

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/21/2002

Name PTID	00:00 EST	01:00 EST	02:00 EST	03:00 EST	04:00 EST	05:00 EST	06:00 EST	07:00 EST	08:00 EST	09:00 EST	10:00 EST	11:00 EST	12:00 EST	13:00 EST	14:00 EST	15:00 EST	16:00 EST	17:00 EST	18:00 EST	19:00 EST	20:00 EST	21:00 EST	22:00 EST	23:00 EST
59TH STREET_GT_1 24138	49.63 3.03 0.00	43.88 2.79 0.00	39.27 2.74 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.98 2.89 0.00	53.62 3.46 0.00	63.51 4.14 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.85 4.10 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.32 3.46 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.26 4.65 -8.96	55.41 3.45 -9.31	53.32 3.35 -9.08	48.15 3.37 -3.21
74TH STREET_GT_1 24260	49.63 3.03 0.00	43.88 2.79 0.00	39.27 2.74 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.98 2.89 0.00	53.62 3.46 0.00	63.51 4.14 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.85 4.10 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.32 3.46 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.26 4.65 -8.96	55.41 3.45 -9.31	53.32 3.35 -9.08	48.15 3.37 -3.21
74TH STREET_GT_2 24261	49.63 3.03 0.00	43.88 2.79 0.00	39.27 2.74 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.98 2.89 0.00	53.62 3.46 0.00	63.51 4.14 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.85 4.10 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.32 3.46 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.26 4.65 -8.96	55.41 3.45 -9.31	53.32 3.35 -9.08	48.15 3.37 -3.21
ADK HUDSON___FALLS 24011	46.93 0.33 0.00	41.58 0.49 0.00	36.97 0.44 0.00	35.70 0.39 0.00	37.30 0.37 0.00	40.77 0.68 0.00	51.36 1.20 0.00	54.36 1.22 0.00	53.48 1.46 0.00	53.63 1.61 0.00	52.85 1.59 0.00	49.69 1.45 0.00	45.93 1.25 0.00	45.00 0.71 0.00	44.29 0.74 0.00	42.97 0.76 0.00	57.03 1.28 0.00	66.95 1.31 0.00	65.22 1.34 0.00	63.14 1.48 0.00	61.02 1.37 0.00	44.01 1.36 0.00	41.87 0.98 0.00	42.44 0.87 0.00
ADK RESOURCE___RCVRY 23798	46.93 0.33 0.00	41.58 0.49 0.00	36.97 0.44 0.00	35.70 0.39 0.00	37.30 0.37 0.00	40.77 0.68 0.00	51.36 1.20 0.00	54.36 1.22 0.00	53.48 1.46 0.00	53.63 1.61 0.00	52.85 1.59 0.00	49.69 1.45 0.00	45.93 1.25 0.00	45.00 0.71 0.00	44.29 0.74 0.00	42.97 0.76 0.00	57.03 1.28 0.00	66.95 1.31 0.00	65.22 1.34 0.00	63.14 1.48 0.00	61.02 1.37 0.00	44.01 1.36 0.00	41.87 0.98 0.00	42.44 0.87 0.00
ADK S GLENS___FALLS 24028	46.93 0.33 0.00	41.58 0.49 0.00	36.97 0.44 0.00	35.70 0.39 0.00	37.30 0.37 0.00	40.77 0.68 0.00	51.36 1.20 0.00	54.36 1.22 0.00	53.48 1.46 0.00	53.63 1.61 0.00	52.85 1.59 0.00	49.69 1.45 0.00	45.93 1.25 0.00	45.00 0.71 0.00	44.29 0.74 0.00	42.97 0.76 0.00	57.03 1.28 0.00	66.95 1.31 0.00	65.22 1.34 0.00	63.14 1.48 0.00	61.02 1.37 0.00	44.01 1.36 0.00	41.87 0.98 0.00	42.44 0.87 0.00
ADK_NYS___DAM 23527	47.63 1.03 0.00	42.08 0.99 0.00	37.44 0.91 0.00	36.19 0.88 0.00	37.78 0.85 0.00	41.17 1.08 0.00	51.56 1.40 0.00	54.52 1.38 0.00	53.58 1.56 0.00	53.74 1.72 0.00	52.95 1.69 0.00	49.78 1.54 0.00	46.07 1.39 0.00	45.57 1.28 0.00	44.86 1.31 0.00	43.52 1.31 0.00	57.59 1.84 0.00	67.48 1.84 0.00	65.73 1.85 0.00	63.63 1.97 0.00	61.50 1.85 0.00	44.10 1.45 0.00	42.16 1.27 0.00	42.94 1.37 0.00
AIR_PRODUCTS___DRP 24190	47.72 1.12 0.00	42.20 1.11 0.00	37.63 1.10 0.00	36.37 1.06 0.00	37.96 1.03 0.00	41.33 1.24 0.00	51.71 1.55 0.00	54.89 1.75 0.00	53.84 1.82 0.00	53.89 1.87 0.00	53.11 1.85 0.00	49.98 1.74 0.00	46.24 1.56 0.00	45.80 1.51 0.00	45.07 1.52 0.00	43.73 1.52 0.00	57.81 2.06 0.00	67.87 2.23 0.00	66.05 2.17 0.00	63.88 2.22 0.00	61.80 2.15 0.00	44.27 1.62 0.00	42.36 1.47 0.00	43.02 1.45 0.00
ALBANY___1 23571	47.72 1.12 0.00	42.20 1.11 0.00	37.63 1.10 0.00	36.37 1.06 0.00	37.96 1.03 0.00	41.33 1.24 0.00	51.71 1.55 0.00	54.89 1.75 0.00	53.84 1.82 0.00	53.89 1.87 0.00	53.11 1.85 0.00	49.98 1.74 0.00	46.24 1.56 0.00	45.80 1.51 0.00	45.07 1.52 0.00	43.73 1.52 0.00	57.81 2.06 0.00	67.87 2.23 0.00	66.05 2.17 0.00	63.88 2.22 0.00	61.80 2.15 0.00	44.27 1.62 0.00	42.36 1.47 0.00	43.02 1.45 0.00
ALBANY___2 23572	47.72 1.12 0.00	42.20 1.11 0.00	37.63 1.10 0.00	36.37 1.06 0.00	37.96 1.03 0.00	41.33 1.24 0.00	51.71 1.55 0.00	54.89 1.75 0.00	53.84 1.82 0.00	53.89 1.87 0.00	53.11 1.85 0.00	49.98 1.74 0.00	46.24 1.56 0.00	45.80 1.51 0.00	45.07 1.52 0.00	43.73 1.52 0.00	57.81 2.06 0.00	67.87 2.23 0.00	66.05 2.17 0.00	63.88 2.22 0.00	61.80 2.15 0.00	44.27 1.62 0.00	42.36 1.47 0.00	43.02 1.45 0.00
ALBANY___3 23573	47.72 1.12 0.00	42.20 1.11 0.00	37.63 1.10 0.00	36.37 1.06 0.00	37.96 1.03 0.00	41.33 1.24 0.00	51.71 1.55 0.00	54.89 1.75 0.00	53.84 1.82 0.00	53.89 1.87 0.00	53.11 1.85 0.00	49.98 1.74 0.00	46.24 1.56 0.00	45.80 1.51 0.00	45.07 1.52 0.00	43.73 1.52 0.00	57.81 2.06 0.00	67.87 2.23 0.00	66.05 2.17 0.00	63.88 2.22 0.00	61.80 2.15 0.00	44.27 1.62 0.00	42.36 1.47 0.00	43.02 1.45 0.00
ALBANY___4 23574	47.72 1.12 0.00	42.20 1.11 0.00	37.63 1.10 0.00	36.37 1.06 0.00	37.96 1.03 0.00	41.33 1.24 0.00	51.71 1.55 0.00	54.89 1.75 0.00	53.84 1.82 0.00	53.89 1.87 0.00	53.11 1.85 0.00	49.98 1.74 0.00	46.24 1.56 0.00	45.80 1.51 0.00	45.07 1.52 0.00	43.73 1.52 0.00	57.81 2.06 0.00	67.87 2.23 0.00	66.05 2.17 0.00	63.88 2.22 0.00	61.80 2.15 0.00	44.27 1.62 0.00	42.36 1.47 0.00	43.02 1.45 0.00



ALCOA_RYNLDS___DRP 24188	46.41 -0.19 0.00	41.05 -0.04 0.00	36.57 0.04 0.00	35.17 -0.14 0.00	36.97 0.04 0.00	40.17 0.08 0.00	50.46 0.30 0.00	53.19 0.05 0.00	51.92 -0.10 0.00	51.76 -0.26 0.00	51.05 -0.21 0.00	47.95 -0.29 0.00	44.46 -0.22 0.00	44.07 -0.22 0.00	43.38 -0.17 0.00	42.00 -0.21 0.00	55.42 -0.33 0.00	65.38 -0.26 0.00	63.62 -0.26 0.00	61.23 -0.43 0.00	59.23 -0.42 0.00	42.05 -0.60 0.00	40.52 -0.37 0.00	41.24 -0.33 0.00
ALLEGHENY___COGEN 23514	44.92 -1.68 0.00	39.41 -1.68 0.00	34.48 -2.05 0.00	33.69 -1.62 0.00	35.19 -1.74 0.00	38.29 -1.80 0.00	48.20 -1.96 0.00	51.33 -1.81 0.00	50.25 -1.77 0.00	50.30 -1.72 0.00	49.47 -1.79 0.00	46.65 -1.59 0.00	43.16 -1.52 0.00	42.87 -1.42 0.00	42.03 -1.52 0.00	40.69 -1.52 0.00	53.75 -2.12 -0.12	63.80 -1.84 0.00	62.03 -1.85 0.00	59.81 -1.85 0.00	57.74 -1.91 0.00	41.58 -1.07 0.00	38.89 -2.00 0.00	39.23 -2.45 -0.11
AMERICAN_REF_FUEL 24010	42.03 -4.57 0.00	36.53 -4.56 0.00	31.74 -4.79 0.00	31.11 -4.20 0.00	32.39 -4.54 0.00	35.16 -4.93 0.00	43.69 -6.47 0.00	46.34 -6.80 0.00	45.31 -6.71 0.00	45.31 -6.71 0.00	44.60 -6.66 0.00	42.11 -6.13 0.00	38.96 -5.72 0.00	38.71 -5.58 0.00	37.93 -5.62 0.00	36.72 -5.49 0.00	45.45 -7.64 2.66	57.04 -8.60 0.00	55.51 -8.37 0.00	53.52 -8.14 0.00	51.90 -7.75 0.00	37.79 -4.86 0.00	35.21 -5.68 0.00	32.73 -6.19 2.65
ARTHUR_KILL_GT_1 23520	49.72 3.12 0.00	44.01 2.92 0.00	39.38 2.85 0.00	38.03 2.72 0.00	39.66 2.73 0.00	43.06 2.97 0.00	53.77 3.61 0.00	63.73 4.36 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.70 3.95 -12.49	68.97 3.71 -17.02	64.60 3.40 -16.52	62.67 3.37 -15.01	63.35 3.35 -16.45	68.36 3.50 -22.65	83.97 4.63 -23.59	114.61 4.79 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.08 4.47 -8.96	55.46 3.50 -9.31	53.41 3.43 -9.09	48.15 3.37 -3.21
ARTHUR_KILL_2 23512	49.72 3.12 0.00	44.01 2.92 0.00	39.38 2.85 0.00	38.03 2.72 0.00	39.66 2.73 0.00	43.06 2.97 0.00	53.77 3.61 0.00	63.73 4.36 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.70 3.95 -12.49	68.97 3.71 -17.02	64.60 3.40 -16.52	62.67 3.37 -15.01	63.35 3.35 -16.45	68.36 3.50 -22.65	83.97 4.63 -23.59	114.61 4.79 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.08 4.47 -8.96	55.46 3.50 -9.31	53.41 3.43 -9.09	48.15 3.37 -3.21
ARTHUR_KILL_3 23513	49.49 2.89 0.00	43.76 2.67 0.00	39.16 2.63 0.00	37.82 2.51 0.00	39.44 2.51 0.00	42.86 2.77 0.00	53.32 3.16 0.00	63.25 3.88 -6.23	68.83 3.80 -13.01	78.99 3.90 -23.07	67.54 3.79 -12.49	68.83 3.57 -17.02	64.51 3.31 -16.52	62.53 3.23 -15.01	63.22 3.22 -16.45	68.11 3.25 -22.65	83.63 4.29 -23.59	114.41 4.59 -44.18	99.55 4.47 -31.20	89.29 4.44 -23.19	72.96 4.35 -8.96	55.20 3.24 -9.31	53.08 3.11 -9.08	48.06 3.28 -3.21
ASHOKAN____ 23654	48.74 2.14 0.00	43.06 1.97 0.00	38.54 2.01 0.00	37.11 1.80 0.00	38.78 1.85 0.00	42.17 2.08 0.00	52.82 2.66 0.00	56.28 3.14 0.00	55.14 3.12 0.00	55.25 3.23 0.00	54.44 3.18 0.00	51.23 2.99 0.00	47.41 2.73 0.00	46.99 2.70 0.00	46.21 2.66 0.00	44.87 2.66 0.00	59.28 3.57 0.04	69.45 3.81 0.00	67.58 3.70 0.00	65.48 3.82 0.00	63.35 3.70 0.00	45.34 2.69 0.00	43.43 2.54 0.00	43.90 2.37 0.04
ASTORIA 5-9____ 23662	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA GT2____ 23536	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA GT3____ 23731	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA GT4____ 23727	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT2_1 24094	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT2_2 24095	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT2_3 24096	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT2_4 24097	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT3_1 24098	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21



ASTORIA_GT3_2 24099	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT3_3 24100	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT3_4 24101	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT4_1 24102	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT4_2 24103	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT4_3 24104	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT4_4 24105	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT_1 23523	49.95 3.35 0.00	44.17 3.08 0.00	39.49 2.96 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.68 3.48 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	68.36 3.50 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.20 4.59 -8.96	55.59 3.63 -9.31	53.58 3.60 -9.09	48.44 3.66 -3.21
ASTORIA_GT_10 24110	49.95 3.35 0.00	44.17 3.08 0.00	39.49 2.96 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.68 3.48 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	68.36 3.50 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.20 4.59 -8.96	55.59 3.63 -9.31	53.58 3.60 -9.09	48.44 3.66 -3.21
ASTORIA_GT_11 24225	49.95 3.35 0.00	44.17 3.08 0.00	39.49 2.96 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.68 3.48 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	68.36 3.50 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.20 4.59 -8.96	55.59 3.63 -9.31	53.58 3.60 -9.09	48.44 3.66 -3.21
ASTORIA_GT_12 24226	49.95 3.35 0.00	44.17 3.08 0.00	39.49 2.96 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.68 3.48 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	68.36 3.50 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.20 4.59 -8.96	55.59 3.63 -9.31	53.58 3.60 -9.09	48.44 3.66 -3.21
ASTORIA_GT_13 24227	49.95 3.35 0.00	44.17 3.08 0.00	39.49 2.96 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.68 3.48 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	68.36 3.50 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.20 4.59 -8.96	55.59 3.63 -9.31	53.58 3.60 -9.09	48.44 3.66 -3.21
ASTORIA_GT_5 24106	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT_7 24107	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA_GT_8 24108	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA___2 24149	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21



ASTORIA___3 23516	49.91 3.31 0.00	44.13 3.04 0.00	39.45 2.92 0.00	38.10 2.79 0.00	39.74 2.81 0.00	43.18 3.09 0.00	53.82 3.66 0.00	63.36 3.99 -6.23	68.78 3.75 -13.01	78.94 3.85 -23.07	67.49 3.74 -12.49	68.78 3.52 -17.02	64.42 3.22 -16.52	62.49 3.19 -15.01	63.14 3.14 -16.45	68.11 3.25 -22.65	83.58 4.24 -23.59	114.41 4.59 -44.18	99.55 4.47 -31.20	89.29 4.44 -23.19	72.84 4.23 -8.96	55.37 3.41 -9.31	53.54 3.56 -9.09	48.44 3.66 -3.21
ASTORIA___4 23517	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.83 4.46 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTORIA___5 23518	50.19 3.59 0.00	44.34 3.25 0.00	39.63 3.10 0.00	38.28 2.97 0.00	39.92 2.99 0.00	43.38 3.29 0.00	54.22 4.06 0.00	63.57 4.20 -6.23	68.62 3.59 -13.01	78.78 3.69 -23.07	67.34 3.59 -12.49	68.63 3.38 -17.01	64.33 3.13 -16.52	62.39 3.10 -15.00	63.08 3.09 -16.44	68.11 3.25 -22.65	83.52 4.18 -23.59	114.28 4.46 -44.18	99.42 4.34 -31.20	89.17 4.32 -23.19	72.79 4.18 -8.96	55.71 3.75 -9.31	53.70 3.72 -9.09	48.60 3.82 -3.21
ASTRIA 10-13____ 23663	49.95 3.35 0.00	44.17 3.08 0.00	39.49 2.96 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.68 3.48 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	68.36 3.50 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.20 4.59 -8.96	55.59 3.63 -9.31	53.58 3.60 -9.09	48.44 3.66 -3.21
BARRETT 1-8___GRP4 24034	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT 9-12___GRP3 24033	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_1 23704	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_10 23701	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_11 23702	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_12 23703	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_2 23705	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_3 23706	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_4 23707	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_5 23708	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_6 23709	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_7 23710	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21



BARRETT_IC_8 23711	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT_IC_9 23700	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.15 4.78 -6.23	68.41 3.38 -13.01	78.63 3.54 -23.07	67.80 4.05 -12.49	68.97 3.71 -17.02	64.55 3.35 -16.52	62.53 3.23 -15.01	63.18 3.18 -16.45	67.65 2.79 -22.65	81.18 1.84 -23.59	112.45 2.63 -44.18	97.83 2.75 -31.20	87.25 2.40 -23.19	73.02 4.41 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	49.39 4.61 -3.21
BARRETT___1 23545	50.79 4.19 0.00	45.24 4.15 0.00	40.58 4.05 0.00	39.23 3.92 0.00	40.92 3.99 0.00	44.50 4.41 0.00	54.52 4.36 0.00	63.83 4.46 -6.23	68.05 3.02 -13.01	78.26 3.17 -23.07	67.44 3.69 -12.49	68.64 3.38 -17.02	64.24 3.04 -16.52	62.22 2.92 -15.01	62.87 2.87 -16.45	67.35 2.49 -22.65	80.79 1.45 -23.59	111.99 2.17 -44.18	97.38 2.30 -31.20	86.76 1.91 -23.19	72.61 4.00 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	49.31 4.53 -3.21
BARRETT___2 23546	50.98 4.38 0.00	45.32 4.23 0.00	40.66 4.13 0.00	39.30 3.99 0.00	40.99 4.06 0.00	44.62 4.53 0.00	54.87 4.71 0.00	64.10 4.73 -6.23	68.10 3.07 -13.01	78.32 3.23 -23.07	67.49 3.74 -12.49	68.69 3.43 -17.02	64.28 3.08 -16.52	62.27 2.97 -15.01	62.92 2.92 -16.45	67.39 2.53 -22.65	80.85 1.51 -23.59	112.05 2.23 -44.18	97.44 2.36 -31.20	86.82 1.97 -23.19	72.67 4.06 -8.96	55.46 3.50 -9.31	53.32 3.35 -9.08	49.19 4.41 -3.21
BEAVER RIVER___HYD 24048	46.27 -0.33 0.00	40.76 -0.33 0.00	36.20 -0.33 0.00	34.92 -0.39 0.00	36.63 -0.30 0.00	39.93 -0.16 0.00	50.31 0.15 0.00	53.46 0.32 0.00	52.28 0.26 0.00	52.28 0.26 0.00	51.52 0.26 0.00	48.29 0.05 0.00	44.68 0.00 0.00	44.29 0.00 0.00	43.59 0.04 0.00	42.21 0.00 0.00	55.92 0.17 0.00	66.23 0.59 0.00	64.45 0.57 0.00	62.03 0.37 0.00	59.89 0.24 0.00	42.74 0.09 0.00	40.81 -0.08 0.00	41.32 -0.25 0.00
BEEBEE_GT_13 23619	45.02 -1.58 0.00	40.15 -0.94 0.00	35.21 -1.32 0.00	34.25 -1.06 0.00	35.79 -1.14 0.00	38.97 -1.12 0.00	49.36 -0.80 0.00	52.40 -0.74 0.00	51.45 -0.57 0.00	51.50 -0.52 0.00	50.75 -0.51 0.00	47.81 -0.43 0.00	44.23 -0.45 0.00	43.89 -0.40 0.00	43.03 -0.52 0.00	41.66 -0.55 0.00	55.29 -0.67 -0.21	65.44 -0.20 0.00	63.62 -0.26 0.00	61.35 -0.31 0.00	59.29 -0.36 0.00	42.65 0.00 0.00	39.95 -0.94 0.00	40.28 -1.50 -0.21
BETHLEHEM___STEEL 23779	42.22 -4.38 0.00	36.69 -4.40 0.00	31.96 -4.57 0.00	31.39 -3.92 0.00	32.72 -4.21 0.00	35.52 -4.57 0.00	44.29 -5.87 0.00	47.35 -5.79 0.00	46.14 -5.88 0.00	46.14 -5.88 0.00	45.31 -5.95 0.00	42.79 -5.45 0.00	39.59 -5.09 0.00	39.37 -4.92 0.00	38.59 -4.96 0.00	37.31 -4.90 0.00	46.43 -6.80 2.52	58.29 -7.35 0.00	56.66 -7.22 0.00	54.69 -6.97 0.00	52.91 -6.74 0.00	38.26 -4.39 0.00	35.62 -5.27 0.00	33.28 -5.78 2.51
BINGHAMTON___COGEN 23790	45.44 -1.16 0.00	39.73 -1.36 0.00	35.18 -1.35 0.00	34.18 -1.13 0.00	35.79 -1.14 0.00	38.85 -1.24 0.00	48.81 -1.35 0.00	52.02 -1.12 0.00	50.77 -1.25 0.00	50.82 -1.20 0.00	50.03 -1.23 0.00	47.13 -1.11 0.00	43.61 -1.07 0.00	43.27 -1.02 0.00	42.50 -1.05 0.00	41.20 -1.01 0.00	54.13 -1.39 0.23	64.26 -1.38 0.00	62.47 -1.41 0.00	60.37 -1.29 0.00	58.28 -1.37 0.00	41.80 -0.85 0.00	39.66 -1.23 0.00	40.01 -1.33 0.23
BLACK RIVER___HYD 24047	45.99 -0.61 0.00	40.47 -0.62 0.00	35.95 -0.58 0.00	34.67 -0.64 0.00	36.34 -0.59 0.00	39.69 -0.40 0.00	50.11 -0.05 0.00	53.35 0.21 0.00	52.23 0.21 0.00	52.28 0.26 0.00	51.47 0.21 0.00	48.29 0.05 0.00	44.64 -0.04 0.00	44.29 0.00 0.00	43.59 0.04 0.00	42.21 0.00 0.00	55.97 0.22 0.00	66.43 0.79 0.00	64.65 0.77 0.00	62.15 0.49 0.00	59.95 0.30 0.00	42.74 0.09 0.00	40.77 -0.12 0.00	41.20 -0.37 0.00
BLUE_CIRC_CHEM_DRP 24182	47.44 0.84 0.00	41.91 0.82 0.00	37.33 0.80 0.00	36.09 0.78 0.00	37.71 0.78 0.00	40.97 0.88 0.00	51.06 0.90 0.00	54.26 1.12 0.00	53.22 1.20 0.00	53.27 1.25 0.00	52.49 1.23 0.00	49.40 1.16 0.00	45.71 1.03 0.00	45.31 1.02 0.00	44.55 1.00 0.00	43.22 1.01 0.00	57.14 1.39 0.00	67.02 1.38 0.00	65.29 1.41 0.00	63.08 1.42 0.00	61.02 1.37 0.00	43.76 1.11 0.00	41.87 0.98 0.00	42.53 0.96 0.00
BOC_GAS_DRP 24189	47.35 0.75 0.00	41.83 0.74 0.00	37.30 0.77 0.00	36.02 0.71 0.00	37.63 0.70 0.00	40.89 0.80 0.00	51.11 0.95 0.00	54.26 1.12 0.00	53.22 1.20 0.00	53.27 1.25 0.00	52.49 1.23 0.00	49.40 1.16 0.00	45.75 1.07 0.00	45.31 1.02 0.00	44.55 1.00 0.00	43.22 1.01 0.00	57.14 1.39 0.00	67.02 1.38 0.00	65.22 1.34 0.00	63.08 1.42 0.00	61.02 1.37 0.00	43.76 1.11 0.00	41.91 1.02 0.00	42.61 1.04 0.00
BOWLINE___1 23526	48.37 1.77 0.00	42.82 1.73 0.00	38.39 1.86 0.00	37.08 1.77 0.00	38.70 1.77 0.00	41.89 1.80 0.00	52.22 2.06 0.00	55.74 2.60 0.00	54.57 2.55 0.00	54.67 2.65 0.00	53.87 2.61 0.00	50.70 2.46 0.00	46.96 2.28 0.00	46.50 2.21 0.00	45.77 2.22 0.00	44.45 2.24 0.00	58.66 2.95 0.04	68.79 3.15 0.00	66.95 3.07 0.00	64.74 3.08 0.00	62.63 2.98 0.00	44.91 2.26 0.00	43.14 2.25 0.00	43.73 2.20 0.04
BOWLINE___2 23595	48.60 2.00 0.00	42.98 1.89 0.00	38.47 1.94 0.00	37.15 1.84 0.00	38.74 1.81 0.00	42.01 1.92 0.00	52.47 2.31 0.00	56.01 2.87 0.00	54.83 2.81 0.00	54.93 2.91 0.00	54.13 2.87 0.00	50.94 2.70 0.00	47.14 2.46 0.00	46.73 2.44 0.00	45.99 2.44 0.00	44.62 2.41 0.00	58.94 3.23 0.04	69.12 3.48 0.00	67.27 3.39 0.00	65.05 3.39 0.00	62.93 3.28 0.00	45.12 2.47 0.00	43.26 2.37 0.00	43.90 2.37 0.04
BROOKHAVEN___DRP 24191	48.56 1.96 0.00	43.27 2.18 0.00	39.05 2.52 0.00	37.92 2.61 0.00	39.22 2.29 0.00	42.34 2.25 0.00	52.87 2.71 0.00	62.88 3.51 -6.23	68.31 3.28 -13.01	78.68 3.59 -23.07	67.75 4.00 -12.49	69.07 3.81 -17.02	64.64 3.44 -16.52	62.62 3.32 -15.01	63.22 3.22 -16.45	67.14 2.28 -22.65	82.35 3.01 -23.59	114.22 4.40 -44.18	99.68 4.60 -31.20	88.86 4.01 -23.19	73.02 4.41 -8.96	55.41 3.45 -9.31	53.12 3.15 -9.08	48.27 3.49 -3.21
BROOKLYN_NAVY_YARD 23515	49.49 2.89 0.00	43.72 2.63 0.00	39.09 2.56 0.00	37.75 2.44 0.00	39.37 2.44 0.00	42.82 2.73 0.00	53.52 3.36 0.00	63.57 4.20 -6.23	69.19 4.16 -13.01	79.36 4.27 -23.07	67.95 4.20 -12.49	69.17 3.91 -17.02	64.82 3.62 -16.52	62.84 3.54 -15.01	63.53 3.53 -16.45	68.41 3.55 -22.65	84.08 4.74 -23.59	115.01 5.19 -44.18	100.06 4.98 -31.20	89.84 4.99 -23.19	73.26 4.65 -8.96	55.46 3.50 -9.31	53.36 3.39 -9.08	48.11 3.33 -3.21
BURROWS___LYONSDAL 23803	46.83 0.23 0.00	41.21 0.12 0.00	36.60 0.07 0.00	35.38 0.07 0.00	37.04 0.11 0.00	40.33 0.24 0.00	50.56 0.40 0.00	53.72 0.58 0.00	52.59 0.57 0.00	52.59 0.57 0.00	51.82 0.56 0.00	48.72 0.48 0.00	45.08 0.40 0.00	44.69 0.40 0.00	43.94 0.39 0.00	42.59 0.38 0.00	56.36 0.61 0.00	66.62 0.98 0.00	64.84 0.96 0.00	62.52 0.86 0.00	60.37 0.72 0.00	43.25 0.60 0.00	41.30 0.41 0.00	41.86 0.29 0.00



CALPINE BETH_PAGE_GT4 24209	49.35 2.75 0.00	43.76 2.67 0.00	39.42 2.89 0.00	38.24 2.93 0.00	39.77 2.84 0.00	43.02 2.93 0.00	53.62 3.46 0.00	63.57 4.20 -6.23	68.78 3.75 -13.01	79.10 4.01 -23.07	68.06 4.31 -12.49	69.36 4.10 -17.02	64.91 3.71 -16.52	62.89 3.59 -15.01	63.53 3.53 -16.45	67.77 2.91 -22.65	83.13 3.79 -23.59	114.81 4.99 -44.18	100.13 5.05 -31.20	89.47 4.62 -23.19	73.62 5.01 -8.96	55.71 3.75 -9.31	53.57 3.60 -9.08	48.73 3.95 -3.21
CALSPAN___DRP 24200	42.22 -4.38 0.00	36.69 -4.40 0.00	31.96 -4.57 0.00	31.39 -3.92 0.00	32.72 -4.21 0.00	35.52 -4.57 0.00	44.29 -5.87 0.00	47.35 -5.79 0.00	46.14 -5.88 0.00	46.14 -5.88 0.00	45.31 -5.95 0.00	42.79 -5.45 0.00	39.59 -5.09 0.00	39.37 -4.92 0.00	38.59 -4.96 0.00	37.31 -4.90 0.00	46.43 -6.80 2.52	58.29 -7.35 0.00	56.66 -7.22 0.00	54.69 -6.97 0.00	52.91 -6.74 0.00	38.26 -4.39 0.00	35.62 -5.27 0.00	33.28 -5.78 2.51
CARR STREET_E__SYR 24060	45.95 -0.65 0.00	40.39 -0.70 0.00	35.76 -0.77 0.00	34.64 -0.67 0.00	36.23 -0.70 0.00	39.33 -0.76 0.00	49.26 -0.90 0.00	52.34 -0.80 0.00	51.24 -0.78 0.00	51.24 -0.78 0.00	50.49 -0.77 0.00	47.52 -0.72 0.00	43.97 -0.71 0.00	43.63 -0.66 0.00	42.85 -0.70 0.00	41.53 -0.68 0.00	54.91 -0.84 0.00	64.85 -0.79 0.00	63.05 -0.83 0.00	60.86 -0.80 0.00	58.81 -0.84 0.00	42.18 -0.47 0.00	40.24 -0.65 0.00	40.82 -0.75 0.00
CARTHAGE___PAPER 23857	46.13 -0.47 0.00	40.60 -0.49 0.00	36.06 -0.47 0.00	34.78 -0.53 0.00	36.45 -0.48 0.00	39.81 -0.28 0.00	50.21 0.05 0.00	53.41 0.27 0.00	52.28 0.26 0.00	52.28 0.26 0.00	51.47 0.21 0.00	48.29 0.05 0.00	44.68 0.00 0.00	44.33 0.04 0.00	43.59 0.04 0.00	42.21 0.00 0.00	55.97 0.22 0.00	66.36 0.72 0.00	64.58 0.70 0.00	62.15 0.49 0.00	59.95 0.30 0.00	42.74 0.09 0.00	40.81 -0.08 0.00	41.28 -0.29 0.00
CE_DUNWOOD___DRP 24194	49.16 2.56 0.00	43.47 2.38 0.00	38.87 2.34 0.00	37.57 2.26 0.00	39.18 2.25 0.00	42.54 2.45 0.00	53.12 2.96 0.00	62.93 3.56 -6.23	68.52 3.49 -13.01	78.68 3.59 -23.07	67.29 3.54 -12.49	68.59 3.33 -17.02	64.28 3.08 -16.52	62.31 3.01 -15.01	63.00 3.00 -16.45	67.86 3.00 -22.65	83.30 3.96 -23.59	114.15 4.33 -44.18	99.30 4.22 -31.20	89.04 4.19 -23.19	72.67 4.06 -8.96	54.99 3.03 -9.31	52.87 2.90 -9.08	47.69 2.91 -3.21
CE_MILLWOOD___DRP 24193	49.07 2.47 0.00	43.39 2.30 0.00	38.79 2.26 0.00	37.46 2.15 0.00	39.07 2.14 0.00	42.42 2.33 0.00	53.02 2.86 0.00	62.82 3.45 -6.23	68.41 3.38 -13.01	78.58 3.49 -23.07	67.18 3.43 -12.49	68.49 3.23 -17.02	64.19 2.99 -16.52	62.22 2.92 -15.01	62.92 2.92 -16.45	67.73 2.87 -22.65	83.19 3.85 -23.59	114.02 4.20 -44.18	99.17 4.09 -31.20	88.92 4.07 -23.19	72.55 3.94 -8.96	54.90 2.94 -9.31	52.79 2.82 -9.08	47.61 2.83 -3.21
CE_NYC2_DRP 24202	49.95 3.35 0.00	44.13 3.04 0.00	39.49 2.96 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.68 3.48 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.41 3.55 -22.65	83.97 4.63 -23.59	114.81 4.99 -44.18	100.00 4.92 -31.20	89.72 4.87 -23.19	73.20 4.59 -8.96	55.59 3.63 -9.31	53.58 3.60 -9.09	48.40 3.62 -3.21
CE_NYC_DRP 24195	49.68 3.08 0.00	43.92 2.83 0.00	39.27 2.74 0.00	37.96 2.65 0.00	39.59 2.66 0.00	42.98 2.89 0.00	53.67 3.51 0.00	63.57 4.20 -6.23	69.14 4.11 -13.01	79.30 4.21 -23.07	67.90 4.15 -12.49	69.12 3.86 -17.02	64.77 3.57 -16.52	62.80 3.50 -15.01	63.48 3.48 -16.45	68.36 3.50 -22.65	83.97 4.63 -23.59	114.94 5.12 -44.18	100.00 4.92 -31.20	89.72 4.87 -23.19	73.32 4.71 -8.96	55.46 3.50 -9.31	53.32 3.35 -9.08	48.19 3.41 -3.21
CH_MIDHUDSON___DRP 24192	48.88 2.28 0.00	43.19 2.10 0.00	38.61 2.08 0.00	37.29 1.98 0.00	38.89 1.96 0.00	42.25 2.16 0.00	52.77 2.61 0.00	56.28 3.14 0.00	55.09 3.07 0.00	55.25 3.23 0.00	54.44 3.18 0.00	51.18 2.94 0.00	47.41 2.73 0.00	46.95 2.66 0.00	46.21 2.66 0.00	44.87 2.66 0.00	59.22 3.51 0.04	69.45 3.81 0.00	67.58 3.70 0.00	65.36 3.70 0.00	63.29 3.64 0.00	45.34 2.69 0.00	43.47 2.58 0.00	44.11 2.58 0.04
CH_MISC_IPPS 23765	48.93 2.33 0.00	43.23 2.14 0.00	38.69 2.16 0.00	37.32 2.01 0.00	38.96 2.03 0.00	42.30 2.21 0.00	52.87 2.71 0.00	56.43 3.29 0.00	55.25 3.23 0.00	55.35 3.33 0.00	54.54 3.28 0.00	51.33 3.09 0.00	47.54 2.86 0.00	47.08 2.79 0.00	46.34 2.79 0.00	44.95 2.74 0.00	59.39 3.68 0.04	69.64 4.00 0.00	67.78 3.90 0.00	65.54 3.88 0.00	63.41 3.76 0.00	45.46 2.81 0.00	43.59 2.70 0.00	44.19 2.66 0.04
CH_RES_BVR_FALLS 23983	46.41 -0.19 0.00	40.97 -0.12 0.00	36.42 -0.11 0.00	35.17 -0.14 0.00	36.82 -0.11 0.00	40.01 -0.08 0.00	50.16 0.00 0.00	53.03 -0.11 0.00	51.86 -0.16 0.00	51.81 -0.21 0.00	51.11 -0.15 0.00	48.05 -0.19 0.00	44.55 -0.13 0.00	44.16 -0.13 0.00	43.42 -0.13 0.00	42.08 -0.13 0.00	55.53 -0.22 0.00	65.44 -0.20 0.00	63.69 -0.19 0.00	61.41 -0.25 0.00	59.41 -0.24 0.00	42.31 -0.34 0.00	40.64 -0.25 0.00	41.32 -0.25 0.00
CH_RES_NIAGARA 23895	42.08 -4.52 0.00	36.53 -4.56 0.00	31.74 -4.79 0.00	31.14 -4.17 0.00	32.39 -4.54 0.00	35.16 -4.93 0.00	43.64 -6.52 0.00	46.34 -6.80 0.00	45.31 -6.71 0.00	45.26 -6.76 0.00	44.55 -6.71 0.00	42.02 -6.22 0.00	38.92 -5.76 0.00	38.67 -5.62 0.00	37.89 -5.66 0.00	36.68 -5.53 0.00	45.37 -7.69 2.69	56.98 -8.66 0.00	55.45 -8.43 0.00	53.46 -8.20 0.00	51.90 -7.75 0.00	37.79 -4.86 0.00	35.21 -5.68 0.00	32.70 -6.19 2.68
CH_RES_SYRACUSE 23985	46.04 -0.56 0.00	40.47 -0.62 0.00	35.87 -0.66 0.00	34.71 -0.60 0.00	36.30 -0.63 0.00	39.41 -0.68 0.00	49.31 -0.85 0.00	52.24 -0.90 0.00	51.14 -0.88 0.00	51.19 -0.83 0.00	50.39 -0.87 0.00	47.42 -0.82 0.00	43.88 -0.80 0.00	43.67 -0.62 0.00	42.90 -0.65 0.00	41.58 -0.63 0.00	54.90 -0.89 -0.04	64.72 -0.92 0.00	62.99 -0.89 0.00	60.74 -0.92 0.00	58.76 -0.89 0.00	42.18 -0.47 0.00	40.36 -0.53 0.00	40.99 -0.62 -0.04
CORNELL____ 23752	43.52 -3.08 0.00	38.17 -2.92 0.00	33.75 -2.78 0.00	32.63 -2.68 0.00	34.16 -2.77 0.00	37.32 -2.77 0.00	47.30 -2.86 0.00	50.85 -2.29 0.00	49.78 -2.24 0.00	49.84 -2.18 0.00	49.11 -2.15 0.00	46.17 -2.07 0.00	42.67 -2.01 0.00	42.34 -1.95 0.00	41.59 -1.96 0.00	40.31 -1.90 0.00	53.46 -2.29 0.00	63.61 -2.03 0.00	61.84 -2.04 0.00	59.50 -2.16 0.00	57.38 -2.27 0.00	40.99 -1.66 0.00	38.72 -2.17 0.00	39.03 -2.54 0.00
COXSACKIE___GT 23611	48.23 1.63 0.00	42.61 1.52 0.00	38.06 1.53 0.00	36.72 1.41 0.00	38.33 1.40 0.00	41.69 1.60 0.00	52.27 2.11 0.00	55.64 2.50 0.00	54.47 2.45 0.00	54.57 2.55 0.00	53.82 2.56 0.00	50.60 2.36 0.00	46.82 2.14 0.00	46.42 2.13 0.00	45.64 2.09 0.00	44.28 2.07 0.00	58.55 2.84 0.04	68.66 3.02 0.00	66.82 2.94 0.00	64.68 3.02 0.00	62.57 2.92 0.00	44.78 2.13 0.00	42.85 1.96 0.00	43.40 1.87 0.04
CRESCENT___HYD 24018	47.53 0.93 0.00	42.03 0.94 0.00	37.44 0.91 0.00	36.16 0.85 0.00	37.78 0.85 0.00	41.17 1.08 0.00	51.61 1.45 0.00	54.68 1.54 0.00	53.68 1.66 0.00	53.79 1.77 0.00	53.00 1.74 0.00	49.88 1.64 0.00	46.15 1.47 0.00	45.62 1.33 0.00	44.86 1.31 0.00	43.52 1.31 0.00	57.65 1.90 0.00	67.61 1.97 0.00	65.86 1.98 0.00	63.69 2.03 0.00	61.62 1.97 0.00	44.19 1.54 0.00	42.20 1.31 0.00	42.90 1.33 0.00



CRUCIBLE_METL_DRP 24180	46.04 -0.56 0.00	40.47 -0.62 0.00	35.87 -0.66 0.00	34.71 -0.60 0.00	36.30 -0.63 0.00	39.41 -0.68 0.00	49.31 -0.85 0.00	52.24 -0.90 0.00	51.14 -0.88 0.00	51.19 -0.83 0.00	50.39 -0.87 0.00	47.42 -0.82 0.00	43.88 -0.80 0.00	43.67 -0.62 0.00	42.90 -0.65 0.00	41.58 -0.63 0.00	54.90 -0.89 -0.04	64.72 -0.92 0.00	62.99 -0.89 0.00	60.74 -0.92 0.00	58.76 -0.89 0.00	42.18 -0.47 0.00	40.36 -0.53 0.00	40.99 -0.62 -0.04
CSC___481_PGEN 24222	48.65 2.05 0.00	43.35 2.26 0.00	39.12 2.59 0.00	37.99 2.68 0.00	39.29 2.36 0.00	42.42 2.33 0.00	52.97 2.81 0.00	62.98 3.61 -6.23	68.41 3.38 -13.01	78.84 3.75 -23.07	67.90 4.15 -12.49	69.22 3.96 -17.02	64.77 3.57 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	67.27 2.41 -22.65	82.52 3.18 -23.59	114.48 4.66 -44.18	99.93 4.85 -31.20	89.04 4.19 -23.19	73.26 4.65 -8.96	55.54 3.58 -9.31	53.20 3.23 -9.08	48.35 3.57 -3.21
DANSKAMMER___1 23586	48.93 2.33 0.00	43.23 2.14 0.00	38.69 2.16 0.00	37.32 2.01 0.00	38.96 2.03 0.00	42.30 2.21 0.00	52.87 2.71 0.00	56.43 3.29 0.00	55.25 3.23 0.00	55.35 3.33 0.00	54.54 3.28 0.00	51.33 3.09 0.00	47.54 2.86 0.00	47.08 2.79 0.00	46.34 2.79 0.00	44.95 2.74 0.00	59.39 3.68 0.04	69.64 4.00 0.00	67.78 3.90 0.00	65.54 3.88 0.00	63.41 3.76 0.00	45.46 2.81 0.00	43.59 2.70 0.00	44.19 2.66 0.04
DANSKAMMER___2 23589	48.93 2.33 0.00	43.23 2.14 0.00	38.69 2.16 0.00	37.32 2.01 0.00	38.96 2.03 0.00	42.30 2.21 0.00	52.87 2.71 0.00	56.43 3.29 0.00	55.25 3.23 0.00	55.35 3.33 0.00	54.54 3.28 0.00	51.33 3.09 0.00	47.54 2.86 0.00	47.08 2.79 0.00	46.34 2.79 0.00	44.95 2.74 0.00	59.39 3.68 0.04	69.64 4.00 0.00	67.78 3.90 0.00	65.54 3.88 0.00	63.41 3.76 0.00	45.46 2.81 0.00	43.59 2.70 0.00	44.19 2.66 0.04
DANSKAMMER___3 23590	48.93 2.33 0.00	43.23 2.14 0.00	38.69 2.16 0.00	37.32 2.01 0.00	38.96 2.03 0.00	42.30 2.21 0.00	52.87 2.71 0.00	56.43 3.29 0.00	55.25 3.23 0.00	55.35 3.33 0.00	54.54 3.28 0.00	51.33 3.09 0.00	47.54 2.86 0.00	47.08 2.79 0.00	46.34 2.79 0.00	44.95 2.74 0.00	59.39 3.68 0.04	69.64 4.00 0.00	67.78 3.90 0.00	65.54 3.88 0.00	63.41 3.76 0.00	45.46 2.81 0.00	43.59 2.70 0.00	44.19 2.66 0.04
DANSKAMMER___4 23591	48.93 2.33 0.00	43.23 2.14 0.00	38.69 2.16 0.00	37.32 2.01 0.00	38.96 2.03 0.00	42.30 2.21 0.00	52.87 2.71 0.00	56.43 3.29 0.00	55.25 3.23 0.00	55.35 3.33 0.00	54.54 3.28 0.00	51.33 3.09 0.00	47.54 2.86 0.00	47.08 2.79 0.00	46.34 2.79 0.00	44.95 2.74 0.00	59.39 3.68 0.04	69.64 4.00 0.00	67.78 3.90 0.00	65.54 3.88 0.00	63.41 3.76 0.00	45.46 2.81 0.00	43.59 2.70 0.00	44.19 2.66 0.04
DANSKAMMER___DIESEL 23592	48.93 2.33 0.00	43.23 2.14 0.00	38.69 2.16 0.00	37.32 2.01 0.00	38.96 2.03 0.00	42.30 2.21 0.00	52.87 2.71 0.00	56.43 3.29 0.00	55.25 3.23 0.00	55.35 3.33 0.00	54.54 3.28 0.00	51.33 3.09 0.00	47.54 2.86 0.00	47.08 2.79 0.00	46.34 2.79 0.00	44.95 2.74 0.00	59.39 3.68 0.04	69.64 4.00 0.00	67.78 3.90 0.00	65.54 3.88 0.00	63.41 3.76 0.00	45.46 2.81 0.00	43.59 2.70 0.00	44.19 2.66 0.04
DASHVILLE___HYD 23610	48.88 2.28 0.00	43.27 2.18 0.00	38.72 2.19 0.00	37.32 2.01 0.00	38.96 2.03 0.00	42.30 2.21 0.00	52.97 2.81 0.00	56.49 3.35 0.00	55.30 3.28 0.00	55.45 3.43 0.00	54.64 3.38 0.00	51.38 3.14 0.00	47.58 2.90 0.00	47.12 2.83 0.00	46.38 2.83 0.00	45.04 2.83 0.00	59.45 3.74 0.04	69.71 4.07 0.00	67.84 3.96 0.00	65.61 3.95 0.00	63.41 3.76 0.00	45.51 2.86 0.00	43.59 2.70 0.00	44.19 2.66 0.04
DOGLEVILLE___HYD 23807	48.00 1.40 0.00	42.28 1.19 0.00	37.55 1.02 0.00	36.33 1.02 0.00	38.00 1.07 0.00	41.37 1.28 0.00	51.51 1.35 0.00	54.73 1.59 0.00	53.63 1.61 0.00	53.63 1.61 0.00	52.85 1.59 0.00	49.74 1.50 0.00	46.02 1.34 0.00	45.57 1.28 0.00	44.81 1.26 0.00	43.39 1.18 0.00	57.31 1.56 0.00	67.61 1.97 0.00	65.80 1.92 0.00	63.51 1.85 0.00	61.50 1.85 0.00	44.27 1.62 0.00	42.24 1.35 0.00	42.86 1.29 0.00
DUNKIRK___1 23563	41.15 -5.45 0.00	35.67 -5.42 0.00	31.20 -5.33 0.00	30.72 -4.59 0.00	32.13 -4.80 0.00	34.84 -5.25 0.00	43.54 -6.62 0.00	46.55 -6.59 0.00	45.15 -6.87 0.00	45.20 -6.82 0.00	44.24 -7.02 0.00	41.82 -6.42 0.00	38.74 -5.94 0.00	38.53 -5.76 0.00	37.76 -5.79 0.00	36.51 -5.70 0.00	45.64 -7.80 2.31	57.30 -8.34 0.00	55.58 -8.30 0.00	53.71 -7.95 0.00	51.78 -7.87 0.00	37.36 -5.29 0.00	34.72 -6.17 0.00	32.66 -6.61 2.30
DUNKIRK___2 23564	41.15 -5.45 0.00	35.67 -5.42 0.00	31.20 -5.33 0.00	30.72 -4.59 0.00	32.13 -4.80 0.00	34.84 -5.25 0.00	43.54 -6.62 0.00	46.55 -6.59 0.00	45.15 -6.87 0.00	45.20 -6.82 0.00	44.24 -7.02 0.00	41.82 -6.42 0.00	38.74 -5.94 0.00	38.53 -5.76 0.00	37.76 -5.79 0.00	36.51 -5.70 0.00	45.64 -7.80 2.31	57.30 -8.34 0.00	55.58 -8.30 0.00	53.71 -7.95 0.00	51.78 -7.87 0.00	37.36 -5.29 0.00	34.72 -6.17 0.00	32.66 -6.61 2.30
DUNKIRK___3 23565	41.38 -5.22 0.00	35.91 -5.18 0.00	31.38 -5.15 0.00	30.90 -4.41 0.00	32.28 -4.65 0.00	35.00 -5.09 0.00	43.74 -6.42 0.00	46.76 -6.38 0.00	45.41 -6.61 0.00	45.47 -6.55 0.00	44.55 -6.71 0.00	42.11 -6.13 0.00	39.01 -5.67 0.00	38.75 -5.54 0.00	37.98 -5.57 0.00	36.72 -5.49 0.00	46.01 -7.47 2.27	57.57 -8.07 0.00	55.90 -7.98 0.00	54.01 -7.65 0.00	52.07 -7.58 0.00	37.57 -5.08 0.00	35.00 -5.89 0.00	32.95 -6.36 2.26
DUNKIRK___4 23566	41.38 -5.22 0.00	35.91 -5.18 0.00	31.38 -5.15 0.00	30.90 -4.41 0.00	32.28 -4.65 0.00	35.00 -5.09 0.00	43.74 -6.42 0.00	46.76 -6.38 0.00	45.41 -6.61 0.00	45.47 -6.55 0.00	44.55 -6.71 0.00	42.11 -6.13 0.00	39.01 -5.67 0.00	38.75 -5.54 0.00	37.98 -5.57 0.00	36.72 -5.49 0.00	46.01 -7.47 2.27	57.57 -8.07 0.00	55.90 -7.98 0.00	54.01 -7.65 0.00	52.07 -7.58 0.00	37.57 -5.08 0.00	35.00 -5.89 0.00	32.95 -6.36 2.26
EAST HAMPTON___GT 23717	50.05 3.45 0.00	44.50 3.41 0.00	40.04 3.51 0.00	38.91 3.60 0.00	40.29 3.36 0.00	43.54 3.45 0.00	54.82 4.66 0.00	65.16 5.79 -6.23	70.65 5.62 -13.01	81.18 6.09 -23.07	70.31 6.56 -12.49	71.48 6.22 -17.02	66.87 5.67 -16.52	64.84 5.54 -15.01	65.40 5.40 -16.45	69.17 4.31 -22.65	85.19 5.85 -23.59	118.02 8.20 -44.18	103.38 8.30 -31.20	92.31 7.46 -23.19	76.36 7.75 -8.96	57.63 5.67 -9.31	54.75 4.78 -9.08	49.68 4.90 -3.21
EAST RIVER___6 23660	49.77 3.17 0.00	44.01 2.92 0.00	39.34 2.81 0.00	38.03 2.72 0.00	39.66 2.73 0.00	43.06 2.97 0.00	53.77 3.61 0.00	63.78 4.41 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.06 4.31 -12.49	69.31 4.05 -17.02	64.91 3.71 -16.52	62.98 3.68 -15.01	63.66 3.66 -16.45	68.53 3.67 -22.65	84.25 4.91 -23.59	115.20 5.38 -44.18	100.25 5.17 -31.20	89.97 5.12 -23.19	73.56 4.95 -8.96	55.59 3.63 -9.31	53.45 3.48 -9.08	48.27 3.49 -3.21
EAST RIVER___7 23524	49.77 3.17 0.00	44.01 2.92 0.00	39.34 2.81 0.00	38.03 2.72 0.00	39.66 2.73 0.00	43.06 2.97 0.00	53.77 3.61 0.00	63.78 4.41 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.06 4.31 -12.49	69.31 4.05 -17.02	64.91 3.71 -16.52	62.98 3.68 -15.01	63.66 3.66 -16.45	68.53 3.67 -22.65	84.25 4.91 -23.59	115.20 5.38 -44.18	100.25 5.17 -31.20	89.97 5.12 -23.19	73.56 4.95 -8.96	55.59 3.63 -9.31	53.45 3.48 -9.08	48.27 3.49 -3.21



EAST_HAMPTON___DIESEL 23722	50.05 3.45 0.00	44.50 3.41 0.00	40.04 3.51 0.00	38.91 3.60 0.00	40.29 3.36 0.00	43.54 3.45 0.00	54.82 4.66 0.00	65.16 5.79 -6.23	70.65 5.62 -13.01	81.18 6.09 -23.07	70.31 6.56 -12.49	71.48 6.22 -17.02	66.87 5.67 -16.52	64.84 5.54 -15.01	65.40 5.40 -16.45	69.17 4.31 -22.65	85.19 5.85 -23.59	118.02 8.20 -44.18	103.38 8.30 -31.20	92.31 7.46 -23.19	76.36 7.75 -8.96	57.63 5.67 -9.31	54.75 4.78 -9.08	49.68 4.90 -3.21
ELEC_TRO_TEK 24086	49.12 2.52 0.00	43.56 2.47 0.00	39.16 2.63 0.00	37.99 2.68 0.00	39.55 2.62 0.00	42.86 2.77 0.00	53.42 3.26 0.00	63.41 4.04 -6.23	68.83 3.80 -13.01	79.15 4.06 -23.07	67.95 4.20 -12.49	69.26 4.00 -17.02	64.82 3.62 -16.52	62.84 3.54 -15.01	63.48 3.48 -16.45	67.86 3.00 -22.65	83.30 3.96 -23.59	114.81 4.99 -44.18	100.06 4.98 -31.20	89.47 4.62 -23.19	73.50 4.89 -8.96	55.63 3.67 -9.31	53.40 3.43 -9.08	48.48 3.70 -3.21
E_CANADA_CAP_HY 24051	47.58 0.98 0.00	42.08 0.99 0.00	37.37 0.84 0.00	36.16 0.85 0.00	37.78 0.85 0.00	41.17 1.08 0.00	51.82 1.66 0.00	55.16 2.02 0.00	54.00 1.98 0.00	54.10 2.08 0.00	53.31 2.05 0.00	50.17 1.93 0.00	46.42 1.74 0.00	46.02 1.73 0.00	45.29 1.74 0.00	43.94 1.73 0.00	58.15 2.45 0.05	68.66 3.02 0.00	66.82 2.94 0.00	64.50 2.84 0.00	62.21 2.56 0.00	44.57 1.92 0.00	42.40 1.51 0.00	42.73 1.21 0.05
E_CANADA_MHWK_HY 24050	48.00 1.40 0.00	42.28 1.19 0.00	37.55 1.02 0.00	36.33 1.02 0.00	38.00 1.07 0.00	41.37 1.28 0.00	51.51 1.35 0.00	54.73 1.59 0.00	53.63 1.61 0.00	53.63 1.61 0.00	52.85 1.59 0.00	49.74 1.50 0.00	46.02 1.34 0.00	45.57 1.28 0.00	44.81 1.26 0.00	43.39 1.18 0.00	57.31 1.56 0.00	67.61 1.97 0.00	65.80 1.92 0.00	63.51 1.85 0.00	61.50 1.85 0.00	44.27 1.62 0.00	42.24 1.35 0.00	42.86 1.29 0.00
E_FISHKILL___LBMP 23776	48.84 2.24 0.00	43.14 2.05 0.00	38.58 2.05 0.00	37.25 1.94 0.00	38.85 1.92 0.00	42.21 2.12 0.00	52.67 2.51 0.00	62.40 3.03 -6.23	68.00 2.97 -13.01	78.21 3.12 -23.07	66.83 3.08 -12.49	68.11 2.85 -17.02	63.84 2.64 -16.52	61.87 2.57 -15.01	62.57 2.57 -16.45	67.43 2.57 -22.65	82.74 3.40 -23.59	113.50 3.68 -44.18	98.66 3.58 -31.20	88.49 3.64 -23.19	72.13 3.52 -8.96	54.60 2.64 -9.31	52.51 2.54 -9.08	47.32 2.54 -3.21
FAR ROCKAWAY___4 23548	51.35 4.75 0.00	45.65 4.56 0.00	40.88 4.35 0.00	39.51 4.20 0.00	41.21 4.28 0.00	44.94 4.85 0.00	55.13 4.97 0.00	64.52 5.15 -6.23	68.88 3.85 -13.01	79.15 4.06 -23.07	68.41 4.66 -12.49	69.51 4.25 -17.02	65.04 3.84 -16.52	63.02 3.72 -15.01	63.66 3.66 -16.45	68.03 3.17 -22.65	81.90 2.56 -23.59	113.43 3.61 -44.18	98.91 3.83 -31.20	88.12 3.27 -23.19	73.92 5.31 -8.96	56.61 4.65 -9.31	54.51 4.54 -9.08	50.23 5.45 -3.21
FENNER___WINDPWR 24204	46.93 0.33 0.00	41.30 0.21 0.00	36.64 0.11 0.00	35.42 0.11 0.00	37.04 0.11 0.00	40.33 0.24 0.00	50.31 0.15 0.00	53.46 0.32 0.00	52.33 0.31 0.00	52.38 0.36 0.00	51.57 0.31 0.00	48.53 0.29 0.00	44.90 0.22 0.00	44.56 0.27 0.00	43.77 0.22 0.00	42.42 0.21 0.00	56.14 0.39 0.00	66.43 0.79 0.00	64.58 0.70 0.00	62.28 0.62 0.00	60.19 0.54 0.00	43.42 0.77 0.00	41.38 0.49 0.00	41.94 0.37 0.00
FIBERTEK___ENERGY 23856	46.04 -0.56 0.00	40.47 -0.62 0.00	35.87 -0.66 0.00	34.71 -0.60 0.00	36.30 -0.63 0.00	39.41 -0.68 0.00	49.31 -0.85 0.00	52.24 -0.90 0.00	51.14 -0.88 0.00	51.19 -0.83 0.00	50.39 -0.87 0.00	47.42 -0.82 0.00	43.88 -0.80 0.00	43.67 -0.62 0.00	42.90 -0.65 0.00	41.58 -0.63 0.00	54.90 -0.89 -0.04	64.72 -0.92 0.00	62.99 -0.89 0.00	60.74 -0.92 0.00	58.76 -0.89 0.00	42.18 -0.47 0.00	40.36 -0.53 0.00	40.99 -0.62 -0.04
FITZPATRICK____ 23598	45.34 -1.26 0.00	39.94 -1.15 0.00	35.40 -1.13 0.00	34.25 -1.06 0.00	35.82 -1.11 0.00	38.81 -1.28 0.00	48.55 -1.61 0.00	51.49 -1.65 0.00	50.41 -1.61 0.00	50.41 -1.61 0.00	49.67 -1.59 0.00	46.74 -1.50 0.00	43.29 -1.39 0.00	42.92 -1.37 0.00	42.20 -1.35 0.00	40.90 -1.31 0.00	54.02 -1.73 0.00	63.67 -1.97 0.00	61.96 -1.92 0.00	59.81 -1.85 0.00	57.86 -1.79 0.00	41.46 -1.19 0.00	39.62 -1.27 0.00	40.32 -1.25 0.00
FORT ORANGE____ 23900	47.58 0.98 0.00	42.08 0.99 0.00	37.77 1.24 0.00	36.51 1.20 0.00	38.15 1.22 0.00	41.53 1.44 0.00	51.61 1.45 0.00	54.73 1.59 0.00	53.68 1.66 0.00	53.79 1.77 0.00	53.00 1.74 0.00	49.83 1.59 0.00	46.15 1.47 0.00	45.71 1.42 0.00	44.94 1.39 0.00	43.65 1.44 0.00	57.70 1.95 0.00	67.74 2.10 0.00	65.92 2.04 0.00	63.76 2.10 0.00	61.68 2.03 0.00	44.19 1.54 0.00	42.57 1.68 0.00	43.23 1.66 0.00
FORT_DRUM_COGEN 23780	45.95 -0.65 0.00	40.43 -0.66 0.00	35.87 -0.66 0.00	34.60 -0.71 0.00	36.30 -0.63 0.00	39.65 -0.44 0.00	50.06 -0.10 0.00	53.25 0.11 0.00	52.12 0.10 0.00	52.18 0.16 0.00	51.36 0.10 0.00	48.19 -0.05 0.00	44.55 -0.13 0.00	44.20 -0.09 0.00	43.51 -0.04 0.00	42.13 -0.08 0.00	55.86 0.11 0.00	66.30 0.66 0.00	64.52 0.64 0.00	62.09 0.43 0.00	59.83 0.18 0.00	42.69 0.04 0.00	40.69 -0.20 0.00	41.11 -0.46 0.00
FPL_FAR_ROCK_GT1 24212	51.35 4.75 0.00	45.65 4.56 0.00	40.88 4.35 0.00	39.51 4.20 0.00	41.21 4.28 0.00	44.94 4.85 0.00	55.13 4.97 0.00	64.52 5.15 -6.23	68.88 3.85 -13.01	79.15 4.06 -23.07	68.41 4.66 -12.49	69.51 4.25 -17.02	65.04 3.84 -16.52	63.02 3.72 -15.01	63.66 3.66 -16.45	68.03 3.17 -22.65	81.90 2.56 -23.59	113.43 3.61 -44.18	98.91 3.83 -31.20	88.12 3.27 -23.19	73.92 5.31 -8.96	56.61 4.65 -9.31	54.51 4.54 -9.08	50.23 5.45 -3.21
FRANKLIN_FALL_HYD 24054	46.04 -0.56 0.00	40.72 -0.37 0.00	36.31 -0.22 0.00	34.89 -0.42 0.00	36.67 -0.26 0.00	39.89 -0.20 0.00	50.16 0.00 0.00	52.98 -0.16 0.00	51.66 -0.36 0.00	51.50 -0.52 0.00	50.75 -0.51 0.00	47.66 -0.58 0.00	44.14 -0.54 0.00	43.76 -0.53 0.00	43.07 -0.48 0.00	41.70 -0.51 0.00	55.08 -0.67 0.00	64.98 -0.66 0.00	63.24 -0.64 0.00	60.86 -0.80 0.00	58.81 -0.84 0.00	41.75 -0.90 0.00	40.15 -0.74 0.00	40.90 -0.67 0.00
FULTON COGEN____ 23766	45.90 -0.70 0.00	40.35 -0.74 0.00	35.76 -0.77 0.00	34.64 -0.67 0.00	36.19 -0.74 0.00	39.29 -0.80 0.00	49.21 -0.95 0.00	52.24 -0.90 0.00	51.14 -0.88 0.00	51.19 -0.83 0.00	50.39 -0.87 0.00	47.42 -0.82 0.00	43.92 -0.76 0.00	43.58 -0.71 0.00	42.81 -0.74 0.00	41.49 -0.72 0.00	54.80 -0.95 0.00	64.72 -0.92 0.00	62.99 -0.89 0.00	60.80 -0.86 0.00	58.76 -0.89 0.00	42.05 -0.60 0.00	40.19 -0.70 0.00	40.82 -0.75 0.00
G.F.CEMENT___DRP 24184	46.93 0.33 0.00	41.58 0.49 0.00	36.97 0.44 0.00	35.70 0.39 0.00	37.30 0.37 0.00	40.77 0.68 0.00	51.36 1.20 0.00	54.36 1.22 0.00	53.48 1.46 0.00	53.63 1.61 0.00	52.85 1.59 0.00	49.69 1.45 0.00	45.93 1.25 0.00	45.00 0.71 0.00	44.29 0.74 0.00	42.97 0.76 0.00	57.03 1.28 0.00	66.95 1.31 0.00	65.22 1.34 0.00	63.14 1.48 0.00	61.02 1.37 0.00	44.01 1.36 0.00	41.87 0.98 0.00	42.44 0.87 0.00
GARDENVILLE___LBMP 24039	42.13 -4.47 0.00	36.61 -4.48 0.00	31.89 -4.64 0.00	31.32 -3.99 0.00	32.65 -4.28 0.00	35.44 -4.65 0.00	44.19 -5.97 0.00	47.19 -5.95 0.00	46.04 -5.98 0.00	46.04 -5.98 0.00	45.16 -6.10 0.00	42.64 -5.60 0.00	39.50 -5.18 0.00	39.24 -5.05 0.00	38.45 -5.10 0.00	37.23 -4.98 0.00	46.28 -6.91 2.56	58.09 -7.55 0.00	56.47 -7.41 0.00	54.51 -7.15 0.00	52.73 -6.92 0.00	38.17 -4.48 0.00	35.53 -5.36 0.00	33.16 -5.86 2.55



GENERAL___MILLS 23808	42.22 -4.38 0.00	36.69 -4.40 0.00	31.96 -4.57 0.00	31.39 -3.92 0.00	32.72 -4.21 0.00	35.52 -4.57 0.00	44.29 -5.87 0.00	47.35 -5.79 0.00	46.14 -5.88 0.00	46.14 -5.88 0.00	45.31 -5.95 0.00	42.79 -5.45 0.00	39.59 -5.09 0.00	39.37 -4.92 0.00	38.59 -4.96 0.00	37.31 -4.90 0.00	46.43 -6.80 2.52	58.29 -7.35 0.00	56.66 -7.22 0.00	54.69 -6.97 0.00	52.91 -6.74 0.00	38.26 -4.39 0.00	35.62 -5.27 0.00	33.28 -5.78 2.51
GE_PLASTICS___DRP 24183	47.07 0.47 0.00	41.58 0.49 0.00	37.08 0.55 0.00	35.80 0.49 0.00	37.41 0.48 0.00	40.69 0.60 0.00	50.86 0.70 0.00	53.99 0.85 0.00	52.90 0.88 0.00	53.01 0.99 0.00	52.23 0.97 0.00	49.16 0.92 0.00	45.48 0.80 0.00	45.04 0.75 0.00	44.33 0.78 0.00	43.01 0.80 0.00	56.86 1.11 0.00	66.69 1.05 0.00	64.90 1.02 0.00	62.77 1.11 0.00	60.72 1.07 0.00	43.55 0.90 0.00	41.67 0.78 0.00	42.36 0.79 0.00
GILBOA___1 23756	47.49 0.89 0.00	41.91 0.82 0.00	37.33 0.80 0.00	36.09 0.78 0.00	37.71 0.78 0.00	40.97 0.88 0.00	51.21 1.05 0.00	54.47 1.33 0.00	53.32 1.30 0.00	53.42 1.40 0.00	52.64 1.38 0.00	49.54 1.30 0.00	45.84 1.16 0.00	45.44 1.15 0.00	44.68 1.13 0.00	43.35 1.14 0.00	57.09 1.39 0.05	66.76 1.12 0.00	64.97 1.09 0.00	62.77 1.11 0.00	61.08 1.43 0.00	43.84 1.19 0.00	41.99 1.10 0.00	42.60 1.08 0.05
GILBOA___2 23757	47.49 0.89 0.00	41.91 0.82 0.00	37.33 0.80 0.00	36.09 0.78 0.00	37.71 0.78 0.00	40.97 0.88 0.00	51.21 1.05 0.00	54.47 1.33 0.00	53.32 1.30 0.00	53.42 1.40 0.00	52.64 1.38 0.00	49.54 1.30 0.00	45.84 1.16 0.00	45.44 1.15 0.00	44.68 1.13 0.00	43.35 1.14 0.00	57.09 1.39 0.05	66.95 1.31 0.00	65.16 1.28 0.00	63.02 1.36 0.00	61.08 1.43 0.00	43.84 1.19 0.00	41.99 1.10 0.00	42.60 1.08 0.05
GILBOA___3 23758	47.49 0.89 0.00	41.91 0.82 0.00	37.33 0.80 0.00	36.09 0.78 0.00	37.71 0.78 0.00	40.97 0.88 0.00	51.21 1.05 0.00	54.47 1.33 0.00	53.32 1.30 0.00	53.42 1.40 0.00	52.64 1.38 0.00	49.54 1.30 0.00	45.84 1.16 0.00	45.44 1.15 0.00	44.68 1.13 0.00	43.35 1.14 0.00	56.93 1.23 0.05	66.76 1.12 0.00	64.97 1.09 0.00	62.77 1.11 0.00	60.90 1.25 0.00	43.84 1.19 0.00	41.99 1.10 0.00	42.60 1.08 0.05
GILBOA___4 23759	47.49 0.89 0.00	41.91 0.82 0.00	37.33 0.80 0.00	36.09 0.78 0.00	37.71 0.78 0.00	40.97 0.88 0.00	51.21 1.05 0.00	54.47 1.33 0.00	53.32 1.30 0.00	53.42 1.40 0.00	52.64 1.38 0.00	49.54 1.30 0.00	45.84 1.16 0.00	45.44 1.15 0.00	44.68 1.13 0.00	43.35 1.14 0.00	57.09 1.39 0.05	66.95 1.31 0.00	65.16 1.28 0.00	63.02 1.36 0.00	61.08 1.43 0.00	43.84 1.19 0.00	41.99 1.10 0.00	42.60 1.08 0.05
GILBOA___ 23599	47.49 0.89 0.00	41.91 0.82 0.00	37.33 0.80 0.00	36.09 0.78 0.00	37.71 0.78 0.00	40.97 0.88 0.00	51.21 1.05 0.00	54.47 1.33 0.00	53.32 1.30 0.00	53.42 1.40 0.00	52.64 1.38 0.00	49.54 1.30 0.00	45.84 1.16 0.00	45.44 1.15 0.00	44.68 1.13 0.00	43.35 1.14 0.00	57.09 1.39 0.05	66.95 1.31 0.00	65.16 1.28 0.00	63.02 1.36 0.00	61.08 1.43 0.00	43.84 1.19 0.00	41.99 1.10 0.00	42.60 1.08 0.05
GINNA___ 23603	41.38 -5.22 0.00	36.69 -4.40 0.00	32.26 -4.27 0.00	31.32 -3.99 0.00	32.72 -4.21 0.00	35.60 -4.49 0.00	44.84 -5.32 0.00	47.56 -5.58 0.00	46.56 -5.46 0.00	46.61 -5.41 0.00	45.93 -5.33 0.00	43.27 -4.97 0.00	40.03 -4.65 0.00	39.68 -4.61 0.00	38.93 -4.62 0.00	37.74 -4.47 0.00	50.04 -5.91 -0.20	59.14 -6.50 0.00	57.56 -6.32 0.00	55.49 -6.17 0.00	53.63 -6.02 0.00	38.56 -4.09 0.00	36.39 -4.50 0.00	36.87 -4.90 -0.20
GLEN PARK___ 23778	46.32 -0.28 0.00	40.72 -0.37 0.00	36.13 -0.40 0.00	34.89 -0.42 0.00	36.56 -0.37 0.00	39.97 -0.12 0.00	50.46 0.30 0.00	53.78 0.64 0.00	52.64 0.62 0.00	52.70 0.68 0.00	51.88 0.62 0.00	48.67 0.43 0.00	44.99 0.31 0.00	44.64 0.35 0.00	43.94 0.39 0.00	42.55 0.34 0.00	56.47 0.72 0.00	67.02 1.38 0.00	65.22 1.34 0.00	62.71 1.05 0.00	60.49 0.84 0.00	43.12 0.47 0.00	41.09 0.20 0.00	41.49 -0.08 0.00
GLENWOOD_IC_1_G5 23712	49.35 2.75 0.00	43.68 2.59 0.00	39.20 2.67 0.00	37.96 2.65 0.00	39.55 2.62 0.00	42.86 2.77 0.00	53.52 3.36 0.00	63.36 3.99 -6.23	68.83 3.80 -13.01	79.10 4.01 -23.07	67.85 4.10 -12.49	69.12 3.86 -17.02	64.77 3.57 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	67.98 3.12 -22.65	83.41 4.07 -23.59	114.74 4.92 -44.18	99.93 4.85 -31.20	89.47 4.62 -23.19	73.38 4.77 -8.96	55.59 3.63 -9.31	53.49 3.52 -9.08	48.48 3.70 -3.21
GLENWOOD_IC_2_G1 23688	49.35 2.75 0.00	43.68 2.59 0.00	39.16 2.63 0.00	37.89 2.58 0.00	39.48 2.55 0.00	42.82 2.73 0.00	53.47 3.31 0.00	63.36 3.99 -6.23	68.83 3.80 -13.01	79.04 3.95 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.35 3.35 -16.45	67.98 3.12 -22.65	83.47 4.13 -23.59	114.68 4.86 -44.18	99.87 4.79 -31.20	89.41 4.56 -23.19	73.26 4.65 -8.96	55.46 3.50 -9.31	53.28 3.31 -9.08	48.23 3.45 -3.21
GLENWOOD_IC_3_G1 23689	49.35 2.75 0.00	43.68 2.59 0.00	39.16 2.63 0.00	37.89 2.58 0.00	39.48 2.55 0.00	42.82 2.73 0.00	53.47 3.31 0.00	63.36 3.99 -6.23	68.83 3.80 -13.01	79.04 3.95 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.35 3.35 -16.45	67.98 3.12 -22.65	83.47 4.13 -23.59	114.68 4.86 -44.18	99.87 4.79 -31.20	89.41 4.56 -23.19	73.26 4.65 -8.96	55.46 3.50 -9.31	53.28 3.31 -9.08	48.23 3.45 -3.21
GLENWOOD___4 23550	49.35 2.75 0.00	43.68 2.59 0.00	39.20 2.67 0.00	37.96 2.65 0.00	39.55 2.62 0.00	42.86 2.77 0.00	53.52 3.36 0.00	63.36 3.99 -6.23	68.83 3.80 -13.01	79.10 4.01 -23.07	67.85 4.10 -12.49	69.12 3.86 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	67.94 3.08 -22.65	83.41 4.07 -23.59	114.74 4.92 -44.18	99.93 4.85 -31.20	89.47 4.62 -23.19	73.38 4.77 -8.96	55.59 3.63 -9.31	53.49 3.52 -9.08	48.48 3.70 -3.21
GLENWOOD___5 23614	49.35 2.75 0.00	43.68 2.59 0.00	39.20 2.67 0.00	37.96 2.65 0.00	39.55 2.62 0.00	42.86 2.77 0.00	53.52 3.36 0.00	63.36 3.99 -6.23	68.83 3.80 -13.01	79.10 4.01 -23.07	67.85 4.10 -12.49	69.12 3.86 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	67.94 3.08 -22.65	83.41 4.07 -23.59	114.74 4.92 -44.18	99.93 4.85 -31.20	89.47 4.62 -23.19	73.38 4.77 -8.96	55.59 3.63 -9.31	53.49 3.52 -9.08	48.48 3.70 -3.21
GOUDEY___7 23579	45.34 -1.26 0.00	39.65 -1.44 0.00	35.11 -1.42 0.00	34.11 -1.20 0.00	35.71 -1.22 0.00	38.77 -1.32 0.00	48.76 -1.40 0.00	52.02 -1.12 0.00	50.77 -1.25 0.00	50.82 -1.20 0.00	49.98 -1.28 0.00	47.08 -1.16 0.00	43.61 -1.07 0.00	43.27 -1.02 0.00	42.50 -1.05 0.00	41.15 -1.06 0.00	54.06 -1.39 0.30	64.33 -1.31 0.00	62.47 -1.41 0.00	60.37 -1.29 0.00	58.22 -1.43 0.00	41.75 -0.90 0.00	39.66 -1.23 0.00	39.90 -1.37 0.30
GOUDEY___8 23580	45.11 -1.49 0.00	39.45 -1.64 0.00	34.92 -1.61 0.00	33.93 -1.38 0.00	35.53 -1.40 0.00	38.57 -1.52 0.00	48.50 -1.66 0.00	51.76 -1.38 0.00	50.51 -1.51 0.00	50.56 -1.46 0.00	49.72 -1.54 0.00	46.84 -1.40 0.00	43.38 -1.30 0.00	43.05 -1.24 0.00	42.29 -1.26 0.00	40.94 -1.27 0.00	53.78 -1.67 0.30	63.93 -1.71 0.00	62.16 -1.72 0.00	60.06 -1.60 0.00	57.92 -1.73 0.00	41.54 -1.11 0.00	39.46 -1.43 0.00	39.69 -1.58 0.30



GOWANUS_GT 1_GRP 23732	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT 2_GRP 23617	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT 3_GRP 23618	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT 4_GRP 23751	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT1_1 24077	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT1_2 24078	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT1_3 24079	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT1_4 24080	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT1_5 24084	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT1_6 24111	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT1_7 24112	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT1_8 24113	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT2_1 24114	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT2_2 24115	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT2_3 24116	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT2_4 24117	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21



GOWANUS_GT2_5 24118	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT2_6 24119	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT2_7 24120	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT2_8 24121	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT3_1 24122	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT3_2 24123	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT3_3 24124	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT3_4 24125	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT3_5 24126	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT3_6 24127	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT3_7 24128	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT3_8 24129	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT4_1 24130	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT4_2 24131	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT4_3 24132	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT4_4 24133	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21



GOWANUS_GT4_5 24134	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT4_6 24135	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT4_7 24136	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GOWANUS_GT4_8 24137	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
GRAHMSVILLE___HY 23607	47.86 1.26 0.00	42.24 1.15 0.00	37.74 1.21 0.00	36.30 0.99 0.00	37.89 0.96 0.00	41.29 1.20 0.00	51.77 1.61 0.00	55.21 2.07 0.00	54.00 1.98 0.00	54.10 2.08 0.00	53.31 2.05 0.00	50.17 1.93 0.00	46.42 1.74 0.00	46.02 1.73 0.00	45.25 1.70 0.00	43.90 1.69 0.00	58.00 2.29 0.04	68.07 2.43 0.00	66.24 2.36 0.00	64.06 2.40 0.00	61.62 1.97 0.00	44.40 1.75 0.00	42.48 1.59 0.00	43.03 1.50 0.04
GREENIDGE___3 23582	43.11 -3.49 0.00	37.68 -3.41 0.00	33.13 -3.40 0.00	32.31 -3.00 0.00	33.79 -3.14 0.00	36.72 -3.37 0.00	46.20 -3.96 0.00	48.89 -4.25 0.00	47.75 -4.27 0.00	47.75 -4.27 0.00	47.01 -4.25 0.00	44.28 -3.96 0.00	40.97 -3.71 0.00	40.70 -3.59 0.00	39.94 -3.61 0.00	38.66 -3.55 0.00	50.93 -4.74 0.08	60.45 -5.19 0.00	58.77 -5.11 0.00	56.73 -4.93 0.00	54.76 -4.89 0.00	39.41 -3.24 0.00	37.13 -3.76 0.00	37.42 -4.07 0.08
GREENIDGE___4 23583	43.11 -3.49 0.00	37.68 -3.41 0.00	33.13 -3.40 0.00	32.31 -3.00 0.00	33.79 -3.14 0.00	36.72 -3.37 0.00	46.25 -3.91 0.00	48.94 -4.20 0.00	47.75 -4.27 0.00	47.81 -4.21 0.00	47.01 -4.25 0.00	44.33 -3.91 0.00	41.02 -3.66 0.00	40.75 -3.54 0.00	39.98 -3.57 0.00	38.71 -3.50 0.00	50.99 -4.68 0.08	60.52 -5.12 0.00	58.83 -5.05 0.00	56.79 -4.87 0.00	54.76 -4.89 0.00	39.45 -3.20 0.00	37.17 -3.72 0.00	37.46 -4.03 0.08
HARZA MOOSE___RIVER 24016	46.83 0.23 0.00	41.21 0.12 0.00	36.60 0.07 0.00	35.38 0.07 0.00	37.04 0.11 0.00	40.33 0.24 0.00	50.56 0.40 0.00	53.72 0.58 0.00	52.59 0.57 0.00	52.59 0.57 0.00	51.82 0.56 0.00	48.72 0.48 0.00	45.08 0.40 0.00	44.69 0.40 0.00	43.94 0.39 0.00	42.59 0.38 0.00	56.36 0.61 0.00	66.62 0.98 0.00	64.84 0.96 0.00	62.52 0.86 0.00	60.37 0.72 0.00	43.25 0.60 0.00	41.30 0.41 0.00	41.86 0.29 0.00
HEMPSTEAD____ 23647	49.26 2.66 0.00	43.64 2.55 0.00	39.23 2.70 0.00	38.06 2.75 0.00	39.59 2.66 0.00	42.90 2.81 0.00	53.52 3.36 0.00	63.41 4.04 -6.23	68.78 3.75 -13.01	79.04 3.95 -23.07	67.95 4.20 -12.49	69.22 3.96 -17.02	64.82 3.62 -16.52	62.80 3.50 -15.01	63.44 3.44 -16.45	67.81 2.95 -22.65	83.13 3.79 -23.59	114.68 4.86 -44.18	99.93 4.85 -31.20	89.35 4.50 -23.19	73.44 4.83 -8.96	55.63 3.67 -9.31	53.45 3.48 -9.08	48.52 3.74 -3.21
HICKLING___1 23621	45.39 -1.21 0.00	39.28 -1.81 0.00	34.52 -2.01 0.00	33.79 -1.52 0.00	35.42 -1.51 0.00	38.53 -1.56 0.00	48.86 -1.30 0.00	52.29 -0.85 0.00	50.93 -1.09 0.00	50.98 -1.04 0.00	50.08 -1.18 0.00	47.23 -1.01 0.00	43.70 -0.98 0.00	43.40 -0.89 0.00	42.55 -1.00 0.00	41.20 -1.01 0.00	54.07 -1.34 0.34	64.85 -0.79 0.00	62.92 -0.96 0.00	60.80 -0.86 0.00	58.46 -1.19 0.00	41.92 -0.73 0.00	39.30 -1.59 0.00	39.32 -1.91 0.34
HICKLING___2 23622	45.39 -1.21 0.00	39.28 -1.81 0.00	34.52 -2.01 0.00	33.79 -1.52 0.00	35.42 -1.51 0.00	38.57 -1.52 0.00	48.86 -1.30 0.00	52.29 -0.85 0.00	50.93 -1.09 0.00	50.98 -1.04 0.00	50.08 -1.18 0.00	47.23 -1.01 0.00	43.70 -0.98 0.00	43.40 -0.89 0.00	42.55 -1.00 0.00	41.20 -1.01 0.00	54.07 -1.34 0.34	64.85 -0.79 0.00	62.92 -0.96 0.00	60.80 -0.86 0.00	58.46 -1.19 0.00	41.92 -0.73 0.00	39.30 -1.59 0.00	39.32 -1.91 0.34
HIGH FALLS___HY 23754	48.56 1.96 0.00	42.98 1.89 0.00	38.47 1.94 0.00	37.08 1.77 0.00	38.67 1.74 0.00	42.05 1.96 0.00	52.67 2.51 0.00	56.22 3.08 0.00	54.99 2.97 0.00	55.14 3.12 0.00	54.34 3.08 0.00	51.13 2.89 0.00	47.32 2.64 0.00	46.90 2.61 0.00	46.12 2.57 0.00	44.78 2.57 0.00	59.11 3.40 0.04	69.32 3.68 0.00	67.46 3.58 0.00	65.17 3.51 0.00	62.93 3.28 0.00	45.25 2.60 0.00	43.30 2.41 0.00	43.86 2.33 0.04
HILLBURN___GT 23639	48.70 2.10 0.00	43.06 1.97 0.00	38.54 2.01 0.00	37.22 1.91 0.00	38.81 1.88 0.00	42.13 2.04 0.00	52.62 2.46 0.00	56.17 3.03 0.00	54.99 2.97 0.00	55.09 3.07 0.00	54.28 3.02 0.00	51.09 2.85 0.00	47.27 2.59 0.00	46.86 2.57 0.00	46.08 2.53 0.00	44.74 2.53 0.00	59.05 3.34 0.04	69.32 3.68 0.00	67.46 3.58 0.00	65.24 3.58 0.00	63.11 3.46 0.00	45.21 2.56 0.00	43.38 2.49 0.00	43.98 2.45 0.04
HOLTSVIL 1-5___GRP1 24031	48.51 1.91 0.00	43.23 2.14 0.00	38.98 2.45 0.00	37.89 2.58 0.00	39.18 2.25 0.00	42.30 2.21 0.00	52.72 2.56 0.00	62.72 3.35 -6.23	68.10 3.07 -13.01	78.47 3.38 -23.07	67.54 3.79 -12.49	68.83 3.57 -17.02	64.46 3.26 -16.52	62.44 3.14 -15.01	63.05 3.05 -16.45	66.97 2.11 -22.65	82.13 2.79 -23.59	113.89 4.07 -44.18	99.36 4.28 -31.20	88.55 3.70 -23.19	72.73 4.12 -8.96	55.24 3.28 -9.31	53.00 3.03 -9.08	48.19 3.41 -3.21
HOLTSVIL6-10___GRP2 24032	48.65 2.05 0.00	43.39 2.30 0.00	39.12 2.59 0.00	38.03 2.72 0.00	39.33 2.40 0.00	42.38 2.29 0.00	52.92 2.76 0.00	62.93 3.56 -6.23	68.36 3.33 -13.01	78.73 3.64 -23.07	67.80 4.05 -12.49	69.12 3.86 -17.02	64.68 3.48 -16.52	62.67 3.37 -15.01	63.31 3.31 -16.45	67.18 2.32 -22.65	82.41 3.07 -23.59	114.28 4.46 -44.18	99.68 4.60 -31.20	88.86 4.01 -23.19	73.08 4.47 -8.96	55.46 3.50 -9.31	53.16 3.19 -9.08	48.31 3.53 -3.21
HOLTSVILLE_IC_1 23690	48.51 1.91 0.00	43.23 2.14 0.00	38.98 2.45 0.00	37.89 2.58 0.00	39.18 2.25 0.00	42.30 2.21 0.00	52.72 2.56 0.00	62.72 3.35 -6.23	68.10 3.07 -13.01	78.47 3.38 -23.07	67.54 3.79 -12.49	68.83 3.57 -17.02	64.46 3.26 -16.52	62.44 3.14 -15.01	63.05 3.05 -16.45	66.97 2.11 -22.65	82.13 2.79 -23.59	113.89 4.07 -44.18	99.36 4.28 -31.20	88.55 3.70 -23.19	72.73 4.12 -8.96	55.24 3.28 -9.31	53.00 3.03 -9.08	48.19 3.41 -3.21



HOLTSVILLE_IC_10 23699	48.65 2.05 0.00	43.39 2.30 0.00	39.12 2.59 0.00	38.03 2.72 0.00	39.33 2.40 0.00	42.38 2.29 0.00	52.92 2.76 0.00	62.93 3.56 -6.23	68.36 3.33 -13.01	78.73 3.64 -23.07	67.80 4.05 -12.49	69.12 3.86 -17.02	64.68 3.48 -16.52	62.67 3.37 -15.01	63.31 3.31 -16.45	67.18 2.32 -22.65	82.41 3.07 -23.59	114.28 4.46 -44.18	99.68 4.60 -31.20	88.86 4.01 -23.19	73.08 4.47 -8.96	55.46 3.50 -9.31	53.16 3.19 -9.08	48.31 3.53 -3.21
HOLTSVILLE_IC_2 23691	48.51 1.91 0.00	43.23 2.14 0.00	38.98 2.45 0.00	37.89 2.58 0.00	39.18 2.25 0.00	42.30 2.21 0.00	52.72 2.56 0.00	62.72 3.35 -6.23	68.10 3.07 -13.01	78.47 3.38 -23.07	67.54 3.79 -12.49	68.83 3.57 -17.02	64.46 3.26 -16.52	62.44 3.14 -15.01	63.05 3.05 -16.45	66.97 2.11 -22.65	82.13 2.79 -23.59	113.89 4.07 -44.18	99.36 4.28 -31.20	88.55 3.70 -23.19	72.73 4.12 -8.96	55.24 3.28 -9.31	53.00 3.03 -9.08	48.19 3.41 -3.21
HOLTSVILLE_IC_3 23692	48.51 1.91 0.00	43.23 2.14 0.00	38.98 2.45 0.00	37.89 2.58 0.00	39.18 2.25 0.00	42.30 2.21 0.00	52.72 2.56 0.00	62.72 3.35 -6.23	68.10 3.07 -13.01	78.47 3.38 -23.07	67.54 3.79 -12.49	68.83 3.57 -17.02	64.46 3.26 -16.52	62.44 3.14 -15.01	63.05 3.05 -16.45	66.97 2.11 -22.65	82.13 2.79 -23.59	113.89 4.07 -44.18	99.36 4.28 -31.20	88.55 3.70 -23.19	72.73 4.12 -8.96	55.24 3.28 -9.31	53.00 3.03 -9.08	48.19 3.41 -3.21
HOLTSVILLE_IC_4 23693	48.51 1.91 0.00	43.23 2.14 0.00	38.98 2.45 0.00	37.89 2.58 0.00	39.18 2.25 0.00	42.30 2.21 0.00	52.72 2.56 0.00	62.72 3.35 -6.23	68.10 3.07 -13.01	78.47 3.38 -23.07	67.54 3.79 -12.49	68.83 3.57 -17.02	64.46 3.26 -16.52	62.44 3.14 -15.01	63.05 3.05 -16.45	66.97 2.11 -22.65	82.13 2.79 -23.59	113.89 4.07 -44.18	99.36 4.28 -31.20	88.55 3.70 -23.19	72.73 4.12 -8.96	55.24 3.28 -9.31	53.00 3.03 -9.08	48.19 3.41 -3.21
HOLTSVILLE_IC_5 23694	48.51 1.91 0.00	43.23 2.14 0.00	38.98 2.45 0.00	37.89 2.58 0.00	39.18 2.25 0.00	42.30 2.21 0.00	52.72 2.56 0.00	62.72 3.35 -6.23	68.10 3.07 -13.01	78.47 3.38 -23.07	67.54 3.79 -12.49	68.83 3.57 -17.02	64.46 3.26 -16.52	62.44 3.14 -15.01	63.05 3.05 -16.45	66.97 2.11 -22.65	82.13 2.79 -23.59	113.89 4.07 -44.18	99.36 4.28 -31.20	88.55 3.70 -23.19	72.73 4.12 -8.96	55.24 3.28 -9.31	53.00 3.03 -9.08	48.19 3.41 -3.21
HOLTSVILLE_IC_6 23695	48.65 2.05 0.00	43.39 2.30 0.00	39.12 2.59 0.00	38.03 2.72 0.00	39.33 2.40 0.00	42.38 2.29 0.00	52.92 2.76 0.00	62.93 3.56 -6.23	68.36 3.33 -13.01	78.73 3.64 -23.07	67.80 4.05 -12.49	69.12 3.86 -17.02	64.68 3.48 -16.52	62.67 3.37 -15.01	63.31 3.31 -16.45	67.18 2.32 -22.65	82.41 3.07 -23.59	114.28 4.46 -44.18	99.68 4.60 -31.20	88.86 4.01 -23.19	73.08 4.47 -8.96	55.46 3.50 -9.31	53.16 3.19 -9.08	48.31 3.53 -3.21
HOLTSVILLE_IC_7 23696	48.65 2.05 0.00	43.39 2.30 0.00	39.12 2.59 0.00	38.03 2.72 0.00	39.33 2.40 0.00	42.38 2.29 0.00	52.92 2.76 0.00	62.93 3.56 -6.23	68.36 3.33 -13.01	78.73 3.64 -23.07	67.80 4.05 -12.49	69.12 3.86 -17.02	64.68 3.48 -16.52	62.67 3.37 -15.01	63.31 3.31 -16.45	67.18 2.32 -22.65	82.41 3.07 -23.59	114.28 4.46 -44.18	99.68 4.60 -31.20	88.86 4.01 -23.19	73.08 4.47 -8.96	55.46 3.50 -9.31	53.16 3.19 -9.08	48.31 3.53 -3.21
HOLTSVILLE_IC_8 23697	48.65 2.05 0.00	43.39 2.30 0.00	39.12 2.59 0.00	38.03 2.72 0.00	39.33 2.40 0.00	42.38 2.29 0.00	52.92 2.76 0.00	62.93 3.56 -6.23	68.36 3.33 -13.01	78.73 3.64 -23.07	67.80 4.05 -12.49	69.12 3.86 -17.02	64.68 3.48 -16.52	62.67 3.37 -15.01	63.31 3.31 -16.45	67.18 2.32 -22.65	82.41 3.07 -23.59	114.28 4.46 -44.18	99.68 4.60 -31.20	88.86 4.01 -23.19	73.08 4.47 -8.96	55.46 3.50 -9.31	53.16 3.19 -9.08	48.31 3.53 -3.21
HOLTSVILLE_IC_9 23698	48.65 2.05 0.00	43.39 2.30 0.00	39.12 2.59 0.00	38.03 2.72 0.00	39.33 2.40 0.00	42.38 2.29 0.00	52.92 2.76 0.00	62.93 3.56 -6.23	68.36 3.33 -13.01	78.73 3.64 -23.07	67.80 4.05 -12.49	69.12 3.86 -17.02	64.68 3.48 -16.52	62.67 3.37 -15.01	63.31 3.31 -16.45	67.18 2.32 -22.65	82.41 3.07 -23.59	114.28 4.46 -44.18	99.68 4.60 -31.20	88.86 4.01 -23.19	73.08 4.47 -8.96	55.46 3.50 -9.31	53.16 3.19 -9.08	48.31 3.53 -3.21
HQ_GEN_CEDARS 23644	46.93 0.33 0.00	41.50 0.41 0.00	37.00 0.47 0.00	35.49 0.18 0.00	37.41 0.48 0.00	40.69 0.60 0.00	51.16 1.00 0.00	53.99 0.85 0.00	52.54 0.52 0.00	52.38 0.36 0.00	51.62 0.36 0.00	48.43 0.19 0.00	44.90 0.22 0.00	44.51 0.22 0.00	43.81 0.26 0.00	42.46 0.25 0.00	55.97 0.22 0.00	66.10 0.46 0.00	64.39 0.51 0.00	61.84 0.18 0.00	59.77 0.12 0.00	42.61 -0.04 0.00	40.93 0.04 0.00	41.65 0.08 0.00
HQ_GEN_CHAT DC 23651	26.57 -0.05 19.98	34.65 -0.04 6.40	36.53 0.00 0.00	35.27 -0.04 0.00	36.93 0.00 0.00	40.13 0.04 0.00	50.21 0.05 0.00	52.98 -0.16 0.00	51.86 -0.16 0.00	51.76 -0.26 0.00	51.00 -0.26 0.00	48.00 -0.24 0.00	44.50 -0.18 0.00	44.11 -0.18 0.00	43.38 -0.17 0.00	42.00 -0.21 0.00	55.47 -0.28 0.00	65.38 -0.26 0.00	63.62 -0.26 0.00	61.35 -0.31 0.00	59.35 -0.30 0.00	42.22 -0.43 0.00	40.64 -0.25 0.00	41.36 -0.21 0.00
HUDAV+59+74_TH_GRP 23620	49.63 3.03 0.00	43.88 2.79 0.00	39.27 2.74 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.98 2.89 0.00	53.62 3.46 0.00	63.51 4.14 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.85 4.10 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.32 3.46 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.26 4.65 -8.96	55.41 3.45 -9.31	53.32 3.35 -9.08	48.15 3.37 -3.21
HUDSON AVE_GT_3 23810	49.63 3.03 0.00	43.88 2.79 0.00	39.27 2.74 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.98 2.89 0.00	53.62 3.46 0.00	63.51 4.14 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.85 4.10 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.32 3.46 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.26 4.65 -8.96	55.41 3.45 -9.31	53.32 3.35 -9.08	48.15 3.37 -3.21
HUDSON AVE_GT_4 23540	49.63 3.03 0.00	43.88 2.79 0.00	39.27 2.74 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.98 2.89 0.00	53.62 3.46 0.00	63.51 4.14 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.85 4.10 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.32 3.46 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.26 4.65 -8.96	55.41 3.45 -9.31	53.32 3.35 -9.08	48.15 3.37 -3.21
HUDSON AVE_GT_5 23657	49.63 3.03 0.00	43.88 2.79 0.00	39.27 2.74 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.98 2.89 0.00	53.62 3.46 0.00	63.51 4.14 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.85 4.10 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.32 3.46 -22.65	83.91 4.57 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.26 4.65 -8.96	55.41 3.45 -9.31	53.32 3.35 -9.08	48.15 3.37 -3.21
HUDSON_AVE_10 24168	49.49 2.89 0.00	43.72 2.63 0.00	39.09 2.56 0.00	37.75 2.44 0.00	39.37 2.44 0.00	42.82 2.73 0.00	53.52 3.36 0.00	63.57 4.20 -6.23	69.19 4.16 -13.01	79.36 4.27 -23.07	67.95 4.20 -12.49	69.17 3.91 -17.02	64.82 3.62 -16.52	62.84 3.54 -15.01	63.53 3.53 -16.45	68.41 3.55 -22.65	84.08 4.74 -23.59	115.01 5.19 -44.18	100.06 4.98 -31.20	89.84 4.99 -23.19	73.26 4.65 -8.96	55.46 3.50 -9.31	53.36 3.39 -9.08	48.11 3.33 -3.21



HUNTLEY___63 23557	42.31 -4.29 0.00	36.78 -4.31 0.00	32.00 -4.53 0.00	31.39 -3.92 0.00	32.68 -4.25 0.00	35.48 -4.61 0.00	44.19 -5.97 0.00	47.03 -6.11 0.00	45.99 -6.03 0.00	45.99 -6.03 0.00	45.21 -6.05 0.00	42.69 -5.55 0.00	39.50 -5.18 0.00	39.24 -5.05 0.00	38.45 -5.10 0.00	37.23 -4.98 0.00	46.13 -6.97 2.65	57.96 -7.68 0.00	56.34 -7.54 0.00	54.32 -7.34 0.00	52.67 -6.98 0.00	38.17 -4.48 0.00	35.49 -5.40 0.00	32.99 -5.94 2.64
HUNTLEY___64 23558	42.31 -4.29 0.00	36.78 -4.31 0.00	32.00 -4.53 0.00	31.39 -3.92 0.00	32.68 -4.25 0.00	35.48 -4.61 0.00	44.19 -5.97 0.00	47.03 -6.11 0.00	45.99 -6.03 0.00	45.99 -6.03 0.00	45.21 -6.05 0.00	42.69 -5.55 0.00	39.50 -5.18 0.00	39.24 -5.05 0.00	38.45 -5.10 0.00	37.23 -4.98 0.00	46.13 -6.97 2.65	57.96 -7.68 0.00	56.34 -7.54 0.00	54.32 -7.34 0.00	52.67 -6.98 0.00	38.17 -4.48 0.00	35.49 -5.40 0.00	32.99 -5.94 2.64
HUNTLEY___65 23559	42.31 -4.29 0.00	36.78 -4.31 0.00	32.00 -4.53 0.00	31.39 -3.92 0.00	32.68 -4.25 0.00	35.48 -4.61 0.00	44.19 -5.97 0.00	47.03 -6.11 0.00	45.99 -6.03 0.00	45.99 -6.03 0.00	45.21 -6.05 0.00	42.69 -5.55 0.00	39.50 -5.18 0.00	39.24 -5.05 0.00	38.45 -5.10 0.00	37.23 -4.98 0.00	46.13 -6.97 2.65	57.96 -7.68 0.00	56.34 -7.54 0.00	54.32 -7.34 0.00	52.67 -6.98 0.00	38.17 -4.48 0.00	35.49 -5.40 0.00	32.99 -5.94 2.64
HUNTLEY___66 23560	42.31 -4.29 0.00	36.78 -4.31 0.00	32.00 -4.53 0.00	31.39 -3.92 0.00	32.68 -4.25 0.00	35.48 -4.61 0.00	44.19 -5.97 0.00	47.03 -6.11 0.00	45.99 -6.03 0.00	45.99 -6.03 0.00	45.21 -6.05 0.00	42.69 -5.55 0.00	39.50 -5.18 0.00	39.24 -5.05 0.00	38.45 -5.10 0.00	37.23 -4.98 0.00	46.13 -6.97 2.65	57.96 -7.68 0.00	56.34 -7.54 0.00	54.32 -7.34 0.00	52.67 -6.98 0.00	38.17 -4.48 0.00	35.49 -5.40 0.00	32.99 -5.94 2.64
HUNTLEY___67 23561	41.85 -4.75 0.00	36.41 -4.68 0.00	31.67 -4.86 0.00	31.07 -4.24 0.00	32.35 -4.58 0.00	35.12 -4.97 0.00	43.64 -6.52 0.00	46.39 -6.75 0.00	45.31 -6.71 0.00	45.31 -6.71 0.00	44.55 -6.71 0.00	42.07 -6.17 0.00	38.92 -5.76 0.00	38.67 -5.62 0.00	37.93 -5.62 0.00	36.68 -5.53 0.00	45.46 -7.64 2.65	57.11 -8.53 0.00	55.51 -8.37 0.00	53.58 -8.08 0.00	51.90 -7.75 0.00	37.75 -4.90 0.00	35.17 -5.72 0.00	32.69 -6.24 2.64
HUNTLEY___68 23562	41.85 -4.75 0.00	36.41 -4.68 0.00	31.67 -4.86 0.00	31.07 -4.24 0.00	32.35 -4.58 0.00	35.12 -4.97 0.00	43.64 -6.52 0.00	46.39 -6.75 0.00	45.31 -6.71 0.00	45.31 -6.71 0.00	44.55 -6.71 0.00	42.07 -6.17 0.00	38.92 -5.76 0.00	38.67 -5.62 0.00	37.93 -5.62 0.00	36.68 -5.53 0.00	45.46 -7.64 2.65	57.11 -8.53 0.00	55.51 -8.37 0.00	53.58 -8.08 0.00	51.90 -7.75 0.00	37.75 -4.90 0.00	35.17 -5.72 0.00	32.69 -6.24 2.64
INDECK___CORINTH 23802	46.13 -0.47 0.00	40.88 -0.21 0.00	36.35 -0.18 0.00	35.10 -0.21 0.00	36.67 -0.26 0.00	40.13 0.04 0.00	50.61 0.45 0.00	53.62 0.48 0.00	52.70 0.68 0.00	52.85 0.83 0.00	52.08 0.82 0.00	48.96 0.72 0.00	45.26 0.58 0.00	44.29 0.00 0.00	43.64 0.09 0.00	42.29 0.08 0.00	56.25 0.50 0.00	66.10 0.46 0.00	64.39 0.51 0.00	62.28 0.62 0.00	60.13 0.48 0.00	43.38 0.73 0.00	41.22 0.33 0.00	41.74 0.17 0.00
INDECK___ILION 23567	47.35 0.75 0.00	41.71 0.62 0.00	37.08 0.55 0.00	35.84 0.53 0.00	37.48 0.55 0.00	40.77 0.68 0.00	50.46 0.30 0.00	53.57 0.43 0.00	52.49 0.47 0.00	52.49 0.47 0.00	51.72 0.46 0.00	48.67 0.43 0.00	45.08 0.40 0.00	44.64 0.35 0.00	43.90 0.35 0.00	42.55 0.34 0.00	56.08 0.33 0.00	66.10 0.46 0.00	64.33 0.45 0.00	62.09 0.43 0.00	60.25 0.60 0.00	43.59 0.94 0.00	41.67 0.78 0.00	42.28 0.71 0.00
INDECK___OLEAN 23982	43.76 -2.84 0.00	37.93 -3.16 0.00	33.06 -3.47 0.00	32.59 -2.72 0.00	34.09 -2.84 0.00	37.04 -3.05 0.00	46.60 -3.56 0.00	49.00 -4.14 0.00	47.49 -4.53 0.00	47.44 -4.58 0.00	46.13 -5.13 0.00	43.80 -4.44 0.00	40.57 -4.11 0.00	40.57 -3.72 0.00	39.72 -3.83 0.00	38.41 -3.80 0.00	47.87 -5.52 2.36	60.00 -5.64 0.00	58.19 -5.69 0.00	56.17 -5.49 0.00	54.64 -5.01 0.00	40.22 -2.43 0.00	37.25 -3.64 0.00	35.02 -4.20 2.35
INDECK___OSWEGO 23783	45.85 -0.75 0.00	40.35 -0.74 0.00	35.76 -0.77 0.00	34.60 -0.71 0.00	36.19 -0.74 0.00	39.25 -0.84 0.00	48.86 -1.30 0.00	51.81 -1.33 0.00	50.77 -1.25 0.00	50.77 -1.25 0.00	49.98 -1.28 0.00	47.03 -1.21 0.00	43.56 -1.12 0.00	43.27 -1.02 0.00	42.50 -1.05 0.00	41.20 -1.01 0.00	54.36 -1.39 0.00	64.20 -1.44 0.00	62.47 -1.41 0.00	60.24 -1.42 0.00	58.22 -1.43 0.00	41.75 -0.90 0.00	40.15 -0.74 0.00	40.78 -0.79 0.00
INDECK___YERKES 23781	42.31 -4.29 0.00	36.78 -4.31 0.00	32.00 -4.53 0.00	31.39 -3.92 0.00	32.68 -4.25 0.00	35.48 -4.61 0.00	44.19 -5.97 0.00	47.03 -6.11 0.00	45.99 -6.03 0.00	45.99 -6.03 0.00	45.21 -6.05 0.00	42.69 -5.55 0.00	39.50 -5.18 0.00	39.24 -5.05 0.00	38.45 -5.10 0.00	37.23 -4.98 0.00	46.13 -6.97 2.65	57.96 -7.68 0.00	56.34 -7.54 0.00	54.32 -7.34 0.00	52.67 -6.98 0.00	38.17 -4.48 0.00	35.49 -5.40 0.00	32.99 -5.94 2.64
INDIAN POINT_GT_1 24139	49.07 2.47 0.00	43.39 2.30 0.00	38.79 2.26 0.00	37.46 2.15 0.00	39.07 2.14 0.00	42.46 2.37 0.00	53.02 2.86 0.00	62.82 3.45 -6.23	68.46 3.43 -13.01	78.63 3.54 -23.07	67.24 3.49 -12.49	68.54 3.28 -17.02	64.19 2.99 -16.52	62.27 2.97 -15.01	62.92 2.92 -16.45	67.77 2.91 -22.65	83.24 3.90 -23.59	114.02 4.20 -44.18	99.17 4.09 -31.20	88.98 4.13 -23.19	72.61 4.00 -8.96	54.95 2.99 -9.31	52.83 2.86 -9.08	47.61 2.83 -3.21
INDIAN POINT_GT_2 23659	49.07 2.47 0.00	43.39 2.30 0.00	38.79 2.26 0.00	37.46 2.15 0.00	39.07 2.14 0.00	42.46 2.37 0.00	53.02 2.86 0.00	62.82 3.45 -6.23	68.46 3.43 -13.01	78.63 3.54 -23.07	67.24 3.49 -12.49	68.54 3.28 -17.02	64.19 2.99 -16.52	62.27 2.97 -15.01	62.92 2.92 -16.45	67.77 2.91 -22.65	83.24 3.90 -23.59	114.02 4.20 -44.18	99.17 4.09 -31.20	88.98 4.13 -23.19	72.61 4.00 -8.96	54.95 2.99 -9.31	52.83 2.86 -9.08	47.61 2.83 -3.21
INDIAN POINT_GT_3 24019	49.07 2.47 0.00	43.39 2.30 0.00	38.79 2.26 0.00	37.46 2.15 0.00	39.07 2.14 0.00	42.46 2.37 0.00	53.02 2.86 0.00	62.82 3.45 -6.23	68.46 3.43 -13.01	78.63 3.54 -23.07	67.24 3.49 -12.49	68.54 3.28 -17.02	64.19 2.99 -16.52	62.27 2.97 -15.01	62.92 2.92 -16.45	67.77 2.91 -22.65	83.24 3.90 -23.59	114.02 4.20 -44.18	99.17 4.09 -31.20	88.98 4.13 -23.19	72.61 4.00 -8.96	54.95 2.99 -9.31	52.83 2.86 -9.08	47.61 2.83 -3.21
INDIAN POINT___2 23530	46.60 0.00 0.00	41.09 0.00 0.00	36.53 0.00 0.00	35.31 0.00 0.00	36.93 0.00 0.00	40.09 0.00 0.00	50.16 0.00 0.00	53.14 0.00 0.00	52.02 0.00 0.00	52.02 0.00 0.00	51.26 0.00 0.00	48.24 0.00 0.00	44.68 0.00 0.00	44.29 0.00 0.00	43.55 0.00 0.00	42.21 0.00 0.00	55.75 0.00 0.00	65.64 0.00 0.00	63.88 0.00 0.00	61.66 0.00 0.00	59.65 0.00 0.00	42.65 0.00 0.00	40.89 0.00 0.00	41.57 0.00 0.00
INDIAN POINT___3 23531	48.84 2.24 0.00	43.19 2.10 0.00	38.65 2.12 0.00	37.32 2.01 0.00	38.92 1.99 0.00	42.21 2.12 0.00	52.72 2.56 0.00	62.51 3.14 -6.23	68.10 3.07 -13.01	78.32 3.23 -23.07	66.93 3.18 -12.49	68.20 2.94 -17.02	63.93 2.73 -16.52	61.96 2.66 -15.01	62.66 2.66 -16.45	67.52 2.66 -22.65	82.85 3.51 -23.59	113.63 3.81 -44.18	98.78 3.70 -31.20	88.55 3.70 -23.19	72.19 3.58 -8.96	54.65 2.69 -9.31	52.59 2.62 -9.08	47.36 2.58 -3.21



INDIAN PT_GT_GRP 23687	49.07 2.47 0.00	43.39 2.30 0.00	38.79 2.26 0.00	37.46 2.15 0.00	39.07 2.14 0.00	42.46 2.37 0.00	53.02 2.86 0.00	62.82 3.45 -6.23	68.46 3.43 -13.01	78.63 3.54 -23.07	67.24 3.49 -12.49	68.54 3.28 -17.02	64.19 2.99 -16.52	62.27 2.97 -15.01	62.92 2.92 -16.45	67.77 2.91 -22.65	83.24 3.90 -23.59	114.02 4.20 -44.18	99.17 4.09 -31.20	88.98 4.13 -23.19	72.61 4.00 -8.96	54.95 2.99 -9.31	52.83 2.86 -9.08	47.61 2.83 -3.21
IP CORINTH___1 23988	46.13 -0.47 0.00	40.88 -0.21 0.00	36.35 -0.18 0.00	35.10 -0.21 0.00	36.67 -0.26 0.00	40.13 0.04 0.00	50.61 0.45 0.00	53.62 0.48 0.00	52.70 0.68 0.00	52.85 0.83 0.00	52.08 0.82 0.00	48.96 0.72 0.00	45.26 0.58 0.00	44.29 0.00 0.00	43.64 0.09 0.00	42.29 0.08 0.00	56.25 0.50 0.00	66.10 0.46 0.00	64.39 0.51 0.00	62.28 0.62 0.00	60.19 0.54 0.00	43.38 0.73 0.00	41.22 0.33 0.00	41.74 0.17 0.00
IP___TICONDEROGA 23804	48.18 1.58 0.00	42.69 1.60 0.00	37.85 1.32 0.00	36.58 1.27 0.00	38.19 1.26 0.00	41.77 1.68 0.00	52.52 2.36 0.00	55.27 2.13 0.00	54.47 2.45 0.00	54.73 2.71 0.00	53.93 2.67 0.00	50.70 2.46 0.00	46.91 2.23 0.00	46.19 1.90 0.00	45.51 1.96 0.00	44.11 1.90 0.00	58.65 2.90 0.00	68.59 2.95 0.00	66.88 3.00 0.00	64.74 3.08 0.00	62.57 2.92 0.00	44.91 2.26 0.00	42.69 1.80 0.00	43.57 2.00 0.00
JARVIS_____ 23743	46.69 0.09 0.00	41.17 0.08 0.00	36.60 0.07 0.00	35.42 0.11 0.00	37.00 0.07 0.00	40.17 0.08 0.00	50.26 0.10 0.00	53.30 0.16 0.00	52.18 0.16 0.00	52.23 0.21 0.00	51.47 0.21 0.00	48.43 0.19 0.00	44.81 0.13 0.00	44.42 0.13 0.00	43.68 0.13 0.00	42.34 0.13 0.00	55.97 0.22 0.00	65.84 0.20 0.00	64.07 0.19 0.00	61.91 0.25 0.00	59.89 0.24 0.00	42.86 0.21 0.00	41.05 0.16 0.00	41.74 0.17 0.00
JENNISON___1 23625	46.37 -0.23 0.00	40.60 -0.49 0.00	35.98 -0.55 0.00	34.89 -0.42 0.00	36.52 -0.41 0.00	39.77 -0.32 0.00	50.21 0.05 0.00	53.67 0.53 0.00	52.49 0.47 0.00	52.59 0.57 0.00	51.72 0.46 0.00	48.72 0.48 0.00	45.08 0.40 0.00	44.69 0.40 0.00	43.90 0.35 0.00	42.55 0.34 0.00	56.17 0.56 0.14	66.69 1.05 0.00	64.84 0.96 0.00	62.58 0.92 0.00	60.31 0.66 0.00	43.20 0.55 0.00	40.93 0.04 0.00	41.22 -0.21 0.14
JENNISON___2 23626	46.27 -0.33 0.00	40.56 -0.53 0.00	35.91 -0.62 0.00	34.85 -0.46 0.00	36.45 -0.48 0.00	39.69 -0.40 0.00	50.11 -0.05 0.00	53.57 0.43 0.00	52.38 0.36 0.00	52.44 0.42 0.00	51.62 0.36 0.00	48.63 0.39 0.00	44.99 0.31 0.00	44.60 0.31 0.00	43.81 0.26 0.00	42.46 0.25 0.00	56.06 0.45 0.14	66.56 0.92 0.00	64.71 0.83 0.00	62.40 0.74 0.00	60.19 0.54 0.00	43.12 0.47 0.00	40.85 -0.04 0.00	41.14 -0.29 0.14
KEDC PORT_JEFF_GT2 24210	48.46 1.86 0.00	43.31 2.22 0.00	39.05 2.52 0.00	37.96 2.65 0.00	39.18 2.25 0.00	42.21 2.12 0.00	52.72 2.56 0.00	62.66 3.29 -6.23	68.10 3.07 -13.01	78.52 3.43 -23.07	67.59 3.84 -12.49	68.88 3.62 -17.02	64.51 3.31 -16.52	62.49 3.19 -15.01	63.09 3.09 -16.45	66.55 1.69 -22.65	81.40 2.06 -23.59	113.10 3.28 -44.18	98.59 3.51 -31.20	87.81 2.96 -23.19	72.01 3.40 -8.96	55.29 3.33 -9.31	53.00 3.03 -9.08	48.15 3.37 -3.21
KEDC PORT_JEFF_GT3 24211	48.46 1.86 0.00	43.31 2.22 0.00	39.05 2.52 0.00	37.96 2.65 0.00	39.18 2.25 0.00	42.21 2.12 0.00	52.72 2.56 0.00	62.66 3.29 -6.23	68.10 3.07 -13.01	78.52 3.43 -23.07	67.59 3.84 -12.49	68.88 3.62 -17.02	64.51 3.31 -16.52	62.49 3.19 -15.01	63.09 3.09 -16.45	66.89 2.03 -22.65	81.46 2.12 -23.59	113.17 3.35 -44.18	98.59 3.51 -31.20	87.81 2.96 -23.19	72.01 3.40 -8.96	55.29 3.33 -9.31	53.00 3.03 -9.08	48.15 3.37 -3.21
KEDC_GLWD_GT4 24219	49.35 2.75 0.00	43.68 2.59 0.00	39.20 2.67 0.00	37.96 2.65 0.00	39.55 2.62 0.00	42.86 2.77 0.00	53.52 3.36 0.00	63.36 3.99 -6.23	68.83 3.80 -13.01	79.10 4.01 -23.07	67.85 4.10 -12.49	69.12 3.86 -17.02	64.77 3.57 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	67.98 3.12 -22.65	83.41 4.07 -23.59	114.74 4.92 -44.18	99.93 4.85 -31.20	89.47 4.62 -23.19	73.38 4.77 -8.96	55.59 3.63 -9.31	53.49 3.52 -9.08	48.48 3.70 -3.21
KEDC_GLWD_GT5 24220	49.35 2.75 0.00	43.68 2.59 0.00	39.20 2.67 0.00	37.96 2.65 0.00	39.55 2.62 0.00	42.86 2.77 0.00	53.52 3.36 0.00	63.36 3.99 -6.23	68.83 3.80 -13.01	79.10 4.01 -23.07	67.85 4.10 -12.49	69.12 3.86 -17.02	64.77 3.57 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	67.98 3.12 -22.65	83.41 4.07 -23.59	114.74 4.92 -44.18	99.93 4.85 -31.20	89.47 4.62 -23.19	73.38 4.77 -8.96	55.59 3.63 -9.31	53.49 3.52 -9.08	48.48 3.70 -3.21
KENSICO____ 23655	49.16 2.56 0.00	43.47 2.38 0.00	38.87 2.34 0.00	37.57 2.26 0.00	39.18 2.25 0.00	42.54 2.45 0.00	53.12 2.96 0.00	62.93 3.56 -6.23	68.52 3.49 -13.01	78.68 3.59 -23.07	67.29 3.54 -12.49	68.59 3.33 -17.02	64.28 3.08 -16.52	62.31 3.01 -15.01	63.00 3.00 -16.45	67.86 3.00 -22.65	83.30 3.96 -23.59	114.15 4.33 -44.18	99.30 4.22 -31.20	89.04 4.19 -23.19	72.67 4.06 -8.96	54.99 3.03 -9.31	52.87 2.90 -9.08	47.69 2.91 -3.21
KIAC_JFK_AIRPORT 23541	49.40 2.80 0.00	43.64 2.55 0.00	39.01 2.48 0.00	37.68 2.37 0.00	39.29 2.36 0.00	42.78 2.69 0.00	53.52 3.36 0.00	63.73 4.36 -6.23	69.45 4.42 -13.01	79.62 4.53 -23.07	68.16 4.41 -12.49	69.41 4.15 -17.02	65.00 3.80 -16.52	63.06 3.76 -15.01	63.70 3.70 -16.45	68.62 3.76 -22.65	84.36 5.02 -23.59	115.40 5.58 -44.18	100.38 5.30 -31.20	90.21 5.36 -23.19	73.44 4.83 -8.96	55.54 3.58 -9.31	53.57 3.60 -9.08	48.19 3.41 -3.21
KINTIGH_____ 23543	41.89 -4.71 0.00	36.57 -4.52 0.00	31.93 -4.60 0.00	31.18 -4.13 0.00	32.50 -4.43 0.00	35.28 -4.81 0.00	43.94 -6.22 0.00	46.50 -6.64 0.00	45.52 -6.50 0.00	45.52 -6.50 0.00	44.85 -6.41 0.00	42.31 -5.93 0.00	39.14 -5.54 0.00	38.84 -5.45 0.00	38.11 -5.44 0.00	36.89 -5.32 0.00	45.61 -7.30 2.84	57.37 -8.27 0.00	55.83 -8.05 0.00	53.83 -7.83 0.00	52.19 -7.46 0.00	37.92 -4.73 0.00	35.53 -5.36 0.00	33.00 -5.74 2.83
LEDERLE_____ 23769	48.88 2.28 0.00	43.23 2.14 0.00	38.72 2.19 0.00	37.39 2.08 0.00	39.00 2.07 0.00	42.30 2.21 0.00	52.82 2.66 0.00	56.43 3.29 0.00	55.19 3.17 0.00	55.35 3.33 0.00	54.54 3.28 0.00	51.33 3.09 0.00	47.49 2.81 0.00	47.08 2.79 0.00	46.29 2.74 0.00	44.95 2.74 0.00	59.33 3.62 0.04	69.64 4.00 0.00	67.78 3.90 0.00	65.54 3.88 0.00	63.41 3.76 0.00	45.42 2.77 0.00	43.55 2.66 0.00	44.15 2.62 0.04
LINDEN COGEN____ 23786	49.30 2.70 0.00	43.60 2.51 0.00	39.01 2.48 0.00	37.68 2.37 0.00	39.29 2.36 0.00	42.70 2.61 0.00	52.97 2.81 0.00	62.88 3.51 -6.23	68.46 3.43 -13.01	78.63 3.54 -23.07	67.18 3.43 -12.49	68.49 3.23 -17.02	64.19 2.99 -16.52	62.22 2.92 -15.01	62.92 2.92 -16.45	67.81 2.95 -22.65	83.24 3.90 -23.59	113.89 4.07 -44.18	99.04 3.96 -31.20	88.80 3.95 -23.19	72.55 3.94 -8.96	54.90 2.94 -9.31	52.79 2.82 -9.08	47.90 3.12 -3.21
LIPA_MISC_IPP 23656	48.56 1.96 0.00	43.27 2.18 0.00	39.05 2.52 0.00	37.92 2.61 0.00	39.22 2.29 0.00	42.34 2.25 0.00	52.87 2.71 0.00	62.88 3.51 -6.23	68.31 3.28 -13.01	78.68 3.59 -23.07	67.75 4.00 -12.49	69.07 3.81 -17.02	64.64 3.44 -16.52	62.62 3.32 -15.01	63.22 3.22 -16.45	67.14 2.28 -22.65	82.35 3.01 -23.59	114.22 4.40 -44.18	99.68 4.60 -31.20	88.86 4.01 -23.19	73.02 4.41 -8.96	55.41 3.45 -9.31	53.12 3.15 -9.08	48.27 3.49 -3.21



LITTLE FALLS___HYD 24013	48.00 1.40 0.00	42.28 1.19 0.00	37.55 1.02 0.00	36.33 1.02 0.00	38.00 1.07 0.00	41.37 1.28 0.00	51.51 1.35 0.00	54.73 1.59 0.00	53.63 1.61 0.00	53.63 1.61 0.00	52.85 1.59 0.00	49.74 1.50 0.00	46.02 1.34 0.00	45.57 1.28 0.00	44.81 1.26 0.00	43.39 1.18 0.00	57.31 1.56 0.00	67.61 1.97 0.00	65.80 1.92 0.00	63.51 1.85 0.00	61.50 1.85 0.00	44.27 1.62 0.00	42.24 1.35 0.00	42.86 1.29 0.00
LONG LAKE PHOENIX 24014	45.95 -0.65 0.00	40.39 -0.70 0.00	35.80 -0.73 0.00	34.64 -0.67 0.00	36.23 -0.70 0.00	39.33 -0.76 0.00	49.26 -0.90 0.00	52.29 -0.85 0.00	51.19 -0.83 0.00	51.24 -0.78 0.00	50.44 -0.82 0.00	47.47 -0.77 0.00	43.97 -0.71 0.00	43.63 -0.66 0.00	42.85 -0.70 0.00	41.53 -0.68 0.00	54.86 -0.89 0.00	64.79 -0.85 0.00	63.05 -0.83 0.00	60.86 -0.80 0.00	58.81 -0.84 0.00	42.10 -0.55 0.00	40.24 -0.65 0.00	40.86 -0.71 0.00
LOVETT___3 23632	47.67 1.07 0.00	42.20 1.11 0.00	37.81 1.28 0.00	36.51 1.20 0.00	38.00 1.07 0.00	41.21 1.12 0.00	51.41 1.25 0.00	54.95 1.81 0.00	53.79 1.77 0.00	53.89 1.87 0.00	53.11 1.85 0.00	49.98 1.74 0.00	46.24 1.56 0.00	45.84 1.55 0.00	45.12 1.57 0.00	43.81 1.60 0.00	57.83 2.12 0.04	67.81 2.17 0.00	65.99 2.11 0.00	63.82 2.16 0.00	61.74 2.09 0.00	44.27 1.62 0.00	42.48 1.59 0.00	43.07 1.54 0.04
LOVETT___4 23642	48.23 1.63 0.00	42.69 1.60 0.00	38.25 1.72 0.00	36.90 1.59 0.00	38.44 1.51 0.00	41.69 1.60 0.00	52.07 1.91 0.00	55.64 2.50 0.00	54.47 2.45 0.00	54.62 2.60 0.00	53.82 2.56 0.00	50.60 2.36 0.00	46.87 2.19 0.00	46.42 2.13 0.00	45.68 2.13 0.00	44.36 2.15 0.00	58.55 2.84 0.04	68.66 3.02 0.00	66.82 2.94 0.00	64.68 3.02 0.00	62.57 2.92 0.00	44.83 2.18 0.00	43.02 2.13 0.00	43.57 2.04 0.04
LOVETT___5 23593	48.23 1.63 0.00	42.69 1.60 0.00	38.25 1.72 0.00	36.90 1.59 0.00	38.44 1.51 0.00	41.69 1.60 0.00	52.07 1.91 0.00	55.64 2.50 0.00	54.47 2.45 0.00	54.62 2.60 0.00	53.82 2.56 0.00	50.60 2.36 0.00	46.87 2.19 0.00	46.42 2.13 0.00	45.68 2.13 0.00	44.36 2.15 0.00	58.55 2.84 0.04	68.66 3.02 0.00	66.82 2.94 0.00	64.68 3.02 0.00	62.57 2.92 0.00	44.83 2.18 0.00	43.02 2.13 0.00	43.57 2.04 0.04
LOWER RAQUET___HYD 24057	46.27 -0.33 0.00	40.88 -0.21 0.00	36.42 -0.11 0.00	34.99 -0.32 0.00	36.82 -0.11 0.00	40.09 0.00 0.00	50.41 0.25 0.00	53.19 0.05 0.00	51.81 -0.21 0.00	51.71 -0.31 0.00	50.95 -0.31 0.00	47.47 -0.77 0.00	43.97 -0.71 0.00	43.58 -0.71 0.00	42.98 -0.57 0.00	41.62 -0.59 0.00	54.86 -0.89 0.00	64.85 -0.79 0.00	63.11 -0.77 0.00	60.74 -0.92 0.00	58.64 -1.01 0.00	41.71 -0.94 0.00	40.19 -0.70 0.00	40.86 -0.71 0.00
LOWER___HUDSON 24059	47.53 0.93 0.00	42.03 0.94 0.00	37.44 0.91 0.00	36.16 0.85 0.00	37.78 0.85 0.00	41.17 1.08 0.00	51.61 1.45 0.00	54.68 1.54 0.00	53.68 1.66 0.00	53.79 1.77 0.00	53.00 1.74 0.00	49.88 1.64 0.00	46.15 1.47 0.00	45.62 1.33 0.00	44.86 1.31 0.00	43.52 1.31 0.00	57.65 1.90 0.00	67.61 1.97 0.00	65.86 1.98 0.00	63.69 2.03 0.00	61.62 1.97 0.00	44.19 1.54 0.00	42.20 1.31 0.00	42.90 1.33 0.00
MG INDUSTRY___DRP 24185	47.44 0.84 0.00	41.91 0.82 0.00	37.33 0.80 0.00	36.09 0.78 0.00	37.71 0.78 0.00	40.97 0.88 0.00	51.06 0.90 0.00	54.26 1.12 0.00	53.22 1.20 0.00	53.27 1.25 0.00	52.49 1.23 0.00	49.40 1.16 0.00	45.71 1.03 0.00	45.31 1.02 0.00	44.55 1.00 0.00	43.22 1.01 0.00	57.14 1.39 0.00	67.02 1.38 0.00	65.29 1.41 0.00	63.08 1.42 0.00	61.02 1.37 0.00	43.76 1.11 0.00	41.87 0.98 0.00	42.53 0.96 0.00
MILLIKEN___1 23584	42.13 -4.47 0.00	36.98 -4.11 0.00	32.73 -3.80 0.00	31.64 -3.67 0.00	33.09 -3.84 0.00	36.16 -3.93 0.00	45.80 -4.36 0.00	49.26 -3.88 0.00	48.27 -3.75 0.00	48.27 -3.75 0.00	47.57 -3.69 0.00	44.77 -3.47 0.00	41.37 -3.31 0.00	41.06 -3.23 0.00	40.33 -3.22 0.00	39.09 -3.12 0.00	51.79 -3.96 0.00	61.57 -4.07 0.00	59.86 -4.02 0.00	57.65 -4.01 0.00	55.59 -4.06 0.00	39.71 -2.94 0.00	37.62 -3.27 0.00	37.91 -3.66 0.00
MILLIKEN___2 23585	42.13 -4.47 0.00	36.98 -4.11 0.00	32.73 -3.80 0.00	31.64 -3.67 0.00	33.09 -3.84 0.00	36.16 -3.93 0.00	45.80 -4.36 0.00	49.21 -3.93 0.00	48.22 -3.80 0.00	48.27 -3.75 0.00	47.57 -3.69 0.00	44.72 -3.52 0.00	41.33 -3.35 0.00	41.01 -3.28 0.00	40.28 -3.27 0.00	39.04 -3.17 0.00	51.74 -4.01 0.00	61.50 -4.14 0.00	59.86 -4.02 0.00	57.59 -4.07 0.00	55.53 -4.12 0.00	39.71 -2.94 0.00	37.58 -3.31 0.00	37.87 -3.70 0.00
MILLIKEN___DIESEL 23629	42.41 -4.19 0.00	37.23 -3.86 0.00	32.91 -3.62 0.00	31.85 -3.46 0.00	33.31 -3.62 0.00	36.36 -3.73 0.00	46.05 -4.11 0.00	49.53 -3.61 0.00	48.53 -3.49 0.00	48.53 -3.49 0.00	47.83 -3.43 0.00	45.01 -3.23 0.00	41.60 -3.08 0.00	41.28 -3.01 0.00	40.55 -3.00 0.00	39.26 -2.95 0.00	52.07 -3.68 0.00	61.90 -3.74 0.00	60.18 -3.70 0.00	57.96 -3.70 0.00	55.89 -3.76 0.00	39.92 -2.73 0.00	37.78 -3.11 0.00	38.12 -3.45 0.00
MODEL_CITY_ENERGY 24167	42.08 -4.52 0.00	36.57 -4.52 0.00	31.78 -4.75 0.00	31.18 -4.13 0.00	32.42 -4.51 0.00	35.24 -4.85 0.00	43.79 -6.37 0.00	46.44 -6.70 0.00	45.47 -6.55 0.00	45.47 -6.55 0.00	44.70 -6.56 0.00	42.31 -5.93 0.00	39.14 -5.54 0.00	38.89 -5.40 0.00	38.11 -5.44 0.00	36.89 -5.32 0.00	45.53 -7.53 2.69	57.17 -8.47 0.00	55.64 -8.24 0.00	53.64 -8.02 0.00	52.02 -7.63 0.00	37.87 -4.78 0.00	35.25 -5.64 0.00	32.78 -6.11 2.68
MOHAWK_PAPER___DRP 24187	48.00 1.40 0.00	42.45 1.36 0.00	37.81 1.28 0.00	36.55 1.24 0.00	38.19 1.26 0.00	41.57 1.48 0.00	52.12 1.96 0.00	55.32 2.18 0.00	54.26 2.24 0.00	54.36 2.34 0.00	53.57 2.31 0.00	50.36 2.12 0.00	46.60 1.92 0.00	46.15 1.86 0.00	45.42 1.87 0.00	44.03 1.82 0.00	58.31 2.56 0.00	68.53 2.89 0.00	66.69 2.81 0.00	64.43 2.77 0.00	62.33 2.68 0.00	44.61 1.96 0.00	42.65 1.76 0.00	43.27 1.70 0.00
MONGAUP___HYD 23641	48.60 2.00 0.00	42.90 1.81 0.00	38.39 1.86 0.00	37.00 1.69 0.00	38.63 1.70 0.00	41.97 1.88 0.00	52.72 2.56 0.00	56.22 3.08 0.00	54.99 2.97 0.00	55.14 3.12 0.00	54.34 3.08 0.00	51.09 2.85 0.00	47.32 2.64 0.00	46.90 2.61 0.00	46.12 2.57 0.00	44.74 2.53 0.00	59.17 3.46 0.04	69.38 3.74 0.00	67.52 3.64 0.00	65.36 3.70 0.00	63.23 3.58 0.00	45.21 2.56 0.00	43.26 2.37 0.00	43.69 2.16 0.04
MONTAUK___DIESEL 23721	50.05 3.45 0.00	44.50 3.41 0.00	40.04 3.51 0.00	38.91 3.60 0.00	40.29 3.36 0.00	43.54 3.45 0.00	54.82 4.66 0.00	65.16 5.79 -6.23	70.65 5.62 -13.01	81.18 6.09 -23.07	70.31 6.56 -12.49	71.48 6.22 -17.02	66.87 5.67 -16.52	64.84 5.54 -15.01	65.40 5.40 -16.45	69.17 4.31 -22.65	85.19 5.85 -23.59	118.02 8.20 -44.18	103.38 8.30 -31.20	92.31 7.46 -23.19	76.36 7.75 -8.96	57.63 5.67 -9.31	54.75 4.78 -9.08	49.68 4.90 -3.21
N SALMON___HYD 24042	46.04 -0.56 0.00	40.72 -0.37 0.00	36.31 -0.22 0.00	34.89 -0.42 0.00	36.67 -0.26 0.00	39.89 -0.20 0.00	50.16 0.00 0.00	52.98 -0.16 0.00	51.66 -0.36 0.00	51.50 -0.52 0.00	50.75 -0.51 0.00	47.66 -0.58 0.00	44.14 -0.54 0.00	43.76 -0.53 0.00	43.07 -0.48 0.00	41.70 -0.51 0.00	55.08 -0.67 0.00	64.98 -0.66 0.00	63.24 -0.64 0.00	60.86 -0.80 0.00	58.81 -0.84 0.00	41.75 -0.90 0.00	40.15 -0.74 0.00	40.90 -0.67 0.00



N.E._GEN_SANDY PD 24062	27.97 1.35 19.98	36.00 1.31 6.40	37.77 1.24 0.00	36.51 1.20 0.00	38.11 1.18 0.00	41.45 1.36 0.00	51.87 1.71 0.00	55.00 1.86 0.00	54.00 1.98 0.00	54.10 2.08 0.00	53.31 2.05 0.00	50.17 1.93 0.00	46.42 1.74 0.00	45.97 1.68 0.00	45.20 1.65 0.00	43.86 1.65 0.00	58.00 2.29 0.04	68.00 2.36 0.00	66.24 2.36 0.00	64.06 2.40 0.00	61.98 2.33 0.00	44.44 1.79 0.00	42.53 1.64 0.00	43.19 1.66 0.04
NARROWS_GT1_1 24228	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT1_2 24229	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT1_3 24230	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT1_4 24231	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT1_5 24232	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT1_6 24233	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT1_7 24234	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT1_8 24235	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT1_GRP 23726	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT2_1 24236	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT2_2 24237	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT2_3 24238	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT2_4 24239	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT2_5 24240	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT2_6 24241	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21



NARROWS_GT2_7 24242	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT2_8 24243	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NARROWS_GT2_GRP 23741	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.98 3.68 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NEG CAPITAL___MECHNVIL 23645	47.58 0.98 0.00	42.12 1.03 0.00	37.48 0.95 0.00	36.23 0.92 0.00	37.85 0.92 0.00	41.29 1.20 0.00	51.87 1.71 0.00	54.95 1.81 0.00	54.00 1.98 0.00	54.10 2.08 0.00	53.31 2.05 0.00	50.12 1.88 0.00	46.38 1.70 0.00	45.75 1.46 0.00	45.03 1.48 0.00	43.69 1.48 0.00	57.87 2.12 0.00	68.00 2.36 0.00	66.18 2.30 0.00	64.06 2.40 0.00	61.92 2.27 0.00	44.44 1.79 0.00	42.36 1.47 0.00	42.98 1.41 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.08 -2.52 0.00	38.79 -2.30 0.00	34.12 -2.41 0.00	33.16 -2.15 0.00	34.60 -2.33 0.00	37.60 -2.49 0.00	47.20 -2.96 0.00	50.06 -3.08 0.00	48.95 -3.07 0.00	49.00 -3.02 0.00	48.29 -2.97 0.00	45.49 -2.75 0.00	42.09 -2.59 0.00	41.77 -2.52 0.00	40.98 -2.57 0.00	39.68 -2.53 0.00	52.54 -3.40 -0.19	62.03 -3.61 0.00	60.37 -3.51 0.00	58.21 -3.45 0.00	56.31 -3.34 0.00	40.56 -2.09 0.00	38.31 -2.58 0.00	38.85 -2.91 -0.19
NEG CENTRAL___DRP 24199	44.64 -1.96 0.00	39.12 -1.97 0.00	34.52 -2.01 0.00	33.54 -1.77 0.00	35.08 -1.85 0.00	38.13 -1.96 0.00	47.90 -2.26 0.00	50.85 -2.29 0.00	49.68 -2.34 0.00	49.73 -2.29 0.00	48.95 -2.31 0.00	46.12 -2.12 0.00	42.67 -2.01 0.00	42.39 -1.90 0.00	41.59 -1.96 0.00	40.27 -1.94 0.00	53.24 -2.56 -0.05	63.01 -2.63 0.00	61.26 -2.62 0.00	59.07 -2.59 0.00	57.09 -2.56 0.00	40.99 -1.66 0.00	38.85 -2.04 0.00	39.33 -2.29 -0.05
NEG CENTRAL___INDECK 23768	44.92 -1.68 0.00	39.41 -1.68 0.00	34.48 -2.05 0.00	33.69 -1.62 0.00	35.19 -1.74 0.00	38.29 -1.80 0.00	48.20 -1.96 0.00	51.33 -1.81 0.00	50.25 -1.77 0.00	50.30 -1.72 0.00	49.47 -1.79 0.00	46.65 -1.59 0.00	43.16 -1.52 0.00	42.87 -1.42 0.00	42.03 -1.52 0.00	40.69 -1.52 0.00	53.75 -2.12 -0.12	63.80 -1.84 0.00	61.96 -1.92 0.00	59.81 -1.85 0.00	57.74 -1.91 0.00	41.58 -1.07 0.00	38.89 -2.00 0.00	39.23 -2.45 -0.11
NEG CENTRAL___SENECA 23627	44.08 -2.52 0.00	38.54 -2.55 0.00	33.94 -2.59 0.00	33.05 -2.26 0.00	34.57 -2.36 0.00	37.56 -2.53 0.00	47.25 -2.91 0.00	50.16 -2.98 0.00	49.00 -3.02 0.00	49.05 -2.97 0.00	48.24 -3.02 0.00	45.49 -2.75 0.00	42.09 -2.59 0.00	41.77 -2.52 0.00	40.98 -2.57 0.00	39.72 -2.49 0.00	52.47 -3.34 -0.06	62.16 -3.48 0.00	60.37 -3.51 0.00	58.27 -3.39 0.00	56.25 -3.40 0.00	40.47 -2.18 0.00	38.15 -2.74 0.00	38.60 -3.03 -0.06
NEG CENTRAL___STATE_STREET 24147	44.55 -2.05 0.00	39.16 -1.93 0.00	34.63 -1.90 0.00	33.51 -1.80 0.00	35.05 -1.88 0.00	38.17 -1.92 0.00	48.10 -2.06 0.00	51.39 -1.75 0.00	50.30 -1.72 0.00	50.30 -1.72 0.00	49.57 -1.69 0.00	46.65 -1.59 0.00	43.16 -1.52 0.00	42.83 -1.46 0.00	42.07 -1.48 0.00	40.77 -1.44 0.00	53.97 -1.84 -0.06	63.93 -1.71 0.00	62.16 -1.72 0.00	59.93 -1.73 0.00	57.86 -1.79 0.00	41.41 -1.24 0.00	39.30 -1.59 0.00	39.76 -1.87 -0.06
NEG MILLWOOD___DRP 24198	49.35 2.75 0.00	43.60 2.51 0.00	38.98 2.45 0.00	37.64 2.33 0.00	39.29 2.36 0.00	42.66 2.57 0.00	53.37 3.21 0.00	63.30 3.93 -6.23	68.88 3.85 -13.01	79.04 3.95 -23.07	67.65 3.90 -12.49	68.93 3.67 -17.02	64.55 3.35 -16.52	62.62 3.32 -15.01	63.31 3.31 -16.45	68.11 3.25 -22.65	83.69 4.35 -23.59	114.55 4.73 -44.18	99.68 4.60 -31.20	89.60 4.75 -23.19	73.14 4.53 -8.96	55.29 3.33 -9.31	53.12 3.15 -9.08	47.86 3.08 -3.21
NEG NORTH_FLCN_SEA 23793	45.20 -1.40 0.00	40.02 -1.07 0.00	35.69 -0.84 0.00	34.25 -1.06 0.00	36.08 -0.85 0.00	39.17 -0.92 0.00	49.31 -0.85 0.00	52.08 -1.06 0.00	50.72 -1.30 0.00	50.56 -1.46 0.00	49.88 -1.38 0.00	46.89 -1.35 0.00	43.47 -1.21 0.00	43.05 -1.24 0.00	42.37 -1.18 0.00	41.03 -1.18 0.00	54.19 -1.56 0.00	63.93 -1.71 0.00	62.22 -1.66 0.00	59.87 -1.79 0.00	57.86 -1.79 0.00	41.16 -1.49 0.00	39.50 -1.39 0.00	40.28 -1.29 0.00
NEG NORTH_KES_CHATEGAY 23792	45.81 -0.79 0.00	40.51 -0.58 0.00	36.09 -0.44 0.00	34.71 -0.60 0.00	36.49 -0.44 0.00	39.65 -0.44 0.00	49.86 -0.30 0.00	52.66 -0.48 0.00	51.34 -0.68 0.00	51.19 -0.83 0.00	50.49 -0.77 0.00	47.47 -0.77 0.00	44.01 -0.67 0.00	43.63 -0.66 0.00	42.90 -0.65 0.00	41.58 -0.63 0.00	54.86 -0.89 0.00	64.72 -0.92 0.00	62.99 -0.89 0.00	60.61 -1.05 0.00	58.64 -1.01 0.00	41.58 -1.07 0.00	39.99 -0.90 0.00	40.74 -0.83 0.00
NEG NORTH___ALICE_FALLS 23915	45.57 -1.03 0.00	40.31 -0.78 0.00	35.98 -0.55 0.00	34.53 -0.78 0.00	36.38 -0.55 0.00	39.53 -0.56 0.00	49.76 -0.40 0.00	52.50 -0.64 0.00	51.14 -0.88 0.00	50.98 -1.04 0.00	50.29 -0.97 0.00	47.28 -0.96 0.00	43.83 -0.85 0.00	43.40 -0.89 0.00	42.72 -0.83 0.00	41.37 -0.84 0.00	54.64 -1.11 0.00	64.46 -1.18 0.00	62.73 -1.15 0.00	60.37 -1.29 0.00	58.34 -1.31 0.00	41.50 -1.15 0.00	39.83 -1.06 0.00	40.57 -1.00 0.00
NEG NORTH___LWR_SARANAC 23913	45.57 -1.03 0.00	40.31 -0.78 0.00	35.98 -0.55 0.00	34.53 -0.78 0.00	36.38 -0.55 0.00	39.53 -0.56 0.00	49.76 -0.40 0.00	52.50 -0.64 0.00	51.14 -0.88 0.00	50.98 -1.04 0.00	50.29 -0.97 0.00	47.28 -0.96 0.00	43.83 -0.85 0.00	43.40 -0.89 0.00	42.72 -0.83 0.00	41.37 -0.84 0.00	54.64 -1.11 0.00	64.46 -1.18 0.00	62.73 -1.15 0.00	60.37 -1.29 0.00	58.34 -1.31 0.00	41.50 -1.15 0.00	39.83 -1.06 0.00	40.57 -1.00 0.00
NEG NORTH___PLATTSBURG 23628	45.57 -1.03 0.00	40.31 -0.78 0.00	35.98 -0.55 0.00	34.53 -0.78 0.00	36.38 -0.55 0.00	39.53 -0.56 0.00	49.76 -0.40 0.00	52.50 -0.64 0.00	51.14 -0.88 0.00	50.98 -1.04 0.00	50.29 -0.97 0.00	47.28 -0.96 0.00	43.83 -0.85 0.00	43.40 -0.89 0.00	42.72 -0.83 0.00	41.37 -0.84 0.00	54.64 -1.11 0.00	64.46 -1.18 0.00	62.73 -1.15 0.00	60.37 -1.29 0.00	58.34 -1.31 0.00	41.50 -1.15 0.00	39.83 -1.06 0.00	40.57 -1.00 0.00
NEG WEST_LEA_LOCKPORT 23791	41.99 -4.61 0.00	36.53 -4.56 0.00	31.74 -4.79 0.00	31.14 -4.17 0.00	32.39 -4.54 0.00	35.20 -4.89 0.00	43.79 -6.37 0.00	46.39 -6.75 0.00	45.57 -6.45 0.00	45.52 -6.50 0.00	44.80 -6.46 0.00	42.50 -5.74 0.00	39.32 -5.36 0.00	39.06 -5.23 0.00	38.28 -5.27 0.00	37.06 -5.15 0.00	45.62 -7.41 2.72	57.11 -8.53 0.00	55.58 -8.30 0.00	53.58 -8.08 0.00	51.96 -7.69 0.00	37.87 -4.78 0.00	35.25 -5.64 0.00	32.71 -6.15 2.71



NEG WEST___LANCASTR 23811	41.89 -4.71 0.00	36.24 -4.85 0.00	31.60 -4.93 0.00	31.07 -4.24 0.00	32.50 -4.43 0.00	35.28 -4.81 0.00	44.29 -5.87 0.00	47.56 -5.58 0.00	46.25 -5.77 0.00	46.30 -5.72 0.00	45.37 -5.89 0.00	42.84 -5.40 0.00	39.68 -5.00 0.00	39.46 -4.83 0.00	38.67 -4.88 0.00	37.40 -4.81 0.00	46.85 -6.63 2.27	58.62 -7.02 0.00	56.92 -6.96 0.00	54.94 -6.72 0.00	53.03 -6.62 0.00	38.17 -4.48 0.00	35.53 -5.36 0.00	33.49 -5.82 2.26
NEG_PENN_ALLEGHNY 23528	45.34 -1.26 0.00	39.65 -1.44 0.00	35.11 -1.42 0.00	34.11 -1.20 0.00	35.71 -1.22 0.00	38.77 -1.32 0.00	48.71 -1.45 0.00	51.92 -1.22 0.00	50.72 -1.30 0.00	50.77 -1.25 0.00	49.93 -1.33 0.00	47.03 -1.21 0.00	43.56 -1.12 0.00	43.23 -1.06 0.00	42.46 -1.09 0.00	41.11 -1.10 0.00	54.06 -1.45 0.24	64.20 -1.44 0.00	62.41 -1.47 0.00	60.24 -1.42 0.00	58.16 -1.49 0.00	41.71 -0.94 0.00	39.62 -1.27 0.00	39.92 -1.41 0.24
NEG___GEN_MONROE 24207	44.50 -2.10 0.00	39.20 -1.89 0.00	34.30 -2.23 0.00	33.47 -1.84 0.00	34.90 -2.03 0.00	37.97 -2.12 0.00	47.70 -2.46 0.00	50.59 -2.55 0.00	49.57 -2.45 0.00	49.63 -2.39 0.00	48.90 -2.36 0.00	46.12 -2.12 0.00	42.67 -2.01 0.00	42.34 -1.95 0.00	41.55 -2.00 0.00	40.23 -1.98 0.00	53.24 -2.79 -0.28	62.82 -2.82 0.00	61.13 -2.75 0.00	58.95 -2.71 0.00	57.03 -2.62 0.00	41.16 -1.49 0.00	38.56 -2.33 0.00	39.06 -2.79 -0.28
NEPA___ENERGY 23901	41.43 -5.17 0.00	35.63 -5.46 0.00	31.16 -5.37 0.00	30.72 -4.59 0.00	32.24 -4.69 0.00	34.96 -5.13 0.00	44.09 -6.07 0.00	47.29 -5.85 0.00	45.78 -6.24 0.00	45.88 -6.14 0.00	44.90 -6.36 0.00	42.45 -5.79 0.00	39.36 -5.32 0.00	39.15 -5.14 0.00	38.32 -5.23 0.00	37.06 -5.15 0.00	46.92 -6.97 1.86	58.22 -7.42 0.00	56.47 -7.41 0.00	54.63 -7.03 0.00	52.49 -7.16 0.00	37.83 -4.82 0.00	35.25 -5.64 0.00	33.72 -5.99 1.86
NEVERSINK___HYD 23608	47.76 1.16 0.00	42.16 1.07 0.00	37.66 1.13 0.00	36.19 0.88 0.00	37.82 0.89 0.00	41.21 1.12 0.00	51.66 1.50 0.00	55.11 1.97 0.00	53.89 1.87 0.00	54.00 1.98 0.00	53.21 1.95 0.00	50.02 1.78 0.00	46.33 1.65 0.00	45.93 1.64 0.00	45.16 1.61 0.00	43.81 1.60 0.00	57.88 2.17 0.04	67.94 2.30 0.00	66.12 2.24 0.00	63.94 2.28 0.00	61.44 1.79 0.00	44.31 1.66 0.00	42.40 1.51 0.00	42.94 1.41 0.04
NIAGARA____ 23760	41.89 -4.71 0.00	36.37 -4.72 0.00	31.64 -4.89 0.00	31.00 -4.31 0.00	32.24 -4.69 0.00	35.00 -5.09 0.00	43.44 -6.72 0.00	45.91 -7.23 0.00	44.94 -7.08 0.00	44.89 -7.13 0.00	44.24 -7.02 0.00	41.73 -6.51 0.00	38.60 -6.08 0.00	38.36 -5.93 0.00	37.63 -5.92 0.00	36.43 -5.78 0.00	45.00 -8.03 2.72	56.52 -9.12 0.00	55.00 -8.88 0.00	53.03 -8.63 0.00	51.48 -8.17 0.00	37.57 -5.08 0.00	35.00 -5.89 0.00	32.54 -6.32 2.71
NINE_MILE_1 23575	45.48 -1.12 0.00	40.06 -1.03 0.00	35.51 -1.02 0.00	34.39 -0.92 0.00	35.93 -1.00 0.00	38.97 -1.12 0.00	48.71 -1.45 0.00	51.71 -1.43 0.00	50.56 -1.46 0.00	50.62 -1.40 0.00	49.88 -1.38 0.00	46.94 -1.30 0.00	43.43 -1.25 0.00	43.09 -1.20 0.00	42.33 -1.22 0.00	41.03 -1.18 0.00	54.19 -1.56 0.00	63.93 -1.71 0.00	62.22 -1.66 0.00	60.00 -1.66 0.00	58.04 -1.61 0.00	41.58 -1.07 0.00	39.79 -1.10 0.00	40.45 -1.12 0.00
NINE_MILE_2 23744	45.53 -1.07 0.00	40.06 -1.03 0.00	35.54 -0.99 0.00	34.39 -0.92 0.00	35.97 -0.96 0.00	38.97 -1.12 0.00	48.76 -1.40 0.00	51.71 -1.43 0.00	50.62 -1.40 0.00	50.62 -1.40 0.00	49.88 -1.38 0.00	46.94 -1.30 0.00	43.47 -1.21 0.00	43.09 -1.20 0.00	42.37 -1.18 0.00	41.07 -1.14 0.00	54.19 -1.56 0.00	63.93 -1.71 0.00	62.22 -1.66 0.00	60.06 -1.60 0.00	58.04 -1.61 0.00	41.63 -1.02 0.00	39.79 -1.10 0.00	40.45 -1.12 0.00
NM_CAPITAL___DRP 24208	47.81 1.21 0.00	42.28 1.19 0.00	37.66 1.13 0.00	36.40 1.09 0.00	38.04 1.11 0.00	41.41 1.32 0.00	51.82 1.66 0.00	55.00 1.86 0.00	53.94 1.92 0.00	54.05 2.03 0.00	53.26 2.00 0.00	50.07 1.83 0.00	46.38 1.70 0.00	45.88 1.59 0.00	45.16 1.61 0.00	43.81 1.60 0.00	57.98 2.23 0.00	68.07 2.43 0.00	66.24 2.36 0.00	64.06 2.40 0.00	61.98 2.33 0.00	44.40 1.75 0.00	42.44 1.55 0.00	43.11 1.54 0.00
NM_CENTRAL___DRP 24181	45.99 -0.61 0.00	40.43 -0.66 0.00	35.84 -0.69 0.00	34.71 -0.60 0.00	36.27 -0.66 0.00	39.37 -0.72 0.00	49.36 -0.80 0.00	52.40 -0.74 0.00	51.29 -0.73 0.00	51.34 -0.68 0.00	50.54 -0.72 0.00	47.56 -0.68 0.00	44.05 -0.63 0.00	43.71 -0.58 0.00	42.94 -0.61 0.00	41.62 -0.59 0.00	54.97 -0.78 0.00	64.92 -0.72 0.00	63.18 -0.70 0.00	60.98 -0.68 0.00	58.93 -0.72 0.00	42.22 -0.43 0.00	40.28 -0.61 0.00	40.90 -0.67 0.00
NM_FRONTIER___DRP 24179	42.08 -4.52 0.00	36.57 -4.52 0.00	31.74 -4.79 0.00	31.14 -4.17 0.00	32.39 -4.54 0.00	35.16 -4.93 0.00	43.69 -6.47 0.00	46.34 -6.80 0.00	45.31 -6.71 0.00	45.26 -6.76 0.00	44.55 -6.71 0.00	42.07 -6.17 0.00	38.92 -5.76 0.00	38.67 -5.62 0.00	37.89 -5.66 0.00	36.68 -5.53 0.00	45.36 -7.69 2.70	56.98 -8.66 0.00	55.45 -8.43 0.00	53.46 -8.20 0.00	51.90 -7.75 0.00	37.79 -4.86 0.00	35.21 -5.68 0.00	32.70 -6.19 2.68
NM_ST_REGIS___HYD 24053	46.27 -0.33 0.00	40.88 -0.21 0.00	36.46 -0.07 0.00	35.03 -0.28 0.00	36.86 -0.07 0.00	40.09 0.00 0.00	50.41 0.25 0.00	53.25 0.11 0.00	51.86 -0.16 0.00	51.71 -0.31 0.00	51.00 -0.26 0.00	47.56 -0.68 0.00	44.10 -0.58 0.00	43.71 -0.58 0.00	43.07 -0.48 0.00	41.70 -0.51 0.00	55.03 -0.72 0.00	64.98 -0.66 0.00	63.24 -0.64 0.00	60.86 -0.80 0.00	58.76 -0.89 0.00	41.75 -0.90 0.00	40.24 -0.65 0.00	40.90 -0.67 0.00
NORTHPORT___1 23551	48.28 1.68 0.00	42.94 1.85 0.00	38.76 2.23 0.00	37.68 2.37 0.00	39.04 2.11 0.00	42.09 2.00 0.00	52.27 2.11 0.00	62.19 2.82 -6.23	67.58 2.55 -13.01	77.90 2.81 -23.07	66.93 3.18 -12.49	68.25 2.99 -17.02	63.93 2.73 -16.52	61.91 2.61 -15.01	62.57 2.57 -16.45	66.46 1.60 -22.65	81.46 2.12 -23.59	112.97 3.15 -44.18	98.40 3.32 -31.20	87.69 2.84 -23.19	71.89 3.28 -8.96	54.60 2.64 -9.31	52.59 2.62 -9.08	47.94 3.16 -3.21
NORTHPORT___2 23552	48.32 1.72 0.00	42.98 1.89 0.00	38.79 2.26 0.00	37.71 2.40 0.00	39.07 2.14 0.00	42.13 2.04 0.00	52.22 2.06 0.00	62.08 2.71 -6.23	67.48 2.45 -13.01	77.85 2.76 -23.07	66.83 3.08 -12.49	68.20 2.94 -17.02	63.84 2.64 -16.52	61.82 2.52 -15.01	62.48 2.48 -16.45	66.46 1.60 -22.65	81.46 2.12 -23.59	112.97 3.15 -44.18	98.40 3.32 -31.20	87.69 2.84 -23.19	71.89 3.28 -8.96	54.60 2.64 -9.31	52.71 2.74 -9.08	47.98 3.20 -3.21
NORTHPORT___3 23553	48.65 2.05 0.00	43.19 2.10 0.00	39.16 2.63 0.00	38.06 2.75 0.00	39.44 2.51 0.00	42.34 2.25 0.00	52.72 2.56 0.00	62.66 3.29 -6.23	68.10 3.07 -13.01	78.47 3.38 -23.07	67.39 3.64 -12.49	68.73 3.47 -17.02	64.33 3.13 -16.52	62.31 3.01 -15.01	62.96 2.96 -16.45	67.18 2.32 -22.65	82.41 3.07 -23.59	114.02 4.20 -44.18	99.36 4.28 -31.20	88.67 3.82 -23.19	72.79 4.18 -8.96	55.16 3.20 -9.31	52.95 2.98 -9.08	48.23 3.45 -3.21
NORTHPORT___4 23650	48.51 1.91 0.00	43.06 1.97 0.00	39.12 2.59 0.00	37.99 2.68 0.00	39.37 2.44 0.00	42.17 2.08 0.00	52.52 2.36 0.00	62.45 3.08 -6.23	67.89 2.86 -13.01	78.21 3.12 -23.07	67.13 3.38 -12.49	68.49 3.23 -17.02	64.15 2.95 -16.52	62.13 2.83 -15.01	62.79 2.79 -16.45	67.01 2.15 -22.65	82.18 2.84 -23.59	113.69 3.87 -44.18	99.10 4.02 -31.20	88.43 3.58 -23.19	72.55 3.94 -8.96	54.95 2.99 -9.31	52.79 2.82 -9.08	48.11 3.33 -3.21



NORTHPORT___IC 23718	48.42 1.82 0.00	43.06 1.97 0.00	38.87 2.34 0.00	37.78 2.47 0.00	39.11 2.18 0.00	42.21 2.12 0.00	52.42 2.26 0.00	62.35 2.98 -6.23	67.74 2.71 -13.01	78.06 2.97 -23.07	67.08 3.33 -12.49	68.40 3.14 -17.02	64.06 2.86 -16.52	62.05 2.75 -15.01	62.70 2.70 -16.45	66.63 1.77 -22.65	81.68 2.34 -23.59	113.23 3.41 -44.18	98.66 3.58 -31.20	87.93 3.08 -23.19	72.19 3.58 -8.96	54.77 2.81 -9.31	52.79 2.82 -9.08	48.06 3.28 -3.21
NSINS_S_GLNS_FALLS 23858	46.74 0.14 0.00	41.42 0.33 0.00	36.82 0.29 0.00	35.56 0.25 0.00	37.19 0.26 0.00	40.65 0.56 0.00	51.21 1.05 0.00	54.20 1.06 0.00	53.32 1.30 0.00	53.48 1.46 0.00	52.70 1.44 0.00	49.54 1.30 0.00	45.80 1.12 0.00	44.69 0.40 0.00	43.99 0.44 0.00	42.67 0.46 0.00	56.70 0.95 0.00	66.56 0.92 0.00	64.84 0.96 0.00	62.77 1.11 0.00	60.66 1.01 0.00	43.89 1.24 0.00	41.75 0.86 0.00	42.28 0.71 0.00
NUCOR_STEEL___DRP 24197	44.55 -2.05 0.00	39.16 -1.93 0.00	34.63 -1.90 0.00	33.51 -1.80 0.00	35.05 -1.88 0.00	38.17 -1.92 0.00	48.10 -2.06 0.00	51.39 -1.75 0.00	50.30 -1.72 0.00	50.30 -1.72 0.00	49.57 -1.69 0.00	46.65 -1.59 0.00	43.16 -1.52 0.00	42.83 -1.46 0.00	42.07 -1.48 0.00	40.77 -1.44 0.00	53.97 -1.84 -0.06	63.93 -1.71 0.00	62.16 -1.72 0.00	59.93 -1.73 0.00	57.86 -1.79 0.00	41.41 -1.24 0.00	39.30 -1.59 0.00	39.76 -1.87 -0.06
NYISO_LBMP_REFERENCE 24008	46.60 0.00 0.00	41.09 0.00 0.00	36.53 0.00 0.00	35.31 0.00 0.00	36.93 0.00 0.00	40.09 0.00 0.00	50.16 0.00 0.00	53.14 0.00 0.00	52.02 0.00 0.00	52.02 0.00 0.00	51.26 0.00 0.00	48.24 0.00 0.00	44.68 0.00 0.00	44.29 0.00 0.00	43.55 0.00 0.00	42.21 0.00 0.00	55.75 0.00 0.00	65.64 0.00 0.00	63.88 0.00 0.00	61.66 0.00 0.00	59.65 0.00 0.00	42.65 0.00 0.00	40.89 0.00 0.00	41.57 0.00 0.00
NYPA_BRENTWD___GT 24164	48.84 2.24 0.00	43.43 2.34 0.00	39.16 2.63 0.00	38.06 2.75 0.00	39.44 2.51 0.00	42.58 2.49 0.00	53.07 2.91 0.00	63.04 3.67 -6.23	68.15 3.12 -13.01	78.58 3.49 -23.07	67.59 3.84 -12.49	68.88 3.62 -17.02	64.51 3.31 -16.52	62.49 3.19 -15.01	63.09 3.09 -16.45	66.93 2.07 -22.65	82.07 2.73 -23.59	113.82 4.00 -44.18	99.23 4.15 -31.20	88.49 3.64 -23.19	72.84 4.23 -8.96	55.37 3.41 -9.31	53.28 3.31 -9.08	48.48 3.70 -3.21
NYPA_GOWANUS___GT5 24156	49.95 3.35 0.00	44.17 3.08 0.00	39.53 3.00 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.94 4.57 -6.23	69.30 4.27 -13.01	79.46 4.37 -23.07	68.00 4.25 -12.49	69.22 3.96 -17.02	64.86 3.66 -16.52	62.93 3.63 -15.01	63.61 3.61 -16.45	68.57 3.71 -22.65	84.25 4.91 -23.59	114.94 5.12 -44.18	100.25 5.17 -31.20	89.97 5.12 -23.19	73.38 4.77 -8.96	55.67 3.71 -9.31	53.62 3.64 -9.09	48.35 3.57 -3.21
NYPA_GOWANUS___GT6 24157	49.95 3.35 0.00	44.17 3.08 0.00	39.53 3.00 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.94 4.57 -6.23	69.30 4.27 -13.01	79.46 4.37 -23.07	68.00 4.25 -12.49	69.22 3.96 -17.02	64.86 3.66 -16.52	62.93 3.63 -15.01	63.61 3.61 -16.45	68.57 3.71 -22.65	84.25 4.91 -23.59	114.94 5.12 -44.18	100.25 5.17 -31.20	89.97 5.12 -23.19	73.38 4.77 -8.96	55.67 3.71 -9.31	53.62 3.64 -9.09	48.35 3.57 -3.21
NYPA_HARLEM_RVR_GT1 24160	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.78 4.41 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.66 3.68 -9.09	48.60 3.82 -3.21
NYPA_HARLEM_RVR_GT2 24161	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.78 4.41 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.66 3.68 -9.09	48.60 3.82 -3.21
NYPA_KENT___GT 24152	49.95 3.35 0.00	44.17 3.08 0.00	39.49 2.96 0.00	38.17 2.86 0.00	39.81 2.88 0.00	43.26 3.17 0.00	53.97 3.81 0.00	63.83 4.46 -6.23	69.24 4.21 -13.01	79.41 4.32 -23.07	67.90 4.15 -12.49	69.17 3.91 -17.02	64.77 3.57 -16.52	62.84 3.54 -15.01	63.53 3.53 -16.45	68.49 3.63 -22.65	84.08 4.74 -23.59	114.87 5.05 -44.18	100.06 4.98 -31.20	89.84 4.99 -23.19	73.26 4.65 -8.96	55.63 3.67 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NYPA_POUCH1___GT 24155	49.95 3.35 0.00	44.21 3.12 0.00	39.56 3.03 0.00	38.21 2.90 0.00	39.85 2.92 0.00	43.26 3.17 0.00	54.07 3.91 0.00	63.99 4.62 -6.23	69.35 4.32 -13.01	79.51 4.42 -23.07	68.00 4.25 -12.49	69.26 4.00 -17.02	64.86 3.66 -16.52	62.93 3.63 -15.01	63.61 3.61 -16.45	68.62 3.76 -22.65	84.25 4.91 -23.59	115.01 5.19 -44.18	100.25 5.17 -31.20	90.03 5.18 -23.19	73.44 4.83 -8.96	55.71 3.75 -9.31	53.62 3.64 -9.09	48.40 3.62 -3.21
NYPA_VERNON___GT2 24162	49.91 3.31 0.00	44.13 3.04 0.00	39.45 2.92 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.36 3.50 -22.65	83.97 4.63 -23.59	114.81 4.99 -44.18	100.00 4.92 -31.20	89.72 4.87 -23.19	73.20 4.59 -8.96	55.54 3.58 -9.31	53.58 3.60 -9.09	48.40 3.62 -3.21
NYPA_VERNON___GT3 24163	49.91 3.31 0.00	44.13 3.04 0.00	39.45 2.92 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.36 3.50 -22.65	83.97 4.63 -23.59	114.81 4.99 -44.18	100.00 4.92 -31.20	89.72 4.87 -23.19	73.20 4.59 -8.96	55.54 3.58 -9.31	53.58 3.60 -9.09	48.40 3.62 -3.21
NYPA___HOLTSVILL 23794	48.51 1.91 0.00	43.23 2.14 0.00	38.98 2.45 0.00	37.85 2.54 0.00	39.18 2.25 0.00	42.25 2.16 0.00	52.72 2.56 0.00	62.66 3.29 -6.23	68.10 3.07 -13.01	78.47 3.38 -23.07	67.49 3.74 -12.49	68.83 3.57 -17.02	64.42 3.22 -16.52	62.40 3.10 -15.01	63.05 3.05 -16.45	66.97 2.11 -22.65	82.13 2.79 -23.59	113.89 4.07 -44.18	99.30 4.22 -31.20	88.55 3.70 -23.19	72.73 4.12 -8.96	55.20 3.24 -9.31	53.00 3.03 -9.08	48.19 3.41 -3.21
NYPA___HELLGATE_GT1 24158	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.78 4.41 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.66 3.68 -9.09	48.60 3.82 -3.21
NYPA___HELLGATE_GT2 24159	50.23 3.63 0.00	44.38 3.29 0.00	39.67 3.14 0.00	38.31 3.00 0.00	39.96 3.03 0.00	43.42 3.33 0.00	54.27 4.11 0.00	63.78 4.41 -6.23	68.93 3.90 -13.01	79.10 4.01 -23.07	67.65 3.90 -12.49	68.92 3.67 -17.01	64.55 3.35 -16.52	62.61 3.32 -15.00	63.30 3.31 -16.44	68.32 3.46 -22.65	83.80 4.46 -23.59	114.68 4.86 -44.18	99.74 4.66 -31.20	89.47 4.62 -23.19	73.08 4.47 -8.96	55.76 3.80 -9.31	53.66 3.68 -9.09	48.60 3.82 -3.21



O.H_GEN_BRUCE 24063	21.91 -4.71 19.98	30.01 -4.68 6.40	31.64 -4.89 0.00	31.00 -4.31 0.00	32.28 -4.65 0.00	35.00 -5.09 0.00	43.49 -6.67 0.00	46.02 -7.12 0.00	45.00 -7.02 0.00	45.00 -7.02 0.00	44.29 -6.97 0.00	41.78 -6.46 0.00	38.69 -5.99 0.00	38.40 -5.89 0.00	37.67 -5.88 0.00	36.47 -5.74 0.00	45.04 -7.97 2.74	56.58 -9.06 0.00	55.06 -8.82 0.00	53.09 -8.57 0.00	51.54 -8.11 0.00	37.62 -5.03 0.00	35.08 -5.81 0.00	32.57 -6.28 2.72
OAK ORCHARD___HYD 24046	44.22 -2.38 0.00	38.95 -2.14 0.00	34.16 -2.37 0.00	33.26 -2.05 0.00	34.71 -2.22 0.00	37.72 -2.37 0.00	47.35 -2.81 0.00	50.22 -2.92 0.00	49.16 -2.86 0.00	49.21 -2.81 0.00	48.49 -2.77 0.00	45.68 -2.56 0.00	42.27 -2.41 0.00	41.94 -2.35 0.00	41.15 -2.40 0.00	39.85 -2.36 0.00	52.80 -3.18 -0.23	62.29 -3.35 0.00	60.62 -3.26 0.00	58.45 -3.21 0.00	56.55 -3.10 0.00	40.82 -1.83 0.00	38.35 -2.54 0.00	38.89 -2.91 -0.23
OCC_CHEM___DRP 24175	42.08 -4.52 0.00	36.53 -4.56 0.00	31.74 -4.79 0.00	31.14 -4.17 0.00	32.39 -4.54 0.00	35.16 -4.93 0.00	43.64 -6.52 0.00	46.34 -6.80 0.00	45.31 -6.71 0.00	45.26 -6.76 0.00	44.55 -6.71 0.00	42.02 -6.22 0.00	38.92 -5.76 0.00	38.67 -5.62 0.00	37.89 -5.66 0.00	36.68 -5.53 0.00	45.37 -7.69 2.69	56.98 -8.66 0.00	55.45 -8.43 0.00	53.46 -8.20 0.00	51.90 -7.75 0.00	37.79 -4.86 0.00	35.21 -5.68 0.00	32.70 -6.19 2.68
OLIN_CORP_DRP 24177	42.03 -4.57 0.00	36.53 -4.56 0.00	31.74 -4.79 0.00	31.11 -4.20 0.00	32.39 -4.54 0.00	35.16 -4.93 0.00	43.69 -6.47 0.00	46.34 -6.80 0.00	45.31 -6.71 0.00	45.31 -6.71 0.00	44.60 -6.66 0.00	42.11 -6.13 0.00	38.96 -5.72 0.00	38.71 -5.58 0.00	37.93 -5.62 0.00	36.72 -5.49 0.00	45.45 -7.64 2.66	57.04 -8.60 0.00	55.51 -8.37 0.00	53.52 -8.14 0.00	51.90 -7.75 0.00	37.79 -4.86 0.00	35.21 -5.68 0.00	32.73 -6.19 2.65
ONONDAGA_REF_OCCRA 23987	45.95 -0.65 0.00	40.39 -0.70 0.00	35.80 -0.73 0.00	34.64 -0.67 0.00	36.23 -0.70 0.00	39.37 -0.72 0.00	49.36 -0.80 0.00	52.45 -0.69 0.00	51.34 -0.68 0.00	51.34 -0.68 0.00	50.59 -0.67 0.00	47.61 -0.63 0.00	44.05 -0.63 0.00	43.71 -0.58 0.00	42.98 -0.57 0.00	41.66 -0.55 0.00	55.03 -0.72 0.00	65.05 -0.59 0.00	63.24 -0.64 0.00	61.04 -0.62 0.00	58.99 -0.66 0.00	42.27 -0.38 0.00	40.32 -0.57 0.00	40.90 -0.67 0.00
ONONDAGA___COGEN 23986	46.04 -0.56 0.00	40.47 -0.62 0.00	35.87 -0.66 0.00	34.71 -0.60 0.00	36.30 -0.63 0.00	39.41 -0.68 0.00	49.31 -0.85 0.00	52.24 -0.90 0.00	51.14 -0.88 0.00	51.19 -0.83 0.00	50.39 -0.87 0.00	47.42 -0.82 0.00	43.88 -0.80 0.00	43.67 -0.62 0.00	42.90 -0.65 0.00	41.58 -0.63 0.00	54.90 -0.89 -0.04	64.72 -0.92 0.00	62.99 -0.89 0.00	60.74 -0.92 0.00	58.76 -0.89 0.00	42.18 -0.47 0.00	40.36 -0.53 0.00	40.99 -0.62 -0.04
OSWEGATCHIE___HYD 24044	46.27 -0.33 0.00	40.76 -0.33 0.00	36.27 -0.26 0.00	34.92 -0.39 0.00	36.67 -0.26 0.00	39.97 -0.12 0.00	50.31 0.15 0.00	53.30 0.16 0.00	52.07 0.05 0.00	52.02 0.00 0.00	51.26 0.00 0.00	47.90 -0.34 0.00	44.32 -0.36 0.00	43.98 -0.31 0.00	43.29 -0.26 0.00	41.96 -0.25 0.00	55.42 -0.33 0.00	65.57 -0.07 0.00	63.88 0.00 0.00	61.41 -0.25 0.00	59.29 -0.36 0.00	42.27 -0.38 0.00	40.52 -0.37 0.00	41.07 -0.50 0.00
OSWEGO___5 23606	45.67 -0.93 0.00	40.19 -0.90 0.00	35.62 -0.91 0.00	34.50 -0.81 0.00	36.08 -0.85 0.00	39.09 -1.00 0.00	48.91 -1.25 0.00	51.92 -1.22 0.00	50.82 -1.20 0.00	50.82 -1.20 0.00	50.08 -1.18 0.00	47.13 -1.11 0.00	43.61 -1.07 0.00	43.27 -1.02 0.00	42.55 -1.00 0.00	41.20 -1.01 0.00	54.41 -1.34 0.00	64.20 -1.44 0.00	62.47 -1.41 0.00	60.30 -1.36 0.00	58.28 -1.37 0.00	41.80 -0.85 0.00	39.95 -0.94 0.00	40.57 -1.00 0.00
OSWEGO___6 23613	45.67 -0.93 0.00	40.19 -0.90 0.00	35.62 -0.91 0.00	34.50 -0.81 0.00	36.08 -0.85 0.00	39.09 -1.00 0.00	48.91 -1.25 0.00	51.92 -1.22 0.00	50.82 -1.20 0.00	50.82 -1.20 0.00	50.08 -1.18 0.00	47.13 -1.11 0.00	43.61 -1.07 0.00	43.27 -1.02 0.00	42.55 -1.00 0.00	41.20 -1.01 0.00	54.41 -1.34 0.00	64.20 -1.44 0.00	62.47 -1.41 0.00	60.30 -1.36 0.00	58.28 -1.37 0.00	41.80 -0.85 0.00	39.95 -0.94 0.00	40.57 -1.00 0.00
OUTOKUMPU-AB___DRP 24206	42.31 -4.29 0.00	36.78 -4.31 0.00	32.00 -4.53 0.00	31.39 -3.92 0.00	32.68 -4.25 0.00	35.48 -4.61 0.00	44.19 -5.97 0.00	47.03 -6.11 0.00	45.99 -6.03 0.00	45.99 -6.03 0.00	45.21 -6.05 0.00	42.69 -5.55 0.00	39.50 -5.18 0.00	39.24 -5.05 0.00	38.45 -5.10 0.00	37.23 -4.98 0.00	46.13 -6.97 2.65	57.96 -7.68 0.00	56.34 -7.54 0.00	54.32 -7.34 0.00	52.67 -6.98 0.00	38.17 -4.48 0.00	35.49 -5.40 0.00	32.99 -5.94 2.64
OXBOW___ 24026	42.08 -4.52 0.00	36.57 -4.52 0.00	31.78 -4.75 0.00	31.18 -4.13 0.00	32.46 -4.47 0.00	35.24 -4.85 0.00	43.84 -6.32 0.00	46.55 -6.59 0.00	45.57 -6.45 0.00	45.57 -6.45 0.00	44.80 -6.46 0.00	42.31 -5.93 0.00	39.14 -5.54 0.00	38.89 -5.40 0.00	38.11 -5.44 0.00	36.89 -5.32 0.00	45.67 -7.41 2.67	57.37 -8.27 0.00	55.77 -8.11 0.00	53.77 -7.89 0.00	52.13 -7.52 0.00	37.92 -4.73 0.00	35.25 -5.64 0.00	32.76 -6.15 2.66
PEEKSKILL___ 23653	49.07 2.47 0.00	43.39 2.30 0.00	38.79 2.26 0.00	37.46 2.15 0.00	39.07 2.14 0.00	42.46 2.37 0.00	53.02 2.86 0.00	62.82 3.45 -6.23	68.46 3.43 -13.01	78.63 3.54 -23.07	67.24 3.49 -12.49	68.54 3.28 -17.02	64.19 2.99 -16.52	62.27 2.97 -15.01	62.92 2.92 -16.45	67.77 2.91 -22.65	83.24 3.90 -23.59	114.02 4.20 -44.18	99.17 4.09 -31.20	88.98 4.13 -23.19	72.61 4.00 -8.96	54.95 2.99 -9.31	52.83 2.86 -9.08	47.61 2.83 -3.21
PGE MADISON___WINDPWR 24146	45.95 -0.65 0.00	40.23 -0.86 0.00	35.58 -0.95 0.00	34.50 -0.81 0.00	36.12 -0.81 0.00	39.41 -0.68 0.00	49.96 -0.20 0.00	53.62 0.48 0.00	52.49 0.47 0.00	52.59 0.57 0.00	51.77 0.51 0.00	48.72 0.48 0.00	45.04 0.36 0.00	44.69 0.40 0.00	43.90 0.35 0.00	42.51 0.30 0.00	56.26 0.61 0.10	67.02 1.38 0.00	65.16 1.28 0.00	62.77 1.11 0.00	60.43 0.78 0.00	43.20 0.55 0.00	40.77 -0.12 0.00	41.01 -0.46 0.10
PJM_GEN_KEystone 24065	22.01 -4.61 19.98	20.00 -4.85 16.24	17.00 -4.79 14.74	17.00 -4.10 14.21	17.00 -4.17 15.76	22.90 -4.57 12.62	44.84 -5.32 0.00	48.04 -5.10 0.00	43.77 -5.41 2.84	43.13 -5.31 3.58	41.00 -5.54 4.72	38.00 -5.02 5.22	36.00 -4.65 4.03	36.01 -4.47 3.81	32.95 -4.53 6.07	33.23 -4.47 4.51	43.00 -6.08 6.67	55.44 -6.43 3.77	55.00 -6.45 2.43	44.00 -6.10 11.56	38.01 -6.20 15.44	30.00 -4.18 8.47	25.00 -4.91 10.98	22.00 -5.24 14.33
PLEASANTVLY___LBMP 24000	48.79 2.19 0.00	43.10 2.01 0.00	38.54 2.01 0.00	37.22 1.91 0.00	38.81 1.88 0.00	42.17 2.08 0.00	52.67 2.51 0.00	56.12 2.98 0.00	54.99 2.97 0.00	55.09 3.07 0.00	54.28 3.02 0.00	51.09 2.85 0.00	47.27 2.59 0.00	46.86 2.57 0.00	46.08 2.53 0.00	44.74 2.53 0.00	59.05 3.34 0.04	69.32 3.68 0.00	67.46 3.58 0.00	65.24 3.58 0.00	63.11 3.46 0.00	45.25 2.60 0.00	43.38 2.49 0.00	44.02 2.49 0.04
POLETTI___ 23519	49.40 2.80 0.00	43.80 2.71 0.00	39.20 2.67 0.00	37.89 2.58 0.00	39.52 2.59 0.00	42.86 2.77 0.00	53.37 3.21 0.00	63.25 3.88 -6.23	68.83 3.80 -13.01	78.94 3.85 -23.07	67.54 3.79 -12.49	68.83 3.57 -17.02	64.46 3.26 -16.52	62.53 3.23 -15.01	63.22 3.22 -16.45	68.11 3.25 -22.65	83.58 4.24 -23.59	114.41 4.59 -44.18	99.49 4.41 -31.20	89.29 4.44 -23.19	72.90 4.29 -8.96	55.24 3.28 -9.31	53.12 3.15 -9.08	48.02 3.24 -3.21



PORT_JEFF_3 23555	48.42 1.82 0.00	43.27 2.18 0.00	39.05 2.52 0.00	37.92 2.61 0.00	39.15 2.22 0.00	42.13 2.04 0.00	52.62 2.46 0.00	62.56 3.19 -6.23	68.00 2.97 -13.01	78.42 3.33 -23.07	67.44 3.69 -12.49	68.78 3.52 -17.02	64.37 3.17 -16.52	62.36 3.06 -15.01	63.00 3.00 -16.45	66.89 2.03 -22.65	81.90 2.56 -23.59	113.69 3.87 -44.18	99.17 4.09 -31.20	88.36 3.51 -23.19	72.55 3.94 -8.96	55.16 3.20 -9.31	52.91 2.94 -9.08	48.11 3.33 -3.21
PORT_JEFF_4 23616	48.18 1.58 0.00	43.23 2.14 0.00	38.98 2.45 0.00	37.89 2.58 0.00	38.96 2.03 0.00	41.93 1.84 0.00	52.32 2.16 0.00	62.24 2.87 -6.23	67.68 2.65 -13.01	78.11 3.02 -23.07	67.13 3.38 -12.49	68.49 3.23 -17.02	64.10 2.90 -16.52	62.09 2.79 -15.01	62.74 2.74 -16.45	66.63 1.77 -22.65	81.57 2.23 -23.59	113.30 3.48 -44.18	98.78 3.70 -31.20	87.99 3.14 -23.19	72.19 3.58 -8.96	54.90 2.94 -9.31	52.67 2.70 -9.08	47.90 3.12 -3.21
PORT_JEFF_IC 23713	48.46 1.86 0.00	43.31 2.22 0.00	39.05 2.52 0.00	37.96 2.65 0.00	39.18 2.25 0.00	42.21 2.12 0.00	52.72 2.56 0.00	62.66 3.29 -6.23	68.10 3.07 -13.01	78.52 3.43 -23.07	67.59 3.84 -12.49	68.88 3.62 -17.02	64.51 3.31 -16.52	62.49 3.19 -15.01	63.09 3.09 -16.45	66.89 2.03 -22.65	81.85 2.51 -23.59	113.63 3.81 -44.18	99.10 4.02 -31.20	88.30 3.45 -23.19	72.49 3.88 -8.96	55.29 3.33 -9.31	53.00 3.03 -9.08	48.15 3.37 -3.21
PPL PILGRIM_ST_GT1 24216	48.84 2.24 0.00	43.43 2.34 0.00	39.16 2.63 0.00	38.06 2.75 0.00	39.44 2.51 0.00	42.58 2.49 0.00	53.07 2.91 0.00	63.04 3.67 -6.23	67.79 2.76 -13.01	78.16 3.07 -23.07	67.18 3.43 -12.49	68.54 3.28 -17.02	64.15 2.95 -16.52	62.13 2.83 -15.01	62.79 2.79 -16.45	66.59 1.73 -22.65	81.63 2.29 -23.59	113.30 3.48 -44.18	98.78 3.70 -31.20	87.99 3.14 -23.19	72.43 3.82 -8.96	55.03 3.07 -9.31	53.28 3.31 -9.08	48.48 3.70 -3.21
PPL PILGRIM_ST_GT2 24217	48.84 2.24 0.00	43.43 2.34 0.00	39.16 2.63 0.00	38.06 2.75 0.00	39.44 2.51 0.00	42.58 2.49 0.00	53.07 2.91 0.00	63.04 3.67 -6.23	67.79 2.76 -13.01	78.16 3.07 -23.07	67.18 3.43 -12.49	68.54 3.28 -17.02	64.15 2.95 -16.52	62.13 2.83 -15.01	62.79 2.79 -16.45	66.59 1.73 -22.65	81.68 2.34 -23.59	113.36 3.54 -44.18	98.78 3.70 -31.20	87.99 3.14 -23.19	72.43 3.82 -8.96	55.37 3.41 -9.31	53.28 3.31 -9.08	48.48 3.70 -3.21
PPL_SHRM_GT3 24213	48.70 2.10 0.00	43.43 2.34 0.00	39.16 2.63 0.00	38.06 2.75 0.00	39.37 2.44 0.00	42.46 2.37 0.00	53.07 2.91 0.00	63.09 3.72 -6.23	68.57 3.54 -13.01	78.99 3.90 -23.07	68.06 4.31 -12.49	69.36 4.10 -17.02	64.91 3.71 -16.52	62.89 3.59 -15.01	63.48 3.48 -16.45	67.39 2.53 -22.65	82.68 3.34 -23.59	114.68 4.86 -44.18	100.13 5.05 -31.20	89.29 4.44 -23.19	73.44 4.83 -8.96	55.67 3.71 -9.31	53.28 3.31 -9.08	48.44 3.66 -3.21
PPL_SHRM_GT4 24214	48.70 2.10 0.00	43.43 2.34 0.00	39.16 2.63 0.00	38.06 2.75 0.00	39.37 2.44 0.00	42.46 2.37 0.00	53.07 2.91 0.00	63.09 3.72 -6.23	68.57 3.54 -13.01	78.99 3.90 -23.07	68.06 4.31 -12.49	69.36 4.10 -17.02	64.91 3.71 -16.52	62.89 3.59 -15.01	63.48 3.48 -16.45	67.39 2.53 -22.65	82.68 3.34 -23.59	114.68 4.86 -44.18	100.13 5.05 -31.20	89.29 4.44 -23.19	73.44 4.83 -8.96	55.67 3.71 -9.31	53.28 3.31 -9.08	48.44 3.66 -3.21
PROJECT___ORANGE 23990	45.99 -0.61 0.00	40.43 -0.66 0.00	35.80 -0.73 0.00	34.67 -0.64 0.00	36.27 -0.66 0.00	39.37 -0.72 0.00	49.31 -0.85 0.00	52.40 -0.74 0.00	51.29 -0.73 0.00	51.29 -0.73 0.00	50.54 -0.72 0.00	47.56 -0.68 0.00	44.01 -0.67 0.00	43.67 -0.62 0.00	42.90 -0.65 0.00	41.58 -0.63 0.00	54.97 -0.78 0.00	64.92 -0.72 0.00	63.18 -0.70 0.00	60.92 -0.74 0.00	58.87 -0.78 0.00	42.22 -0.43 0.00	40.28 -0.61 0.00	40.86 -0.71 0.00
PROJECT___ORANGE 1 24174	45.99 -0.61 0.00	40.43 -0.66 0.00	35.80 -0.73 0.00	34.67 -0.64 0.00	36.27 -0.66 0.00	39.37 -0.72 0.00	49.31 -0.85 0.00	52.40 -0.74 0.00	51.29 -0.73 0.00	51.29 -0.73 0.00	50.54 -0.72 0.00	47.56 -0.68 0.00	44.01 -0.67 0.00	43.67 -0.62 0.00	42.90 -0.65 0.00	41.58 -0.63 0.00	54.97 -0.78 0.00	64.92 -0.72 0.00	63.18 -0.70 0.00	60.92 -0.74 0.00	58.87 -0.78 0.00	42.22 -0.43 0.00	40.28 -0.61 0.00	40.86 -0.71 0.00
PROJECT___ORANGE 2 24166	45.99 -0.61 0.00	40.43 -0.66 0.00	35.80 -0.73 0.00	34.67 -0.64 0.00	36.27 -0.66 0.00	39.37 -0.72 0.00	49.31 -0.85 0.00	52.40 -0.74 0.00	51.29 -0.73 0.00	51.29 -0.73 0.00	50.54 -0.72 0.00	47.56 -0.68 0.00	44.01 -0.67 0.00	43.67 -0.62 0.00	42.90 -0.65 0.00	41.58 -0.63 0.00	54.97 -0.78 0.00	64.92 -0.72 0.00	63.18 -0.70 0.00	60.92 -0.74 0.00	58.87 -0.78 0.00	42.22 -0.43 0.00	40.28 -0.61 0.00	40.86 -0.71 0.00
PYRITES___HYD 24023	46.74 0.14 0.00	41.30 0.21 0.00	36.79 0.26 0.00	35.35 0.04 0.00	37.19 0.26 0.00	40.53 0.44 0.00	50.76 0.60 0.00	53.46 0.32 0.00	52.12 0.10 0.00	51.97 -0.05 0.00	51.21 -0.05 0.00	47.81 -0.43 0.00	44.28 -0.40 0.00	43.89 -0.40 0.00	43.38 -0.17 0.00	42.04 -0.17 0.00	55.25 -0.50 0.00	65.38 -0.26 0.00	63.62 -0.26 0.00	61.17 -0.49 0.00	59.11 -0.54 0.00	42.10 -0.55 0.00	40.73 -0.16 0.00	41.36 -0.21 0.00
RANKINE____ 23646	42.22 -4.38 0.00	36.69 -4.40 0.00	31.96 -4.57 0.00	31.39 -3.92 0.00	32.72 -4.21 0.00	35.52 -4.57 0.00	44.29 -5.87 0.00	47.35 -5.79 0.00	46.14 -5.88 0.00	46.19 -5.83 0.00	45.31 -5.95 0.00	42.79 -5.45 0.00	39.59 -5.09 0.00	39.37 -4.92 0.00	38.59 -4.96 0.00	37.31 -4.90 0.00	46.43 -6.80 2.52	58.29 -7.35 0.00	56.66 -7.22 0.00	54.69 -6.97 0.00	52.91 -6.74 0.00	38.26 -4.39 0.00	35.62 -5.27 0.00	33.28 -5.78 2.51
RAVENS GT4-7____ 23728	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWD GT2____ 23730	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWD GT3____ 23733	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT2_1 24244	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21



RAVENSWOOD_GT2_2 24245	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT2_3 24246	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT2_4 24247	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT3_1 24248	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT3_2 24249	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT3_3 24250	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT3_4 24251	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT_1 23729	49.91 3.31 0.00	44.13 3.04 0.00	39.45 2.92 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.36 3.50 -22.65	83.97 4.63 -23.59	114.81 4.99 -44.18	100.00 4.92 -31.20	89.72 4.87 -23.19	73.20 4.59 -8.96	55.54 3.58 -9.31	53.58 3.60 -9.09	48.40 3.62 -3.21
RAVENSWOOD_GT_10 24258	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT_11 24259	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT_4 24252	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT_5 24254	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT_6 24253	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT_7 24255	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVENSWOOD_GT_9 24257	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21



RAVENSWOOD___1 23533	49.91 3.31 0.00	44.13 3.04 0.00	39.45 2.92 0.00	38.13 2.82 0.00	39.77 2.84 0.00	43.22 3.13 0.00	53.92 3.76 0.00	63.67 4.30 -6.23	69.09 4.06 -13.01	79.25 4.16 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.73 3.53 -16.52	62.75 3.45 -15.01	63.44 3.44 -16.45	68.36 3.50 -22.65	83.97 4.63 -23.59	114.81 4.99 -44.18	100.00 4.92 -31.20	89.72 4.87 -23.19	73.20 4.59 -8.96	55.54 3.58 -9.31	53.58 3.60 -9.09	48.40 3.62 -3.21
RAVENSWOOD___2 23534	49.86 3.26 0.00	44.09 3.00 0.00	39.42 2.89 0.00	38.10 2.79 0.00	39.74 2.81 0.00	43.18 3.09 0.00	53.77 3.61 0.00	63.36 3.99 -6.23	68.83 3.80 -13.01	78.99 3.90 -23.07	67.54 3.79 -12.49	68.78 3.52 -17.02	64.46 3.26 -16.52	62.53 3.23 -15.01	63.22 3.22 -16.45	68.15 3.29 -22.65	83.63 4.29 -23.59	114.41 4.59 -44.18	99.62 4.54 -31.20	89.35 4.50 -23.19	72.84 4.23 -8.96	55.37 3.41 -9.31	53.50 3.52 -9.09	48.40 3.62 -3.21
RAVENSWOOD___3 23535	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RAVNSWD 8-11____ 23667	49.63 3.03 0.00	43.88 2.79 0.00	39.23 2.70 0.00	37.92 2.61 0.00	39.55 2.62 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.68 3.48 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.74 4.92 -44.18	99.87 4.79 -31.20	89.60 4.75 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.15 3.37 -3.21
RCPL_TRUST___DRP 24196	49.58 2.98 0.00	43.84 2.75 0.00	39.23 2.70 0.00	37.89 2.58 0.00	39.52 2.59 0.00	42.94 2.85 0.00	53.57 3.41 0.00	63.46 4.09 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.80 4.05 -12.49	69.07 3.81 -17.02	64.68 3.48 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	68.28 3.42 -22.65	83.86 4.52 -23.59	114.81 4.99 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.20 4.59 -8.96	55.41 3.45 -9.31	53.28 3.31 -9.08	48.11 3.33 -3.21
RENSSELAER___COGEN 23796	47.72 1.12 0.00	42.20 1.11 0.00	37.66 1.13 0.00	36.40 1.09 0.00	38.00 1.07 0.00	41.37 1.28 0.00	51.71 1.55 0.00	54.89 1.75 0.00	53.84 1.82 0.00	53.94 1.92 0.00	53.16 1.90 0.00	49.98 1.74 0.00	46.29 1.61 0.00	45.80 1.51 0.00	45.07 1.52 0.00	43.73 1.52 0.00	57.87 2.12 0.00	67.87 2.23 0.00	66.12 2.24 0.00	63.88 2.22 0.00	61.80 2.15 0.00	44.27 1.62 0.00	42.44 1.55 0.00	43.11 1.54 0.00
REVERE_CPPR_DRP 24186	47.21 0.61 0.00	41.50 0.41 0.00	36.86 0.33 0.00	35.59 0.28 0.00	37.30 0.37 0.00	40.61 0.52 0.00	50.81 0.65 0.00	54.10 0.96 0.00	52.90 0.88 0.00	52.96 0.94 0.00	52.13 0.87 0.00	49.06 0.82 0.00	45.39 0.71 0.00	45.00 0.71 0.00	44.25 0.70 0.00	42.89 0.68 0.00	56.81 1.06 0.00	67.22 1.58 0.00	65.41 1.53 0.00	63.02 1.36 0.00	60.90 1.25 0.00	43.80 1.15 0.00	41.75 0.86 0.00	42.28 0.71 0.00
ROCHESTER_9_IC 23652	44.46 -2.14 0.00	39.28 -1.81 0.00	34.45 -2.08 0.00	33.54 -1.77 0.00	35.01 -1.92 0.00	38.05 -2.04 0.00	47.90 -2.26 0.00	50.80 -2.34 0.00	49.78 -2.24 0.00	49.78 -2.24 0.00	49.06 -2.20 0.00	46.26 -1.98 0.00	42.80 -1.88 0.00	42.47 -1.82 0.00	41.63 -1.92 0.00	40.31 -1.90 0.00	53.47 -2.51 -0.23	63.21 -2.43 0.00	61.45 -2.43 0.00	59.26 -2.40 0.00	57.26 -2.39 0.00	41.29 -1.36 0.00	38.76 -2.13 0.00	39.26 -2.54 -0.23
ROSETON___1 23587	48.60 2.00 0.00	42.94 1.85 0.00	38.36 1.83 0.00	37.08 1.77 0.00	38.67 1.74 0.00	41.97 1.88 0.00	52.27 2.11 0.00	55.74 2.60 0.00	54.57 2.55 0.00	54.67 2.65 0.00	53.87 2.61 0.00	50.70 2.46 0.00	46.96 2.28 0.00	46.50 2.21 0.00	45.77 2.22 0.00	44.45 2.24 0.00	58.66 2.95 0.04	68.79 3.15 0.00	66.95 3.07 0.00	64.74 3.08 0.00	62.63 2.98 0.00	44.95 2.30 0.00	43.18 2.29 0.00	43.90 2.37 0.04
ROSETON___2 23588	48.65 2.05 0.00	42.98 1.89 0.00	38.39 1.86 0.00	37.11 1.80 0.00	38.70 1.77 0.00	42.01 1.92 0.00	52.42 2.26 0.00	55.90 2.76 0.00	54.73 2.71 0.00	54.83 2.81 0.00	54.03 2.77 0.00	50.85 2.61 0.00	47.09 2.41 0.00	46.64 2.35 0.00	45.90 2.35 0.00	44.57 2.36 0.00	58.83 3.12 0.04	68.99 3.35 0.00	67.14 3.26 0.00	64.93 3.27 0.00	62.81 3.16 0.00	45.04 2.39 0.00	43.22 2.33 0.00	43.90 2.37 0.04
RUSSELL___STATION 23914	43.66 -2.94 0.00	38.71 -2.38 0.00	33.94 -2.59 0.00	33.05 -2.26 0.00	34.49 -2.44 0.00	37.52 -2.57 0.00	47.30 -2.86 0.00	50.22 -2.92 0.00	49.16 -2.86 0.00	49.21 -2.81 0.00	48.54 -2.72 0.00	45.73 -2.51 0.00	42.31 -2.37 0.00	41.94 -2.35 0.00	41.15 -2.40 0.00	39.85 -2.36 0.00	52.86 -3.12 -0.23	62.49 -3.15 0.00	60.81 -3.07 0.00	58.58 -3.08 0.00	56.67 -2.98 0.00	40.77 -1.88 0.00	38.31 -2.58 0.00	38.77 -3.03 -0.23
S SALMON___HYD 24043	45.99 -0.61 0.00	40.47 -0.62 0.00	35.87 -0.66 0.00	34.67 -0.64 0.00	36.30 -0.63 0.00	39.45 -0.64 0.00	49.51 -0.65 0.00	52.61 -0.53 0.00	51.50 -0.52 0.00	51.55 -0.47 0.00	50.75 -0.51 0.00	47.76 -0.48 0.00	44.14 -0.54 0.00	43.85 -0.44 0.00	43.07 -0.48 0.00	41.75 -0.46 0.00	55.19 -0.56 0.00	65.31 -0.33 0.00	63.56 -0.32 0.00	61.23 -0.43 0.00	59.17 -0.48 0.00	42.31 -0.34 0.00	40.44 -0.45 0.00	40.99 -0.58 0.00
SELKIRK___II 23799	47.07 0.47 0.00	41.58 0.49 0.00	37.08 0.55 0.00	35.80 0.49 0.00	37.41 0.48 0.00	40.69 0.60 0.00	50.86 0.70 0.00	53.99 0.85 0.00	52.90 0.88 0.00	53.01 0.99 0.00	52.23 0.97 0.00	49.16 0.92 0.00	45.48 0.80 0.00	45.04 0.75 0.00	44.33 0.78 0.00	43.01 0.80 0.00	56.86 1.11 0.00	66.69 1.05 0.00	64.90 1.02 0.00	62.77 1.11 0.00	60.72 1.07 0.00	43.55 0.90 0.00	41.67 0.78 0.00	42.36 0.79 0.00
SELKIRK___I 23801	47.44 0.84 0.00	41.91 0.82 0.00	37.33 0.80 0.00	36.09 0.78 0.00	37.71 0.78 0.00	40.97 0.88 0.00	51.06 0.90 0.00	54.26 1.12 0.00	53.22 1.20 0.00	53.27 1.25 0.00	52.49 1.23 0.00	49.40 1.16 0.00	45.71 1.03 0.00	45.31 1.02 0.00	44.55 1.00 0.00	43.22 1.01 0.00	57.14 1.39 0.00	67.02 1.38 0.00	65.29 1.41 0.00	63.08 1.42 0.00	61.02 1.37 0.00	43.76 1.11 0.00	41.87 0.98 0.00	42.53 0.96 0.00
SENECA OSWGO___HYD 24041	45.90 -0.70 0.00	40.35 -0.74 0.00	35.76 -0.77 0.00	34.64 -0.67 0.00	36.19 -0.74 0.00	39.29 -0.80 0.00	49.21 -0.95 0.00	52.24 -0.90 0.00	51.14 -0.88 0.00	51.19 -0.83 0.00	50.39 -0.87 0.00	47.42 -0.82 0.00	43.92 -0.76 0.00	43.58 -0.71 0.00	42.81 -0.74 0.00	41.49 -0.72 0.00	54.80 -0.95 0.00	64.72 -0.92 0.00	62.99 -0.89 0.00	60.80 -0.86 0.00	58.76 -0.89 0.00	42.05 -0.60 0.00	40.19 -0.70 0.00	40.82 -0.75 0.00
SENECA___ENERGY 23797	44.64 -1.96 0.00	39.12 -1.97 0.00	34.52 -2.01 0.00	33.54 -1.77 0.00	35.08 -1.85 0.00	38.13 -1.96 0.00	47.95 -2.21 0.00	50.91 -2.23 0.00	49.73 -2.29 0.00	49.78 -2.24 0.00	49.00 -2.26 0.00	46.17 -2.07 0.00	42.71 -1.97 0.00	42.39 -1.90 0.00	41.63 -1.92 0.00	40.31 -1.90 0.00	53.29 -2.51 -0.05	63.08 -2.56 0.00	61.32 -2.56 0.00	59.19 -2.47 0.00	57.14 -2.51 0.00	41.03 -1.62 0.00	38.85 -2.04 0.00	39.38 -2.24 -0.05



SHOEMAKER___GT 23640	48.28 1.68 0.00	42.61 1.52 0.00	38.10 1.57 0.00	36.79 1.48 0.00	38.41 1.48 0.00	41.69 1.60 0.00	52.07 1.91 0.00	55.53 2.39 0.00	54.36 2.34 0.00	54.41 2.39 0.00	53.62 2.36 0.00	50.46 2.22 0.00	46.74 2.06 0.00	46.28 1.99 0.00	45.55 2.00 0.00	44.24 2.03 0.00	58.39 2.68 0.04	68.53 2.89 0.00	66.69 2.81 0.00	64.50 2.84 0.00	62.39 2.74 0.00	44.70 2.05 0.00	42.85 1.96 0.00	43.48 1.95 0.04
SHOREHAM_IC_1 23715	48.70 2.10 0.00	43.43 2.34 0.00	39.16 2.63 0.00	38.06 2.75 0.00	39.37 2.44 0.00	42.46 2.37 0.00	53.07 2.91 0.00	63.09 3.72 -6.23	68.57 3.54 -13.01	78.99 3.90 -23.07	68.06 4.31 -12.49	69.36 4.10 -17.02	64.91 3.71 -16.52	62.89 3.59 -15.01	63.48 3.48 -16.45	67.39 2.53 -22.65	82.68 3.34 -23.59	114.68 4.86 -44.18	100.13 5.05 -31.20	89.29 4.44 -23.19	73.44 4.83 -8.96	55.67 3.71 -9.31	53.28 3.31 -9.08	48.44 3.66 -3.21
SHOREHAM_IC_2 23716	48.70 2.10 0.00	43.43 2.34 0.00	39.16 2.63 0.00	38.06 2.75 0.00	39.37 2.44 0.00	42.46 2.37 0.00	53.07 2.91 0.00	63.09 3.72 -6.23	68.57 3.54 -13.01	78.99 3.90 -23.07	68.06 4.31 -12.49	69.36 4.10 -17.02	64.91 3.71 -16.52	62.89 3.59 -15.01	63.48 3.48 -16.45	67.39 2.53 -22.65	82.68 3.34 -23.59	114.68 4.86 -44.18	100.13 5.05 -31.20	89.29 4.44 -23.19	73.44 4.83 -8.96	55.67 3.71 -9.31	53.28 3.31 -9.08	48.44 3.66 -3.21
SITHE_IND_GS1 24169	45.53 -1.07 0.00	40.06 -1.03 0.00	35.54 -0.99 0.00	34.39 -0.92 0.00	35.97 -0.96 0.00	38.93 -1.16 0.00	48.71 -1.45 0.00	51.65 -1.49 0.00	50.56 -1.46 0.00	50.56 -1.46 0.00	49.82 -1.44 0.00	46.89 -1.35 0.00	43.43 -1.25 0.00	43.09 -1.20 0.00	42.33 -1.22 0.00	41.03 -1.18 0.00	54.19 -1.56 0.00	63.93 -1.71 0.00	62.16 -1.72 0.00	60.00 -1.66 0.00	58.04 -1.61 0.00	41.58 -1.07 0.00	39.75 -1.14 0.00	40.45 -1.12 0.00
SITHE_IND_GS2 24170	45.53 -1.07 0.00	40.06 -1.03 0.00	35.54 -0.99 0.00	34.39 -0.92 0.00	35.97 -0.96 0.00	38.93 -1.16 0.00	48.71 -1.45 0.00	51.65 -1.49 0.00	50.56 -1.46 0.00	50.56 -1.46 0.00	49.82 -1.44 0.00	46.89 -1.35 0.00	43.43 -1.25 0.00	43.09 -1.20 0.00	42.33 -1.22 0.00	41.03 -1.18 0.00	54.19 -1.56 0.00	63.93 -1.71 0.00	62.16 -1.72 0.00	60.00 -1.66 0.00	58.04 -1.61 0.00	41.58 -1.07 0.00	39.75 -1.14 0.00	40.45 -1.12 0.00
SITHE_IND_GS3 24171	45.53 -1.07 0.00	40.06 -1.03 0.00	35.54 -0.99 0.00	34.39 -0.92 0.00	35.97 -0.96 0.00	38.93 -1.16 0.00	48.71 -1.45 0.00	51.65 -1.49 0.00	50.56 -1.46 0.00	50.56 -1.46 0.00	49.82 -1.44 0.00	46.89 -1.35 0.00	43.43 -1.25 0.00	43.09 -1.20 0.00	42.33 -1.22 0.00	41.03 -1.18 0.00	54.19 -1.56 0.00	63.93 -1.71 0.00	62.16 -1.72 0.00	60.00 -1.66 0.00	58.04 -1.61 0.00	41.58 -1.07 0.00	39.75 -1.14 0.00	40.45 -1.12 0.00
SITHE_IND_GS4 24172	45.53 -1.07 0.00	40.06 -1.03 0.00	35.54 -0.99 0.00	34.39 -0.92 0.00	35.97 -0.96 0.00	38.93 -1.16 0.00	48.71 -1.45 0.00	51.65 -1.49 0.00	50.56 -1.46 0.00	50.56 -1.46 0.00	49.82 -1.44 0.00	46.89 -1.35 0.00	43.43 -1.25 0.00	43.09 -1.20 0.00	42.33 -1.22 0.00	41.03 -1.18 0.00	54.19 -1.56 0.00	63.93 -1.71 0.00	62.16 -1.72 0.00	60.00 -1.66 0.00	58.04 -1.61 0.00	41.58 -1.07 0.00	39.75 -1.14 0.00	40.45 -1.12 0.00
SITHE___BATAVIA 24024	43.62 -2.98 0.00	38.21 -2.88 0.00	33.28 -3.25 0.00	32.59 -2.72 0.00	33.98 -2.95 0.00	36.92 -3.17 0.00	46.20 -3.96 0.00	49.05 -4.09 0.00	48.12 -3.90 0.00	48.12 -3.90 0.00	47.36 -3.90 0.00	44.77 -3.47 0.00	41.42 -3.26 0.00	41.15 -3.14 0.00	40.33 -3.22 0.00	39.04 -3.17 0.00	51.58 -4.57 -0.40	60.72 -4.92 0.00	59.09 -4.79 0.00	56.91 -4.75 0.00	55.12 -4.53 0.00	39.96 -2.69 0.00	37.25 -3.64 0.00	37.76 -4.20 -0.39
SITHE___INDEPEND 23800	45.53 -1.07 0.00	40.06 -1.03 0.00	35.54 -0.99 0.00	34.39 -0.92 0.00	35.97 -0.96 0.00	38.93 -1.16 0.00	48.71 -1.45 0.00	51.65 -1.49 0.00	50.56 -1.46 0.00	50.56 -1.46 0.00	49.82 -1.44 0.00	46.89 -1.35 0.00	43.43 -1.25 0.00	43.09 -1.20 0.00	42.33 -1.22 0.00	41.03 -1.18 0.00	54.19 -1.56 0.00	63.93 -1.71 0.00	62.16 -1.72 0.00	60.00 -1.66 0.00	58.04 -1.61 0.00	41.58 -1.07 0.00	39.75 -1.14 0.00	40.45 -1.12 0.00
SITHE___MASSENA 23902	46.41 -0.19 0.00	41.05 -0.04 0.00	36.57 0.04 0.00	35.17 -0.14 0.00	36.97 0.04 0.00	40.17 0.08 0.00	50.46 0.30 0.00	53.19 0.05 0.00	51.92 -0.10 0.00	51.76 -0.26 0.00	51.05 -0.21 0.00	47.95 -0.29 0.00	44.46 -0.22 0.00	44.02 -0.27 0.00	43.38 -0.17 0.00	42.00 -0.21 0.00	55.42 -0.33 0.00	65.38 -0.26 0.00	63.62 -0.26 0.00	61.23 -0.43 0.00	59.23 -0.42 0.00	42.05 -0.60 0.00	40.52 -0.37 0.00	41.24 -0.33 0.00
SITHE___OGDNSBRG 24021	46.97 0.37 0.00	41.46 0.37 0.00	36.97 0.44 0.00	35.52 0.21 0.00	37.41 0.48 0.00	40.73 0.64 0.00	50.11 -0.05 0.00	52.13 -1.01 0.00	50.82 -1.20 0.00	50.67 -1.35 0.00	49.98 -1.28 0.00	46.84 -1.40 0.00	43.38 -1.30 0.00	43.01 -1.28 0.00	42.94 -0.61 0.00	41.58 -0.63 0.00	54.13 -1.62 0.00	64.00 -1.64 0.00	62.28 -1.60 0.00	59.93 -1.73 0.00	57.92 -1.73 0.00	41.63 -1.02 0.00	41.05 0.16 0.00	41.69 0.12 0.00
SITHE___STERLING 23777	46.93 0.33 0.00	41.30 0.21 0.00	36.64 0.11 0.00	35.42 0.11 0.00	37.04 0.11 0.00	40.33 0.24 0.00	50.31 0.15 0.00	53.46 0.32 0.00	52.33 0.31 0.00	52.38 0.36 0.00	51.57 0.31 0.00	48.53 0.29 0.00	44.90 0.22 0.00	44.56 0.27 0.00	43.77 0.22 0.00	42.42 0.21 0.00	56.14 0.39 0.00	66.43 0.79 0.00	64.58 0.70 0.00	62.28 0.62 0.00	60.19 0.54 0.00	43.42 0.77 0.00	41.38 0.49 0.00	41.94 0.37 0.00
SOUTH CAIRO___GT 23612	48.23 1.63 0.00	42.61 1.52 0.00	38.06 1.53 0.00	36.72 1.41 0.00	38.33 1.40 0.00	41.69 1.60 0.00	52.27 2.11 0.00	55.64 2.50 0.00	54.47 2.45 0.00	54.57 2.55 0.00	53.82 2.56 0.00	50.60 2.36 0.00	46.82 2.14 0.00	46.42 2.13 0.00	45.64 2.09 0.00	44.28 2.07 0.00	58.55 2.84 0.04	68.66 3.02 0.00	66.82 2.94 0.00	64.68 3.02 0.00	62.57 2.92 0.00	44.78 2.13 0.00	42.85 1.96 0.00	43.40 1.87 0.04
SOUTH HAMPTN___IC 23720	49.58 2.98 0.00	44.13 3.04 0.00	39.74 3.21 0.00	38.59 3.28 0.00	40.00 3.07 0.00	43.18 3.09 0.00	54.27 4.11 0.00	64.47 5.10 -6.23	69.97 4.94 -13.01	80.45 5.36 -23.07	69.54 5.79 -12.49	70.76 5.50 -17.02	66.20 5.00 -16.52	64.17 4.87 -15.01	64.79 4.79 -16.45	68.57 3.71 -22.65	84.36 5.02 -23.59	116.91 7.09 -44.18	102.36 7.28 -31.20	91.32 6.47 -23.19	75.41 6.80 -8.96	56.99 5.03 -9.31	54.26 4.29 -9.08	49.27 4.49 -3.21
SOUTHOLD___IC 23719	49.95 3.35 0.00	44.42 3.33 0.00	40.00 3.47 0.00	38.84 3.53 0.00	40.25 3.32 0.00	43.46 3.37 0.00	54.72 4.56 0.00	65.00 5.63 -6.23	70.49 5.46 -13.01	81.02 5.93 -23.07	70.16 6.41 -12.49	71.34 6.08 -17.02	66.74 5.54 -16.52	64.66 5.36 -15.01	65.27 5.27 -16.45	69.04 4.18 -22.65	85.03 5.69 -23.59	117.76 7.94 -44.18	103.19 8.11 -31.20	92.06 7.21 -23.19	76.13 7.52 -8.96	57.46 5.50 -9.31	54.63 4.66 -9.08	49.60 4.82 -3.21
ST LAWRENCE____ 23600	46.18 -0.42 0.00	40.80 -0.29 0.00	36.31 -0.22 0.00	34.99 -0.32 0.00	36.71 -0.22 0.00	39.89 -0.20 0.00	50.11 -0.05 0.00	52.87 -0.27 0.00	51.66 -0.36 0.00	51.55 -0.47 0.00	50.80 -0.46 0.00	47.76 -0.48 0.00	44.28 -0.40 0.00	43.89 -0.40 0.00	43.20 -0.35 0.00	41.83 -0.38 0.00	55.19 -0.56 0.00	65.05 -0.59 0.00	63.37 -0.51 0.00	61.04 -0.62 0.00	59.05 -0.60 0.00	41.84 -0.81 0.00	40.32 -0.57 0.00	41.03 -0.54 0.00



STATION 5_MISC_HYD 23604	43.38 -3.22 0.00	38.95 -2.14 0.00	34.16 -2.37 0.00	33.23 -2.08 0.00	34.71 -2.22 0.00	37.84 -2.25 0.00	48.05 -2.11 0.00	51.07 -2.07 0.00	50.25 -1.77 0.00	50.30 -1.72 0.00	49.62 -1.64 0.00	46.74 -1.50 0.00	43.21 -1.47 0.00	42.87 -1.42 0.00	42.03 -1.52 0.00	40.69 -1.52 0.00	54.06 -1.90 -0.21	64.13 -1.51 0.00	62.35 -1.53 0.00	60.06 -1.60 0.00	57.98 -1.67 0.00	41.63 -1.02 0.00	38.89 -2.00 0.00	39.16 -2.62 -0.21
STURGEON_POOL_HYD 23609	48.60 2.00 0.00	43.06 1.97 0.00	38.54 2.01 0.00	37.15 1.84 0.00	38.78 1.85 0.00	42.09 2.00 0.00	52.72 2.56 0.00	56.28 3.14 0.00	55.04 3.02 0.00	55.19 3.17 0.00	54.39 3.13 0.00	51.18 2.94 0.00	47.36 2.68 0.00	46.95 2.66 0.00	46.16 2.61 0.00	44.83 2.62 0.00	59.22 3.51 0.04	69.38 3.74 0.00	67.52 3.64 0.00	65.17 3.51 0.00	62.99 3.34 0.00	45.29 2.64 0.00	43.38 2.49 0.00	43.94 2.41 0.04
SYRACUSE___POWER 24017	45.95 -0.65 0.00	40.39 -0.70 0.00	35.80 -0.73 0.00	34.64 -0.67 0.00	36.23 -0.70 0.00	39.37 -0.72 0.00	49.36 -0.80 0.00	52.45 -0.69 0.00	51.34 -0.68 0.00	51.34 -0.68 0.00	50.59 -0.67 0.00	47.61 -0.63 0.00	44.05 -0.63 0.00	43.71 -0.58 0.00	42.98 -0.57 0.00	41.66 -0.55 0.00	55.03 -0.72 0.00	65.05 -0.59 0.00	63.24 -0.64 0.00	61.04 -0.62 0.00	58.99 -0.66 0.00	42.27 -0.38 0.00	40.32 -0.57 0.00	40.90 -0.67 0.00
Stony___Brook 24151	48.46 1.86 0.00	43.31 2.22 0.00	39.05 2.52 0.00	37.96 2.65 0.00	39.18 2.25 0.00	42.21 2.12 0.00	52.72 2.56 0.00	62.66 3.29 -6.23	68.10 3.07 -13.01	78.52 3.43 -23.07	67.59 3.84 -12.49	68.88 3.62 -17.02	64.51 3.31 -16.52	62.49 3.19 -15.01	63.09 3.09 -16.45	66.89 2.03 -22.65	81.85 2.51 -23.59	113.63 3.81 -44.18	99.10 4.02 -31.20	88.30 3.45 -23.19	72.49 3.88 -8.96	55.29 3.33 -9.31	53.00 3.03 -9.08	48.15 3.37 -3.21
UPPER HUDSON___HYD 24058	46.41 -0.19 0.00	41.13 0.04 0.00	36.57 0.04 0.00	35.31 0.00 0.00	36.89 -0.04 0.00	40.37 0.28 0.00	50.91 0.75 0.00	53.88 0.74 0.00	53.01 0.99 0.00	53.16 1.14 0.00	52.34 1.08 0.00	49.20 0.96 0.00	45.53 0.85 0.00	44.56 0.27 0.00	43.90 0.35 0.00	42.55 0.34 0.00	56.59 0.84 0.00	66.49 0.85 0.00	64.71 0.83 0.00	62.65 0.99 0.00	60.49 0.84 0.00	43.63 0.98 0.00	41.46 0.57 0.00	41.99 0.42 0.00
UPPER RAQUET___HYD 24056	46.27 -0.33 0.00	40.88 -0.21 0.00	36.42 -0.11 0.00	34.99 -0.32 0.00	36.82 -0.11 0.00	40.09 0.00 0.00	50.41 0.25 0.00	53.19 0.05 0.00	51.81 -0.21 0.00	51.71 -0.31 0.00	50.95 -0.31 0.00	47.47 -0.77 0.00	43.97 -0.71 0.00	43.58 -0.71 0.00	42.98 -0.57 0.00	41.62 -0.59 0.00	54.86 -0.89 0.00	64.85 -0.79 0.00	63.11 -0.77 0.00	60.74 -0.92 0.00	58.64 -1.01 0.00	41.71 -0.94 0.00	40.19 -0.70 0.00	40.86 -0.71 0.00
VISCHER___FERRY HYD 24020	47.53 0.93 0.00	42.03 0.94 0.00	37.44 0.91 0.00	36.16 0.85 0.00	37.78 0.85 0.00	41.17 1.08 0.00	51.61 1.45 0.00	54.68 1.54 0.00	53.68 1.66 0.00	53.79 1.77 0.00	53.00 1.74 0.00	49.88 1.64 0.00	46.15 1.47 0.00	45.62 1.33 0.00	44.86 1.31 0.00	43.52 1.31 0.00	57.65 1.90 0.00	67.61 1.97 0.00	65.86 1.98 0.00	63.69 2.03 0.00	61.62 1.97 0.00	44.19 1.54 0.00	42.20 1.31 0.00	42.90 1.33 0.00
WADING RIVER_1-3_GRP5 24038	48.60 2.00 0.00	43.35 2.26 0.00	39.12 2.59 0.00	37.99 2.68 0.00	39.29 2.36 0.00	42.42 2.33 0.00	52.97 2.81 0.00	62.98 3.61 -6.23	68.41 3.38 -13.01	78.84 3.75 -23.07	67.90 4.15 -12.49	69.22 3.96 -17.02	64.77 3.57 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	67.27 2.41 -22.65	82.52 3.18 -23.59	114.48 4.66 -44.18	99.93 4.85 -31.20	89.04 4.19 -23.19	73.26 4.65 -8.96	55.54 3.58 -9.31	53.20 3.23 -9.08	48.35 3.57 -3.21
WADING RIVER_IC_1 23522	48.60 2.00 0.00	43.35 2.26 0.00	39.12 2.59 0.00	37.99 2.68 0.00	39.29 2.36 0.00	42.42 2.33 0.00	52.97 2.81 0.00	62.98 3.61 -6.23	68.41 3.38 -13.01	78.84 3.75 -23.07	67.90 4.15 -12.49	69.22 3.96 -17.02	64.77 3.57 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	67.27 2.41 -22.65	82.52 3.18 -23.59	114.48 4.66 -44.18	99.93 4.85 -31.20	89.04 4.19 -23.19	73.26 4.65 -8.96	55.54 3.58 -9.31	53.20 3.23 -9.08	48.35 3.57 -3.21
WADING RIVER_IC_2 23547	48.60 2.00 0.00	43.35 2.26 0.00	39.12 2.59 0.00	37.99 2.68 0.00	39.29 2.36 0.00	42.42 2.33 0.00	52.97 2.81 0.00	62.98 3.61 -6.23	68.41 3.38 -13.01	78.84 3.75 -23.07	67.90 4.15 -12.49	69.22 3.96 -17.02	64.77 3.57 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	67.27 2.41 -22.65	82.52 3.18 -23.59	114.48 4.66 -44.18	99.93 4.85 -31.20	89.04 4.19 -23.19	73.26 4.65 -8.96	55.54 3.58 -9.31	53.20 3.23 -9.08	48.35 3.57 -3.21
WADING RIVER_IC_3 23601	48.60 2.00 0.00	43.35 2.26 0.00	39.12 2.59 0.00	37.99 2.68 0.00	39.29 2.36 0.00	42.42 2.33 0.00	52.97 2.81 0.00	62.98 3.61 -6.23	68.41 3.38 -13.01	78.84 3.75 -23.07	67.90 4.15 -12.49	69.22 3.96 -17.02	64.77 3.57 -16.52	62.75 3.45 -15.01	63.40 3.40 -16.45	67.27 2.41 -22.65	82.52 3.18 -23.59	114.48 4.66 -44.18	99.93 4.85 -31.20	89.04 4.19 -23.19	73.26 4.65 -8.96	55.54 3.58 -9.31	53.20 3.23 -9.08	48.35 3.57 -3.21
WALDEN___HYDRO 24148	48.70 2.10 0.00	43.02 1.93 0.00	38.50 1.97 0.00	37.15 1.84 0.00	38.78 1.85 0.00	42.09 2.00 0.00	52.67 2.51 0.00	56.22 3.08 0.00	54.99 2.97 0.00	55.14 3.12 0.00	54.34 3.08 0.00	51.09 2.85 0.00	47.32 2.64 0.00	46.86 2.57 0.00	46.12 2.57 0.00	44.78 2.57 0.00	59.11 3.40 0.04	69.32 3.68 0.00	67.46 3.58 0.00	65.30 3.64 0.00	63.17 3.52 0.00	45.25 2.60 0.00	43.34 2.45 0.00	43.94 2.41 0.04
WATERSIDE___6 8 9 23538	49.91 3.31 0.00	44.13 3.04 0.00	39.45 2.92 0.00	38.10 2.79 0.00	39.74 2.81 0.00	43.18 3.09 0.00	53.82 3.66 0.00	63.62 4.25 -6.23	69.04 4.01 -13.01	79.20 4.11 -23.07	67.75 4.00 -12.49	69.02 3.76 -17.02	64.64 3.44 -16.52	62.71 3.41 -15.01	63.40 3.40 -16.45	68.32 3.46 -22.65	83.91 4.57 -23.59	114.74 4.92 -44.18	99.93 4.85 -31.20	89.66 4.81 -23.19	73.20 4.59 -8.96	55.54 3.58 -9.31	53.54 3.56 -9.09	48.35 3.57 -3.21
WEST BABYLON___IC 23714	49.30 2.70 0.00	43.76 2.67 0.00	39.45 2.92 0.00	38.31 3.00 0.00	39.74 2.81 0.00	42.98 2.89 0.00	53.62 3.46 0.00	63.62 4.25 -6.23	68.98 3.95 -13.01	79.30 4.21 -23.07	68.31 4.56 -12.49	69.60 4.34 -17.02	65.13 3.93 -16.52	63.11 3.81 -15.01	63.75 3.75 -16.45	67.77 2.91 -22.65	83.19 3.85 -23.59	115.07 5.25 -44.18	100.45 5.37 -31.20	89.66 4.81 -23.19	73.86 5.25 -8.96	55.93 3.97 -9.31	53.65 3.68 -9.08	48.81 4.03 -3.21
WEST CANADA___HYD 24049	46.69 0.09 0.00	41.17 0.08 0.00	36.60 0.07 0.00	35.38 0.07 0.00	37.00 0.07 0.00	40.17 0.08 0.00	50.26 0.10 0.00	53.30 0.16 0.00	52.18 0.16 0.00	52.18 0.16 0.00	51.41 0.15 0.00	48.38 0.14 0.00	44.81 0.13 0.00	44.42 0.13 0.00	43.68 0.13 0.00	42.34 0.13 0.00	55.92 0.17 0.00	65.84 0.20 0.00	64.07 0.19 0.00	61.84 0.18 0.00	59.83 0.18 0.00	42.86 0.21 0.00	41.05 0.16 0.00	41.74 0.17 0.00
WESTERN_NY_WIND 24143	43.57 -3.03 0.00	38.13 -2.96 0.00	33.24 -3.29 0.00	32.52 -2.79 0.00	33.90 -3.03 0.00	36.84 -3.25 0.00	46.10 -4.06 0.00	48.94 -4.20 0.00	48.01 -4.01 0.00	48.01 -4.01 0.00	47.26 -4.00 0.00	44.67 -3.57 0.00	41.33 -3.35 0.00	41.06 -3.23 0.00	40.24 -3.31 0.00	38.96 -3.25 0.00	51.48 -4.68 -0.41	60.59 -5.05 0.00	58.90 -4.98 0.00	56.79 -4.87 0.00	55.00 -4.65 0.00	39.88 -2.77 0.00	37.17 -3.72 0.00	37.70 -4.28 -0.41



YORK____WARBASSE 23770	49.95	44.21	39.56	38.21	39.85	43.26	54.07	63.99	69.35	79.51	68.00	69.26	64.86	62.98	63.61	68.62	84.25	115.01	100.25	90.03	73.44	55.71	53.62	48.40
	3.35	3.12	3.03	2.90	2.92	3.17	3.91	4.62	4.32	4.42	4.25	4.00	3.66	3.68	3.61	3.76	4.91	5.19	5.17	5.18	4.83	3.75	3.64	3.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.23	-13.01	-23.07	-12.49	-17.02	-16.52	-15.01	-16.45	-22.65	-23.59	-44.18	-31.20	-23.19	-8.96	-9.31	-9.09	-3.21