48 -0.82 0.00	47.48 -0.92 0.00	48.90 -0.90 0.00	50.26 -1.18 0.00	52.57 -1.07 0.00	53.82 -1.10 0.00	56.61 -1.39 0.00	54.31 -1.05 0.00	49.84 -0.91 0.00	45.96 -1.13 0.00	43.81 -1.03 0.00	45.48 -0.93 0.00	42.52 -0.96 0.00	37.39 -0.53 0.00	41.04 -1.10 0.00
OUTOKUMPU-AB___DRP 24206	32.80 -3.40 0.00	27.65 -2.80 0.00	25.90 -2.91 0.00	25.77 -2.77 0.00	25.96 -2.82 0.00	27.57 -2.36 0.00	32.48 -4.26 0.00	32.39 -2.66 0.00	35.12 -3.62 -1.05	39.10 -4.20 0.00	43.27 -5.13 0.00	44.67 -5.13 0.00	45.22 -6.22 0.00	48.01 -5.63 0.00	49.26 -5.66 0.00	50.81 -7.19 0.00	50.21 -5.15 0.00	46.23 -4.52 0.00	41.67 -5.42 0.00	39.95 -4.89 0.00	42.28 -4.13 0.00	39.39 -4.09 0.00	36.10 -1.82 0.00	37.93 -4.21 0.00
OXBOW___ 24026	32.69 -3.51 0.00	27.56 -2.89 0.00	25.87 -2.94 0.00	25.72 -2.82 0.00	25.90 -2.88 0.00	27.48 -2.45 0.00	32.37 -4.37 0.00	32.14 -2.91 0.00	34.84 -3.88 -1.03	38.88 -4.42 0.00	43.08 -5.32 0.00	44.42 -5.38 0.00	44.96 -6.48 0.00	47.63 -6.01 0.00	48.93 -5.99 0.00	50.46 -7.54 0.00	49.88 -5.48 0.00	45.98 -4.77 0.00	41.49 -5.60 0.00	39.82 -5.02 0.00	42.09 -4.32 0.00	39.09 -4.39 0.00	35.76 -2.16 0.00	37.76 -4.38 0.00
PEEKSKILL___ 23653	39.34 2.64 -0.50	33.35 2.25 -0.65	31.33 2.07 -0.45	30.59 2.05 0.00	30.79 2.01 0.00	32.01 2.01 -0.07	40.10 2.90 -0.46	39.37 3.82 -0.50	48.97 4.11 -7.17	47.43 4.55 0.42	53.32 5.18 0.26	54.88 5.28 0.20	57.13 5.81 0.12	59.85 6.22 0.01	61.40 6.48 0.00	69.73 7.08 -4.65	62.34 6.98 0.00	56.71 6.09 0.13	52.74 5.42 -0.23	50.13 5.07 -0.22	51.87 5.29 -0.17	48.61 4.87 -0.26	42.38 4.02 -0.44	46.16 3.41 -0.61
PGE MADISON___WINDPWR 24146	36.92 0.72 0.00	31.03 0.58 0.00	29.16 0.35 0.00	28.91 0.37 0.00	29.15 0.37 0.00	30.68 0.75 0.00	37.59 0.85 0.00	35.93 0.88 0.00	40.81 1.09 -2.03	45.16 1.86 0.00	50.63 2.23 0.00	52.39 2.59 0.00	53.45 2.01 0.00	56.27 2.63 0.00	57.61 2.69 0.00	60.38 2.38 0.00	58.13 2.77 0.00	53.08 2.33 0.00	48.32 1.22 -0.01	45.92 1.08 0.00	47.85 1.44 0.00	44.57 1.09 0.00	39.63 1.71 0.00	42.98 0.84 0.00
PJM_GEN_KEystone 24065	32.04 -2.90 1.26	28.14 -2.31 0.00	26.19 -2.62 0.00	26.17 -2.37 0.00	26.39 -2.39 0.00	28.13 -1.80 0.00	33.58 -3.16 0.00	34.31 -0.74 0.00	38.00 -1.32 -1.63	42.00 -1.30 0.00	46.75 -1.65 0.00	49.00 -0.80 0.00	50.00 -1.44 0.00	53.64 0.00 0.00	55.03 0.11 0.00	57.13 -0.87 0.00	55.75 0.39 0.00	51.36 0.61 0.00	45.31 -1.79 -0.01	43.00 -1.84 0.00	45.11 -1.30 0.00	42.00 -1.48 0.00	38.00 0.08 0.00	38.73 -3.41 0.00
PLEASANTVLY___LBMP 24000	38.73 2.53 0.00	32.61 2.16 0.00	30.83 2.02 0.00	30.54 2.00 0.00	30.74 1.96 0.00	31.88 1.95 0.00	39.46 2.72 0.00	38.63 3.58 0.00	48.72 3.81 -7.22	47.54 4.24 0.00	53.19 4.79 0.00	54.63 4.83 0.00	56.79 5.35 0.00	59.33 5.69 0.00	60.80 5.88 0.00	69.84 6.38 -5.46	61.62 6.26 0.00	56.28 5.53 0.00	52.56 4.94 -0.53	49.50 4.66 0.00	51.28 4.87 0.00	48.00 4.52 0.00	41.71 3.79 0.00	45.34 3.20 0.00
POLETTI___ 23519	55.79 3.29 -16.30	54.67 2.83 -21.39	46.12 2.62 -14.69	31.14 2.60 0.00	31.34 2.56 0.00	34.73 2.60 -2.20	55.45 3.49 -15.22	55.79 4.45 -16.29	57.59 4.71 -15.19	62.66 5.28 -14.08	62.94 5.91 -8.63	62.57 6.03 -6.74	61.92 6.58 -3.90	61.16 7.03 -0.49	62.22 7.30 0.00	70.60 7.89 -4.71	63.11 7.75 0.00	62.05 6.85 -4.45	61.18 6.12 -7.97	57.82 5.78 -7.20	58.16 6.03 -5.72	57.54 5.57 -8.49	57.12 4.66 -14.54	66.31 4.05 -20.12
PORT_JEFF_3 23555	53.22 3.80 -13.22	51.73 3.20 -18.08	50.50 2.94 -18.75	50.06 2.94 -18.58	49.93 2.91 -18.24	50.28 2.81 -17.54	51.40 3.71 -10.95	54.16 4.31 -14.80	55.61 4.41 -13.51	57.92 4.89 -9.73	67.11 5.42 -13.29	68.90 5.18 -13.92	80.16 5.92 -22.80	92.13 6.17 -32.32	98.63 6.48 -37.23	102.03 7.02 -37.01	107.54 6.98 -45.20	92.40 6.09 -35.56	90.19 5.46 -37.64	70.58 5.07 -20.67	75.21 5.34 -23.46	70.58 4.91 -22.19	68.80 4.40 -26.48	55.61 3.96 -9.51
PORT_JEFF_4 23616	53.22 3.80 -13.22	51.73 3.20 -18.08	50.53 2.97 -18.75	50.06 2.94 -18.58	49.93 2.91 -18.24	50.25 2.78 -17.54	51.40 3.71 -10.95	54.16 4.31 -14.80	55.65 4.45 -13.51	57.92 4.89 -9.73	67.11 5.42 -13.29	68.90 5.18 -13.92	80.16 5.92 -22.80	92.13 6.17 -32.32	98.69 6.54 -37.23	102.03 7.02 -37.01	107.59 7.03 -45.20	92.45 6.14 -35.56	90.19 5.46 -37.64	70.62 5.11 -20.67	75.21 5.34 -23.46	70.58 4.91 -22.19	68.84 4.44 -26.48	55.61 3.96 -9.51
PORT_JEFF_IC 23713	53.37 3.95 -13.22	51.85 3.32 -18.08	50.61 3.05 -18.75	50.17 3.05 -18.58	50.04 3.02 -18.24	50.43 2.96 -17.54	51.66 3.97 -10.95	54.55 4.70 -14.80	56.06 4.86 -13.51	58.44 5.41 -9.73	67.74 6.05 -13.29	69.35 5.63 -13.92	80.67 6.43 -22.80	92.61 6.65 -32.32	99.18 7.03 -37.23	102.61 7.60 -37.01	108.09 7.53 -45.20	92.91 6.60 -35.56	90.62 5.89 -37.64	70.98 5.47 -20.67	75.58 5.71 -23.46	70.97 5.30 -22.19	69.29 4.89 -26.48	56.03 4.38 -9.51
PPL PILGRIM_ST_GT1 24216	53.42 3.95 -13.27	51.93 3.35 -18.13	50.67 3.11 -18.75	50.23 3.11 -18.58	50.10 3.08 -18.24	50.58 3.11 -17.54	51.93 4.19 -11.00	54.92 5.01 -14.86	56.55 5.28 -13.58	59.02 5.93 -9.79	68.36 6.63 -13.33	69.73 5.93 -14.00	81.04 6.74 -22.86	92.77 6.81 -32.32	99.34 7.19 -37.23	102.72 7.71 -37.01	108.26 7.70 -45.20	93.06 6.75 -35.56	90.96 6.22 -37.65	71.36 5.74 -20.78	75.99 6.03 -23.55	71.36 5.61 -22.27	69.76 5.35 -26.49	56.59 4.76 -9.69



PPL PILGRIM_ST_GT2 24217	53.42 3.95 -13.27	51.93 3.35 -18.13	50.67 3.11 -18.75	50.23 3.11 -18.58	50.10 3.08 -18.24	50.58 3.11 -17.54	51.93 4.19 -11.00	54.92 5.01 -14.86	56.55 5.28 -13.58	59.02 5.93 -9.79	68.36 6.63 -13.33	69.73 5.93 -14.00	81.04 6.74 -22.86	92.77 6.81 -32.32	99.34 7.19 -37.23	102.78 7.77 -37.01	108.26 7.70 -45.20	93.11 6.80 -35.56	90.96 6.22 -37.65	71.36 5.74 -20.78	75.99 6.03 -23.55	71.36 5.61 -22.27	69.76 5.35 -26.49	56.59 4.76 -9.69
PPL_SHRM_GT3 24213	53.44 4.02 -13.22	51.91 3.38 -18.08	50.67 3.11 -18.75	50.23 3.11 -18.58	50.10 3.08 -18.24	50.55 3.08 -17.54	51.84 4.15 -10.95	54.86 5.01 -14.80	56.29 5.09 -13.51	58.57 5.54 -9.73	67.74 6.05 -13.29	69.70 5.98 -13.92	81.08 6.84 -22.80	93.09 7.13 -32.32	99.67 7.52 -37.23	103.07 8.06 -37.01	108.59 8.03 -45.20	93.36 7.05 -35.56	90.99 6.26 -37.64	71.34 5.83 -20.67	76.00 6.13 -23.46	71.41 5.74 -22.19	69.52 5.12 -26.48	56.33 4.68 -9.51
PPL_SHRM_GT4 24214	53.44 4.02 -13.22	51.91 3.38 -18.08	50.67 3.11 -18.75	50.23 3.11 -18.58	50.10 3.08 -18.24	50.55 3.08 -17.54	51.84 4.15 -10.95	54.86 5.01 -14.80	56.29 5.09 -13.51	58.57 5.54 -9.73	67.74 6.05 -13.29	69.70 5.98 -13.92	81.08 6.84 -22.80	93.09 7.13 -32.32	99.67 7.52 -37.23	103.07 8.06 -37.01	108.59 8.03 -45.20	93.36 7.05 -35.56	90.99 6.26 -37.64	71.34 5.83 -20.67	76.00 6.13 -23.46	71.41 5.74 -22.19	69.52 5.12 -26.48	56.33 4.68 -9.51
PROJECT___ORANGE 23990	35.95 -0.25 0.00	30.24 -0.21 0.00	28.52 -0.29 0.00	28.23 -0.31 0.00	28.46 -0.32 0.00	29.78 -0.15 0.00	36.48 -0.26 0.00	35.09 0.04 0.00	38.21 0.04 -0.48	43.60 0.30 0.00	48.64 0.24 0.00	50.15 0.35 0.00	51.44 0.00 0.00	53.85 0.21 0.00	55.14 0.22 0.00	57.94 -0.06 0.00	55.64 0.28 0.00	51.00 0.25 0.00	46.85 -0.24 0.00	44.62 -0.22 0.00	46.46 0.05 0.00	43.48 0.00 0.00	38.30 0.38 0.00	41.80 -0.34 0.00
PROJECT___ORANGE 1 24174	35.95 -0.25 0.00	30.24 -0.21 0.00	28.52 -0.29 0.00	28.23 -0.31 0.00	28.46 -0.32 0.00	29.78 -0.15 0.00	36.48 -0.26 0.00	35.09 0.04 0.00	38.21 0.04 -0.48	43.60 0.30 0.00	48.64 0.24 0.00	50.15 0.35 0.00	51.44 0.00 0.00	53.85 0.21 0.00	55.14 0.22 0.00	57.94 -0.06 0.00	55.64 0.28 0.00	51.00 0.25 0.00	46.85 -0.24 0.00	44.62 -0.22 0.00	46.46 0.05 0.00	43.48 0.00 0.00	38.30 0.38 0.00	41.80 -0.34 0.00
PROJECT___ORANGE 2 24166	35.95 -0.25 0.00	30.24 -0.21 0.00	28.52 -0.29 0.00	28.23 -0.31 0.00	28.46 -0.32 0.00	29.78 -0.15 0.00	36.48 -0.26 0.00	35.09 0.04 0.00	38.21 0.04 -0.48	43.60 0.30 0.00	48.64 0.24 0.00	50.15 0.35 0.00	51.44 0.00 0.00	53.85 0.21 0.00	55.14 0.22 0.00	57.94 -0.06 0.00	55.64 0.28 0.00	51.00 0.25 0.00	46.85 -0.24 0.00	44.62 -0.22 0.00	46.46 0.05 0.00	43.48 0.00 0.00	38.30 0.38 0.00	41.80 -0.34 0.00
PYRITES___HYD 24023	35.77 -0.43 0.00	30.05 -0.40 0.00	28.46 -0.35 0.00	28.17 -0.37 0.00	28.46 -0.32 0.00	29.60 -0.33 0.00	36.63 -0.11 0.00	33.33 -1.72 0.00	36.18 -1.51 0.00	41.65 -1.65 0.00	46.66 -1.74 0.00	48.01 -1.79 0.00	49.64 -1.80 0.00	51.76 -1.88 0.00	52.61 -2.31 0.00	55.91 -2.09 0.00	52.54 -2.82 0.00	48.16 -2.59 0.00	45.44 -1.65 0.00	43.09 -1.75 0.00	44.97 -1.44 0.00	42.44 -1.04 0.00	36.44 -1.48 0.00	41.76 -0.38 0.00
RANKINE____ 23646	32.76 -3.44 0.00	27.68 -2.77 0.00	25.90 -2.91 0.00	25.77 -2.77 0.00	25.99 -2.79 0.00	27.60 -2.33 0.00	32.55 -4.19 0.00	32.63 -2.42 0.00	35.47 -3.35 -1.13	39.58 -3.72 0.00	43.95 -4.45 0.00	45.52 -4.28 0.00	46.14 -5.30 0.00	49.08 -4.56 0.00	50.42 -4.50 0.00	52.03 -5.97 0.00	51.26 -4.10 0.00	47.25 -3.50 0.00	42.38 -4.71 0.00	40.58 -4.26 0.00	42.74 -3.67 0.00	39.65 -3.83 0.00	36.18 -1.74 0.00	37.80 -4.34 0.00
RAVENS GT4-7____ 23728	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWD GT2____ 23730	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWD GT3____ 23733	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT2_1 24244	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT2_2 24245	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT2_3 24246	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT2_4 24247	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT3_1 24248	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69



RAVENSWOOD_GT3_2 24249	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT3_3 24250	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT3_4 24251	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT_1 23729	67.67 3.48 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.41 2.68 -27.95	64.08 2.72 -31.43	65.72 3.71 -25.27	69.00 4.66 -29.29	75.40 4.97 -32.74	117.06 5.59 -68.17	116.70 6.24 -62.06	117.25 6.37 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	121.99 7.69 -59.38	121.94 8.29 -55.65	121.99 8.14 -58.49	117.25 7.21 -59.29	116.70 6.45 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.36 4.97 -32.47	71.17 4.34 -24.69
RAVENSWOOD_GT_10 24258	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT_11 24259	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT_4 24252	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT_5 24254	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT_6 24253	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT_7 24255	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD_GT_9 24257	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RAVENSWOOD___1 23533	67.67 3.48 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.41 2.68 -27.95	64.08 2.72 -31.43	65.72 3.71 -25.27	69.00 4.66 -29.29	75.40 4.97 -32.74	117.06 5.59 -68.17	116.70 6.24 -62.06	117.25 6.37 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	121.99 7.69 -59.38	121.94 8.29 -55.65	121.99 8.14 -58.49	117.25 7.21 -59.29	116.70 6.45 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.36 4.97 -32.47	71.17 4.34 -24.69
RAVENSWOOD___2 23534	67.48 3.29 -27.99	63.99 2.83 -30.71	62.50 2.68 -31.01	62.50 2.68 -31.28	59.38 2.65 -27.95	63.99 2.63 -31.43	65.50 3.49 -25.27	68.79 4.45 -29.29	75.18 4.75 -32.74	116.80 5.33 -68.17	116.41 5.95 -62.06	116.96 6.08 -61.08	117.05 6.64 -58.97	121.60 7.08 -60.88	121.60 7.30 -59.38	121.54 7.89 -55.65	121.60 7.75 -58.49	116.94 6.90 -59.29	116.42 6.17 -63.16	116.30 5.83 -65.63	105.88 6.08 -53.39	102.59 5.61 -53.50	75.13 4.74 -32.47	70.92 4.09 -24.69
RAVENSWOOD___3 23535	59.50 3.29 -20.01	59.49 2.80 -26.24	49.43 2.59 -18.03	31.11 2.57 0.00	31.31 2.53 0.00	35.19 2.57 -2.69	58.91 3.49 -18.68	59.50 4.45 -20.00	59.50 4.75 -17.06	59.50 5.28 -10.92	61.00 5.91 -6.69	61.01 5.98 -5.23	61.00 6.53 -3.03	60.99 6.97 -0.38	62.17 7.25 0.00	70.54 7.83 -4.71	63.00 7.64 0.00	61.00 6.80 -3.45	59.49 6.12 -6.28	59.50 5.83 -8.83	59.51 6.08 -7.02	59.50 5.61 -10.41	60.50 4.74 -17.84	71.04 4.21 -24.69
RAVENSWOOD___4 23820	67.67 3.48 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.41 2.68 -27.95	64.08 2.72 -31.43	65.72 3.71 -25.27	69.00 4.66 -29.29	75.40 4.97 -32.74	117.06 5.59 -68.17	116.70 6.24 -62.06	117.25 6.37 -61.08	117.35 6.94 -58.97	121.98 7.46 -60.88	121.99 7.69 -59.38	121.94 8.29 -55.65	121.99 8.14 -58.49	117.25 7.21 -59.29	116.70 6.45 -63.16	116.57 6.10 -65.63	106.16 6.36 -53.39	102.89 5.91 -53.50	75.36 4.97 -32.47	71.17 4.34 -24.69



RAVNSWD 8-11____ 23667	59.54 3.33 -20.01	59.49 2.80 -26.24	49.46 2.62 -18.03	31.14 2.60 0.00	31.34 2.56 0.00	35.19 2.57 -2.69	58.95 3.53 -18.68	59.57 4.52 -20.00	59.57 4.82 -17.06	59.59 5.37 -10.92	61.14 6.05 -6.69	61.16 6.13 -5.23	61.16 6.69 -3.03	61.21 7.19 -0.38	62.33 7.41 0.00	70.71 8.00 -4.71	63.22 7.86 0.00	61.15 6.95 -3.45	59.59 6.22 -6.28	59.54 5.87 -8.83	59.56 6.13 -7.02	59.59 5.70 -10.41	60.58 4.82 -17.84	71.04 4.21 -24.69
RCPL_TRUST____DRP 24196	51.85 3.37 -12.28	49.42 2.86 -16.11	42.53 2.65 -11.07	31.17 2.63 0.00	31.37 2.59 0.00	34.21 2.63 -1.65	51.81 3.60 -11.47	51.89 4.56 -12.28	55.71 4.86 -13.16	66.35 5.50 -17.55	65.31 6.15 -10.76	64.47 6.27 -8.40	63.15 6.84 -4.87	61.60 7.35 -0.61	62.50 7.58 0.00	70.89 8.18 -4.71	63.39 8.03 0.00	63.45 7.16 -5.54	63.27 6.36 -9.82	56.22 5.96 -5.42	56.94 6.22 -4.31	55.65 5.78 -6.39	53.73 4.85 -10.96	61.56 4.26 -15.16
RENSSELAER____COGEN 23796	38.63 2.43 0.00	32.46 2.01 0.00	30.68 1.87 0.00	30.42 1.88 0.00	30.62 1.84 0.00	31.85 1.92 0.00	39.09 2.35 0.00	37.68 2.63 0.00	49.34 2.83 -8.82	46.63 3.33 0.00	51.93 3.53 0.00	53.44 3.64 0.00	55.14 3.70 0.00	57.50 3.86 0.00	58.93 4.01 0.00	62.39 4.18 -0.21	59.46 4.10 0.00	54.51 3.76 0.00	50.39 3.25 -0.05	48.07 3.23 0.00	49.84 3.43 0.00	46.65 3.17 0.00	40.73 2.81 0.00	44.75 2.61 0.00
REVERE_CP__DRP 24186	37.39 1.19 0.00	31.39 0.94 0.00	29.62 0.81 0.00	29.34 0.80 0.00	29.59 0.81 0.00	30.92 0.99 0.00	38.03 1.29 0.00	36.03 0.98 0.00	38.82 1.13 0.00	44.99 1.69 0.00	50.34 1.94 0.00	51.89 2.09 0.00	53.24 1.80 0.00	55.68 2.04 0.00	56.79 1.87 0.00	59.80 1.80 0.00	57.24 1.88 0.00	52.42 1.67 0.00	48.31 1.22 0.00	45.96 1.12 0.00	47.71 1.30 0.00	44.61 1.13 0.00	39.25 1.33 0.00	43.53 1.39 0.00
ROCHESTER_9_IC 23652	35.95 -0.25 0.00	30.18 -0.27 0.00	28.38 -0.43 0.00	28.17 -0.37 0.00	28.41 -0.37 0.00	29.90 -0.03 0.00	35.89 -0.85 0.00	34.31 -0.74 0.00	37.15 -1.36 -0.82	41.87 -1.43 0.00	46.95 -1.45 0.00	48.41 -1.39 0.00	49.02 -2.42 0.00	51.60 -2.04 0.00	52.83 -2.09 0.00	55.04 -2.96 0.00	53.75 -1.61 0.00	49.28 -1.47 0.00	44.92 -2.17 0.00	43.32 -1.52 0.00	45.44 -0.97 0.00	42.09 -1.39 0.00	38.15 0.23 0.00	41.17 -0.97 0.00
ROSETON____1 23587	38.55 2.35 0.00	32.46 2.01 0.00	30.68 1.87 0.00	30.39 1.85 0.00	30.59 1.81 0.00	31.70 1.77 0.00	39.24 2.50 0.00	38.42 3.37 0.00	48.22 3.58 -6.95	47.28 3.98 0.00	52.76 4.36 0.00	54.13 4.33 0.00	56.22 4.78 0.00	58.74 5.10 0.00	60.25 5.33 0.00	67.69 5.80 -3.89	61.06 5.70 0.00	55.77 5.02 0.00	52.00 4.52 -0.39	49.23 4.39 0.00	50.91 4.50 0.00	47.74 4.26 0.00	41.48 3.56 0.00	45.17 3.03 0.00
ROSETON____2 23588	38.59 2.39 0.00	32.46 2.01 0.00	30.68 1.87 0.00	30.39 1.85 0.00	30.59 1.81 0.00	31.70 1.77 0.00	39.24 2.50 0.00	38.42 3.37 0.00	48.22 3.58 -6.95	47.28 3.98 0.00	52.76 4.36 0.00	54.13 4.33 0.00	56.22 4.78 0.00	58.74 5.10 0.00	60.25 5.33 0.00	67.69 5.80 -3.89	61.06 5.70 0.00	55.77 5.02 0.00	52.00 4.52 -0.39	49.23 4.39 0.00	50.96 4.55 0.00	47.78 4.30 0.00	41.52 3.60 0.00	45.17 3.03 0.00
RUSSELL____STATION 23914	35.98 -0.22 0.00	30.21 -0.24 0.00	28.44 -0.37 0.00	28.23 -0.31 0.00	28.43 -0.35 0.00	29.96 0.03 0.00	35.89 -0.85 0.00	34.24 -0.81 0.00	37.08 -1.43 -0.82	41.35 -1.95 0.00	46.42 -1.98 0.00	47.81 -1.99 0.00	48.41 -3.03 0.00	50.96 -2.68 0.00	52.17 -2.75 0.00	54.35 -3.65 0.00	53.03 -2.33 0.00	48.62 -2.13 0.00	44.31 -2.78 0.00	42.82 -2.02 0.00	44.88 -1.53 0.00	41.65 -1.83 0.00	38.07 0.15 0.00	40.88 -1.26 0.00
S SALMON____HYD 24043	35.98 -0.22 0.00	30.24 -0.21 0.00	28.52 -0.29 0.00	28.25 -0.29 0.00	28.46 -0.32 0.00	29.78 -0.15 0.00	36.56 -0.18 0.00	34.52 -0.53 0.00	37.65 -0.49 -0.45	43.08 -0.22 0.00	48.21 -0.19 0.00	49.65 -0.15 0.00	50.87 -0.57 0.00	53.26 -0.38 0.00	54.70 -0.22 0.00	57.54 -0.46 0.00	55.14 -0.22 0.00	50.60 -0.15 0.00	46.57 -0.52 0.00	44.35 -0.49 0.00	46.13 -0.28 0.00	43.09 -0.39 0.00	37.92 0.00 0.00	41.84 -0.30 0.00
SELKIRK____II 23799	37.65 1.45 0.00	31.67 1.22 0.00	29.96 1.15 0.00	29.68 1.14 0.00	29.90 1.12 0.00	31.04 1.11 0.00	38.10 1.36 0.00	36.77 1.72 0.00	48.32 1.85 -8.78	45.46 2.16 0.00	50.72 2.32 0.00	52.19 2.39 0.00	53.91 2.47 0.00	56.21 2.57 0.00	57.61 2.69 0.00	60.84 2.84 0.00	58.18 2.82 0.00	53.34 2.59 0.00	49.33 2.21 -0.03	46.99 2.15 0.00	48.68 2.27 0.00	45.61 2.13 0.00	39.78 1.86 0.00	43.70 1.56 0.00
SELKIRK____I 23801	37.97 1.77 0.00	31.94 1.49 0.00	30.19 1.38 0.00	29.91 1.37 0.00	30.13 1.35 0.00	31.31 1.38 0.00	38.32 1.58 0.00	37.01 1.96 0.00	48.56 2.11 -8.76	45.77 2.47 0.00	51.11 2.71 0.00	52.54 2.74 0.00	54.32 2.88 0.00	56.64 3.00 0.00	58.05 3.13 0.00	61.31 3.31 0.00	58.63 3.27 0.00	53.74 2.99 0.00	49.71 2.59 -0.03	47.31 2.47 0.00	49.01 2.60 0.00	45.87 2.39 0.00	40.04 2.12 0.00	43.95 1.81 0.00
SENECA OSWGO____HYD 24041	35.62 -0.58 0.00	29.96 -0.49 0.00	28.26 -0.55 0.00	28.00 -0.54 0.00	28.23 -0.55 0.00	29.48 -0.45 0.00	36.15 -0.59 0.00	34.77 -0.28 0.00	37.89 -0.30 -0.50	43.17 -0.13 0.00	48.30 -0.10 0.00	49.75 -0.05 0.00	51.03 -0.41 0.00	53.32 -0.32 0.00	54.54 -0.38 0.00	57.36 -0.64 0.00	55.08 -0.28 0.00	50.55 -0.20 0.00	46.52 -0.57 0.00	44.35 -0.49 0.00	46.09 -0.32 0.00	43.05 -0.43 0.00	37.88 -0.04 0.00	41.42 -0.72 0.00
SENECA____ENERGY 23797	34.90 -1.30 0.00	29.41 -1.04 0.00	27.66 -1.15 0.00	27.46 -1.08 0.00	27.66 -1.12 0.00	29.06 -0.87 0.00	35.27 -1.47 0.00	34.28 -0.77 0.00	37.42 -1.13 -0.86	42.22 -1.08 0.00	47.24 -1.16 0.00	48.85 -0.95 0.00	49.95 -1.49 0.00	52.51 -1.13 0.00	53.82 -1.10 0.00	56.32 -1.68 0.00	54.42 -0.94 0.00	49.99 -0.76 0.00	45.58 -1.51 0.00	43.49 -1.35 0.00	45.34 -1.07 0.00	42.26 -1.22 0.00	37.54 -0.38 0.00	40.41 -1.73 0.00
SHOEMAKER____GT 23640	38.15 1.95 0.00	32.12 1.67 0.00	30.34 1.53 0.00	30.05 1.51 0.00	30.25 1.47 0.00	31.40 1.47 0.00	38.87 2.13 0.00	38.06 3.01 0.00	47.26 3.20 -6.37	46.85 3.55 0.00	52.47 4.07 0.00	53.88 4.08 0.00	56.02 4.58 0.00	58.52 4.88 0.00	60.03 5.11 0.00	67.17 5.51 -3.66	60.79 5.43 0.00	55.52 4.77 0.00	51.69 4.24 -0.36	48.79 3.95 0.00	50.49 4.08 0.00	47.26 3.78 0.00	41.07 3.15 0.00	44.67 2.53 0.00
SHOREHAM_IC_1 23715	53.44 4.02 -13.22	51.91 3.38 -18.08	50.67 3.11 -18.75	50.23 3.11 -18.58	50.10 3.08 -18.24	50.55 3.08 -17.54	51.84 4.15 -10.95	54.86 5.01 -14.80	56.29 5.09 -13.51	58.57 5.54 -9.73	67.74 6.05 -13.29	69.70 5.98 -13.92	81.08 6.84 -22.80	93.09 7.13 -32.32	99.67 7.52 -37.23	103.07 8.06 -37.01	108.59 8.03 -45.20	93.36 7.05 -35.56	90.99 6.26 -37.64	71.34 5.83 -20.67	76.00 6.13 -23.46	71.41 5.74 -22.19	69.52 5.12 -26.48	56.33 4.68 -9.51
SHOREHAM_IC_2 23716	53.44 4.02 -13.22	51.91 3.38 -18.08	50.67 3.11 -18.75	50.23 3.11 -18.58	50.10 3.08 -18.24	50.55 3.08 -17.54	51.84 4.15 -10.95	54.86 5.01 -14.80	56.29 5.09 -13.51	58.57 5.54 -9.73	67.74 6.05 -13.29	69.70 5.98 -13.92	81.08 6.84 -22.80	93.09 7.13 -32.32	99.67 7.52 -37.23	103.07 8.06 -37.01	108.59 8.03 -45.20	93.36 7.05 -35.56	90.99 6.26 -37.64	71.34 5.83 -20.67	76.00 6.13 -23.46	71.41 5.74 -22.19	69.52 5.12 -26.48	56.33 4.68 -9.51



SISSONVILLE____ 23735	35.11 -1.09 0.00	29.51 -0.94 0.00	27.97 -0.84 0.00	27.68 -0.86 0.00	27.97 -0.81 0.00	29.06 -0.87 0.00	35.89 -0.85 0.00	32.70 -2.35 0.00	35.47 -2.22 0.00	40.75 -2.55 0.00	45.59 -2.81 0.00	46.86 -2.94 0.00	48.56 -2.88 0.00	50.64 -3.00 0.00	51.57 -3.35 0.00	54.81 -3.19 0.00	51.54 -3.82 0.00	47.25 -3.50 0.00	44.64 -2.45 0.00	42.37 -2.47 0.00	44.32 -2.09 0.00	41.83 -1.65 0.00	35.87 -2.05 0.00	40.96 -1.18 0.00
SITHE_IND_GS1 24169	35.15 -1.05 0.00	29.57 -0.88 0.00	27.95 -0.86 0.00	27.68 -0.86 0.00	27.89 -0.89 0.00	29.12 -0.81 0.00	35.60 -1.14 0.00	34.17 -0.88 0.00	37.07 -1.06 -0.44	42.22 -1.08 0.00	47.19 -1.21 0.00	48.56 -1.24 0.00	49.95 -1.49 0.00	52.19 -1.45 0.00	53.49 -1.43 0.00	56.26 -1.74 0.00	53.98 -1.38 0.00	49.53 -1.22 0.00	45.68 -1.41 0.00	43.54 -1.30 0.00	45.25 -1.16 0.00	42.26 -1.22 0.00	37.16 -0.76 0.00	40.83 -1.31 0.00
SITHE_IND_GS2 24170	35.15 -1.05 0.00	29.57 -0.88 0.00	27.95 -0.86 0.00	27.68 -0.86 0.00	27.89 -0.89 0.00	29.12 -0.81 0.00	35.60 -1.14 0.00	34.17 -0.88 0.00	37.07 -1.06 -0.44	42.22 -1.08 0.00	47.19 -1.21 0.00	48.56 -1.24 0.00	49.95 -1.49 0.00	52.19 -1.45 0.00	53.49 -1.43 0.00	56.26 -1.74 0.00	53.98 -1.38 0.00	49.53 -1.22 0.00	45.68 -1.41 0.00	43.54 -1.30 0.00	45.25 -1.16 0.00	42.26 -1.22 0.00	37.16 -0.76 0.00	40.83 -1.31 0.00
SITHE_IND_GS3 24171	35.15 -1.05 0.00	29.57 -0.88 0.00	27.95 -0.86 0.00	27.68 -0.86 0.00	27.89 -0.89 0.00	29.12 -0.81 0.00	35.60 -1.14 0.00	34.17 -0.88 0.00	37.07 -1.06 -0.44	42.22 -1.08 0.00	47.19 -1.21 0.00	48.56 -1.24 0.00	49.95 -1.49 0.00	52.19 -1.45 0.00	53.49 -1.43 0.00	56.26 -1.74 0.00	53.98 -1.38 0.00	49.53 -1.22 0.00	45.68 -1.41 0.00	43.54 -1.30 0.00	45.25 -1.16 0.00	42.26 -1.22 0.00	37.16 -0.76 0.00	40.83 -1.31 0.00
SITHE_IND_GS4 24172	35.15 -1.05 0.00	29.57 -0.88 0.00	27.95 -0.86 0.00	27.68 -0.86 0.00	27.89 -0.89 0.00	29.12 -0.81 0.00	35.60 -1.14 0.00	34.17 -0.88 0.00	37.07 -1.06 -0.44	42.22 -1.08 0.00	47.19 -1.21 0.00	48.56 -1.24 0.00	49.95 -1.49 0.00	52.19 -1.45 0.00	53.49 -1.43 0.00	56.26 -1.74 0.00	53.98 -1.38 0.00	49.53 -1.22 0.00	45.68 -1.41 0.00	43.54 -1.30 0.00	45.25 -1.16 0.00	42.26 -1.22 0.00	37.16 -0.76 0.00	40.83 -1.31 0.00
SITHE____BATAVIA 24024	34.97 -1.23 0.00	29.35 -1.10 0.00	27.57 -1.24 0.00	27.40 -1.14 0.00	27.60 -1.18 0.00	29.21 -0.72 0.00	34.68 -2.06 0.00	33.68 -1.37 0.00	36.41 -2.22 -0.94	41.09 -2.21 0.00	45.88 -2.52 0.00	47.31 -2.49 0.00	47.74 -3.70 0.00	50.53 -3.11 0.00	51.84 -3.08 0.00	53.65 -4.35 0.00	52.81 -2.55 0.00	48.57 -2.18 0.00	43.46 -3.63 0.00	41.88 -2.96 0.00	44.14 -2.27 0.00	40.83 -2.65 0.00	37.24 -0.68 0.00	39.70 -2.44 0.00
SITHE____INDEPEND 23800	35.15 -1.05 0.00	29.57 -0.88 0.00	27.95 -0.86 0.00	27.68 -0.86 0.00	27.89 -0.89 0.00	29.12 -0.81 0.00	35.60 -1.14 0.00	34.17 -0.88 0.00	37.07 -1.06 -0.44	42.22 -1.08 0.00	47.19 -1.21 0.00	48.56 -1.24 0.00	49.95 -1.49 0.00	52.19 -1.45 0.00	53.49 -1.43 0.00	56.26 -1.74 0.00	53.98 -1.38 0.00	49.53 -1.22 0.00	45.68 -1.41 0.00	43.54 -1.30 0.00	45.25 -1.16 0.00	42.26 -1.22 0.00	37.16 -0.76 0.00	40.83 -1.31 0.00
SITHE____MASSENA 23902	35.01 -1.19 0.00	29.45 -1.00 0.00	27.95 -0.86 0.00	27.66 -0.88 0.00	27.92 -0.86 0.00	28.97 -0.96 0.00	35.75 -0.99 0.00	33.58 -1.47 0.00	36.33 -1.36 0.00	41.57 -1.73 0.00	46.46 -1.94 0.00	47.76 -2.04 0.00	49.59 -1.85 0.00	51.44 -2.20 0.00	52.34 -2.58 0.00	55.56 -2.44 0.00	52.26 -3.10 0.00	47.96 -2.79 0.00	45.30 -1.79 0.00	43.00 -1.84 0.00	44.32 -2.09 0.00	41.87 -1.61 0.00	35.83 -2.09 0.00	40.83 -1.31 0.00
SITHE____OGDNSBRG 24021	35.48 -0.72 0.00	29.81 -0.64 0.00	28.29 -0.52 0.00	28.00 -0.54 0.00	28.26 -0.52 0.00	29.36 -0.57 0.00	36.30 -0.44 0.00	33.65 -1.40 0.00	36.48 -1.21 0.00	41.87 -1.43 0.00	46.85 -1.55 0.00	48.21 -1.59 0.00	49.95 -1.49 0.00	51.92 -1.72 0.00	52.61 -2.31 0.00	55.97 -2.03 0.00	52.54 -2.82 0.00	48.16 -2.59 0.00	45.54 -1.55 0.00	43.23 -1.61 0.00	44.69 -1.72 0.00	42.22 -1.26 0.00	36.10 -1.82 0.00	41.47 -0.67 0.00
SITHE____STERLING 23777	37.03 0.83 0.00	31.12 0.67 0.00	29.36 0.55 0.00	29.05 0.51 0.00	29.30 0.52 0.00	30.62 0.69 0.00	37.66 0.92 0.00	35.79 0.74 0.00	38.66 0.83 -0.14	44.60 1.30 0.00	49.90 1.50 0.00	51.39 1.59 0.00	52.73 1.29 0.00	55.20 1.56 0.00	56.46 1.54 0.00	59.39 1.39 0.00	56.85 1.49 0.00	52.12 1.37 0.00	47.98 0.89 0.00	45.65 0.81 0.00	47.43 1.02 0.00	44.35 0.87 0.00	39.02 1.10 0.00	43.11 0.97 0.00
SOUTH CAIRO____GT 23612	37.18 0.98 0.00	31.30 0.85 0.00	29.56 0.75 0.00	29.25 0.71 0.00	29.41 0.63 0.00	30.44 0.51 0.00	38.03 1.29 0.00	37.57 2.52 0.00	48.25 2.75 -7.81	46.11 2.81 0.00	51.98 3.58 0.00	53.29 3.49 0.00	55.71 4.27 0.00	58.04 4.40 0.00	59.86 4.94 0.00	64.70 5.16 -1.54	60.45 5.09 0.00	55.01 4.26 0.00	51.17 3.91 -0.17	47.98 3.14 0.00	49.70 3.29 0.00	46.26 2.78 0.00	40.12 2.20 0.00	43.57 1.43 0.00
SOUTH HAMPTN____IC 23720	54.56 5.14 -13.22	52.79 4.26 -18.08	51.45 3.89 -18.75	50.97 3.85 -18.58	50.85 3.83 -18.24	51.39 3.92 -17.54	52.98 5.29 -10.95	56.33 6.48 -14.80	58.10 6.90 -13.51	60.87 7.84 -9.73	70.50 8.81 -13.29	72.73 9.01 -13.92	84.32 10.08 -22.80	96.58 10.62 -32.32	103.24 11.09 -37.23	106.78 11.77 -37.01	112.24 11.68 -45.20	96.71 11.82 -35.56	93.91 9.18 -37.64	74.03 8.52 -20.67	78.83 8.96 -23.46	74.02 8.35 -22.19	71.57 7.17 -26.48	58.06 6.41 -9.51
SOUTHOLD____IC 23719	55.10 5.68 -13.22	53.22 4.69 -18.08	51.82 4.26 -18.75	51.34 4.22 -18.58	51.22 4.20 -18.24	51.78 4.31 -17.54	53.49 5.80 -10.95	57.00 7.15 -14.80	58.89 7.69 -13.51	61.86 8.83 -9.73	71.71 10.02 -13.29	74.03 10.31 -13.92	85.66 11.42 -22.80	98.03 12.07 -32.32	104.78 12.63 -37.23	108.41 13.40 -37.01	113.85 13.29 -45.20	98.13 11.82 -35.56	95.14 10.41 -37.64	75.15 9.64 -20.67	80.08 10.21 -23.46	75.10 9.43 -22.19	72.48 8.08 -26.48	58.81 7.16 -9.51
ST LAWRENCE____ 23600	34.93 -1.27 0.00	29.38 -1.07 0.00	27.89 -0.92 0.00	27.60 -0.94 0.00	27.89 -0.89 0.00	28.91 -1.02 0.00	35.60 -1.14 0.00	33.54 -1.51 0.00	36.26 -1.43 0.00	41.48 -1.82 0.00	46.37 -2.03 0.00	47.66 -2.14 0.00	49.49 -1.95 0.00	51.33 -2.31 0.00	52.23 -2.69 0.00	55.45 -2.55 0.00	52.20 -3.16 0.00	47.86 -2.89 0.00	45.21 -1.88 0.00	42.91 -1.93 0.00	44.18 -2.23 0.00	41.65 -1.83 0.00	35.68 -2.24 0.00	40.75 -1.39 0.00
STATION 5_MISC_HYD 23604	39.17 2.97 0.00	32.76 2.31 0.00	30.77 1.96 0.00	30.57 2.03 0.00	30.82 2.04 0.00	32.53 2.60 0.00	39.02 2.28 0.00	36.94 1.89 0.00	39.82 1.32 -0.81	45.55 2.25 0.00	51.26 2.86 0.00	52.94 3.14 0.00	53.29 1.85 0.00	56.27 2.63 0.00	57.56 2.64 0.00	59.91 1.91 0.00	58.57 3.21 0.00	53.59 2.84 0.00	48.64 1.55 0.00	47.26 2.42 0.00	49.57 3.16 0.00	45.83 2.35 0.00	41.52 3.60 0.00	44.84 2.70 0.00
STURGEON_POOL_HYD 23609	37.72 1.52 0.00	31.79 1.34 0.00	30.02 1.21 0.00	29.74 1.20 0.00	29.90 1.12 0.00	30.92 0.99 0.00	38.61 1.87 0.00	38.27 3.22 0.00	48.29 3.43 -7.17	46.94 3.64 0.00	52.80 4.40 0.00	54.13 4.33 0.00	56.58 5.14 0.00	59.11 5.47 0.00	60.85 5.93 0.00	66.59 6.32 -2.27	61.62 6.26 0.00	56.08 5.33 0.00	52.18 4.85 -0.24	49.01 4.17 0.00	50.77 4.36 0.00	47.35 3.87 0.00	40.99 3.07 0.00	44.37 2.23 0.00



SYRACUSE___POWER 24017	35.91 -0.29 0.00	30.21 -0.24 0.00	28.49 -0.32 0.00	28.20 -0.34 0.00	28.43 -0.35 0.00	29.75 -0.18 0.00	36.48 -0.26 0.00	35.09 0.04 0.00	38.38 0.11 -0.58	43.69 0.39 0.00	48.84 0.44 0.00	50.35 0.55 0.00	51.65 0.21 0.00	54.02 0.38 0.00	55.30 0.38 0.00	58.12 0.12 0.00	55.80 0.44 0.00	51.11 0.36 0.00	46.95 -0.14 0.00	44.71 -0.13 0.00	46.50 0.09 0.00	43.52 0.04 0.00	38.30 0.38 0.00	41.76 -0.38 0.00
Stony___Brook 24151	53.37 3.95 -13.22	51.85 3.32 -18.08	50.61 3.05 -18.75	50.17 3.05 -18.58	50.04 3.02 -18.24	50.43 2.96 -17.54	51.66 3.97 -10.95	54.55 4.70 -14.80	56.06 4.86 -13.51	58.44 5.41 -9.73	67.74 6.05 -13.29	69.35 5.63 -13.92	80.67 6.43 -22.80	92.61 6.65 -32.32	99.18 7.03 -37.23	102.61 7.60 -37.01	108.09 7.53 -45.20	92.91 6.60 -35.56	90.62 5.89 -37.64	70.98 5.47 -20.67	75.58 5.71 -23.46	70.97 5.30 -22.19	69.29 4.89 -26.48	56.03 4.38 -9.51
UPPER HUDSON___HYD 24058	39.49 3.29 0.00	33.10 2.65 0.00	31.23 2.42 0.00	30.94 2.40 0.00	31.17 2.39 0.00	32.50 2.57 0.00	40.01 3.27 0.00	38.10 3.05 0.00	50.29 3.39 -9.21	46.98 3.68 0.00	52.18 3.78 0.00	53.39 3.59 0.00	54.68 3.24 0.00	56.97 3.33 0.00	58.38 3.46 0.00	61.73 3.36 -0.37	58.57 3.21 0.00	53.74 2.99 0.00	49.51 2.35 -0.07	47.13 2.29 0.00	49.43 3.02 0.00	46.44 2.96 0.00	40.76 2.84 0.00	45.39 3.25 0.00
UPPER RAQUET___HYD 24056	35.11 -1.09 0.00	29.51 -0.94 0.00	27.97 -0.84 0.00	27.68 -0.86 0.00	27.97 -0.81 0.00	29.06 -0.87 0.00	35.89 -0.85 0.00	32.70 -2.35 0.00	35.47 -2.22 0.00	40.75 -2.55 0.00	45.59 -2.81 0.00	46.86 -2.94 0.00	48.56 -2.88 0.00	50.64 -3.00 0.00	51.57 -3.35 0.00	54.81 -3.19 0.00	51.54 -3.82 0.00	47.25 -3.50 0.00	44.64 -2.45 0.00	42.37 -2.47 0.00	44.32 -2.09 0.00	41.83 -1.65 0.00	35.87 -2.05 0.00	40.96 -1.18 0.00
VISCHER___FERRY HYD 24020	38.84 2.64 0.00	32.61 2.16 0.00	30.83 2.02 0.00	30.54 2.00 0.00	30.77 1.99 0.00	32.00 2.07 0.00	39.28 2.54 0.00	37.78 2.73 0.00	49.54 2.94 -8.91	46.76 3.46 0.00	52.13 3.73 0.00	53.58 3.78 0.00	55.25 3.81 0.00	57.56 3.92 0.00	58.98 4.06 0.00	62.42 4.18 -0.24	59.46 4.10 0.00	54.51 3.76 0.00	50.40 3.25 -0.06	48.02 3.18 0.00	49.84 3.43 0.00	46.65 3.17 0.00	40.76 2.84 0.00	44.88 2.74 0.00
WADING RIVER_1-3_GRP5 24038	53.37 3.95 -13.22	51.82 3.29 -18.08	50.61 3.05 -18.75	50.17 3.05 -18.58	50.04 3.02 -18.24	50.46 2.99 -17.54	51.73 4.04 -10.95	54.76 4.91 -14.80	56.17 4.97 -13.51	58.44 5.41 -9.73	67.60 5.91 -13.29	69.55 5.83 -13.92	80.88 6.64 -22.80	92.88 6.92 -32.32	99.45 7.30 -37.23	102.84 7.83 -37.01	108.37 7.81 -45.20	93.16 6.85 -35.56	90.85 6.12 -37.64	71.16 5.65 -20.67	75.81 5.94 -23.46	71.24 5.57 -22.19	69.37 4.97 -26.48	56.20 4.55 -9.51
WADING RIVER_IC_1 23522	53.37 3.95 -13.22	51.82 3.29 -18.08	50.61 3.05 -18.75	50.17 3.05 -18.58	50.04 3.02 -18.24	50.46 2.99 -17.54	51.73 4.04 -10.95	54.76 4.91 -14.80	56.17 4.97 -13.51	58.44 5.41 -9.73	67.60 5.91 -13.29	69.55 5.83 -13.92	80.88 6.64 -22.80	92.88 6.92 -32.32	99.45 7.30 -37.23	102.84 7.83 -37.01	108.37 7.81 -45.20	93.16 6.85 -35.56	90.85 6.12 -37.64	71.16 5.65 -20.67	75.81 5.94 -23.46	71.24 5.57 -22.19	69.37 4.97 -26.48	56.20 4.55 -9.51
WADING RIVER_IC_2 23547	53.37 3.95 -13.22	51.82 3.29 -18.08	50.61 3.05 -18.75	50.17 3.05 -18.58	50.04 3.02 -18.24	50.46 2.99 -17.54	51.73 4.04 -10.95	54.76 4.91 -14.80	56.17 4.97 -13.51	58.44 5.41 -9.73	67.60 5.91 -13.29	69.55 5.83 -13.92	80.88 6.64 -22.80	92.88 6.92 -32.32	99.45 7.30 -37.23	102.84 7.83 -37.01	108.37 7.81 -45.20	93.16 6.85 -35.56	90.85 6.12 -37.64	71.16 5.65 -20.67	75.81 5.94 -23.46	71.24 5.57 -22.19	69.37 4.97 -26.48	56.20 4.55 -9.51
WADING RIVER_IC_3 23601	53.37 3.95 -13.22	51.82 3.29 -18.08	50.61 3.05 -18.75	50.17 3.05 -18.58	50.04 3.02 -18.24	50.46 2.99 -17.54	51.73 4.04 -10.95	54.76 4.91 -14.80	56.17 4.97 -13.51	58.44 5.41 -9.73	67.60 5.91 -13.29	69.55 5.83 -13.92	80.88 6.64 -22.80	92.88 6.92 -32.32	99.45 7.30 -37.23	102.84 7.83 -37.01	108.37 7.81 -45.20	93.16 6.85 -35.56	90.85 6.12 -37.64	71.16 5.65 -20.67	75.81 5.94 -23.46	71.24 5.57 -22.19	69.37 4.97 -26.48	56.20 4.55 -9.51
WALDEN___HYDRO 24148	37.97 1.77 0.00	32.00 1.55 0.00	30.25 1.44 0.00	29.97 1.43 0.00	30.13 1.35 0.00	31.19 1.26 0.00	38.80 2.06 0.00	38.20 3.15 0.00	47.87 3.39 -6.79	46.98 3.68 0.00	52.66 4.26 0.00	54.08 4.28 0.00	56.38 4.94 0.00	58.90 5.26 0.00	60.52 5.60 0.00	67.51 6.03 -3.48	61.28 5.92 0.00	55.88 5.13 0.00	52.06 4.62 -0.35	48.97 4.13 0.00	50.73 4.32 0.00	47.35 3.87 0.00	41.07 3.15 0.00	44.58 2.44 0.00
WARRENSBURG____ 23737	39.28 3.08 0.00	32.92 2.47 0.00	31.06 2.25 0.00	30.77 2.23 0.00	31.00 2.22 0.00	32.29 2.36 0.00	39.79 3.05 0.00	37.85 2.80 0.00	50.07 3.17 -9.21	46.68 3.38 0.00	51.84 3.44 0.00	53.04 3.24 0.00	54.32 2.88 0.00	56.59 2.95 0.00	58.00 3.08 0.00	61.33 2.96 -0.37	58.18 2.82 0.00	53.39 2.64 0.00	49.19 2.03 -0.07	46.81 1.97 0.00	49.10 2.69 0.00	46.13 2.65 0.00	40.50 2.58 0.00	45.13 2.99 0.00
WATERSIDE___6 8 9 23538	67.67 3.48 -27.99	64.08 2.92 -30.71	62.53 2.71 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.05 2.69 -31.43	65.65 3.64 -25.27	68.97 4.63 -29.29	75.37 4.94 -32.74	117.01 5.54 -68.17	116.66 6.20 -62.06	117.20 6.32 -61.08	117.30 6.89 -58.97	121.87 7.35 -60.88	121.93 7.63 -59.38	121.89 8.24 -55.65	121.88 8.03 -58.49	117.20 7.16 -59.29	116.65 6.40 -63.16	116.52 6.05 -65.63	106.11 6.31 -53.39	102.85 5.87 -53.50	75.36 4.97 -32.47	71.13 4.30 -24.69
WEST BABYLON___IC 23714	53.95 4.16 -13.59	52.39 3.50 -18.44	50.82 3.26 -18.75	50.34 3.22 -18.58	50.21 3.19 -18.24	50.73 3.26 -17.54	52.50 4.41 -11.35	55.64 5.36 -15.23	57.37 5.69 -13.99	59.98 6.45 -10.23	69.29 7.26 -13.63	71.58 7.27 -14.51	82.80 8.08 -23.28	94.44 8.48 -32.32	101.05 8.90 -37.23	104.46 9.45 -37.01	109.97 9.41 -45.20	94.63 8.32 -35.56	92.25 7.44 -37.72	73.27 6.91 -21.52	77.83 7.29 -24.13	73.04 6.74 -22.82	70.18 5.73 -26.53	58.14 5.14 -10.86
WEST CANADA___HYD 24049	36.53 0.33 0.00	30.72 0.27 0.00	29.07 0.26 0.00	28.80 0.26 0.00	29.01 0.23 0.00	30.20 0.27 0.00	37.07 0.33 0.00	35.33 0.28 0.00	37.80 0.30 0.19	43.69 0.39 0.00	48.84 0.44 0.00	50.25 0.45 0.00	51.85 0.41 0.00	54.12 0.48 0.00	55.58 0.66 0.00	58.64 0.64 0.00	56.02 0.66 0.00	51.36 0.61 0.00	47.56 0.47 0.00	45.29 0.45 0.00	46.92 0.51 0.00	43.91 0.43 0.00	38.38 0.46 0.00	42.52 0.38 0.00
WESTERN_NY_WIND 24143	34.90 -1.30 0.00	29.32 -1.13 0.00	27.51 -1.30 0.00	27.34 -1.20 0.00	27.54 -1.24 0.00	29.18 -0.75 0.00	34.61 -2.13 0.00	33.65 -1.40 0.00	36.38 -2.26 -0.95	41.01 -2.29 0.00	45.79 -2.61 0.00	47.21 -2.59 0.00	47.68 -3.76 0.00	50.47 -3.17 0.00	51.73 -3.19 0.00	53.59 -4.41 0.00	52.76 -2.60 0.00	48.47 -2.28 0.00	43.37 -3.72 0.00	41.79 -3.05 0.00	44.04 -2.37 0.00	40.74 -2.74 0.00	37.16 -0.76 0.00	39.61 -2.53 0.00
YORK___WARBASSE 23770	67.70 3.51 -27.99	64.11 2.95 -30.71	62.56 2.74 -31.01	62.53 2.71 -31.28	59.38 2.65 -27.95	64.08 2.72 -31.43	65.76 3.75 -25.27	69.07 4.73 -29.29	75.59 5.16 -32.74	117.23 5.76 -68.17	116.95 6.49 -62.06	117.55 6.67 -61.08	117.66 7.25 -58.97	122.24 7.72 -60.88	122.32 8.02 -59.38	122.29 8.64 -55.65	122.26 8.41 -58.49	117.50 7.46 -59.29	116.89 6.64 -63.16	116.75 6.28 -65.63	106.39 6.59 -53.39	103.11 6.13 -53.50	75.55 5.16 -32.47	71.26 4.43 -24.69