

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/15/2007

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	55.13	47.78	46.93	43.29	41.07	37.23	39.05	44.15	50.84	59.09	69.08	71.59	74.24	80.46	82.34	83.35	84.72	84.72	80.87	76.94	79.56	75.75	72.43	68.45
24138	4.46	3.62	3.44	3.21	3.04	2.69	2.96	3.65	4.50	5.18	6.32	6.75	7.42	7.48	7.40	7.45	7.51	7.58	7.54	7.61	7.48	7.43	5.25	4.58
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07	-1.38	0.07	0.01	-5.60	-7.69	-7.55	-9.57	-8.89	-6.01	-1.94	-4.70	-0.17	-13.61	-12.43
74TH STREET_GT_1	55.23	47.86	47.01	43.33	41.11	37.26	39.09	44.19	50.88	59.14	69.24	71.59	74.24	80.46	82.34	83.42	84.72	84.79	80.94	77.08	79.70	75.90	73.47	69.40
24260	4.56	3.71	3.52	3.25	3.08	2.73	3.00	3.69	4.55	5.24	6.38	6.75	7.42	7.48	7.40	7.52	7.51	7.64	7.61	7.75	7.61	7.56	5.36	4.68
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07	-1.48	0.07	0.01	-5.60	-7.69	-7.55	-9.57	-8.89	-6.01	-1.94	-4.70	-0.19	-14.54	-13.28
74TH STREET_GT_2	55.23	47.86	47.01	43.33	41.11	37.26	39.09	44.19	50.88	59.14	69.24	71.59	74.24	80.46	82.34	83.42	84.72	84.79	80.94	77.08	79.70	75.90	73.47	69.40
24261	4.56	3.71	3.52	3.25	3.08	2.73	3.00	3.69	4.55	5.24	6.38	6.75	7.42	7.48	7.40	7.52	7.51	7.64	7.61	7.75	7.61	7.56	5.36	4.68
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07	-1.48	0.07	0.01	-5.60	-7.69	-7.55	-9.57	-8.89	-6.01	-1.94	-4.70	-0.19	-14.54	-13.28
ADK HUDSON___FALLS	53.25	46.28	45.75	42.29	40.12	36.40	37.86	42.69	48.47	55.65	63.28	66.53	68.91	69.27	68.97	70.09	69.73	70.92	70.25	70.31	70.28	70.74	56.04	54.01
24011	2.58	2.12	2.26	2.20	2.09	1.86	1.77	2.19	2.09	1.67	1.90	1.62	2.07	1.42	1.08	1.09	1.29	1.91	2.42	2.76	2.49	2.59	2.46	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.65	-0.64	-0.81	-0.75	-0.51	-0.16	-0.40	0.00	0.00	0.00
ADK RESOURCE___RCVRY	53.25	46.28	45.75	42.29	40.12	36.40	37.86	42.69	48.47	55.65	63.28	66.53	68.91	69.27	68.97	70.09	69.73	70.92	70.25	70.31	70.28	70.74	56.04	54.01
23798	2.58	2.12	2.26	2.20	2.09	1.86	1.77	2.19	2.09	1.67	1.90	1.62	2.07	1.42	1.08	1.09	1.29	1.91	2.42	2.76	2.49	2.59	2.46	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.65	-0.64	-0.81	-0.75	-0.51	-0.16	-0.40	0.00	0.00	0.00
ADK S GLENS___FALLS	53.25	46.28	45.75	42.29	40.12	36.40	37.86	42.69	48.47	55.65	63.28	66.53	68.91	69.27	68.97	70.09	69.73	70.92	70.25	70.31	70.28	70.74	56.04	54.01
24028	2.58	2.12	2.26	2.20	2.09	1.86	1.77	2.19	2.09	1.67	1.90	1.62	2.07	1.42	1.08	1.09	1.29	1.91	2.42	2.76	2.49	2.59	2.46	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.65	-0.64	-0.81	-0.75	-0.51	-0.16	-0.40	0.00	0.00	0.00
ADK_NYS___DAM	53.81	46.76	46.40	42.97	40.80	36.95	38.40	43.26	49.13	56.73	64.47	67.97	70.30	70.92	70.86	71.86	71.39	72.10	70.96	70.94	71.00	70.96	56.09	54.26
23527	3.14	2.61	2.91	2.89	2.78	2.42	2.31	2.75	2.78	2.81	3.13	3.12	3.48	2.96	2.82	2.73	2.77	2.93	3.03	3.37	3.17	2.86	2.52	2.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.04	0.05	0.01	-0.57	-0.79	-0.77	-0.98	-0.91	-0.62	-0.19	-0.45	0.05	0.00	0.00
AIR_PRODUCTS___DRP	52.69	45.83	45.36	41.93	39.36	35.67	37.21	41.84	47.46	54.89	62.57	66.09	68.43	68.66	68.32	69.38	68.78	69.41	68.53	68.79	68.62	69.33	54.65	52.46
24190	2.03	1.68	1.87	1.84	1.33	1.14	1.12	1.34	1.11	0.97	1.23	1.23	1.60	1.28	1.08	1.03	1.15	1.16	1.21	1.42	1.28	1.23	1.07	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.04	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.00	0.00
ALBANY___1	52.69	45.83	45.36	41.93	39.36	35.67	37.21	41.84	47.46	54.89	62.57	66.09	68.43	68.66	68.32	69.38	68.78	69.41	68.53	68.79	68.62	69.33	54.65	52.46
23571	2.03	1.68	1.87	1.84	1.33	1.14	1.12	1.34	1.11	0.97	1.23	1.23	1.60	1.28	1.08	1.03	1.15	1.16	1.21	1.42	1.28	1.23	1.07	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.04	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.00	0.00
ALBANY___2	52.69	45.83	45.36	41.93	39.36	35.67	37.21	41.84	47.46	54.89	62.57	66.09	68.43	68.66	68.32	69.38	68.78	69.41	68.53	68.79	68.62	69.33	54.65	52.46
23572	2.03	1.68	1.87	1.84	1.33	1.14	1.12	1.34	1.11	0.97	1.23	1.23	1.60	1.28	1.08	1.03	1.15	1.16	1.21	1.42	1.28	1.23	1.07	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.04	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.00	0.00
ALBANY___3	52.69	45.83	45.36	41.93	39.36	35.67	37.21	41.84	47.46	54.89	62.57	66.09	68.43	68.66	68.32	69.38	68.78	69.41	68.53	68.79	68.62	69.33	54.65	52.46
23573	2.03	1.68	1.87	1.84	1.33	1.14	1.12	1.34	1.11	0.97	1.23	1.23	1.60	1.28	1.08	1.03	1.15	1.16	1.21	1.42	1.28	1.23	1.07	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.04	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.00	0.00
ALBANY___4	52.69	45.83	45.36	41.93	39.36	35.67	37.21	41.84	47.46	54.89	62.57	66.09	68.43	68.66	68.32	69.38	68.78	69.41	68.53	68.79	68.62	69.33	54.65	52.46
23574	2.03	1.68	1.87	1.84	1.33	1.14	1.12	1.34	1.11	0.97	1.23	1.23	1.60	1.28	1.08	1.03	1.15	1.16	1.21	1.42	1.28	1.23	1.07	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.04	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.00	0.00



ALCOA_RYNLDS___DRP 24188	50.16 -0.51 0.00	43.85 -0.31 0.00	43.10 -0.39 0.00	39.73 -0.36 0.00	37.72 -0.30 0.00	34.26 -0.28 0.00	35.77 -0.32 0.00	40.50 0.00 0.00	45.97 -0.42 0.00	53.60 -0.38 0.00	60.77 -0.61 0.00	64.19 -0.71 0.00	65.77 -1.07 0.00	66.58 -0.81 0.00	66.64 -0.61 0.00	67.81 -0.55 0.00	66.96 -0.68 0.00	67.64 -0.61 0.00	66.51 -0.81 0.00	66.44 -0.94 0.00	66.44 -0.94 0.00	67.26 -0.89 0.00	53.09 -0.48 0.00	51.13 -0.31 0.00
ALLEGHENY___COGEN 23514	48.08 -2.58 0.00	41.73 -2.43 0.00	40.62 -2.87 0.00	37.32 -2.77 0.00	35.59 -2.43 0.00	32.57 -1.97 0.00	34.22 -1.88 0.00	36.86 -3.65 0.00	39.75 -2.92 3.71	45.61 -3.29 5.07	54.27 -3.38 3.74	56.38 -3.50 5.03	62.30 -3.48 1.07	64.14 -3.23 0.01	63.94 -3.30 0.01	65.07 -3.28 0.01	64.31 -3.31 0.01	64.97 -3.28 0.01	64.08 -3.23 0.01	62.58 -3.50 1.30	59.82 -3.84 3.72	59.67 -3.95 4.52	50.57 -3.00 0.00	48.40 -3.03 0.00
AMERICAN_REF_FUEL 24010	45.29 -5.37 0.00	39.39 -4.77 0.00	38.18 -5.31 0.00	35.08 -5.01 0.00	33.54 -4.49 0.00	30.77 -3.76 0.00	32.16 -3.93 0.00	33.42 -7.09 0.00	36.75 -6.45 3.19	42.22 -7.39 4.36	49.39 -8.78 3.21	51.24 -9.35 4.32	56.30 -9.62 0.92	57.54 -9.84 0.01	57.22 -10.02 0.01	58.16 -10.19 0.01	57.55 -10.08 0.01	58.08 -10.17 0.01	57.35 -9.96 0.01	56.30 -9.97 1.11	54.41 -9.77 3.20	54.45 -9.81 3.89	46.66 -6.91 0.00	44.90 -6.53 0.00
ARTHUR_KILL_GT_1 23520	55.08 4.41 -0.01	48.14 3.97 -0.01	46.98 3.48 -0.01	43.10 3.01 -0.01	40.89 2.85 -0.01	37.05 2.52 0.01	38.86 2.78 0.01	43.94 3.44 0.01	50.55 4.22 0.06	58.76 4.86 0.08	68.88 6.08 -1.43	71.39 6.56 0.08	74.04 7.22 0.01	80.19 7.21 -5.59	82.40 7.46 -7.68	83.77 7.86 -7.55	85.12 7.91 -9.57	85.20 8.05 -8.89	81.21 7.88 -6.01	77.35 8.02 -1.95	88.51 7.88 -13.24	75.96 7.63 -0.17	73.58 5.46 -14.54	69.81 5.09 -13.28
ARTHUR_KILL_2 23512	55.08 4.41 -0.01	48.14 3.97 -0.01	46.98 3.48 -0.01	43.10 3.01 -0.01	40.89 2.85 -0.01	37.05 2.52 0.01	38.86 2.78 0.01	43.94 3.44 0.01	50.55 4.22 0.06	58.76 4.86 0.08	68.88 6.08 -1.43	71.39 6.56 0.08	74.04 7.22 0.01	80.19 7.21 -5.59	82.40 7.46 -7.68	83.77 7.86 -7.55	85.12 7.91 -9.57	85.20 8.05 -8.89	81.21 7.88 -6.01	77.35 8.02 -1.95	88.51 7.88 -13.24	75.96 7.63 -0.17	73.58 5.46 -14.54	69.81 5.09 -13.28
ARTHUR_KILL_3 23513	55.08 4.41 -0.01	47.64 3.49 0.00	46.84 3.35 0.00	43.21 3.13 0.00	40.99 2.97 0.00	37.16 2.62 0.00	38.98 2.89 0.00	44.11 3.60 0.00	50.74 4.41 0.05	58.98 5.07 0.07	69.01 6.20 -1.43	71.40 6.56 0.07	74.05 7.22 0.01	80.26 7.28 -5.60	82.07 7.13 -7.69	83.02 7.11 -7.56	84.32 7.10 -9.58	84.32 7.17 -8.90	80.61 7.27 -6.02	76.75 7.41 -1.95	87.91 7.28 -13.25	75.56 7.22 -0.18	73.32 5.20 -14.54	69.18 4.47 -13.27
ASHOKAN____ 23654	54.87 4.21 0.00	47.51 3.36 0.00	46.71 3.22 0.00	43.09 3.01 0.00	40.84 2.81 0.00	37.02 2.49 0.00	38.80 2.71 0.00	43.74 3.24 0.00	50.28 3.94 0.05	58.45 4.53 0.06	67.47 6.14 0.05	71.53 6.69 0.06	74.38 7.55 0.01	77.26 7.75 -2.13	77.97 7.80 -2.93	79.22 8.00 -2.87	79.32 8.05 -3.64	79.76 8.12 -3.38	77.68 8.08 -2.29	76.13 8.02 -0.72	76.35 7.21 -1.76	75.52 7.43 0.06	58.88 5.30 0.00	55.91 4.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.52 6.69 0.08	74.10 7.29 0.02	80.25 7.28 -5.59	82.06 7.13 -7.68	83.14 7.25 -7.54	84.44 7.24 -9.57	84.51 7.37 -8.88	80.79 7.47 -6.01	76.93 7.61 -1.93	79.70 7.61 -4.70	75.97 7.63 -0.19	73.31 5.20 -14.54	68.88 4.58 -12.87
ASTORIA_EAST_ENERGY_CC2 323582	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.14 7.25 -7.54	84.44 7.24 -9.57	84.51 7.37 -8.88	80.79 7.47 -6.01	76.93 7.61 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT2_1 24094	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT2_2 24095	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT2_3 24096	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT2_4 24097	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT3_1 24098	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT3_2 24099	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT3_3 24100	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87



ASTORIA_GT3_4 24101	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT4_1 24102	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT4_2 24103	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT4_3 24104	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT4_4 24105	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT_1 23523	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.37 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.46 7.48 -5.60	82.41 7.46 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.86 7.71 -8.89	81.07 7.74 -6.01	77.14 7.82 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.52 5.41 -14.54	69.45 4.73 -13.28
ASTORIA_GT_10 24110	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.37 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.46 7.48 -5.60	82.41 7.46 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.86 7.71 -8.89	81.07 7.74 -6.01	77.14 7.82 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.52 5.41 -14.54	69.45 4.73 -13.28
ASTORIA_GT_11 24225	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.37 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.46 7.48 -5.60	82.41 7.46 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.86 7.71 -8.89	81.07 7.74 -6.01	77.14 7.82 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.52 5.41 -14.54	69.45 4.73 -13.28
ASTORIA_GT_12 24226	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.37 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.46 7.48 -5.60	82.41 7.46 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.86 7.71 -8.89	81.07 7.74 -6.01	77.14 7.82 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.52 5.41 -14.54	69.45 4.73 -13.28
ASTORIA_GT_13 24227	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.37 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.46 7.48 -5.60	82.41 7.46 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.86 7.71 -8.89	81.07 7.74 -6.01	77.14 7.82 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.52 5.41 -14.54	69.45 4.73 -13.28
ASTORIA_GT_5 24106	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT_7 24107	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA_GT_8 24108	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA___2 24149	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ASTORIA___3 23516	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.37 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.46 7.48 -5.60	82.41 7.46 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.86 7.71 -8.89	81.07 7.74 -6.01	77.14 7.82 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.52 5.41 -14.54	69.45 4.73 -13.28
ASTORIA___4 23517	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.37 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.46 7.48 -5.60	82.41 7.46 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.86 7.71 -8.89	81.07 7.74 -6.01	77.14 7.82 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.52 5.41 -14.54	69.45 4.73 -13.28



ASTORIA___5 23518	55.44 4.76 -0.02	48.31 4.15 -0.01	47.11 3.61 -0.01	43.54 3.45 -0.01	41.31 3.27 -0.01	37.44 2.90 -0.01	39.27 3.18 0.00	44.31 3.81 0.00	50.97 4.64 0.06	59.14 5.24 0.08	67.66 6.32 0.05	71.58 6.75 0.08	74.17 7.35 0.02	80.32 7.34 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	77.00 7.68 -1.93	79.70 7.61 -4.70	76.04 7.70 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
ATHENS_STG_1 23668	53.05 2.38 0.00	46.10 1.94 0.00	45.53 2.04 0.00	42.01 1.92 0.00	39.82 1.79 0.00	36.12 1.59 0.00	37.75 1.66 0.00	42.45 1.94 0.00	48.66 2.32 0.05	56.45 2.54 0.06	64.46 3.13 0.05	68.15 3.31 0.06	70.57 3.74 0.01	68.60 3.57 2.35	67.58 3.56 3.23	68.74 3.55 3.17	67.26 3.65 4.02	68.20 3.69 3.74	68.49 3.70 2.53	70.39 3.84 0.83	69.11 3.77 2.04	71.77 3.68 0.06	56.20 2.63 0.00	53.75 2.31 0.00
ATHENS_STG_2 23670	53.05 2.38 0.00	46.10 1.94 0.00	45.53 2.04 0.00	42.01 1.92 0.00	39.82 1.79 0.00	36.12 1.59 0.00	37.75 1.66 0.00	42.45 1.94 0.00	48.66 2.32 0.05	56.45 2.54 0.06	64.46 3.13 0.05	68.15 3.31 0.06	70.57 3.74 0.01	68.60 3.57 2.35	67.58 3.56 3.23	68.74 3.55 3.17	67.26 3.65 4.02	68.20 3.69 3.74	68.49 3.70 2.53	70.39 3.84 0.83	69.11 3.77 2.04	71.77 3.68 0.06	56.20 2.63 0.00	53.75 2.31 0.00
ATHENS_STG_3 23677	53.05 2.38 0.00	46.10 1.94 0.00	45.53 2.04 0.00	42.01 1.92 0.00	39.82 1.79 0.00	36.12 1.59 0.00	37.75 1.66 0.00	42.45 1.94 0.00	48.66 2.32 0.05	56.45 2.54 0.06	64.46 3.13 0.05	68.15 3.31 0.06	70.57 3.74 0.01	68.60 3.57 2.35	67.58 3.56 3.23	68.74 3.55 3.17	67.26 3.65 4.02	68.20 3.69 3.74	68.49 3.70 2.53	70.39 3.84 0.83	69.11 3.77 2.04	71.77 3.68 0.06	56.20 2.63 0.00	53.75 2.31 0.00
BARRETT_IC_1 23704	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_10 23701	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_11 23702	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_12 23703	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_2 23705	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_3 23706	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_4 23707	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_5 23708	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_6 23709	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_7 23710	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_8 23711	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT_IC_9 23700	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63



BARRETT___1 23545	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BARRETT___2 23546	63.80 5.47 -7.66	70.92 4.28 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.83 3.32 -14.98	63.14 3.65 -23.40	44.76 4.25 0.00	51.53 5.20 0.05	68.94 6.10 -8.86	74.32 6.75 -6.19	78.30 7.01 -6.38	81.81 7.69 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.70 7.72 -16.62	92.71 7.64 -17.44	87.47 7.64 -11.58	80.75 7.40 -6.03	77.62 8.29 -1.94	79.83 7.75 -4.70	76.69 8.11 -0.43	75.03 5.84 -15.61	72.52 5.45 -15.63
BEAVER RIVER___HYD 24048	51.78 1.11 0.00	44.86 0.71 0.00	43.84 0.35 0.00	40.37 0.28 0.00	38.29 0.27 0.00	34.74 0.21 0.00	36.38 0.29 0.00	41.23 0.73 0.00	47.50 1.11 0.00	55.65 1.67 0.00	63.41 2.03 0.00	67.05 2.14 0.00	69.51 2.67 0.00	69.20 1.82 0.00	68.86 1.61 0.00	70.00 1.64 0.00	69.19 1.56 0.00	69.62 1.37 0.00	68.46 1.14 0.00	68.53 1.15 0.00	68.87 1.48 0.00	70.74 2.59 0.00	55.40 1.82 0.00	52.82 1.39 0.00
BEEBEE_GT_13 23619	47.62 -3.04 0.00	41.24 -2.91 0.00	40.36 -3.13 0.00	37.08 -3.01 0.00	35.25 -2.78 0.00	32.53 -2.00 0.00	34.00 -2.09 0.00	36.57 -3.93 0.00	39.36 -3.43 3.60	44.85 -4.21 4.92	53.46 -4.30 3.62	55.62 -4.41 4.87	61.46 -4.34 1.03	63.47 -3.91 0.01	63.41 -3.83 0.01	64.66 -3.69 0.01	63.91 -3.72 0.01	64.49 -3.75 0.01	63.47 -3.84 0.01	61.75 -4.38 1.26	59.19 -4.58 3.61	59.27 -4.50 4.38	50.04 -3.54 0.00	48.14 -3.29 0.00
BETHLEHEM___GRP 23843	52.69 2.03 0.00	45.83 1.68 0.00	45.36 1.87 0.00	41.93 1.84 0.00	39.36 1.33 0.00	35.67 1.14 0.00	37.21 1.12 0.00	41.84 1.34 0.00	47.46 1.11 0.04	54.89 0.97 0.05	62.57 1.23 0.04	66.09 1.23 0.05	68.43 1.60 0.01	68.66 1.28 0.00	68.32 1.08 0.00	69.38 1.03 0.00	68.78 1.15 0.00	69.41 1.16 0.00	68.53 1.21 0.00	68.79 1.42 0.01	68.62 1.28 0.04	69.33 1.23 0.05	54.65 1.07 0.00	52.46 1.03 0.00
BETHLEHEM___GS1 323560	52.69 2.03 0.00	45.83 1.68 0.00	45.36 1.87 0.00	41.93 1.84 0.00	39.36 1.33 0.00	35.67 1.14 0.00	37.21 1.12 0.00	41.84 1.34 0.00	47.46 1.11 0.04	54.89 0.97 0.05	62.57 1.23 0.04	66.09 1.23 0.05	68.43 1.60 0.01	68.66 1.28 0.00	68.32 1.08 0.00	69.38 1.03 0.00	68.78 1.15 0.00	69.41 1.16 0.00	68.53 1.21 0.00	68.79 1.42 0.01	68.62 1.28 0.04	69.33 1.23 0.05	54.65 1.07 0.00	52.46 1.03 0.00
BETHLEHEM___GS2 323561	52.69 2.03 0.00	45.83 1.68 0.00	45.36 1.87 0.00	41.93 1.84 0.00	39.36 1.33 0.00	35.67 1.14 0.00	37.21 1.12 0.00	41.84 1.34 0.00	47.46 1.11 0.04	54.89 0.97 0.05	62.57 1.23 0.04	66.09 1.23 0.05	68.43 1.60 0.01	68.66 1.28 0.00	68.32 1.08 0.00	69.38 1.03 0.00	68.78 1.15 0.00	69.41 1.16 0.00	68.53 1.21 0.00	68.79 1.42 0.01	68.62 1.28 0.04	69.33 1.23 0.05	54.65 1.07 0.00	52.46 1.03 0.00
BETHLEHEM___GS3 323562	52.69 2.03 0.00	45.83 1.68 0.00	45.36 1.87 0.00	41.93 1.84 0.00	39.36 1.33 0.00	35.67 1.14 0.00	37.21 1.12 0.00	41.84 1.34 0.00	47.46 1.11 0.04	54.89 0.97 0.05	62.57 1.23 0.04	66.09 1.23 0.05	68.43 1.60 0.01	68.66 1.28 0.00	68.32 1.08 0.00	69.38 1.03 0.00	68.78 1.15 0.00	69.41 1.16 0.00	68.53 1.21 0.00	68.79 1.42 0.01	68.62 1.28 0.04	69.33 1.23 0.05	54.65 1.07 0.00	52.46 1.03 0.00
BETHLEHEM___STEEL 23779	45.24 -5.42 0.00	39.39 -4.77 0.00	38.18 -5.31 0.00	35.04 -5.05 0.00	33.54 -4.49 0.00	30.70 -3.83 0.00	32.16 -3.93 0.00	33.78 -6.72 0.00	37.22 -6.12 3.04	42.80 -7.02 4.15	50.10 -8.22 3.06	52.09 -8.70 4.12	57.08 -8.89 0.87	58.35 -9.03 0.01	58.03 -9.21 0.01	58.98 -9.36 0.01	58.36 -9.27 0.01	58.90 -9.35 0.01	58.15 -9.15 0.01	57.02 -9.30 1.06	55.17 -9.16 3.05	55.18 -9.27 3.70	46.93 -6.64 0.00	45.06 -6.38 0.00
BETHPAGE_CC_5 323564	63.70 5.37 -7.66	71.01 4.37 -22.49	66.55 4.22 -18.84	62.80 3.93 -18.79	54.71 3.73 -12.95	52.86 3.35 -14.98	63.14 3.65 -23.40	44.72 4.21 0.00	51.53 5.20 0.05	68.83 5.99 -8.86	74.75 7.18 -6.19	78.88 7.59 -6.38	82.48 8.35 -7.29	89.17 8.56 -13.23	90.07 8.47 -14.35	93.59 8.61 -16.62	93.59 8.52 -17.44	88.29 8.46 -11.58	81.49 8.15 -6.03	78.02 8.69 -1.94	80.10 8.02 -4.70	77.24 8.66 -0.43	75.35 6.16 -15.61	72.52 5.45 -15.63
BINGHAMTON___COGEN 23790	49.30 -1.37 0.00	42.83 -1.32 0.00	42.10 -1.39 0.00	38.76 -1.32 0.00	36.85 -1.18 0.00	33.50 -1.04 0.00	35.15 -0.94 0.00	39.13 -1.38 0.00	44.93 -1.16 0.29	52.23 -1.35 0.40	59.73 -1.35 0.29	63.08 -1.43 0.40	65.48 -1.27 0.08	66.17 -1.21 0.00	65.97 -1.28 0.00	67.06 -1.30 0.00	66.35 -1.29 0.00	66.96 -1.30 0.00	66.10 -1.21 0.00	65.87 -1.42 0.10	65.74 -1.35 0.29	66.36 -1.43 0.36	52.24 -1.34 0.00	49.89 -1.54 0.00
BLACK RIVER___HYD 24047	51.17 0.51 0.00	44.33 0.18 0.00	43.32 -0.17 0.00	39.85 -0.24 0.00	37.80 -0.23 0.00	34.33 -0.21 0.00	35.91 -0.18 0.00	40.63 0.12 0.00	46.90 0.51 0.00	54.95 0.97 0.00	62.61 1.23 0.00	66.27 1.36 0.00	68.71 1.87 0.00	68.73 1.35 0.00	68.39 1.14 0.00	69.45 1.09 0.00	68.65 1.01 0.00	69.07 0.82 0.00	67.85 0.54 0.00	67.79 0.40 0.00	68.13 0.74 0.00	69.92 1.77 0.00	54.70 1.13 0.00	52.21 0.77 0.00
BLUE_CIRC_CHEM_DRP 24182	52.79 2.13 0.00	45.92 1.77 0.00	45.40 1.91 0.00	41.89 1.80 0.00	39.63 1.60 0.00	35.95 1.42 0.00	37.50 1.41 0.00	42.12 1.62 0.00	48.16 1.81 0.04	55.81 1.89 0.05	63.73 2.39 0.04	67.38 2.53 0.05	69.77 2.94 0.01	70.15 2.76 0.00	69.87 2.62 0.00	71.02 2.67 0.00	70.34 2.71 0.00	70.98 2.73 0.00	70.08 2.76 0.00	70.27 2.90 0.01	70.04 2.70 0.04	70.76 2.66 0.05	55.56 1.98 0.00	53.29 1.85 0.00
BOC_GAS_DRP 24189	52.44 1.77 0.00	45.61 1.46 0.00	45.14 1.65 0.00	41.65 1.56 0.00	39.40 1.37 0.00	35.74 1.21 0.00	37.32 1.23 0.00	41.88 1.38 0.00	47.78 1.44 0.04	55.38 1.46 0.05	63.12 1.78 0.04	66.74 1.88 0.05	69.03 2.21 0.01	69.14 1.95 0.20	68.86 1.88 0.27	69.93 1.85 0.27	69.19 1.89 0.34	69.92 1.98 0.32	69.12 2.02 0.21	69.46 2.16 0.08	69.26 2.09 0.21	70.15 2.04 0.05	55.08 1.50 0.00	52.82 1.39 0.00
BORALEX_4TH_BRANCH 23824	53.81 3.14 0.00	46.76 2.61 0.00	46.40 2.91 0.00	42.97 2.89 0.00	40.80 2.78 0.00	36.95 2.42 0.00	38.40 2.31 0.00	43.26 2.75 0.00	49.13 2.78 0.04	56.73 2.81 0.05	64.47 3.13 0.04	67.97 3.12 0.05	70.30 3.48 0.01	70.92 2.96 -0.57	70.86 2.82 -0.79	71.86 2.73 -0.77	71.39 2.77 -0.98	72.10 2.93 -0.91	70.96 3.03 -0.62	70.94 3.37 -0.19	71.00 3.17 -0.45	70.96 2.86 0.05	56.09 2.52 0.00	54.26 2.83 0.00
BOWLINE___1 23526	54.26 3.60 0.00	46.98 2.83 0.00	46.23 2.74 0.00	42.61 2.53 0.00	40.42 2.40 0.00	36.68 2.14 0.00	38.51 2.42 0.00	43.54 3.04 0.00	50.14 3.80 0.05	58.23 4.32 0.07	66.67 5.34 0.05	70.55 5.71 0.07	73.17 6.35 0.01	79.08 6.47 -5.23	80.82 6.39 -7.18	81.90 6.49 -7.05	83.07 6.49 -8.94	83.18 6.62 -8.30	79.53 6.60 -5.62	75.78 6.60 -1.80	78.31 6.54 -4.39	74.49 6.41 0.06	57.97 4.39 0.00	55.14 3.70 0.00



BOWLINE___2 23595	54.26 3.60 0.00	46.98 2.83 0.00	46.23 2.74 0.00	42.61 2.53 0.00	40.42 2.40 0.00	36.68 2.14 0.00	38.51 2.42 0.00	43.54 3.04 0.00	50.14 3.80 0.05	58.23 4.32 0.07	66.67 5.34 0.05	70.55 5.71 0.07	73.17 6.35 0.01	79.02 6.40 -5.23	80.82 6.39 -7.19	81.90 6.49 -7.05	83.07 6.49 -8.94	83.11 6.55 -8.30	79.53 6.60 -5.62	75.79 6.60 -1.80	78.31 6.54 -4.39	74.49 6.41 0.06	57.97 4.39 0.00	55.14 3.70 0.00
BROOKHAVEN___DRP 24191	64.05 5.73 -7.66	74.28 7.64 -22.49	69.86 7.52 -18.84	66.41 7.54 -18.79	58.21 7.23 -12.95	56.07 6.56 -14.98	66.39 6.89 -23.40	47.07 6.56 0.00	53.11 6.77 0.05	70.83 7.99 -8.86	78.19 10.62 -6.19	83.88 12.59 -6.38	87.36 13.23 -7.29	94.56 13.95 -13.23	95.59 13.99 -14.35	98.65 13.67 -16.62	98.19 13.12 -17.44	92.59 12.76 -11.58	86.27 12.92 -6.03	82.80 13.48 -1.94	80.64 8.56 -4.70	77.92 9.34 -0.43	75.89 6.70 -15.61	72.88 5.81 -15.63
BROOKLYN_NAVY_YARD 23515	55.18 4.51 -0.01	47.73 3.58 0.00	46.97 3.48 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.23 2.69 0.00	39.02 2.92 0.00	44.15 3.65 0.00	50.70 4.36 0.05	58.87 4.97 0.07	67.42 6.08 0.04	71.33 6.49 0.07	73.98 7.15 0.01	80.19 7.21 -5.60	82.27 7.33 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.65 7.51 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.56 7.48 -4.70	75.76 7.43 -0.18	72.92 5.25 -14.09	68.89 4.58 -12.88
BROOKLYN___ARMY_DRP 323595	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
BURROWS___LYONSDAL 23803	51.22 0.56 0.00	44.46 0.31 0.00	43.58 0.09 0.00	40.17 0.08 0.00	38.10 0.08 0.00	34.53 0.00 0.00	36.20 0.11 0.00	40.83 0.32 0.00	46.99 0.60 0.00	54.95 0.97 0.00	62.48 1.10 0.00	66.14 1.23 0.00	68.38 1.54 0.00	68.53 1.15 0.00	68.26 1.01 0.00	69.38 1.03 0.00	68.58 0.95 0.00	69.14 0.89 0.00	67.99 0.67 0.00	68.06 0.67 0.00	68.26 0.88 0.00	69.65 1.50 0.00	54.54 0.96 0.00	52.10 0.67 0.00
CALPINE_BETH_PAGE_GT4 24209	63.80 5.47 -7.66	71.06 4.42 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.89 3.38 -14.98	63.18 3.68 -23.40	44.80 4.29 0.00	51.58 5.24 0.05	68.99 6.15 -8.86	74.99 7.43 -6.19	79.14 7.85 -6.38	82.75 8.62 -7.29	89.44 8.83 -13.23	90.34 8.74 -14.35	93.86 8.89 -16.62	93.86 8.89 -17.44	88.63 8.80 -11.58	81.76 8.41 -6.03	78.29 8.96 -1.94	80.31 8.22 -4.70	77.37 8.79 -0.43	75.51 6.32 -15.61	72.62 5.55 -15.63
CALPINE_BETH_PAGE_GT_4 323586	63.80 5.47 -7.66	71.06 4.42 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.89 3.38 -14.98	63.18 3.68 -23.40	44.80 4.29 0.00	51.58 5.24 0.05	68.99 6.15 -8.86	74.99 7.43 -6.19	79.14 7.85 -6.38	82.75 8.62 -7.29	89.44 8.83 -13.23	90.34 8.74 -14.35	93.86 8.89 -16.62	93.86 8.79 -17.44	88.63 8.80 -11.58	81.76 8.41 -6.03	78.29 8.96 -1.94	80.31 8.22 -4.70	77.37 8.79 -0.43	75.51 6.32 -15.61	72.62 5.55 -15.63
CALPINE_BP_GT1 23823	63.80 5.47 -7.66	71.06 4.42 -22.49	66.60 4.26 -18.84	62.84 3.97 -18.79	54.75 3.76 -12.95	52.89 3.38 -14.98	63.18 3.68 -23.40	44.80 4.29 0.00	51.58 5.24 0.05	68.99 6.15 -8.86	74.99 7.43 -6.19	79.14 7.85 -6.38	82.75 8.62 -7.29	89.44 8.83 -13.23	90.34 8.74 -14.35	93.86 8.89 -16.62	93.86 8.79 -17.44	88.63 8.80 -11.58	81.76 8.41 -6.03	78.29 8.96 -1.94	80.31 8.22 -4.70	77.37 8.79 -0.43	75.51 6.32 -15.61	72.62 5.55 -15.63
CALSPAN___DRP 24200	45.24 -5.42 0.00	39.39 -4.77 0.00	38.18 -5.31 0.00	35.04 -5.05 0.00	33.54 -4.49 0.00	30.70 -3.83 0.00	32.16 -3.93 0.00	33.78 -6.72 0.00	37.22 -6.12 3.04	42.80 -7.02 4.15	50.10 -8.22 3.06	52.09 -8.70 4.12	57.08 -8.89 0.87	58.35 -9.03 0.01	58.03 -9.21 0.01	58.98 -9.36 0.01	58.36 -9.27 0.01	58.90 -9.35 0.01	58.15 -9.15 0.01	57.02 -9.30 1.06	55.17 -9.16 3.05	55.18 -9.27 3.70	46.93 -6.64 0.00	45.06 -6.38 0.00
CARR STREET_E_SYR 24060	49.50 -1.17 0.00	43.05 -1.10 0.00	42.27 -1.22 0.00	38.92 -1.16 0.00	36.96 -1.06 0.00	33.60 -0.93 0.00	35.19 -0.90 0.00	39.13 -1.38 0.00	45.23 -1.16 0.00	52.68 -1.30 0.00	60.03 -1.35 0.00	63.48 -1.43 0.00	65.57 -1.27 0.00	66.10 -1.28 0.00	65.90 -1.34 0.00	67.06 -1.30 0.00	66.28 -1.35 0.00	66.89 -1.37 0.00	65.90 -1.41 0.00	65.90 -1.48 0.00	65.90 -1.48 0.00	66.72 -1.43 0.00	52.34 -1.23 0.00	50.15 -1.29 0.00
CARTHAGE___PAPER 23857	51.42 0.76 0.00	44.55 0.40 0.00	43.53 0.04 0.00	40.09 0.00 0.00	37.99 -0.04 0.00	34.50 -0.03 0.00	36.09 0.00 0.00	40.87 0.36 0.00	47.17 0.79 0.00	55.27 1.30 0.00	62.91 1.53 0.00	66.59 1.69 0.00	69.04 2.21 0.00	68.93 1.55 0.00	68.59 1.34 0.00	69.72 1.37 0.00	68.85 1.22 0.00	69.35 1.09 0.00	68.12 0.81 0.00	68.13 0.74 0.00	68.46 1.08 0.00	70.26 2.11 0.00	55.02 1.45 0.00	52.46 1.03 0.00
CE_DUNWOOD___DRP 24194	54.67 4.00 0.00	47.38 3.22 0.00	46.58 3.09 0.00	42.97 2.89 0.00	40.73 2.70 0.00	36.92 2.38 0.00	38.76 2.67 0.00	43.78 3.28 0.00	50.42 4.08 0.05	58.60 4.70 0.07	67.04 5.71 0.05	70.94 6.10 0.07	73.57 6.75 0.01	79.79 6.81 -5.60	81.66 6.72 -7.69	82.74 6.84 -7.54	84.04 6.83 -9.57	84.10 6.96 -8.89	80.26 6.93 -6.01	76.32 7.01 -1.93	79.02 6.94 -4.70	74.90 6.81 0.06	58.34 4.77 0.00	55.55 4.11 0.00
CE_MILLWOOD___DRP 24193	54.52 3.85 0.00	47.20 3.05 0.00	46.45 2.96 0.00	42.81 2.73 0.00	40.61 2.59 0.00	36.81 2.28 0.00	38.62 2.53 0.00	43.66 3.16 0.00	50.23 3.90 0.05	58.39 4.48 0.07	66.85 5.52 0.05	70.68 5.84 0.07	73.31 6.48 0.01	79.49 6.54 -5.57	81.42 6.52 -7.65	82.49 6.63 -7.51	83.78 6.63 -9.52	83.78 6.69 -8.84	80.03 6.73 -5.98	76.11 6.81 -1.92	78.73 6.67 -4.67	74.70 6.61 0.06	58.13 4.55 0.00	55.34 3.91 0.00
CE_NYC2_DRP 24202	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.37 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.38 7.55 0.01	80.53 7.55 -5.60	82.47 7.53 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.93 7.78 -8.89	81.07 7.74 -6.01	77.21 7.88 -1.94	79.83 7.75 -4.70	76.11 7.77 -0.19	73.58 5.46 -14.54	69.50 4.78 -13.28
CE_NYC_DRP 24195	55.23 4.56 -0.01	47.82 3.66 0.00	47.01 3.52 0.00	43.33 3.25 0.00	41.11 3.08 0.00	37.26 2.73 0.00	39.09 3.00 0.00	44.23 3.73 0.00	50.88 4.55 0.05	59.14 5.24 0.07	69.18 6.38 -1.42	71.65 6.82 0.07	74.31 7.49 0.01	80.53 7.55 -5.60	82.41 7.46 -7.69	83.42 7.52 -7.55	84.78 7.58 -9.57	84.79 7.64 -8.89	80.93 7.61 -6.01	77.08 7.75 -1.94	79.70 7.61 -4.70	75.89 7.56 -0.18	72.92 5.36 -13.98	68.84 4.63 -12.78
CHAT_HIGH_FALL_HYD 323578	49.80 -0.86 0.00	43.54 -0.62 0.00	42.79 -0.70 0.00	39.45 -0.64 0.00	37.42 -0.61 0.00	33.98 -0.55 0.00	35.48 -0.61 0.00	40.34 -0.16 0.00	45.69 -0.70 0.00	53.33 -0.65 0.00	60.34 -1.04 0.00	63.80 -1.10 0.00	65.30 -1.54 0.00	65.97 -1.42 0.00	66.04 -1.21 0.00	67.19 -1.16 0.00	66.42 -1.22 0.00	67.03 -1.23 0.00	65.90 -1.41 0.00	65.83 -1.55 0.00	65.97 -1.42 0.00	66.92 -1.23 0.00	52.77 -0.80 0.00	50.87 -0.57 0.00



CH_MIDHUDSON___DRP 24192	54.26 3.60 0.00	47.03 2.87 0.00	46.32 2.83 0.00	42.73 2.65 0.00	40.54 2.51 0.00	36.71 2.18 0.00	38.51 2.42 0.00	43.46 2.96 0.00	50.00 3.66 0.05	58.12 4.21 0.07	66.49 5.16 0.05	70.29 5.45 0.06	72.97 6.15 0.01	77.68 6.13 -4.16	79.08 6.12 -5.71	80.18 6.22 -5.60	80.97 6.22 -7.11	81.14 6.28 -6.60	78.04 6.26 -4.47	75.21 6.40 -1.43	77.20 6.33 -3.48	74.29 6.20 0.06	57.91 4.34 0.00	55.14 3.70 0.00
CH_MISC_IPPS 23765	53.76 3.09 0.00	46.58 2.43 0.00	45.84 2.35 0.00	42.25 2.16 0.00	40.08 2.05 0.00	36.33 1.80 0.00	38.11 2.02 0.00	43.06 2.55 0.00	49.54 3.20 0.05	57.63 3.72 0.07	66.00 4.66 0.05	69.84 5.00 0.07	72.44 5.61 0.01	77.46 5.73 -4.34	78.93 5.72 -5.97	80.02 5.81 -5.85	80.88 5.82 -7.43	81.02 5.87 -6.90	77.90 5.92 -4.66	74.87 6.00 -1.49	76.88 5.86 -3.64	73.88 5.79 0.06	57.49 3.91 0.00	54.67 3.24 0.00
CH_RES_BVR_FALLS 23983	50.46 -0.20 0.00	43.98 -0.18 0.00	43.32 -0.17 0.00	39.93 -0.16 0.00	37.88 -0.15 0.00	34.40 -0.14 0.00	35.95 -0.14 0.00	40.42 -0.08 0.00	46.20 -0.19 0.00	53.81 -0.16 0.00	61.07 -0.31 0.00	64.58 -0.32 0.00	66.44 -0.40 0.00	67.05 -0.34 0.00	66.91 -0.34 0.00	68.08 -0.27 0.00	67.30 -0.34 0.00	67.91 -0.34 0.00	66.98 -0.34 0.00	66.98 -0.40 0.00	67.05 -0.34 0.00	67.81 -0.34 0.00	53.36 -0.21 0.00	51.28 -0.15 0.00
CH_RES_NIAGARA 23895	45.50 -5.17 0.00	39.61 -4.55 0.00	38.36 -5.13 0.00	35.24 -4.85 0.00	33.73 -4.30 0.00	30.91 -3.63 0.00	32.30 -3.79 0.00	33.50 -7.01 0.00	36.86 -6.31 3.22	42.34 -7.23 4.40	49.55 -8.59 3.24	51.46 -9.09 4.36	56.56 -9.36 0.92	57.81 -9.57 0.01	57.42 -9.82 0.01	58.37 -9.98 0.01	57.75 -9.87 0.01	58.28 -9.97 0.01	57.55 -9.76 0.01	56.49 -9.77 1.12	54.52 -9.64 3.23	54.55 -9.68 3.92	46.88 -6.70 0.00	45.11 -6.33 0.00
CH_RES_SYRACUSE 23985	49.70 -0.96 0.00	43.27 -0.88 0.00	42.49 -1.00 0.00	39.13 -0.96 0.00	37.15 -0.87 0.00	33.74 -0.79 0.00	35.33 -0.76 0.00	39.33 -1.17 0.00	45.50 -0.93 -0.04	53.00 -1.03 -0.05	60.38 -1.04 -0.04	63.92 -1.04 -0.05	66.05 -0.80 -0.01	66.64 -0.74 0.00	66.44 -0.81 0.00	67.54 -0.82 0.00	66.82 -0.81 0.00	67.37 -0.89 0.00	66.37 -0.94 0.00	66.25 -1.15 -0.01	66.35 -1.08 -0.04	67.18 -1.02 -0.05	52.61 -0.96 0.00	50.46 -0.98 0.00
COLONIE_LFGE___ 323577	53.30 2.63 0.00	46.32 2.16 0.00	45.88 2.39 0.00	42.37 2.28 0.00	40.08 2.05 0.00	36.33 1.80 0.00	37.86 1.77 0.00	42.61 2.11 0.00	48.43 2.09 0.04	55.92 2.00 0.05	63.67 2.33 0.04	67.26 2.40 0.05	69.57 2.74 0.01	70.05 2.36 -0.30	69.82 2.15 -0.42	70.88 2.12 -0.41	70.32 2.16 -0.52	71.06 2.32 -0.48	70.13 2.49 -0.33	70.17 2.70 -0.09	70.16 2.56 -0.22	70.56 2.45 0.05	55.72 2.14 0.00	53.65 2.21 0.00
CORNELL___ 23752	47.57 -3.09 0.00	41.33 -2.83 0.00	40.40 -3.09 0.00	37.12 -2.97 0.00	35.25 -2.78 0.00	32.08 -2.45 0.00	34.00 -2.09 0.00	37.75 -2.75 0.00	43.83 -2.46 0.10	51.08 -2.75 0.14	58.64 -2.64 0.10	62.04 -2.73 0.14	64.40 -2.41 0.03	64.49 -2.90 0.00	64.22 -3.03 0.00	65.35 -3.01 0.00	64.59 -3.04 0.00	65.18 -3.07 0.00	64.15 -3.16 0.00	63.84 -3.50 0.04	63.58 -3.71 0.10	64.55 -3.48 0.12	50.52 -3.05 0.00	48.30 -3.14 0.00
COXSACKIE___GT 23611	54.41 3.75 0.00	47.20 3.05 0.00	46.49 3.00 0.00	42.89 2.81 0.00	40.61 2.59 0.00	36.81 2.28 0.00	38.51 2.42 0.00	43.38 2.88 0.00	49.77 3.43 0.05	57.80 3.89 0.06	66.49 5.16 0.05	70.43 5.58 0.06	73.18 6.35 0.01	75.67 6.47 -1.81	76.19 6.46 -2.49	77.43 6.63 -2.44	77.43 6.70 -3.10	77.89 6.76 -2.88	75.99 6.73 -1.95	74.74 6.74 -0.61	74.94 6.06 -1.49	74.16 6.07 0.06	57.97 4.39 0.00	55.19 3.75 0.00
CRESCENT___HYD 24018	53.30 2.63 0.00	46.32 2.16 0.00	45.88 2.39 0.00	42.37 2.28 0.00	40.08 2.05 0.00	36.33 1.80 0.00	37.86 1.77 0.00	42.61 2.11 0.00	48.43 2.09 0.04	55.92 2.00 0.05	63.67 2.33 0.04	67.26 2.40 0.05	69.57 2.74 0.01	70.05 2.36 -0.30	69.82 2.15 -0.42	70.88 2.12 -0.41	70.32 2.16 -0.52	71.06 2.32 -0.48	70.13 2.49 -0.33	70.17 2.70 -0.09	70.16 2.56 -0.22	70.56 2.45 0.05	55.72 2.14 0.00	53.65 2.21 0.00
CRUCIBLE_METL_DRP 24180	49.70 -0.96 0.00	43.27 -0.88 0.00	42.49 -1.00 0.00	39.13 -0.96 0.00	37.15 -0.87 0.00	33.74 -0.79 0.00	35.33 -0.76 0.00	39.33 -1.17 0.00	45.50 -0.93 -0.04	53.00 -1.03 -0.05	60.38 -1.04 -0.04	63.92 -1.04 -0.05	66.05 -0.80 -0.01	66.64 -0.74 0.00	66.44 -0.81 0.00	67.54 -0.82 0.00	66.82 -0.81 0.00	67.37 -0.89 0.00	66.37 -0.94 0.00	66.25 -1.15 -0.01	66.35 -1.08 -0.04	67.18 -1.02 -0.05	52.61 -0.96 0.00	50.46 -0.98 0.00
DANSKAMMER___1 23586	53.76 3.09 0.00	46.58 2.43 0.00	45.84 2.35 0.00	42.25 2.16 0.00	40.08 2.05 0.00	36.33 1.80 0.00	38.11 2.02 0.00	43.06 2.55 0.00	49.54 3.20 0.05	57.63 3.72 0.07	66.00 4.66 0.05	69.84 5.00 0.07	72.44 5.61 0.01	77.46 5.73 -4.34	78.93 5.72 -5.97	80.02 5.81 -5.85	80.88 5.82 -7.43	81.02 5.87 -6.90	77.90 5.92 -4.66	74.87 6.00 -1.49	76.88 5.86 -3.64	73.88 5.79 0.06	57.49 3.91 0.00	54.67 3.24 0.00
DANSKAMMER___2 23589	53.76 3.09 0.00	46.58 2.43 0.00	45.84 2.35 0.00	42.25 2.16 0.00	40.08 2.05 0.00	36.33 1.80 0.00	38.11 2.02 0.00	43.06 2.55 0.00	49.54 3.20 0.05	57.63 3.72 0.07	66.00 4.66 0.05	69.84 5.00 0.07	72.44 5.61 0.01	77.46 5.73 -4.34	78.93 5.72 -5.97	80.02 5.81 -5.85	80.88 5.82 -7.43	81.02 5.87 -6.90	77.90 5.92 -4.66	74.87 6.00 -1.49	76.88 5.86 -3.64	73.88 5.79 0.06	57.49 3.91 0.00	54.67 3.24 0.00
DANSKAMMER___3 23590	53.76 3.09 0.00	46.58 2.43 0.00	45.84 2.35 0.00	42.25 2.16 0.00	40.08 2.05 0.00	36.33 1.80 0.00	38.11 2.02 0.00	43.06 2.55 0.00	49.54 3.20 0.05	57.63 3.72 0.07	66.00 4.66 0.05	69.84 5.00 0.07	72.44 5.61 0.01	77.46 5.73 -4.34	78.93 5.72 -5.97	80.02 5.81 -5.85	80.88 5.82 -7.43	81.02 5.87 -6.90	77.90 5.92 -4.66	74.87 6.00 -1.49	76.88 5.86 -3.64	73.88 5.79 0.06	57.49 3.91 0.00	54.67 3.24 0.00
DANSKAMMER___4 23591	53.76 3.09 0.00	46.58 2.43 0.00	45.84 2.35 0.00	42.25 2.16 0.00	40.08 2.05 0.00	36.33 1.80 0.00	38.11 2.02 0.00	43.06 2.55 0.00	49.54 3.20 0.05	57.63 3.72 0.07	66.00 4.66 0.05	69.84 5.00 0.07	72.44 5.61 0.01	77.46 5.73 -4.34	78.93 5.72 -5.97	80.02 5.81 -5.85	80.88 5.82 -7.43	81.02 5.87 -6.90	77.90 5.92 -4.66	74.87 6.00 -1.49	76.88 5.86 -3.64	73.88 5.79 0.06	57.49 3.91 0.00	54.67 3.24 0.00
DANSKAMMER___DIESEL 23592	53.76 3.09 0.00	46.58 2.43 0.00	45.84 2.35 0.00	42.25 2.16 0.00	40.08 2.05 0.00	36.33 1.80 0.00	38.11 2.02 0.00	43.06 2.55 0.00	49.54 3.20 0.05	57.63 3.72 0.07	66.00 4.66 0.05	69.84 5.00 0.07	72.44 5.61 0.01	77.46 5.73 -4.34	78.93 5.72 -5.97	80.02 5.81 -5.85	80.88 5.82 -7.43	81.02 5.87 -6.90	77.90 5.92 -4.66	74.87 6.00 -1.49	76.88 5.86 -3.64	73.88 5.79 0.06	57.49 3.91 0.00	54.67 3.24 0.00
DASHVILLE___HYD 23610	54.46 3.80 0.00	47.16 3.00 0.00	46.40 2.91 0.00	42.77 2.69 0.00	40.61 2.59 0.00	36.81 2.28 0.00	38.62 2.53 0.00	43.62 3.12 0.00	50.28 3.94 0.05	58.50 4.59 0.07	66.98 5.65 0.05	70.94 6.10 0.07	73.64 6.82 0.01	77.19 6.94 -2.86	78.11 6.93 -3.93	79.26 7.04 -3.86	79.63 7.10 -4.90	79.97 7.17 -4.55	77.53 7.14 -3.08	75.57 7.21 -0.98	76.84 7.08 -2.38	75.04 6.95 0.06	58.34 4.77 0.00	55.45 4.01 0.00



DOGLEVILLE___HYD 23807	53.05 2.38 0.00	46.01 1.85 0.00	45.23 1.74 0.00	41.65 1.56 0.00	39.51 1.48 0.00	35.81 1.28 0.00	37.50 1.41 0.00	42.16 1.66 0.00	48.61 2.23 0.00	56.84 2.86 0.00	64.88 3.50 0.00	68.74 3.83 0.00	70.98 4.14 0.00	71.56 4.18 0.00	71.28 4.03 0.00	72.53 4.17 0.00	71.83 4.19 0.00	72.49 4.23 0.00	71.42 4.11 0.00	71.29 3.91 0.00	71.16 3.77 0.00	72.03 3.88 0.00	56.31 2.73 0.00	53.80 2.37 0.00
DUNKIRK___1 23563	43.42 -7.25 0.00	37.62 -6.54 0.00	36.53 -6.96 0.00	33.55 -6.53 0.00	32.13 -5.89 0.00	29.32 -5.21 0.00	30.93 -5.16 0.00	33.17 -7.33 0.00	36.56 -7.10 2.73	41.98 -8.26 3.73	49.24 -9.39 2.75	51.34 -9.87 3.70	56.03 -10.03 0.78	57.34 -10.04 0.01	57.15 -10.09 0.01	58.10 -10.25 0.01	57.48 -10.15 0.01	58.01 -10.24 0.01	57.21 -10.10 0.01	55.92 -10.51 0.95	54.33 -10.31 2.74	54.26 -10.56 3.33	45.54 -8.04 0.00	43.41 -8.02 0.00
DUNKIRK___2 23564	43.42 -7.25 0.00	37.62 -6.54 0.00	36.53 -6.96 0.00	33.55 -6.53 0.00	32.13 -5.89 0.00	29.32 -5.21 0.00	30.93 -5.16 0.00	33.17 -7.33 0.00	36.56 -7.10 2.73	41.98 -8.26 3.73	49.24 -9.39 2.75	51.34 -9.87 3.70	56.03 -10.03 0.78	57.34 -10.04 0.01	57.15 -10.09 0.01	58.10 -10.25 0.01	57.48 -10.15 0.01	58.01 -10.24 0.01	57.21 -10.10 0.01	55.92 -10.51 0.95	54.33 -10.31 2.74	54.26 -10.56 3.33	45.54 -8.04 0.00	43.41 -8.02 0.00
DUNKIRK___3 23565	43.88 -6.79 0.00	38.06 -6.09 0.00	36.97 -6.52 0.00	33.95 -6.13 0.00	32.48 -5.55 0.00	29.66 -4.87 0.00	31.26 -4.84 0.00	33.50 -7.01 0.00	36.92 -6.73 2.74	42.41 -7.83 3.74	49.72 -8.90 2.76	51.79 -9.41 3.71	56.49 -9.56 0.79	57.81 -9.57 0.01	57.69 -9.55 0.01	58.64 -9.71 0.01	57.96 -9.67 0.01	58.49 -9.76 0.01	57.75 -9.56 0.01	56.45 -9.97 0.96	54.80 -9.84 2.75	54.79 -10.02 3.34	45.97 -7.61 0.00	43.87 -7.56 0.00
DUNKIRK___4 23566	43.88 -6.79 0.00	38.06 -6.09 0.00	36.97 -6.52 0.00	33.95 -6.13 0.00	32.48 -5.55 0.00	29.66 -4.87 0.00	31.26 -4.84 0.00	33.50 -7.01 0.00	36.92 -6.73 2.74	42.41 -7.83 3.74	49.72 -8.90 2.76	51.79 -9.41 3.71	56.49 -9.56 0.79	57.81 -9.57 0.01	57.69 -9.55 0.01	58.64 -9.71 0.01	57.96 -9.67 0.01	58.49 -9.76 0.01	57.75 -9.56 0.01	56.45 -9.97 0.96	54.80 -9.84 2.75	54.79 -10.02 3.34	45.97 -7.61 0.00	43.87 -7.56 0.00
EAST HAMPTON___GT 23717	65.87 7.55 -7.66	75.87 9.23 -22.49	71.34 9.00 -18.84	67.77 8.90 -18.79	59.46 8.48 -12.95	57.25 7.74 -14.98	67.65 8.16 -23.40	48.48 7.98 0.00	54.82 8.49 0.05	72.93 10.09 -8.86	81.32 13.75 -6.19	87.45 16.16 -6.38	91.43 17.31 -7.29	98.81 18.19 -13.23	99.82 18.22 -14.35	103.02 18.05 -16.62	102.45 17.38 -17.44	96.83 17.00 -11.58	90.45 17.10 -6.03	86.51 17.18 -1.94	83.81 11.72 -4.70	80.98 12.40 -0.43	78.08 8.89 -15.61	74.83 7.77 -15.63
EAST RIVER___6 23660	55.28 4.61 -0.01	47.86 3.71 0.00	47.06 3.57 0.00	43.37 3.29 0.00	41.15 3.12 0.00	37.30 2.76 0.00	39.12 3.03 0.00	44.19 3.69 0.00	50.84 4.50 0.05	59.14 5.24 0.07	69.20 6.38 -1.43	71.59 6.75 0.07	74.24 7.42 0.01	80.46 7.48 -5.60	82.34 7.40 -7.69	83.42 7.52 -7.55	84.72 7.51 -9.57	84.72 7.58 -8.89	80.90 7.61 -5.98	77.01 7.68 -1.94	79.70 7.61 -4.70	75.90 7.56 -0.18	73.08 5.41 -14.09	68.99 4.68 -12.88
EAST RIVER___7 23524	55.28 4.61 -0.01	47.86 3.71 0.00	47.06 3.57 0.00	43.37 3.29 0.00	41.15 3.12 0.00	37.30 2.76 0.00	39.12 3.03 0.00	44.19 3.69 0.00	50.84 4.50 0.05	59.14 5.24 0.07	69.20 6.38 -1.43	71.59 6.75 0.07	74.24 7.42 0.01	80.46 7.48 -5.60	82.34 7.40 -7.69	83.42 7.52 -7.55	84.72 7.51 -9.57	84.72 7.58 -8.89	80.90 7.61 -5.98	77.01 7.68 -1.94	79.70 7.61 -4.70	75.90 7.56 -0.18	73.08 5.41 -14.09	68.99 4.68 -12.88
EAST_HAMPTON___DIESEL 23722	65.87 7.55 -7.66	75.87 9.23 -22.49	71.34 9.00 -18.84	67.77 8.90 -18.79	59.46 8.48 -12.95	57.25 7.74 -14.98	67.65 8.16 -23.40	48.48 7.98 0.00	54.82 8.49 0.05	72.93 10.09 -8.86	81.32 13.75 -6.19	87.45 16.16 -6.38	91.43 17.31 -7.29	98.81 18.19 -13.23	99.82 18.22 -14.35	103.02 18.05 -16.62	102.45 17.38 -17.44	96.83 17.00 -11.58	90.45 17.10 -6.03	86.51 17.18 -1.94	83.81 11.72 -4.70	80.98 12.40 -0.43	78.08 8.89 -15.61	74.83 7.77 -15.63
EAST_RIVER___1 323558	55.23 4.56 -0.01	47.82 3.66 0.00	47.01 3.52 0.00	43.33 3.25 0.00	41.11 3.08 0.00	37.26 2.73 0.00	39.09 3.00 0.00	44.23 3.73 0.00	50.88 4.55 0.05	59.14 5.24 0.07	69.18 6.38 -1.42	71.65 6.82 0.07	74.31 7.49 0.01	80.53 7.55 -5.60	82.41 7.46 -7.69	83.42 7.52 -7.55	84.78 7.58 -9.57	84.79 7.64 -8.89	80.93 7.61 -6.01	77.08 7.75 -1.94	79.70 7.61 -4.70	75.89 7.56 -0.18	72.92 5.36 -13.98	68.84 4.63 -12.78
EAST_RIVER___2 323559	55.28 4.61 -0.01	47.86 3.71 0.00	47.06 3.57 0.00	43.37 3.29 0.00	41.15 3.12 0.00	37.30 2.76 0.00	39.12 3.03 0.00	44.19 3.69 0.00	50.84 4.50 0.05	59.14 5.24 0.07	69.20 6.38 -1.43	71.59 6.75 0.07	74.24 7.42 0.01	80.46 7.48 -5.60	82.34 7.40 -7.69	83.42 7.52 -7.55	84.72 7.51 -9.57	84.72 7.58 -8.89	80.90 7.61 -5.98	77.01 7.68 -1.94	79.70 7.61 -4.70	75.90 7.56 -0.18	73.08 5.41 -14.09	68.99 4.68 -12.88
ELEC_TRO_TEK 24086	62.99 4.66 -7.66	70.40 3.75 -22.49	65.99 3.65 -18.84	62.24 3.37 -18.79	54.17 3.19 -12.95	52.34 2.83 -14.98	62.64 3.14 -23.40	44.19 3.69 0.00	50.88 4.55 0.05	68.08 5.24 -8.86	73.77 6.20 -6.19	77.85 6.56 -6.38	81.34 7.22 -7.29	88.16 7.55 -13.23	89.06 7.46 -14.35	92.56 7.59 -16.62	92.65 7.58 -17.44	87.34 7.57 -11.58	80.48 7.14 -6.03	77.08 7.75 -1.94	79.30 7.21 -4.70	76.21 7.63 -0.43	74.60 5.41 -15.61	71.85 4.78 -15.63
E_CANADA_CAP_HY 24051	51.88 1.22 0.00	45.22 1.06 0.00	44.66 1.17 0.00	41.13 1.04 0.00	38.94 0.91 0.00	35.47 0.93 0.00	36.96 0.87 0.00	41.44 0.93 0.00	47.30 0.97 0.06	54.87 0.97 0.08	62.67 1.35 0.06	66.25 1.43 0.08	68.69 1.87 0.02	68.93 1.55 0.00	68.53 1.28 0.00	69.72 1.37 0.00	68.99 1.35 0.00	69.76 1.50 0.00	68.86 1.55 0.00	68.98 1.62 0.02	68.81 1.48 0.06	69.51 1.43 0.07	55.13 1.55 0.00	52.98 1.54 0.00
E_CANADA_MHWK_HY 24050	53.05 2.38 0.00	46.01 1.85 0.00	45.23 1.74 0.00	41.65 1.56 0.00	39.51 1.48 0.00	35.81 1.28 0.00	37.50 1.41 0.00	42.16 1.66 0.00	48.61 2.23 0.00	56.84 2.86 0.00	64.88 3.50 0.00	68.74 3.83 0.00	70.98 4.14 0.00	71.56 4.18 0.00	71.28 4.03 0.00	72.53 4.17 0.00	71.83 4.19 0.00	72.49 4.23 0.00	71.42 4.11 0.00	71.29 3.91 0.00	71.16 3.77 0.00	72.03 3.88 0.00	56.31 2.73 0.00	53.80 2.37 0.00
E_FISHKILL___LBMP 23776	54.26 3.60 0.00	47.03 2.87 0.00	46.32 2.83 0.00	42.69 2.61 0.00	40.50 2.47 0.00	36.71 2.18 0.00	38.51 2.42 0.00	43.46 2.96 0.00	49.95 3.62 0.05	58.01 4.10 0.07	66.36 5.03 0.05	70.16 5.32 0.07	72.77 5.95 0.01	78.95 5.93 -5.64	80.91 5.92 -7.75	81.90 5.95 -7.60	83.30 6.02 -9.64	83.28 6.07 -8.95	79.43 6.06 -6.06	75.52 6.20 -1.94	78.18 6.06 -4.73	74.09 6.00 0.06	57.75 4.18 0.00	55.09 3.65 0.00
FAR ROCKAWAY___4 23548	64.15 5.83 -7.66	71.01 4.37 -22.49	66.86 4.52 -18.84	63.04 4.17 -18.79	54.94 3.95 -12.95	52.89 3.38 -14.98	63.21 3.72 -23.40	44.80 4.29 0.00	51.62 5.29 0.05	69.16 6.32 -8.86	74.69 7.12 -6.19	78.37 7.07 -6.38	82.01 7.89 -7.29	87.89 7.28 -13.23	88.79 7.20 -14.35	92.29 7.31 -16.62	92.38 7.30 -17.44	87.07 7.23 -11.58	80.35 7.00 -6.03	78.02 8.69 -1.94	80.10 8.02 -4.70	77.44 8.86 -0.43	75.73 6.54 -15.61	72.93 5.86 -15.63



FARRAGUT___LBMP 323566	55.13 4.46 -0.01	47.73 3.58 0.00	46.93 3.44 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.19 2.66 0.00	39.05 2.96 0.00	44.15 3.65 0.00	50.84 4.50 0.05	59.04 5.13 0.07	69.07 6.26 -1.43	71.53 6.69 0.07	74.18 7.35 0.01	80.40 7.41 -5.60	82.27 7.33 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.65 7.51 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.56 7.48 -4.70	75.76 7.43 -0.18	72.92 5.25 -14.09	68.89 4.58 -12.88
FENNER___WINDPWR 24204	50.56 -0.10 0.00	43.94 -0.22 0.00	43.10 -0.39 0.00	39.69 -0.40 0.00	37.65 -0.38 0.00	34.19 -0.35 0.00	35.88 -0.22 0.00	40.14 -0.36 0.00	46.34 -0.05 0.00	54.08 0.11 0.00	61.69 0.31 0.00	65.30 0.39 0.00	67.51 0.67 0.00	67.99 0.61 0.00	67.72 0.47 0.00	68.83 0.48 0.00	68.04 0.41 0.00	68.66 0.41 0.00	67.65 0.34 0.00	67.52 0.13 0.00	67.52 0.13 0.00	68.49 0.34 0.00	53.63 0.05 0.00	51.33 -0.10 0.00
FIBERTEK___ENERGY 23856	49.70 -0.96 0.00	43.27 -0.88 0.00	42.49 -1.00 0.00	39.13 -0.96 0.00	37.15 -0.87 0.00	33.74 -0.79 0.00	35.33 -0.76 0.00	39.33 -1.17 0.00	45.50 -0.93 -0.04	53.00 -1.03 -0.05	60.38 -1.04 -0.04	63.92 -1.04 -0.05	66.05 -0.80 -0.01	66.64 -0.74 0.00	66.44 -0.81 0.00	67.54 -0.82 0.00	66.82 -0.81 0.00	67.37 -0.89 0.00	66.37 -0.94 0.00	66.25 -1.15 -0.01	66.35 -1.08 -0.04	67.18 -1.02 -0.05	52.61 -0.96 0.00	50.46 -0.98 0.00
FITZPATRICK____ 23598	48.94 -1.72 0.00	42.61 -1.55 0.00	41.88 -1.61 0.00	38.56 -1.52 0.00	36.62 -1.41 0.00	33.29 -1.24 0.00	34.79 -1.30 0.00	38.76 -1.74 0.00	44.67 -1.72 0.00	51.98 -2.00 0.00	59.11 -2.27 0.00	62.57 -2.34 0.00	64.50 -2.34 0.00	65.03 -2.36 0.00	64.89 -2.35 0.00	65.96 -2.39 0.00	65.27 -2.37 0.00	65.87 -2.39 0.00	64.89 -2.42 0.00	64.96 -2.43 0.00	64.96 -2.43 0.00	65.76 -2.39 0.00	51.70 -1.88 0.00	49.58 -1.85 0.00
FORT ORANGE____ 23900	53.05 2.38 0.00	46.10 1.94 0.00	45.62 2.13 0.00	42.17 2.08 0.00	39.66 1.64 0.00	35.98 1.45 0.00	37.54 1.44 0.00	42.25 1.74 0.00	48.02 1.67 0.04	55.59 1.67 0.06	63.43 2.09 0.04	66.99 2.14 0.05	69.43 2.61 0.01	70.26 2.29 -0.59	69.67 1.61 -0.80	70.72 1.57 -0.79	70.26 1.62 -1.00	70.89 1.71 -0.93	69.69 1.75 -0.63	69.53 1.95 -0.19	69.66 1.82 -0.46	69.87 1.77 0.05	55.34 1.77 0.00	53.13 1.70 0.00
FORT_DRUM_COGEN 23780	51.07 0.41 0.00	44.24 0.09 0.00	43.23 -0.26 0.00	39.81 -0.28 0.00	37.72 -0.30 0.00	34.26 -0.28 0.00	35.84 -0.25 0.00	40.58 0.08 0.00	46.85 0.46 0.00	54.89 0.92 0.00	62.48 1.10 0.00	66.14 1.23 0.00	68.58 1.74 0.00	68.60 1.21 0.00	68.26 1.01 0.00	69.38 1.03 0.00	68.51 0.88 0.00	69.01 0.75 0.00	67.79 0.47 0.00	67.65 0.27 0.00	67.99 0.61 0.00	69.85 1.70 0.00	54.65 1.07 0.00	52.10 0.67 0.00
FPL_FAR_ROCK_GT1 24212	64.15 5.83 -7.66	71.01 4.37 -22.49	66.86 4.52 -18.84	63.04 4.17 -18.79	54.94 3.95 -12.95	52.89 3.38 -14.98	63.21 3.72 -23.40	44.80 4.29 0.00	51.62 5.29 0.05	69.16 6.32 -8.86	74.69 7.12 -6.19	78.37 7.07 -6.38	82.01 7.89 -7.29	87.89 7.28 -13.23	88.79 7.20 -14.35	92.29 7.31 -16.62	92.38 7.30 -17.44	87.07 7.23 -11.58	80.35 7.00 -6.03	78.02 8.69 -1.94	80.10 8.02 -4.70	77.44 8.86 -0.43	75.73 6.54 -15.61	72.93 5.86 -15.63
FPL_FAR_ROCK_GT2 23815	64.15 5.83 -7.66	71.01 4.37 -22.49	66.86 4.52 -18.84	63.04 4.17 -18.79	54.94 3.95 -12.95	52.89 3.38 -14.98	63.21 3.72 -23.40	44.80 4.29 0.00	51.62 5.29 0.05	69.16 6.32 -8.86	74.69 7.12 -6.19	78.37 7.07 -6.38	82.01 7.89 -7.29	87.89 7.28 -13.23	88.79 7.20 -14.35	92.29 7.31 -16.62	92.38 7.30 -17.44	87.07 7.23 -11.58	80.35 7.00 -6.03	78.02 8.69 -1.94	80.10 8.02 -4.70	77.44 8.86 -0.43	75.73 6.54 -15.61	72.93 5.86 -15.63
FRANKLIN_FALL_HYD 24054	51.22 0.56 0.00	44.64 0.49 0.00	43.71 0.22 0.00	40.29 0.20 0.00	38.22 0.19 0.00	34.74 0.21 0.00	36.31 0.22 0.00	41.44 0.93 0.00	47.13 0.74 0.00	55.11 1.13 0.00	62.42 1.04 0.00	65.95 1.04 0.00	67.77 0.94 0.00	67.92 0.54 0.00	67.85 0.61 0.00	69.04 0.68 0.00	68.18 0.54 0.00	68.80 0.55 0.00	67.59 0.27 0.00	67.79 0.40 0.00	67.99 0.61 0.00	69.44 1.29 0.00	54.54 0.96 0.00	52.41 0.98 0.00
FREEPORT_EQUS_GT1 23764	64.05 5.73 -7.66	71.28 4.64 -22.49	66.81 4.48 -18.84	63.04 4.17 -18.79	54.90 3.92 -12.95	53.03 3.52 -14.98	63.32 3.83 -23.40	44.96 4.46 0.00	51.81 5.47 0.05	69.32 6.48 -8.86	75.42 7.86 -6.19	79.66 8.37 -6.38	83.01 8.89 -7.29	89.58 8.96 -13.23	90.48 8.88 -14.35	94.00 9.02 -16.62	94.00 8.93 -17.44	88.91 9.08 -11.58	82.10 8.75 -6.03	78.56 9.23 -1.94	80.64 8.56 -4.70	77.71 9.13 -0.43	75.73 6.54 -15.61	72.88 5.81 -15.63
FULTON COGEN____ 23766	49.80 -0.86 0.00	43.32 -0.84 0.00	42.53 -0.96 0.00	39.17 -0.92 0.00	37.15 -0.87 0.00	33.77 -0.76 0.00	35.30 -0.79 0.00	39.37 -1.13 0.00	45.46 -0.93 0.00	53.00 -0.97 0.00	60.58 -0.80 0.00	64.13 -0.78 0.00	66.24 -0.60 0.00	66.84 -0.54 0.00	66.64 -0.61 0.00	67.74 -0.62 0.00	67.03 -0.61 0.00	67.64 -0.61 0.00	66.58 -0.74 0.00	66.51 -0.88 0.00	66.31 -1.08 0.00	67.20 -0.95 0.00	52.72 -0.86 0.00	50.56 -0.87 0.00
Freeport___CT2 23818	64.05 5.73 -7.66	71.28 4.64 -22.49	66.81 4.48 -18.84	63.04 4.17 -18.79	54.90 3.92 -12.95	53.03 3.52 -14.98	63.32 3.83 -23.40	44.96 4.46 0.00	51.81 5.47 0.05	69.32 6.48 -8.86	75.42 7.86 -6.19	79.66 8.37 -6.38	83.01 8.89 -7.29	89.58 8.96 -13.23	90.48 8.88 -14.35	94.00 9.02 -16.62	94.00 8.93 -17.44	88.91 9.08 -11.58	82.10 8.75 -6.03	78.56 9.23 -1.94	80.64 8.56 -4.70	77.71 9.13 -0.43	75.73 6.54 -15.61	72.88 5.81 -15.63
G.F.CEMENT___DRP 24184	53.25 2.58 0.00	46.28 2.12 0.00	45.75 2.26 0.00	42.29 2.20 0.00	40.12 2.09 0.00	36.40 1.86 0.00	37.86 1.77 0.00	42.69 2.19 0.00	48.47 2.09 0.00	55.65 1.67 0.00	63.28 1.90 0.00	66.53 1.62 0.00	68.91 2.07 0.00	69.27 1.42 -0.47	68.97 1.08 -0.65	70.09 1.09 -0.64	69.73 1.29 -0.81	70.92 1.91 -0.75	70.25 2.42 -0.51	70.31 2.76 -0.16	70.28 2.49 -0.40	70.74 2.59 0.00	56.04 2.46 0.00	54.01 2.57 0.00
GARDENVILLE___LBMP 24039	45.09 -5.57 0.00	39.25 -4.90 0.00	38.05 -5.44 0.00	34.96 -5.13 0.00	33.43 -4.60 0.00	30.60 -3.94 0.00	32.09 -4.01 0.00	33.70 -6.80 0.00	37.07 -6.22 3.10	42.55 -7.18 4.24	49.91 -8.35 3.12	51.88 -8.83 4.20	56.92 -9.02 0.89	58.21 -9.16 0.01	57.96 -9.28 0.01	58.92 -9.43 0.01	58.23 -9.40 0.01	58.76 -9.49 0.01	58.02 -9.29 0.01	56.87 -9.43 1.08	54.97 -9.30 3.11	54.96 -9.40 3.78	46.82 -6.75 0.00	44.90 -6.53 0.00
GENERAL___MILLS 23808	45.24 -5.42 0.00	39.39 -4.77 0.00	38.18 -5.31 0.00	35.04 -5.05 0.00	33.54 -4.49 0.00	30.70 -3.83 0.00	32.16 -3.93 0.00	33.78 -6.72 0.00	37.22 -6.12 3.04	42.80 -7.02 4.15	50.10 -8.22 3.06	52.09 -8.70 4.12	57.08 -8.89 0.87	58.35 -9.03 0.01	58.03 -9.21 0.01	58.98 -9.36 0.01	58.36 -9.27 0.01	58.90 -9.35 0.01	58.15 -9.15 0.01	57.02 -9.30 1.06	55.17 -9.16 3.05	55.18 -9.27 3.70	46.93 -6.64 0.00	45.06 -6.38 0.00
GE_PLASTICS___DRP 24183	52.39 1.72 0.00	45.57 1.41 0.00	45.06 1.57 0.00	41.61 1.52 0.00	39.32 1.29 0.00	35.67 1.14 0.00	37.21 1.12 0.00	41.80 1.30 0.00	47.55 1.21 0.04	55.11 1.19 0.05	62.75 1.41 0.04	66.35 1.49 0.05	68.63 1.80 0.01	68.93 1.55 0.00	68.66 1.41 0.00	69.79 1.44 0.00	69.12 1.49 0.00	69.76 1.50 0.00	68.86 1.55 0.00	69.12 1.75 0.01	69.03 1.68 0.04	69.74 1.64 0.05	54.81 1.23 0.00	52.57 1.13 0.00



GILBOA___1 23756	52.39 1.72 0.00	45.61 1.46 0.00	45.27 1.78 0.00	41.77 1.68 0.00	39.59 1.56 0.00	35.92 1.38 0.00	37.46 1.37 0.00	41.88 1.38 0.00	47.95 1.62 0.06	55.68 1.78 0.08	63.53 2.21 0.06	67.10 2.27 0.08	69.49 2.67 0.02	68.77 2.43 1.04	68.17 2.35 1.43	69.34 2.39 1.40	68.29 2.43 1.78	69.06 2.46 1.65	68.69 2.49 1.12	69.70 2.70 0.38	69.07 2.63 0.94	70.67 2.59 0.07	55.40 1.82 0.00	53.03 1.59 0.00
GILBOA___2 23757	52.39 1.72 0.00	45.61 1.46 0.00	45.27 1.78 0.00	41.77 1.68 0.00	39.59 1.56 0.00	35.92 1.38 0.00	37.46 1.37 0.00	41.88 1.38 0.00	47.95 1.62 0.06	55.68 1.78 0.08	63.53 2.21 0.06	67.10 2.27 0.08	69.49 2.67 0.02	68.77 2.43 1.04	68.17 2.35 1.43	69.34 2.39 1.40	68.29 2.43 1.78	69.06 2.46 1.65	68.69 2.49 1.12	69.70 2.70 0.38	69.07 2.63 0.94	70.67 2.59 0.07	55.40 1.82 0.00	53.03 1.59 0.00
GILBOA___3 23758	52.39 1.72 0.00	45.61 1.46 0.00	45.27 1.78 0.00	41.77 1.68 0.00	39.59 1.56 0.00	35.92 1.38 0.00	37.46 1.37 0.00	41.88 1.38 0.00	47.95 1.62 0.06	55.68 1.78 0.08	63.53 2.21 0.06	67.10 2.27 0.08	69.49 2.67 0.02	68.77 2.43 1.04	68.17 2.35 1.43	69.34 2.39 1.40	68.29 2.43 1.78	69.06 2.46 1.65	68.69 2.49 1.12	69.70 2.70 0.38	69.07 2.63 0.94	70.67 2.59 0.07	55.40 1.82 0.00	53.03 1.59 0.00
GILBOA___4 23759	52.39 1.72 0.00	45.61 1.46 0.00	45.27 1.78 0.00	41.77 1.68 0.00	39.59 1.56 0.00	35.92 1.38 0.00	37.46 1.37 0.00	41.88 1.38 0.00	47.95 1.62 0.06	55.68 1.78 0.08	63.53 2.21 0.06	67.10 2.27 0.08	69.49 2.67 0.02	68.77 2.43 1.04	68.17 2.35 1.43	69.34 2.39 1.40	68.29 2.43 1.78	69.06 2.46 1.65	68.69 2.49 1.12	69.70 2.70 0.38	69.07 2.63 0.94	70.67 2.59 0.07	55.40 1.82 0.00	53.03 1.59 0.00
GILBOA____ 23599	52.39 1.72 0.00	45.61 1.46 0.00	45.27 1.78 0.00	41.77 1.68 0.00	39.59 1.56 0.00	35.92 1.38 0.00	37.46 1.37 0.00	41.88 1.38 0.00	47.95 1.62 0.06	55.68 1.78 0.08	63.53 2.21 0.06	67.10 2.27 0.08	69.49 2.67 0.02	68.77 2.43 1.04	68.17 2.35 1.43	69.34 2.39 1.40	68.29 2.43 1.78	69.06 2.46 1.65	68.69 2.49 1.12	69.70 2.70 0.38	69.07 2.63 0.94	70.67 2.59 0.07	55.40 1.82 0.00	53.03 1.59 0.00
GINNA____ 23603	45.80 -4.86 0.00	39.78 -4.37 0.00	38.92 -4.57 0.00	35.76 -4.33 0.00	34.00 -4.03 0.00	31.15 -3.38 0.00	32.52 -3.57 0.00	35.20 -5.31 0.00	37.66 -5.10 3.62	43.09 -5.94 4.95	51.04 -6.69 3.65	52.93 -7.07 4.90	58.71 -7.08 1.04	60.37 -7.01 0.01	60.25 -6.99 0.01	61.31 -7.04 0.01	60.66 -6.97 0.01	61.22 -7.03 0.01	60.31 -7.00 0.01	58.84 -7.28 1.27	56.61 -7.14 3.63	56.65 -7.09 4.41	48.11 -5.46 0.00	46.29 -5.14 0.00
GLEN PARK____ 23778	51.27 0.61 0.00	44.42 0.26 0.00	43.40 -0.09 0.00	39.97 -0.12 0.00	37.88 -0.15 0.00	34.40 -0.14 0.00	35.98 -0.11 0.00	40.71 0.20 0.00	47.04 0.65 0.00	55.06 1.08 0.00	62.73 1.35 0.00	66.40 1.49 0.00	68.84 2.01 0.00	69.00 1.62 0.00	68.59 1.34 0.00	69.72 1.37 0.00	68.85 1.22 0.00	69.35 1.09 0.00	68.12 0.81 0.00	67.99 0.61 0.00	68.33 0.94 0.00	70.06 1.91 0.00	54.86 1.29 0.00	52.31 0.87 0.00
GLENWOOD_IC_1_G5 23712	63.29 4.97 -7.66	70.66 4.02 -22.49	66.20 3.87 -18.84	62.44 3.57 -18.79	54.36 3.38 -12.95	52.52 3.00 -14.98	62.78 3.28 -23.40	44.43 3.93 0.00	51.16 4.82 0.05	68.51 5.67 -8.86	74.50 6.94 -6.19	78.69 7.40 -6.38	82.14 8.02 -7.29	88.16 7.55 -13.23	89.06 7.46 -14.35	92.56 7.59 -16.62	92.65 7.58 -17.44	87.41 7.58 -11.58	81.16 7.81 -6.03	77.48 8.15 -1.94	79.90 7.82 -4.70	76.55 7.97 -0.43	74.87 5.68 -15.61	72.10 5.04 -15.63
GLENWOOD_IC_2_G1 23688	62.89 4.56 -7.66	70.35 3.71 -22.49	65.90 3.57 -18.84	62.16 3.29 -18.79	54.10 3.12 -12.95	52.27 2.76 -14.98	62.56 3.07 -23.40	44.19 3.69 0.00	50.88 4.55 0.05	68.08 5.24 -8.86	73.95 6.38 -6.19	78.11 6.82 -6.38	81.54 7.42 -7.29	88.16 7.55 -13.23	89.06 7.46 -14.35	92.56 7.59 -16.62	92.58 7.51 -17.44	87.41 7.58 -11.58	80.82 7.47 -6.03	77.08 7.75 -1.94	79.56 7.48 -4.70	76.15 7.56 -0.43	74.55 5.36 -15.61	71.74 4.68 -15.63
GLENWOOD_IC_3_G1 23689	62.89 4.56 -7.66	70.35 3.71 -22.49	65.90 3.57 -18.84	62.16 3.29 -18.79	54.10 3.12 -12.95	52.27 2.76 -14.98	62.56 3.07 -23.40	44.19 3.69 0.00	50.88 4.55 0.05	68.08 5.24 -8.86	73.95 6.38 -6.19	78.11 6.82 -6.38	81.54 7.42 -7.29	88.16 7.55 -13.23	89.06 7.46 -14.35	92.56 7.59 -16.62	92.58 7.51 -17.44	87.41 7.58 -11.58	80.82 7.47 -6.03	77.08 7.75 -1.94	79.56 7.48 -4.70	76.15 7.56 -0.43	74.55 5.36 -15.61	71.74 4.68 -15.63
GLENWOOD___4 23550	63.29 4.97 -7.66	70.66 4.02 -22.49	66.20 3.87 -18.84	62.44 3.57 -18.79	54.36 3.38 -12.95	52.52 3.00 -14.98	62.82 3.32 -23.40	44.43 3.93 0.00	51.21 4.87 0.05	68.56 5.72 -8.86	74.50 6.94 -6.19	78.69 7.40 -6.38	82.14 8.02 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.77 7.79 -16.62	92.78 7.71 -17.44	87.54 7.71 -11.58	81.16 7.81 -6.03	77.48 8.15 -1.94	79.83 7.75 -4.70	76.55 7.97 -0.43	74.87 5.68 -15.61	72.10 5.04 -15.63
GLENWOOD___5 23614	63.29 4.97 -7.66	70.66 4.02 -22.49	66.20 3.87 -18.84	62.44 3.57 -18.79	54.36 3.38 -12.95	52.52 3.00 -14.98	62.82 3.32 -23.40	44.43 3.93 0.00	51.21 4.87 0.05	68.56 5.72 -8.86	74.50 6.94 -6.19	78.69 7.40 -6.38	82.14 8.02 -7.29	88.30 7.68 -13.23	89.20 7.60 -14.35	92.77 7.79 -16.62	92.78 7.71 -17.44	87.54 7.71 -11.58	81.16 7.81 -6.03	77.48 8.15 -1.94	79.83 7.75 -4.70	76.55 7.97 -0.43	74.87 5.68 -15.61	72.10 5.04 -15.63
GLOBAL GREEN_PORT_GT1 23814	65.87 7.55 -7.66	75.87 9.23 -22.49	71.34 9.00 -18.84	67.77 8.90 -18.79	59.46 8.48 -12.95	57.25 7.74 -14.98	67.65 8.16 -23.40	48.44 7.94 0.00	54.78 8.44 0.05	72.93 10.09 -8.86	81.32 13.75 -6.19	87.52 16.23 -6.38	91.43 17.31 -7.29	98.81 18.19 -13.23	99.82 18.22 -14.35	103.09 18.11 -16.62	102.45 17.38 -17.44	96.83 17.00 -11.58	90.45 17.10 -6.03	86.51 17.18 -1.94	83.81 11.72 -4.70	81.05 12.47 -0.43	78.14 8.95 -15.61	74.83 7.77 -15.63
GOETHSLN___LBMP 323567	55.08 4.41 -0.01	47.64 3.49 0.00	46.84 3.35 0.00	43.21 3.13 0.00	40.99 2.97 0.00	37.16 2.62 0.00	38.98 2.89 0.00	44.11 3.60 0.00	50.74 4.41 0.05	58.98 5.07 0.07	69.01 6.20 -1.43	71.40 6.56 0.07	74.05 7.22 0.01	80.26 7.28 -5.60	82.07 7.13 -7.69	83.02 7.11 -7.55	84.31 7.10 -9.58	84.32 7.17 -8.89	80.67 7.34 -6.02	76.74 7.41 -1.95	82.96 7.28 -8.30	75.56 7.22 -0.18	73.00 5.14 -14.28	68.95 4.47 -13.04
GOUDEY___7 23579	49.09 -1.57 0.00	42.65 -1.50 0.00	41.92 -1.57 0.00	38.60 -1.48 0.00	36.70 -1.33 0.00	33.36 -1.17 0.00	35.05 -1.05 0.00	38.96 -1.54 0.00	44.78 -1.30 0.30	52.05 -1.51 0.42	59.48 -1.60 0.31	62.87 -1.62 0.41	65.28 -1.47 0.09	65.97 -1.42 0.00	65.77 -1.48 0.00	66.85 -1.50 0.00	66.15 -1.49 0.00	66.75 -1.50 0.00	65.90 -1.41 0.00	65.66 -1.62 0.11	65.53 -1.55 0.31	66.08 -1.70 0.37	52.02 -1.55 0.00	49.69 -1.75 0.00
GOUDEY___8 23580	49.09 -1.57 0.00	42.65 -1.50 0.00	41.88 -1.61 0.00	38.56 -1.52 0.00	36.66 -1.37 0.00	33.36 -1.17 0.00	35.01 -1.08 0.00	38.96 -1.54 0.00	44.74 -1.35 0.30	51.99 -1.57 0.42	59.48 -1.60 0.31	62.81 -1.69 0.41	65.21 -1.54 0.09	65.90 -1.48 0.00	65.77 -1.48 0.00	66.85 -1.50 0.00	66.15 -1.49 0.00	66.68 -1.57 0.00	65.83 -1.48 0.00	65.59 -1.68 0.11	65.46 -1.62 0.31	66.08 -1.70 0.37	52.02 -1.55 0.00	49.69 -1.75 0.00



GOWANUS_GT1_1 24077	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT1_2 24078	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT1_3 24079	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT1_4 24080	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT1_5 24084	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT1_6 24111	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT1_7 24112	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT1_8 24113	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT2_1 24114	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT2_2 24115	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT2_3 24116	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT2_4 24117	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT2_5 24118	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT2_6 24119	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT2_7 24120	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT2_8 24121	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28



GOWANUS_GT3_1 24122	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT3_2 24123	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT3_3 24124	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT3_4 24125	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT3_5 24126	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT3_6 24127	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT3_7 24128	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT3_8 24129	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT4_1 24130	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT4_2 24131	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT4_3 24132	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT4_4 24133	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT4_5 24134	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT4_6 24135	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT4_7 24136	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
GOWANUS_GT4_8 24137	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28



GRAHMSVILLE___HY 23607	53.76 3.09 0.00	46.63 2.47 0.00	45.88 2.39 0.00	42.29 2.20 0.00	40.12 2.09 0.00	36.40 1.86 0.00	38.15 2.06 0.00	42.97 2.47 0.00	49.53 3.20 0.05	57.68 3.78 0.07	66.11 4.79 0.05	70.03 5.19 0.07	72.70 5.88 0.02	76.52 6.13 -3.01	77.50 6.12 -4.13	78.69 6.29 -4.05	79.13 6.36 -5.14	79.44 6.42 -4.77	76.87 6.33 -3.23	74.61 6.20 -1.02	75.61 5.73 -2.50	73.81 5.72 0.07	57.54 3.96 0.00	54.78 3.34 0.00
GREENIDGE___3 23582	47.93 -2.74 0.00	41.64 -2.52 0.00	40.66 -2.83 0.00	37.36 -2.73 0.00	35.59 -2.43 0.00	32.43 -2.11 0.00	34.18 -1.91 0.00	37.43 -3.08 0.00	43.79 -2.60 0.00	51.01 -2.97 0.00	58.68 -2.70 0.00	62.12 -2.79 0.00	64.30 -2.54 0.00	64.89 -2.49 0.00	64.69 -2.56 0.00	65.69 -2.67 0.00	65.00 -2.64 0.00	65.59 -2.66 0.00	64.69 -2.63 0.00	64.42 -2.96 0.00	63.88 -3.50 0.00	64.61 -3.54 0.00	50.68 -2.89 0.00	48.40 -3.03 0.00
GREENIDGE___4 23583	47.93 -2.74 0.00	41.64 -2.52 0.00	40.66 -2.83 0.00	37.36 -2.73 0.00	35.59 -2.43 0.00	32.43 -2.11 0.00	34.18 -1.91 0.00	37.43 -3.08 0.00	43.79 -2.60 0.00	51.01 -2.97 0.00	58.68 -2.70 0.00	62.12 -2.79 0.00	64.30 -2.54 0.00	64.89 -2.49 0.00	64.69 -2.56 0.00	65.69 -2.67 0.00	65.00 -2.64 0.00	65.59 -2.66 0.00	64.69 -2.63 0.00	64.42 -2.96 0.00	63.88 -3.50 0.00	64.61 -3.54 0.00	50.68 -2.89 0.00	48.40 -3.03 0.00
GROVEVILLE___HYD 323602	54.11 3.45 0.00	46.85 2.69 0.00	46.10 2.61 0.00	42.49 2.41 0.00	40.35 2.32 0.00	36.54 2.00 0.00	38.33 2.24 0.00	43.30 2.79 0.00	49.86 3.53 0.05	57.96 4.05 0.07	66.36 5.03 0.05	70.23 5.39 0.07	72.91 6.08 0.01	78.05 6.20 -4.47	79.57 6.19 -6.14	80.67 6.29 -6.02	81.57 6.29 -7.64	81.70 6.35 -7.10	78.51 6.40 -4.80	75.39 6.47 -1.53	77.46 6.33 -3.74	74.36 6.27 0.06	57.86 4.29 0.00	55.03 3.60 0.00
HAMPSHIRE___PAPER_HYD 323593	53.05 2.38 0.00	45.97 1.81 0.00	44.75 1.26 0.00	41.21 1.12 0.00	39.09 1.06 0.00	35.47 0.93 0.00	37.10 1.01 0.00	42.29 1.78 0.00	48.75 2.37 0.00	57.21 3.24 0.00	65.12 3.74 0.00	68.87 3.96 0.00	71.38 4.55 0.00	70.28 2.90 0.00	69.94 2.69 0.00	71.16 2.80 0.00	70.21 2.57 0.00	70.78 2.53 0.00	69.40 2.09 0.00	69.88 2.49 0.00	70.35 2.96 0.00	72.85 4.70 0.00	56.95 3.38 0.00	54.26 2.83 0.00
HARZA MOOSE___RIVER 24016	51.22 0.56 0.00	44.46 0.31 0.00	43.58 0.09 0.00	40.17 0.08 0.00	38.10 0.08 0.00	34.53 0.00 0.00	36.20 0.11 0.00	40.83 0.32 0.00	46.99 0.60 0.00	54.95 0.97 0.00	62.48 1.10 0.00	66.14 1.23 0.00	68.38 1.54 0.00	68.53 1.15 0.00	68.26 1.01 0.00	69.38 1.03 0.00	68.58 0.95 0.00	69.14 0.89 0.00	67.99 0.67 0.00	68.06 0.67 0.00	68.26 0.88 0.00	69.65 1.50 0.00	54.54 0.96 0.00	52.10 0.67 0.00
HEMPSTEAD___ 23647	63.44 5.12 -7.66	70.75 4.11 -22.49	66.34 4.00 -18.84	62.56 3.69 -18.79	54.48 3.50 -12.95	52.62 3.11 -14.98	62.93 3.43 -23.40	44.51 4.01 0.00	51.30 4.96 0.05	68.67 5.83 -8.86	74.57 7.00 -6.19	78.75 7.46 -6.38	82.21 8.09 -7.29	88.77 8.15 -13.23	89.67 8.07 -14.35	93.18 8.20 -16.62	93.19 8.12 -17.44	87.95 8.12 -11.58	81.29 7.94 -6.03	77.68 8.36 -1.94	79.97 7.88 -4.70	76.83 8.25 -0.43	75.08 5.89 -15.61	72.26 5.19 -15.63
HICKLING___1 23621	47.78 -2.89 0.00	41.37 -2.78 0.00	40.45 -3.04 0.00	37.16 -2.93 0.00	35.40 -2.62 0.00	32.22 -2.31 0.00	34.04 -2.06 0.00	37.55 -2.96 0.00	43.59 -2.46 0.34	50.70 -2.81 0.47	58.40 -2.64 0.34	61.72 -2.73 0.46	64.27 -2.47 0.10	65.09 -2.29 0.00	64.89 -2.35 0.00	66.03 -2.32 0.00	65.27 -2.37 0.00	65.86 -2.39 0.00	64.89 -2.42 0.00	64.30 -2.96 0.12	63.87 -3.17 0.34	64.46 -3.27 0.42	50.74 -2.84 0.00	48.30 -3.14 0.00
HICKLING___2 23622	47.78 -2.89 0.00	41.42 -2.74 0.00	40.45 -3.04 0.00	37.16 -2.93 0.00	35.40 -2.62 0.00	32.22 -2.31 0.00	34.04 -2.06 0.00	37.55 -2.96 0.00	43.59 -2.46 0.34	50.70 -2.81 0.47	58.40 -2.64 0.34	61.72 -2.73 0.46	64.27 -2.47 0.10	65.09 -2.29 0.00	64.96 -2.29 0.00	66.03 -2.32 0.00	65.27 -2.37 0.00	65.86 -2.39 0.00	64.89 -2.42 0.00	64.30 -2.96 0.12	63.87 -3.17 0.34	64.46 -3.27 0.42	50.74 -2.84 0.00	48.30 -3.14 0.00
HIGH FALLS___HY 23754	54.62 3.95 0.00	47.34 3.18 0.00	46.53 3.04 0.00	42.89 2.81 0.00	40.73 2.70 0.00	36.88 2.35 0.00	38.69 2.60 0.00	43.70 3.20 0.00	50.47 4.13 0.05	58.77 4.86 0.07	67.96 6.63 0.05	72.05 7.20 0.07	74.91 8.09 0.01	78.53 8.42 -2.73	79.47 8.47 -3.74	80.71 8.68 -3.67	81.02 8.72 -4.66	81.39 8.80 -4.33	78.93 8.68 -2.93	76.87 8.56 -0.93	77.13 7.48 -2.26	75.52 7.43 0.06	58.72 5.14 0.00	55.75 4.32 0.00
HILLBURN___GT 23639	54.36 3.70 0.00	47.07 2.91 0.00	46.36 2.83 -0.05	42.75 2.61 -0.06	40.54 2.47 -0.04	36.71 2.18 0.00	38.58 2.49 0.00	43.66 3.16 0.00	50.28 3.94 0.05	58.44 4.53 0.07	67.28 5.95 0.05	71.20 6.36 0.07	73.84 7.02 0.01	79.54 7.21 -4.95	81.24 7.20 -6.79	82.33 7.31 -6.66	83.39 7.30 -8.45	83.48 7.37 -7.85	80.03 7.40 -5.31	76.43 7.34 -1.70	78.33 6.81 -4.14	74.83 6.75 0.06	58.18 4.61 0.00	55.24 3.81 0.00
HOLTSVILLE_IC_1 23690	63.95 5.62 -7.66	74.06 7.42 -22.49	69.64 7.31 -18.84	66.25 7.38 -18.79	58.02 7.04 -12.95	55.90 6.39 -14.98	66.25 6.75 -23.40	46.98 6.48 0.00	53.06 6.73 0.05	70.72 7.88 -8.86	78.00 10.43 -6.19	83.62 12.33 -6.38	87.09 12.97 -7.29	94.29 13.68 -13.23	95.25 13.65 -14.35	98.31 13.33 -16.62	97.86 12.78 -17.44	92.32 12.49 -11.58	86.00 12.66 -6.03	82.53 13.21 -1.94	80.37 8.29 -4.70	77.71 9.13 -0.43	75.73 6.54 -15.61	72.77 5.71 -15.63
HOLTSVILLE_IC_10 23699	64.41 6.08 -7.66	74.19 7.55 -22.49	69.77 7.44 -18.84	66.33 7.46 -18.79	58.09 7.11 -12.95	55.97 6.46 -14.98	66.32 6.82 -23.40	47.11 6.60 0.00	53.34 7.00 0.05	71.05 8.20 -8.86	78.37 10.80 -6.19	84.01 12.72 -6.38	87.42 13.30 -7.29	94.63 14.02 -13.23	95.59 13.99 -14.35	98.72 13.74 -16.62	98.26 13.19 -17.44	92.73 12.90 -11.58	86.34 12.99 -6.03	82.94 13.61 -1.94	81.05 8.96 -4.70	78.39 9.81 -0.43	76.21 7.02 -15.61	73.18 6.12 -15.63
HOLTSVILLE_IC_2 23691	63.95 5.62 -7.66	74.06 7.42 -22.49	69.64 7.31 -18.84	66.25 7.38 -18.79	58.02 7.04 -12.95	55.90 6.39 -14.98	66.25 6.75 -23.40	46.98 6.48 0.00	53.06 6.73 0.05	70.72 7.88 -8.86	78.00 10.43 -6.19	83.62 12.33 -6.38	87.09 12.97 -7.29	94.29 13.68 -13.23	95.25 13.65 -14.35	98.31 13.33 -16.62	97.86 12.78 -17.44	92.32 12.49 -11.58	86.00 12.66 -6.03	82.53 13.21 -1.94	80.37 8.29 -4.70	77.71 9.13 -0.43	75.73 6.54 -15.61	72.77 5.71 -15.63
HOLTSVILLE_IC_3 23692	63.95 5.62 -7.66	74.06 7.42 -22.49	69.64 7.31 -18.84	66.25 7.38 -18.79	58.02 7.04 -12.95	55.90 6.39 -14.98	66.25 6.75 -23.40	46.98 6.48 0.00	53.06 6.73 0.05	70.72 7.88 -8.86	78.00 10.43 -6.19	83.62 12.33 -6.38	87.09 12.97 -7.29	94.29 13.68 -13.23	95.25 13.65 -14.35	98.31 13.33 -16.62	97.86 12.78 -17.44	92.32 12.49 -11.58	86.00 12.66 -6.03	82.53 13.21 -1.94	80.37 8.29 -4.70	77.71 9.13 -0.43	75.73 6.54 -15.61	72.77 5.71 -15.63
HOLTSVILLE_IC_4 23693	63.95 5.62 -7.66	74.06 7.42 -22.49	69.64 7.31 -18.84	66.25 7.38 -18.79	58.02 7.04 -12.95	55.90 6.39 -14.98	66.25 6.75 -23.40	46.98 6.48 0.00	53.06 6.73 0.05	70.72 7.88 -8.86	78.00 10.43 -6.19	83.62 12.33 -6.38	87.09 12.97 -7.29	94.29 13.68 -13.23	95.25 13.65 -14.35	98.31 13.33 -16.62	97.86 12.78 -17.44	92.32 12.49 -11.58	86.00 12.66 -6.03	82.53 13.21 -1.94	80.37 8.29 -4.70	77.71 9.13 -0.43	75.73 6.54 -15.61	72.77 5.71 -15.63



HOLTSVILLE_IC_5 23694	63.95 5.62 -7.66	74.06 7.42 -22.49	69.64 7.31 -18.84	66.25 7.38 -18.79	58.02 7.04 -12.95	55.90 6.39 -14.98	66.25 6.75 -23.40	46.98 6.48 0.00	53.06 6.73 0.05	70.72 7.88 -8.86	78.00 10.43 -6.19	83.62 12.33 -6.38	87.09 12.97 -7.29	94.29 13.68 -13.23	95.25 13.65 -14.35	98.31 13.33 -16.62	97.86 12.78 -17.44	92.32 12.49 -11.58	86.00 12.66 -6.03	82.53 13.21 -1.94	80.37 8.29 -4.70	77.71 9.13 -0.43	75.73 6.54 -15.61	72.77 5.71 -15.63
HOLTSVILLE_IC_6 23695	64.41 6.08 -7.66	74.19 7.55 -22.49	69.77 7.44 -18.84	66.33 7.46 -18.79	58.09 7.11 -12.95	55.97 6.46 -14.98	66.32 6.82 -23.40	47.11 6.60 0.00	53.34 7.00 0.05	71.05 8.20 -8.86	78.37 10.80 -6.19	84.01 12.72 -6.38	87.42 13.30 -7.29	94.63 14.02 -13.23	95.59 13.99 -14.35	98.72 13.74 -16.62	98.26 13.19 -17.44	92.73 12.90 -11.58	86.34 12.99 -6.03	82.94 13.61 -1.94	81.05 8.96 -4.70	78.39 9.81 -0.43	76.21 7.02 -15.61	73.18 6.12 -15.63
HOLTSVILLE_IC_7 23696	64.41 6.08 -7.66	74.19 7.55 -22.49	69.77 7.44 -18.84	66.33 7.46 -18.79	58.09 7.11 -12.95	55.97 6.46 -14.98	66.32 6.82 -23.40	47.11 6.60 0.00	53.34 7.00 0.05	71.05 8.20 -8.86	78.37 10.80 -6.19	84.01 12.72 -6.38	87.42 13.30 -7.29	94.63 14.02 -13.23	95.59 13.99 -14.35	98.72 13.74 -16.62	98.26 13.19 -17.44	92.73 12.90 -11.58	86.34 12.99 -6.03	82.94 13.61 -1.94	81.05 8.96 -4.70	78.39 9.81 -0.43	76.21 7.02 -15.61	73.18 6.12 -15.63
HOLTSVILLE_IC_8 23697	64.41 6.08 -7.66	74.19 7.55 -22.49	69.77 7.44 -18.84	66.33 7.46 -18.79	58.09 7.11 -12.95	55.97 6.46 -14.98	66.32 6.82 -23.40	47.11 6.60 0.00	53.34 7.00 0.05	71.05 8.20 -8.86	78.37 10.80 -6.19	84.01 12.72 -6.38	87.42 13.30 -7.29	94.63 14.02 -13.23	95.59 13.99 -14.35	98.72 13.74 -16.62	98.26 13.19 -17.44	92.73 12.90 -11.58	86.34 12.99 -6.03	82.94 13.61 -1.94	81.05 8.96 -4.70	78.39 9.81 -0.43	76.21 7.02 -15.61	73.18 6.12 -15.63
HOLTSVILLE_IC_9 23698	64.41 6.08 -7.66	74.19 7.55 -22.49	69.77 7.44 -18.84	66.33 7.46 -18.79	58.09 7.11 -12.95	55.97 6.46 -14.98	66.32 6.82 -23.40	47.11 6.60 0.00	53.34 7.00 0.05	71.05 8.20 -8.86	78.37 10.80 -6.19	84.01 12.72 -6.38	87.42 13.30 -7.29	94.63 14.02 -13.23	95.59 13.99 -14.35	98.72 13.74 -16.62	98.26 13.19 -17.44	92.73 12.90 -11.58	86.34 12.99 -6.03	82.94 13.61 -1.94	81.05 8.96 -4.70	78.39 9.81 -0.43	76.21 7.02 -15.61	73.18 6.12 -15.63
HQ_GEN_CEDARS 23644	55.58 4.91 0.00	48.09 3.93 0.00	46.62 3.13 0.00	42.93 2.85 0.00	40.69 2.66 0.00	36.92 2.38 0.00	38.55 2.45 0.00	44.27 3.77 0.00	51.12 4.73 0.00	60.24 6.26 0.00	68.44 7.06 0.00	72.37 7.46 0.00	75.06 8.22 0.00	73.52 6.13 0.00	73.03 5.78 0.00	74.44 6.08 0.00	73.32 5.68 0.00	73.99 5.73 0.00	72.43 5.12 0.00	73.04 5.66 0.00	73.58 6.20 0.00	76.80 8.66 0.00	59.95 6.38 0.00	57.09 5.66 0.00
HQ_GEN_IMPORT 323601	50.31 -0.35 0.00	43.98 -0.18 0.00	43.27 -0.22 0.00	39.89 -0.20 0.00	37.88 -0.15 0.00	34.40 -0.14 0.00	35.91 -0.18 0.00	40.50 0.00 0.00	46.11 -0.28 0.00	53.76 -0.22 0.00	60.95 -0.43 0.00	64.45 -0.45 0.00	66.04 -0.80 0.00	66.71 -0.67 0.00	66.71 -0.54 0.00	67.81 -0.55 0.00	67.03 -0.61 0.00	67.64 -0.61 0.00	66.71 -0.61 0.00	66.71 -0.67 0.00	66.71 -0.67 0.00	67.47 -0.68 0.00	53.20 -0.38 0.00	51.23 -0.21 0.00
HQ_GEN_WHEEL 23651	50.31 -0.35 0.00	43.98 -0.18 0.00	43.27 -0.22 0.00	39.89 -0.20 0.00	37.88 -0.15 0.00	34.40 -0.14 0.00	35.91 -0.18 0.00	40.50 0.00 0.00	46.11 -0.28 0.00	53.76 -0.22 0.00	60.95 -0.43 0.00	64.45 -0.45 0.00	66.04 -0.80 0.00	66.71 -0.67 0.00	66.71 -0.54 0.00	67.81 -0.55 0.00	67.03 -0.61 0.00	67.64 -0.61 0.00	66.71 -0.61 0.00	66.71 -0.67 0.00	66.71 -0.67 0.00	67.47 -0.68 0.00	53.20 -0.38 0.00	51.23 -0.21 0.00
HUDSON AVE_GT_3 23810	55.23 4.56 -0.01	47.82 3.66 0.00	47.01 3.52 0.00	43.33 3.25 0.00	41.11 3.08 0.00	37.26 2.73 0.00	39.09 3.00 0.00	44.19 3.69 0.00	50.88 4.55 0.05	59.14 5.24 0.07	69.20 6.38 -1.43	71.59 6.75 0.07	74.24 7.42 0.01	80.46 7.48 -5.60	82.34 7.40 -7.69	83.42 7.52 -7.55	84.72 7.51 -9.57	84.72 7.58 -8.89	80.94 7.61 -6.01	77.01 7.68 -1.94	79.70 7.61 -4.70	75.90 7.56 -0.18	73.02 5.36 -14.09	68.94 4.63 -12.88
HUDSON AVE_GT_4 23540	55.23 4.56 -0.01	47.82 3.66 0.00	47.01 3.52 0.00	43.33 3.25 0.00	41.11 3.08 0.00	37.26 2.73 0.00	39.09 3.00 0.00	44.19 3.69 0.00	50.88 4.55 0.05	59.14 5.24 0.07	69.20 6.38 -1.43	71.59 6.75 0.07	74.24 7.42 0.01	80.46 7.48 -5.60	82.34 7.40 -7.69	83.42 7.52 -7.55	84.72 7.51 -9.57	84.72 7.58 -8.89	80.94 7.61 -6.01	77.01 7.68 -1.94	79.70 7.61 -4.70	75.90 7.56 -0.18	73.02 5.36 -14.09	68.94 4.63 -12.88
HUDSON AVE_GT_5 23657	55.23 4.56 -0.01	47.82 3.66 0.00	47.01 3.52 0.00	43.33 3.25 0.00	41.11 3.08 0.00	37.26 2.73 0.00	39.09 3.00 0.00	44.19 3.69 0.00	50.88 4.55 0.05	59.14 5.24 0.07	69.20 6.38 -1.43	71.59 6.75 0.07	74.24 7.42 0.01	80.46 7.48 -5.60	82.34 7.40 -7.69	83.42 7.52 -7.55	84.72 7.51 -9.57	84.72 7.58 -8.89	80.94 7.61 -6.01	77.01 7.68 -1.94	79.70 7.61 -4.70	75.90 7.56 -0.18	73.02 5.36 -14.09	68.94 4.63 -12.88
HUDSON_AVE_10 24168	55.18 4.51 -0.01	47.73 3.58 0.00	46.97 3.48 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.23 2.69 0.00	39.02 2.92 0.00	44.15 3.65 0.00	50.70 4.36 0.05	58.87 4.97 0.07	67.42 6.08 0.04	71.33 6.49 0.07	73.98 7.15 0.01	80.19 7.21 -5.60	82.27 7.33 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.65 7.51 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.56 7.48 -4.70	75.76 7.43 -0.18	72.92 5.25 -14.09	68.89 4.58 -12.88
HUNTLEY___63 23557	45.60 -5.07 0.00	39.70 -4.46 0.00	38.40 -5.09 0.00	35.28 -4.81 0.00	33.77 -4.26 0.00	30.94 -3.59 0.00	32.38 -3.72 0.00	33.74 -6.76 0.00	37.18 -6.03 3.18	42.72 -6.91 4.35	50.14 -8.04 3.20	52.03 -8.57 4.31	57.10 -8.82 0.91	58.41 -8.96 0.01	58.09 -9.15 0.01	58.98 -9.36 0.01	58.36 -9.27 0.01	58.90 -9.35 0.01	58.15 -9.15 0.01	57.04 -9.23 1.11	55.03 -9.16 3.19	55.07 -9.20 3.88	47.15 -6.43 0.00	45.31 -6.12 0.00
HUNTLEY___64 23558	45.60 -5.07 0.00	39.70 -4.46 0.00	38.40 -5.09 0.00	35.28 -4.81 0.00	33.77 -4.26 0.00	30.94 -3.59 0.00	32.38 -3.72 0.00	33.74 -6.76 0.00	37.18 -6.03 3.18	42.72 -6.91 4.35	50.14 -8.04 3.20	52.03 -8.57 4.31	57.10 -8.82 0.91	58.41 -8.96 0.01	58.09 -9.15 0.01	58.98 -9.36 0.01	58.36 -9.27 0.01	58.90 -9.35 0.01	58.15 -9.15 0.01	57.04 -9.23 1.11	55.03 -9.16 3.19	55.07 -9.20 3.88	47.15 -6.43 0.00	45.31 -6.12 0.00
HUNTLEY___65 23559	45.60 -5.07 0.00	39.70 -4.46 0.00	38.40 -5.09 0.00	35.28 -4.81 0.00	33.77 -4.26 0.00	30.94 -3.59 0.00	32.38 -3.72 0.00	33.74 -6.76 0.00	37.18 -6.03 3.18	42.72 -6.91 4.35	50.14 -8.04 3.20	52.03 -8.57 4.31	57.10 -8.82 0.91	58.41 -8.96 0.01	58.09 -9.15 0.01	58.98 -9.36 0.01	58.36 -9.27 0.01	58.90 -9.35 0.01	58.15 -9.15 0.01	57.04 -9.23 1.11	55.03 -9.16 3.19	55.07 -9.20 3.88	47.15 -6.43 0.00	45.31 -6.12 0.00
HUNTLEY___66 23560	45.60 -5.07 0.00	39.70 -4.46 0.00	38.40 -5.09 0.00	35.28 -4.81 0.00	33.77 -4.26 0.00	30.94 -3.59 0.00	32.38 -3.72 0.00	33.74 -6.76 0.00	37.18 -6.03 3.18	42.72 -6.91 4.35	50.14 -8.04 3.20	52.03 -8.57 4.31	57.10 -8.82 0.91	58.41 -8.96 0.01	58.09 -9.15 0.01	58.98 -9.36 0.01	58.36 -9.27 0.01	58.90 -9.35 0.01	58.15 -9.15 0.01	57.04 -9.23 1.11	55.03 -9.16 3.19	55.07 -9.20 3.88	47.15 -6.43 0.00	45.31 -6.12 0.00



HUNTLEY___67 23561	45.14 -5.52 0.00	39.30 -4.86 0.00	38.10 -5.39 0.00	35.00 -5.09 0.00	33.46 -4.56 0.00	30.67 -3.87 0.00	32.09 -4.01 0.00	33.54 -6.97 0.00	36.89 -6.35 3.14	42.35 -7.34 4.29	49.63 -8.59 3.16	51.51 -9.15 4.25	56.51 -9.42 0.90	57.81 -9.57 0.01	57.49 -9.75 0.01	58.44 -9.91 0.01	57.82 -9.81 0.01	58.35 -9.90 0.01	57.61 -9.69 0.01	56.52 -9.77 1.10	54.60 -9.64 3.15	54.65 -9.68 3.82	46.66 -6.91 0.00	44.85 -6.58 0.00
HUNTLEY___68 23562	45.14 -5.52 0.00	39.30 -4.86 0.00	38.10 -5.39 0.00	35.00 -5.09 0.00	33.46 -4.56 0.00	30.67 -3.87 0.00	32.09 -4.01 0.00	33.54 -6.97 0.00	36.89 -6.35 3.14	42.35 -7.34 4.29	49.63 -8.59 3.16	51.51 -9.15 4.25	56.51 -9.42 0.90	57.81 -9.57 0.01	57.49 -9.75 0.01	58.44 -9.91 0.01	57.82 -9.81 0.01	58.35 -9.90 0.01	57.61 -9.69 0.01	56.52 -9.77 1.10	54.60 -9.64 3.15	54.65 -9.68 3.82	46.66 -6.91 0.00	44.85 -6.58 0.00
INDECK___CORINTH 23802	52.49 1.82 0.00	45.57 1.41 0.00	45.06 1.57 0.00	41.65 1.56 0.00	39.51 1.48 0.00	35.85 1.31 0.00	37.28 1.19 0.00	42.04 1.54 0.00	47.73 1.35 0.00	54.68 0.70 0.00	62.12 0.74 0.00	65.17 0.26 0.00	67.51 0.67 0.00	67.90 0.07 -0.44	67.52 -0.34 -0.61	68.61 -0.34 -0.60	68.26 -0.14 -0.76	69.64 0.68 -0.71	69.21 1.41 -0.48	69.29 1.75 -0.15	69.24 1.48 -0.38	69.72 1.57 0.00	55.29 1.71 0.00	53.29 1.85 0.00
INDECK___ILION 23567	51.88 1.22 0.00	45.08 0.93 0.00	44.36 0.87 0.00	40.89 0.80 0.00	38.79 0.76 0.00	35.19 0.66 0.00	36.81 0.72 0.00	41.35 0.85 0.00	47.50 1.11 0.00	55.43 1.46 0.00	63.22 1.84 0.00	66.85 1.95 0.00	68.98 2.14 0.00	69.54 2.16 0.00	69.33 2.08 0.00	70.48 2.12 0.00	69.73 2.10 0.00	70.37 2.12 0.00	69.40 2.09 0.00	69.41 2.02 0.00	69.27 1.89 0.00	70.13 1.98 0.00	54.97 1.39 0.00	52.62 1.18 0.00
INDECK___OLEAN 23982	45.45 -5.22 0.00	39.43 -4.72 0.00	38.05 -5.44 0.00	34.92 -5.17 0.00	33.58 -4.45 0.00	30.63 -3.90 0.00	32.27 -3.83 0.00	34.71 -5.79 0.00	38.51 -5.15 2.73	44.41 -5.83 3.74	52.00 -6.63 2.75	54.39 -6.82 3.70	59.30 -6.75 0.78	60.57 -6.81 0.01	60.45 -6.79 0.01	61.51 -6.84 0.01	60.80 -6.83 0.01	61.35 -6.89 0.01	60.51 -6.80 0.01	59.08 -7.34 0.95	57.23 -7.41 2.74	57.19 -7.63 3.33	47.90 -5.68 0.00	45.57 -5.86 0.00
INDECK___OSWEGO 23783	49.50 -1.17 0.00	43.05 -1.10 0.00	42.27 -1.22 0.00	38.92 -1.16 0.00	36.96 -1.06 0.00	33.57 -0.97 0.00	35.12 -0.97 0.00	39.17 -1.34 0.00	45.18 -1.21 0.00	52.68 -1.30 0.00	59.97 -1.41 0.00	63.48 -1.43 0.00	65.57 -1.27 0.00	66.10 -1.28 0.00	65.90 -1.34 0.00	66.99 -1.37 0.00	66.28 -1.35 0.00	66.82 -1.43 0.00	65.90 -1.41 0.00	65.83 -1.55 0.00	65.83 -1.55 0.00	66.72 -1.43 0.00	52.34 -1.23 0.00	50.20 -1.23 0.00
INDECK___YERKES 23781	45.60 -5.07 0.00	39.70 -4.46 0.00	38.40 -5.09 0.00	35.28 -4.81 0.00	33.77 -4.26 0.00	30.94 -3.59 0.00	32.38 -3.72 0.00	33.74 -6.76 0.00	37.18 -6.03 3.18	42.72 -6.91 4.35	50.14 -8.04 3.20	52.03 -8.57 4.31	57.10 -8.82 0.91	58.41 -8.96 0.01	58.09 -9.15 0.01	58.98 -9.36 0.01	58.36 -9.27 0.01	58.90 -9.35 0.01	58.15 -9.15 0.01	57.04 -9.23 1.11	55.03 -9.16 3.19	55.07 -9.20 3.88	47.15 -6.43 0.00	45.31 -6.12 0.00
INDIAN POINT_GT_1 24139	54.41 3.75 0.00	47.11 2.96 0.00	46.36 2.87 0.00	42.73 2.65 0.00	40.54 2.51 0.00	36.74 2.21 0.00	38.55 2.45 0.00	43.58 3.08 0.00	50.14 3.80 0.05	58.28 4.37 0.07	66.73 5.40 0.05	70.62 5.78 0.07	73.24 6.42 0.01	79.36 6.47 -5.51	81.27 6.46 -7.56	82.34 6.56 -7.42	83.61 6.56 -9.41	83.61 6.62 -8.74	79.82 6.60 -5.91	75.95 6.67 -1.89	78.61 6.60 -4.62	74.56 6.47 0.06	58.08 4.50 0.00	55.24 3.81 0.00
INDIAN POINT_GT_2 23659	54.41 3.75 0.00	47.11 2.96 0.00	46.36 2.87 0.00	42.73 2.65 0.00	40.54 2.51 0.00	36.74 2.21 0.00	38.55 2.45 0.00	43.58 3.08 0.00	50.14 3.80 0.05	58.28 4.37 0.07	66.73 5.40 0.05	70.62 5.78 0.07	73.24 6.42 0.01	79.36 6.47 -5.51	81.27 6.46 -7.56	82.34 6.56 -7.42	83.61 6.56 -9.41	83.61 6.62 -8.74	79.82 6.60 -5.91	75.95 6.67 -1.89	78.61 6.60 -4.62	74.56 6.47 0.06	58.08 4.50 0.00	55.24 3.81 0.00
INDIAN POINT_GT_3 24019	54.41 3.75 0.00	47.11 2.96 0.00	46.36 2.87 0.00	42.73 2.65 0.00	40.54 2.51 0.00	36.74 2.21 0.00	38.55 2.45 0.00	43.58 3.08 0.00	50.14 3.80 0.05	58.28 4.37 0.07	66.73 5.40 0.05	70.62 5.78 0.07	73.24 6.42 0.01	79.36 6.47 -5.51	81.27 6.46 -7.56	82.34 6.56 -7.42	83.61 6.56 -9.41	83.61 6.62 -8.74	79.82 6.60 -5.91	75.95 6.67 -1.89	78.61 6.60 -4.62	74.56 6.47 0.06	58.08 4.50 0.00	55.24 3.81 0.00
INDIAN POINT___2 23530	54.26 3.60 0.00	46.98 2.83 0.00	46.23 2.74 0.00	42.61 2.53 0.00	40.42 2.40 0.00	36.64 2.11 0.00	38.47 2.38 0.00	43.50 3.00 0.00	50.09 3.76 0.05	58.23 4.32 0.07	66.67 5.34 0.05	70.49 5.65 0.07	73.11 6.28 0.01	79.09 6.40 -5.31	80.86 6.32 -7.29	81.93 6.43 -7.15	83.13 6.43 -9.07	83.16 6.48 -8.43	79.54 6.53 -5.70	75.74 6.54 -1.82	78.30 6.47 -4.45	74.49 6.41 0.06	57.97 4.39 0.00	55.14 3.70 0.00
INDIAN POINT___3 23531	54.21 3.55 0.00	46.98 2.83 0.00	46.23 2.74 0.00	42.61 2.53 0.00	40.42 2.40 0.00	36.64 2.11 0.00	38.44 2.35 0.00	43.46 2.96 0.00	50.05 3.71 0.05	58.12 4.21 0.07	66.55 5.22 0.05	70.42 5.58 0.07	72.97 6.15 0.01	79.17 6.27 -5.52	81.02 6.19 -7.58	82.08 6.29 -7.44	83.36 6.29 -9.44	83.36 6.35 -8.76	79.64 6.40 -5.93	75.75 6.47 -1.90	78.35 6.47 -4.63	74.36 6.27 0.06	57.86 4.29 0.00	55.09 3.65 0.00
IP CORINTH___1 23988	52.89 2.23 0.00	45.92 1.77 0.00	45.40 1.91 0.00	41.97 1.88 0.00	39.82 1.79 0.00	36.12 1.59 0.00	37.61 1.52 0.00	42.37 1.86 0.00	48.10 1.72 0.00	55.11 1.13 0.00	62.61 1.23 0.00	65.69 0.78 0.00	68.04 1.20 0.00	68.43 0.61 -0.44	68.06 0.20 -0.61	69.16 0.21 -0.60	68.87 0.47 -0.76	70.19 1.23 -0.71	69.74 1.95 -0.48	69.83 2.29 -0.15	69.78 2.02 -0.38	70.33 2.18 0.00	55.77 2.20 0.00	53.70 2.26 0.00
IP___TICONDEROGA 23804	54.52 3.85 0.00	47.42 3.27 0.00	46.93 3.44 0.00	43.41 3.33 0.00	41.45 3.42 0.00	37.50 2.97 0.00	39.09 3.00 0.00	44.11 3.60 0.00	49.92 3.57 0.04	57.11 3.18 0.05	64.65 3.31 0.04	67.90 3.05 0.05	70.24 3.41 0.01	70.72 2.49 -0.84	70.69 2.29 -1.15	71.88 2.39 -1.13	71.71 2.64 -1.44	72.73 3.14 -1.33	71.72 3.50 -0.90	71.91 4.25 -0.28	71.63 3.57 -0.67	72.19 4.09 0.05	57.33 3.75 0.00	55.55 4.11 0.00
JARVIS____ 23743	50.92 0.25 0.00	44.33 0.18 0.00	43.71 0.22 0.00	40.29 0.20 0.00	38.22 0.19 0.00	34.67 0.14 0.00	36.24 0.14 0.00	40.67 0.16 0.00	46.62 0.23 0.00	54.25 0.27 0.00	61.69 0.31 0.00	65.23 0.32 0.00	67.24 0.40 0.00	67.72 0.34 0.00	67.58 0.34 0.00	68.70 0.34 0.00	67.97 0.34 0.00	68.60 0.34 0.00	67.65 0.34 0.00	67.79 0.40 0.00	67.79 0.40 0.00	68.56 0.41 0.00	53.84 0.27 0.00	51.69 0.26 0.00
JENNISON___1 23625	50.36 -0.30 0.00	43.76 -0.40 0.00	42.92 -0.57 0.00	39.53 -0.56 0.00	37.53 -0.49 0.00	34.12 -0.41 0.00	35.88 -0.22 0.00	40.10 -0.41 0.00	46.24 0.05 0.19	53.82 0.11 0.26	61.68 0.49 0.19	65.16 0.52 0.26	67.72 0.94 0.06	68.19 0.81 0.00	67.92 0.67 0.00	69.04 0.68 0.00	68.24 0.61 0.00	68.94 0.68 0.00	67.99 0.67 0.00	67.72 0.40 0.07	67.46 0.27 0.19	68.25 0.34 0.24	53.52 -0.05 0.00	51.07 -0.36 0.00



JENNISON___2 23626	50.31 -0.35 0.00	43.71 -0.44 0.00	42.88 -0.61 0.00	39.49 -0.60 0.00	37.50 -0.53 0.00	34.09 -0.45 0.00	35.88 -0.22 0.00	40.06 -0.45 0.00	46.19 0.00 0.19	53.77 0.05 0.26	61.61 0.43 0.19	65.10 0.45 0.26	67.65 0.87 0.06	68.12 0.74 0.00	67.85 0.61 0.00	68.97 0.62 0.00	68.18 0.54 0.00	68.87 0.61 0.00	67.92 0.61 0.00	67.65 0.34 0.07	67.39 0.20 0.19	68.19 0.27 0.24	53.47 -0.11 0.00	51.02 -0.41 0.00
KEDC_PORT_JEFF_GT2 24210	64.30 5.98 -7.66	74.02 7.37 -22.49	69.64 7.31 -18.84	66.29 7.42 -18.79	58.05 7.07 -12.95	55.93 6.42 -14.98	66.28 6.79 -23.40	47.07 6.56 0.00	53.25 6.91 0.05	70.83 7.99 -8.86	78.13 10.56 -6.19	83.75 12.46 -6.38	86.82 12.70 -7.29	94.02 13.41 -13.23	94.98 13.38 -14.35	98.03 13.06 -16.62	97.58 12.51 -17.44	92.05 12.22 -11.58	85.73 12.39 -6.03	82.67 13.34 -1.94	80.71 8.63 -4.70	77.99 9.40 -0.43	75.89 6.70 -15.61	72.93 5.86 -15.63
KEDC_PORT_JEFF_GT3 24211	64.30 5.98 -7.66	74.02 7.37 -22.49	69.64 7.31 -18.84	66.29 7.42 -18.79	58.05 7.07 -12.95	55.93 6.42 -14.98	66.28 6.79 -23.40	47.07 6.56 0.00	53.25 6.91 0.05	70.83 7.99 -8.86	78.13 10.56 -6.19	83.75 12.46 -6.38	86.82 12.70 -7.29	94.02 13.41 -13.23	94.98 13.38 -14.35	98.03 13.06 -16.62	97.58 12.51 -17.44	92.05 12.22 -11.58	85.73 12.39 -6.03	82.67 13.34 -1.94	80.71 8.63 -4.70	77.99 9.40 -0.43	75.89 6.70 -15.61	72.93 5.86 -15.63
KEDC_GLWD_GT4 24219	63.29 4.97 -7.66	70.66 4.02 -22.49	66.20 3.87 -18.84	62.44 3.57 -18.79	54.36 3.38 -12.95	52.52 3.00 -14.98	62.78 3.28 -23.40	44.43 3.93 0.00	51.16 4.82 0.05	68.51 5.67 -8.86	74.50 6.94 -6.19	78.69 7.40 -6.38	82.14 8.02 -7.29	88.16 7.55 -13.23	89.06 7.46 -14.35	92.56 7.59 -16.62	92.65 7.58 -17.44	87.41 7.58 -11.58	81.16 7.81 -6.03	77.48 8.15 -1.94	79.90 7.82 -4.70	76.55 7.97 -0.43	74.87 5.68 -15.61	72.10 5.04 -15.63
KEDC_GLWD_GT5 24220	63.29 4.97 -7.66	70.66 4.02 -22.49	66.20 3.87 -18.84	62.44 3.57 -18.79	54.36 3.38 -12.95	52.52 3.00 -14.98	62.78 3.28 -23.40	44.43 3.93 0.00	51.16 4.82 0.05	68.51 5.67 -8.86	74.50 6.94 -6.19	78.69 7.40 -6.38	82.14 8.02 -7.29	88.16 7.55 -13.23	89.06 7.46 -14.35	92.56 7.59 -16.62	92.65 7.58 -17.44	87.41 7.58 -11.58	81.16 7.81 -6.03	77.48 8.15 -1.94	79.90 7.82 -4.70	76.55 7.97 -0.43	74.87 5.68 -15.61	72.10 5.04 -15.63
KENSICO____ 23655	54.67 4.00 0.00	47.38 3.22 0.00	46.58 3.09 0.00	42.97 2.89 0.00	40.73 2.70 0.00	36.92 2.38 0.00	38.76 2.67 0.00	43.78 3.28 0.00	50.42 4.08 0.05	58.60 4.70 0.07	67.04 5.71 0.05	70.94 6.10 0.07	73.57 6.75 0.01	79.79 6.81 -5.60	81.66 6.72 -7.69	82.74 6.84 -7.54	84.04 6.83 -9.57	84.10 6.96 -8.89	80.26 6.93 -6.01	76.32 7.01 -1.93	79.02 6.94 -4.70	74.90 6.81 -0.06	58.34 4.77 0.00	55.55 4.11 0.00
KIAC_JFK_GT1 23816	55.33 4.66 -0.01	47.82 3.66 0.00	47.19 3.70 0.00	43.53 3.45 0.00	41.30 3.27 0.00	37.44 2.90 0.00	39.16 3.07 0.00	44.35 3.85 0.00	50.65 4.31 0.05	58.71 4.80 0.07	67.23 5.89 0.04	71.07 6.23 0.07	73.71 6.88 0.01	79.93 6.94 -5.60	82.27 7.33 -7.69	83.42 7.52 -7.55	84.72 7.51 -9.57	84.72 7.58 -8.89	80.80 7.47 -6.01	77.01 7.68 -1.94	79.64 7.55 -4.71	75.98 7.63 -0.20	73.51 5.41 -14.53	69.04 4.73 -12.88
KIAC_JFK_GT2 23817	55.33 4.66 -0.01	47.82 3.66 0.00	47.19 3.70 0.00	43.53 3.45 0.00	41.30 3.27 0.00	37.44 2.90 0.00	39.16 3.07 0.00	44.35 3.85 0.00	50.65 4.31 0.05	58.71 4.80 0.07	67.23 5.89 0.04	71.07 6.23 0.07	73.71 6.88 0.01	79.93 6.94 -5.60	82.27 7.33 -7.69	83.42 7.52 -7.55	84.72 7.51 -9.57	84.72 7.58 -8.89	80.80 7.47 -6.01	77.01 7.68 -1.94	79.64 7.55 -4.71	75.98 7.63 -0.20	73.51 5.41 -14.53	69.04 4.73 -12.88
KINTIGH____ 23543	45.34 -5.32 0.00	39.48 -4.68 0.00	38.40 -5.09 0.00	35.28 -4.81 0.00	33.66 -4.37 0.00	30.84 -3.70 0.00	32.23 -3.86 0.00	34.02 -6.48 0.00	36.86 -6.12 3.41	42.25 -7.07 4.66	49.66 -8.29 3.43	51.53 -8.76 4.61	56.84 -9.02 0.98	58.21 -9.16 0.01	57.96 -9.28 0.01	58.91 -9.43 0.01	58.23 -9.40 0.01	58.83 -9.42 0.01	58.02 -9.29 0.01	56.89 -9.30 1.19	54.87 -9.10 3.42	54.87 -9.13 4.15	46.99 -6.59 0.00	45.26 -6.17 0.00
LEDERLE____ 23769	54.67 4.00 0.00	47.34 3.18 -0.01	46.73 3.04 -0.20	43.16 2.81 -0.26	40.85 2.66 -0.16	36.92 2.38 0.00	38.80 2.71 0.00	43.87 3.36 0.00	50.56 4.22 0.05	58.76 4.86 0.07	67.53 6.20 0.05	71.46 6.62 0.07	74.18 7.35 0.01	79.93 7.48 -5.06	81.67 7.46 -6.96	82.77 7.59 -6.82	83.87 7.58 -8.66	83.94 7.64 -8.04	80.43 7.67 -5.44	76.74 7.61 -1.74	78.91 7.28 -4.24	75.24 7.16 0.06	58.50 4.93 0.00	55.55 4.11 0.00
LINDEN COGEN____ 23786	55.08 4.41 -0.01	47.64 3.49 0.00	46.84 3.35 0.00	43.21 3.13 0.00	40.99 2.97 0.00	37.12 2.59 0.00	38.98 2.89 0.00	44.07 3.56 0.00	50.74 4.41 0.05	58.98 5.07 0.07	69.01 6.20 -1.43	71.40 6.56 0.07	74.04 7.22 0.02	80.26 7.28 -5.60	82.00 7.06 -7.69	82.94 7.04 -7.54	84.24 7.03 -9.57	84.24 7.10 -8.89	80.60 7.27 -6.01	76.73 7.41 -1.94	75.76 7.28 -1.10	75.56 7.22 -0.18	72.62 5.14 -13.90	68.62 4.47 -12.71
LIPA_MISC_IPP 23656	64.05 5.73 -7.66	74.28 7.64 -22.49	69.86 7.52 -18.84	66.41 7.54 -18.79	58.21 7.23 -12.95	56.07 6.56 -14.98	66.39 6.89 -23.40	47.07 6.56 0.00	53.11 6.77 0.05	70.83 7.99 -8.86	78.19 10.62 -6.19	83.88 12.59 -6.38	87.36 13.23 -7.29	94.56 13.95 -13.23	95.59 13.99 -14.35	98.65 13.67 -16.62	98.19 13.12 -17.44	92.59 12.76 -11.58	86.27 12.92 -6.03	82.80 13.48 -1.94	80.64 8.56 -4.70	77.92 9.34 -0.43	75.89 6.70 -15.61	72.88 5.81 -15.63
LITTLE FALLS___HYD 24013	53.05 2.38 0.00	46.01 1.85 0.00	45.23 1.74 0.00	41.65 1.56 0.00	39.51 1.48 0.00	35.81 1.28 0.00	37.50 1.41 0.00	42.16 1.66 0.00	48.61 2.23 0.00	56.84 2.86 0.00	64.88 3.50 0.00	68.74 3.83 0.00	70.98 4.14 0.00	71.56 4.18 0.00	71.28 4.03 0.00	72.53 4.17 0.00	71.83 4.19 0.00	72.49 4.23 0.00	71.42 4.11 0.00	71.29 3.91 0.00	71.16 3.77 0.00	72.03 3.88 0.00	56.31 2.73 0.00	53.80 2.37 0.00
LONG_LAKE_PHOENIX 24014	49.80 -0.86 0.00	43.32 -0.84 0.00	42.53 -0.96 0.00	39.17 -0.92 0.00	37.15 -0.87 0.00	33.77 -0.76 0.00	35.33 -0.76 0.00	39.37 -1.13 0.00	45.50 -0.88 0.00	53.06 -0.92 0.00	60.58 -0.80 0.00	64.13 -0.78 0.00	66.30 -0.53 0.00	66.91 -0.47 0.00	66.71 -0.54 0.00	67.81 -0.55 0.00	67.09 -0.54 0.00	67.64 -0.61 0.00	66.64 -0.67 0.00	66.51 -0.88 0.00	66.37 -1.01 0.00	67.20 -0.95 0.00	52.77 -0.80 0.00	50.56 -0.87 0.00
LOVETT___3 23632	53.76 3.09 0.00	46.53 2.38 0.01	45.62 2.30 0.18	42.02 2.16 0.23	39.94 2.05 0.14	36.40 1.86 0.00	38.22 2.13 0.00	43.14 2.63 0.00	49.68 3.34 0.05	57.69 3.78 0.07	66.05 4.73 0.05	69.84 5.00 0.07	72.44 5.61 0.01	78.19 5.66 -5.15	79.96 5.65 -7.07	81.03 5.74 -6.93	82.18 5.75 -8.80	82.22 5.80 -8.17	78.70 5.86 -5.53	75.01 5.86 -1.77	77.49 5.80 -4.31	73.81 5.72 0.06	57.43 3.86 0.00	54.62 3.19 0.00
LOVETT___4 23642	54.16 3.50 0.00	46.89 2.74 0.00	46.10 2.65 0.04	42.47 2.45 0.06	40.31 2.32 0.04	36.64 2.11 0.00	38.47 2.38 0.00	43.46 2.96 0.00	50.05 3.71 0.05	58.12 4.21 0.07	66.55 5.22 0.05	70.42 5.58 0.07	73.04 6.22 0.01	78.87 6.33 -5.15	80.58 6.25 -7.08	81.66 6.36 -6.94	82.80 6.36 -8.81	82.92 6.48 -8.18	79.31 6.46 -5.53	75.62 6.47 -1.77	78.10 6.40 -4.32	74.36 6.27 0.06	57.86 4.29 0.00	55.03 3.60 0.00



LOVETT___5 23593	54.16 3.50 0.00	46.89 2.74 0.00	46.10 2.65 0.04	42.47 2.45 0.06	40.31 2.32 0.04	36.64 2.11 0.00	38.47 2.38 0.00	43.46 2.96 0.00	50.05 3.71 0.05	58.12 4.21 0.07	66.55 5.22 0.05	70.42 5.58 0.07	73.04 6.22 0.01	78.87 6.33 -5.15	80.58 6.25 -7.08	81.66 6.36 -6.94	82.80 6.36 -8.81	82.92 6.48 -8.18	79.31 6.46 -5.53	75.62 6.47 -1.77	78.10 6.40 -4.32	74.36 6.27 0.06	57.86 4.29 0.00	55.03 3.60 0.00
LOWER RAQUET___HYD 24057	54.36 3.70 0.00	47.07 2.91 0.00	45.71 2.22 0.00	42.09 2.00 0.00	39.89 1.86 0.00	36.23 1.69 0.00	37.86 1.77 0.00	43.42 2.92 0.00	50.00 3.62 0.00	58.83 4.86 0.00	66.84 5.46 0.00	70.68 5.78 0.00	73.25 6.42 0.00	71.49 4.11 0.00	71.08 3.83 0.00	72.39 4.03 0.00	71.36 3.72 0.00	72.01 3.75 0.00	70.55 3.23 0.00	71.29 3.91 0.00	71.83 4.45 0.00	74.90 6.75 0.00	58.56 4.98 0.00	55.75 4.32 0.00
LOWER___HUDSON 24059	53.30 2.63 0.00	46.32 2.16 0.00	45.88 2.39 0.00	42.37 2.28 0.00	40.08 2.05 0.00	36.33 1.80 0.00	37.86 1.77 0.00	42.61 2.11 0.00	48.43 2.09 0.04	55.92 2.00 0.05	63.67 2.33 0.04	67.26 2.40 0.05	69.57 2.74 0.01	70.05 2.36 -0.30	69.82 2.15 -0.42	70.88 2.12 -0.41	70.32 2.16 -0.52	71.06 2.32 -0.48	70.13 2.49 -0.33	70.17 2.70 -0.09	70.16 2.56 -0.22	70.56 2.45 0.05	55.72 2.14 0.00	53.65 2.21 0.00
LWR___OSWEGATCHIE_HYD 23850	53.05 2.38 0.00	45.97 1.81 0.00	44.75 1.26 0.00	41.21 1.12 0.00	39.09 1.06 0.00	35.47 0.93 0.00	37.10 1.01 0.00	42.29 1.78 0.00	48.75 2.37 0.00	57.21 3.24 0.00	65.12 3.74 0.00	68.87 3.96 0.00	71.38 4.55 0.00	70.28 2.90 0.00	69.94 2.69 0.00	71.16 2.80 0.00	70.21 2.57 0.00	70.78 2.53 0.00	69.40 2.09 0.00	69.88 2.49 0.00	70.35 2.96 0.00	72.85 4.70 0.00	56.95 3.38 0.00	54.26 2.83 0.00
LYONS_FALL_HYD 23570	51.22 0.56 0.00	44.46 0.31 0.00	43.58 0.09 0.00	40.17 0.08 0.00	38.10 0.08 0.00	34.53 0.00 0.00	36.20 0.11 0.00	40.83 0.32 0.00	46.99 0.60 0.00	54.95 0.97 0.00	62.48 1.10 0.00	66.14 1.23 0.00	68.38 1.54 0.00	68.53 1.15 0.00	68.26 1.01 0.00	69.38 1.03 0.00	68.58 0.95 0.00	69.14 0.89 0.00	67.99 0.67 0.00	68.06 0.67 0.00	68.26 0.88 0.00	69.65 1.50 0.00	54.54 0.96 0.00	52.10 0.67 0.00
MAPLE RIDGE_WT_1 323574	50.51 -0.15 0.00	44.02 -0.13 0.00	43.36 -0.13 0.00	39.97 -0.12 0.00	37.91 -0.11 0.00	34.43 -0.10 0.00	35.98 -0.11 0.00	40.42 -0.08 0.00	46.25 -0.14 0.00	53.87 -0.11 0.00	61.13 -0.25 0.00	64.65 -0.26 0.00	66.57 -0.27 0.00	67.11 -0.27 0.00	67.05 -0.20 0.00	68.15 -0.21 0.00	67.43 -0.20 0.00	68.05 -0.20 0.00	67.05 -0.27 0.00	67.11 -0.27 0.00	67.11 -0.27 0.00	67.88 -0.27 0.00	53.41 -0.16 0.00	51.33 -0.10 0.00
MG INDUSTRY___DRP 24185	52.79 2.13 0.00	45.92 1.77 0.00	45.40 1.91 0.00	41.89 1.80 0.00	39.63 1.60 0.00	35.95 1.42 0.00	37.50 1.41 0.00	42.12 1.62 0.00	48.16 1.81 0.04	55.81 1.89 0.05	63.73 2.39 0.04	67.38 2.53 0.05	69.77 2.94 0.01	70.15 2.76 0.00	69.87 2.62 0.00	71.02 2.67 0.00	70.34 2.71 0.00	70.98 2.73 0.00	70.08 2.76 0.00	70.27 2.90 0.01	70.04 2.70 0.04	70.76 2.66 0.05	55.56 1.98 0.00	53.29 1.85 0.00
MID___OSWEGATCHIE_HYD 23849	53.05 2.38 0.00	45.97 1.81 0.00	44.75 1.26 0.00	41.21 1.12 0.00	39.09 1.06 0.00	35.47 0.93 0.00	37.10 1.01 0.00	42.29 1.78 0.00	48.75 2.37 0.00	57.21 3.24 0.00	65.12 3.74 0.00	68.87 3.96 0.00	71.38 4.55 0.00	70.28 2.90 0.00	69.94 2.69 0.00	71.16 2.80 0.00	70.21 2.57 0.00	70.78 2.53 0.00	69.40 2.09 0.00	69.88 2.49 0.00	70.35 2.96 0.00	72.85 4.70 0.00	56.95 3.38 0.00	54.26 2.83 0.00
MID___RAQUETTE_HYD 23851	54.36 3.70 0.00	47.07 2.91 0.00	45.71 2.22 0.00	42.09 2.00 0.00	39.89 1.86 0.00	36.23 1.69 0.00	37.86 1.77 0.00	43.42 2.92 0.00	50.00 3.62 0.00	58.83 4.86 0.00	66.84 5.46 0.00	70.68 5.78 0.00	73.25 6.42 0.00	71.49 4.11 0.00	71.08 3.83 0.00	72.39 4.03 0.00	71.36 3.72 0.00	72.01 3.75 0.00	70.55 3.23 0.00	71.29 3.91 0.00	71.83 4.45 0.00	74.90 6.75 0.00	58.56 4.98 0.00	55.75 4.32 0.00
MILLIKEN___1 23584	46.26 -4.41 0.00	40.18 -3.97 0.00	39.31 -4.18 0.00	36.12 -3.97 0.00	34.30 -3.73 0.00	31.22 -3.32 0.00	33.17 -2.92 0.00	36.82 -3.69 0.00	42.71 -3.62 0.06	49.79 -4.10 0.08	57.08 -4.24 0.06	60.41 -4.41 0.08	62.68 -4.14 0.02	62.46 -4.92 0.00	62.20 -5.04 0.00	63.30 -5.06 0.00	62.56 -5.07 0.00	63.14 -5.12 0.00	62.13 -5.18 0.00	61.90 -5.46 0.02	61.73 -5.59 0.06	62.69 -5.38 0.07	49.07 -4.50 0.00	46.96 -4.47 0.00
MILLIKEN___2 23585	46.26 -4.41 0.00	40.18 -3.97 0.00	39.31 -4.18 0.00	36.12 -3.97 0.00	34.30 -3.73 0.00	31.22 -3.32 0.00	33.17 -2.92 0.00	36.82 -3.69 0.00	42.71 -3.62 0.06	49.79 -4.10 0.08	57.08 -4.24 0.06	60.41 -4.41 0.08	62.68 -4.14 0.02	62.46 -4.92 0.00	62.20 -5.04 0.00	63.30 -5.06 0.00	62.56 -5.07 0.00	63.14 -5.12 0.00	62.13 -5.18 0.00	61.90 -5.46 0.02	61.73 -5.59 0.06	62.69 -5.38 0.07	49.07 -4.50 0.00	46.96 -4.47 0.00
MILLIKEN___DIESEL 23629	46.26 -4.41 0.00	40.18 -3.97 0.00	39.31 -4.18 0.00	36.12 -3.97 0.00	34.30 -3.73 0.00	31.22 -3.32 0.00	33.17 -2.92 0.00	36.82 -3.69 0.00	42.71 -3.62 0.06	49.79 -4.10 0.08	57.08 -4.24 0.06	60.41 -4.41 0.08	62.68 -4.14 0.02	62.46 -4.92 0.00	62.20 -5.04 0.00	63.30 -5.06 0.00	62.56 -5.07 0.00	63.14 -5.12 0.00	62.13 -5.18 0.00	61.90 -5.46 0.02	61.73 -5.59 0.06	62.69 -5.38 0.07	49.07 -4.50 0.00	46.96 -4.47 0.00
MODEL_CITY_ENERGY 24167	45.24 -5.42 0.00	39.39 -4.77 0.00	38.18 -5.31 0.00	35.08 -5.01 0.00	33.54 -4.49 0.00	30.74 -3.80 0.00	32.16 -3.93 0.00	33.42 -7.09 0.00	36.71 -6.45 3.23	42.17 -7.39 4.41	49.35 -8.78 3.25	51.19 -9.35 4.37	56.22 -9.69 0.93	57.54 -9.84 0.01	57.22 -10.02 0.01	58.10 -10.25 0.01	57.48 -10.15 0.01	58.08 -10.17 0.01	57.28 -10.03 0.01	56.22 -10.04 1.13	54.37 -9.77 3.24	54.40 -9.81 3.93	46.66 -6.91 0.00	44.90 -6.53 0.00
MODERN_LFGE___ 323580	45.24 -5.42 0.00	39.39 -4.77 0.00	38.18 -5.31 0.00	35.08 -5.01 0.00	33.54 -4.49 0.00	30.74 -3.80 0.00	32.16 -3.93 0.00	33.42 -7.09 0.00	36.71 -6.45 3.23	42.17 -7.39 4.41	49.35 -8.78 3.25	51.19 -9.35 4.37	56.22 -9.69 0.93	57.54 -9.84 0.01	57.22 -10.02 0.01	58.10 -10.25 0.01	57.48 -10.15 0.01	58.08 -10.17 0.01	57.28 -10.03 0.01	56.22 -10.04 1.13	54.37 -9.77 3.24	54.40 -9.81 3.93	46.66 -6.91 0.00	44.90 -6.53 0.00
MOHAWK_PAPER___DRP 24187	53.20 2.53 0.00	46.23 2.08 0.00	45.75 2.26 0.00	42.25 2.16 0.00	39.85 1.83 0.00	36.16 1.62 0.00	37.68 1.59 0.00	42.37 1.86 0.00	48.29 1.90 0.00	55.87 1.89 0.00	63.71 2.33 0.00	67.31 2.40 0.00	69.65 2.81 0.00	69.88 2.49 0.00	69.53 2.29 0.00	70.61 2.26 0.00	69.93 2.30 0.00	70.64 2.39 0.00	69.74 2.42 0.00	70.01 2.63 0.00	69.88 2.49 0.00	70.53 2.39 0.00	55.61 2.04 0.00	53.44 2.01 0.00
MONGAUP___HYD 23641	54.77 4.10 0.00	47.42 3.27 0.00	46.62 3.13 0.00	42.97 2.89 0.00	40.73 2.70 0.00	36.92 2.38 0.00	38.73 2.63 0.00	43.78 3.28 0.00	50.46 4.13 0.05	58.76 4.86 0.07	67.77 6.44 0.05	71.85 7.01 0.07	74.71 7.89 0.01	80.00 8.22 -4.39	81.55 8.27 -6.03	82.75 8.48 -5.92	83.67 8.52 -7.51	83.83 8.60 -6.97	80.51 8.48 -4.72	77.25 8.36 -1.51	78.67 7.61 -3.67	75.65 7.56 0.06	58.83 5.25 0.00	55.86 4.42 0.00



MONTAUK___DIESEL 23721	65.87 7.55 -7.66	75.87 9.23 -22.49	71.34 9.00 -18.84	67.77 8.90 -18.79	59.46 8.48 -12.95	57.25 7.74 -14.98	67.65 8.16 -23.40	48.48 7.98 0.00	54.82 8.49 0.05	72.93 10.09 -8.86	81.32 13.75 -6.19	87.45 16.16 -6.38	91.43 17.31 -7.29	98.81 18.19 -13.23	99.82 18.22 -14.35	103.02 18.05 -16.62	102.45 17.38 -17.44	96.83 17.00 -11.58	90.45 17.10 -6.03	86.51 17.18 -1.94	83.81 11.72 -4.70	80.98 12.40 -0.43	78.08 8.89 -15.61	74.83 7.77 -15.63
N SALMON___HYD 24042	51.22 0.56 0.00	44.64 0.49 0.00	43.71 0.22 0.00	40.29 0.20 0.00	38.22 0.19 0.00	34.74 0.21 0.00	36.31 0.22 0.00	41.44 0.93 0.00	47.13 0.74 0.00	55.11 1.13 0.00	62.42 1.04 0.00	65.95 1.04 0.00	67.77 0.94 0.00	67.92 0.54 0.00	67.85 0.61 0.00	69.04 0.68 0.00	68.18 0.54 0.00	68.80 0.55 0.00	67.59 0.27 0.00	67.79 0.40 0.00	67.99 0.61 0.00	69.44 1.29 0.00	54.54 0.96 0.00	52.41 0.98 0.00
N.E._GEN_SANDY PD 24062	53.50 2.84 0.00	46.50 2.34 0.00	45.97 2.48 0.00	42.45 2.37 0.00	40.31 2.28 0.00	36.54 2.00 0.00	38.15 2.06 0.00	42.97 2.47 0.00	49.03 2.69 0.04	56.73 2.81 0.06	64.59 3.25 0.04	68.16 3.31 0.06	70.57 3.74 0.01	73.02 3.44 -2.20	73.56 3.30 -3.02	74.67 3.35 -2.96	74.77 3.38 -3.76	75.22 3.48 -3.49	73.31 3.64 -2.36	72.04 3.91 -0.75	72.91 3.71 -1.82	71.71 3.61 0.05	56.36 2.79 0.00	54.16 2.73 0.00
NARROWS_GT1_1 24228	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT1_2 24229	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT1_3 24230	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT1_4 24231	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT1_5 24232	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT1_6 24233	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT1_7 24234	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT1_8 24235	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT2_1 24236	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT2_2 24237	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT2_3 24238	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT2_4 24239	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT2_5 24240	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28



NARROWS_GT2_6 24241	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT2_7 24242	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NARROWS_GT2_8 24243	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.67 7.73 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NEG CAPITAL___MECHNVIL 23645	53.60 2.94 0.00	46.54 2.38 0.00	46.10 2.61 0.00	42.57 2.49 0.00	40.27 2.24 0.00	36.50 1.97 0.00	38.01 1.91 0.00	42.81 2.31 0.00	48.67 2.32 0.04	56.19 2.27 0.05	64.04 2.70 0.04	67.58 2.73 0.05	69.97 3.14 0.01	70.42 2.70 -0.34	70.13 2.42 -0.47	71.21 2.39 -0.46	70.72 2.50 -0.58	71.59 2.80 -0.54	70.64 2.96 -0.36	70.66 3.17 -0.10	70.60 2.96 -0.25	71.03 2.93 0.05	56.15 2.57 0.00	54.11 2.67 0.00
NEG CENTRAL_HIGH_ACRES 23767	47.02 -3.65 0.00	40.89 -3.27 0.00	40.01 -3.48 0.00	36.76 -3.33 0.00	34.99 -3.04 0.00	31.94 -2.59 0.00	33.42 -2.67 0.00	36.21 -4.29 0.00	42.64 -3.99 -0.24	49.72 -4.59 -0.33	56.41 -5.22 -0.25	59.72 -5.52 -0.33	61.36 -5.55 -0.07	61.86 -5.53 0.00	61.73 -5.51 0.00	62.75 -5.61 0.00	62.09 -5.55 0.00	62.66 -5.60 0.00	61.73 -5.59 0.00	61.74 -5.73 -0.09	62.04 -5.59 -0.24	62.86 -5.59 -0.30	49.34 -4.23 0.00	47.47 -3.96 0.00
NEG CENTRAL___DRP 24199	48.44 -2.23 0.00	42.12 -2.03 0.00	41.27 -2.22 0.00	37.92 -2.16 0.00	36.05 -1.98 0.00	32.84 -1.69 0.00	34.47 -1.62 0.00	37.99 -2.51 0.00	44.26 -2.18 -0.06	51.62 -2.43 -0.08	58.74 -2.70 -0.06	62.19 -2.79 -0.08	64.25 -2.61 -0.02	64.76 -2.63 0.00	64.56 -2.69 0.00	65.69 -2.67 0.00	64.93 -2.71 0.00	65.52 -2.73 0.00	64.56 -2.76 0.00	64.44 -2.96 -0.02	64.54 -2.90 -0.06	65.36 -2.86 -0.07	51.22 -2.36 0.00	49.07 -2.37 0.00
NEG CENTRAL___INDECK 23768	47.93 -2.74 0.00	41.59 -2.56 0.00	40.53 -2.96 0.00	37.24 -2.85 0.00	35.48 -2.55 0.00	32.46 -2.07 0.00	34.07 -2.02 0.00	36.70 -3.81 0.00	43.44 -3.11 -0.16	50.69 -3.51 -0.22	57.74 -3.81 -0.16	61.10 -4.02 -0.22	62.94 -3.94 -0.05	63.61 -3.77 0.00	63.42 -3.83 0.00	64.53 -3.83 0.00	63.78 -3.86 0.00	64.36 -3.89 0.00	63.48 -3.84 0.00	63.33 -4.11 -0.06	63.30 -4.25 -0.16	64.05 -4.29 -0.20	50.31 -3.27 0.00	48.19 -3.24 0.00
NEG CENTRAL___SENECA 23627	48.13 -2.53 0.00	41.82 -2.34 0.00	40.88 -2.61 0.00	37.60 -2.49 0.00	35.78 -2.24 0.00	32.60 -1.93 0.00	34.29 -1.80 0.00	37.55 -2.96 0.00	43.94 -2.50 -0.06	51.20 -2.86 -0.09	58.25 -3.19 -0.06	61.68 -3.31 -0.09	63.65 -3.21 -0.02	64.28 -3.10 0.00	64.09 -3.16 0.00	65.14 -3.21 0.00	64.39 -3.25 0.00	65.05 -3.21 0.00	64.08 -3.23 0.00	63.90 -3.50 -0.02	64.08 -3.37 -0.06	64.82 -3.41 -0.08	50.84 -2.73 0.00	48.66 -2.78 0.00
NEG CENTRAL___STATE_STREET 24147	48.23 -2.43 0.00	41.95 -2.21 0.00	41.10 -2.39 0.00	37.76 -2.33 0.00	35.90 -2.13 0.00	32.67 -1.86 0.00	34.36 -1.73 0.00	37.95 -2.55 0.00	44.17 -2.27 -0.05	51.51 -2.54 -0.07	58.79 -2.64 -0.05	62.19 -2.79 -0.07	64.31 -2.54 -0.02	64.62 -2.76 0.00	64.42 -2.82 0.00	65.49 -2.87 0.00	64.79 -2.84 0.00	65.39 -2.87 0.00	64.42 -2.89 0.00	64.24 -3.17 -0.02	64.27 -3.17 -0.05	65.15 -3.07 -0.06	51.06 -2.52 0.00	48.86 -2.57 0.00
NEG MILLWOOD___DRP 24198	54.67 4.00 0.00	47.38 3.22 0.00	46.58 3.09 0.00	42.93 2.85 0.00	40.77 2.74 0.00	36.95 2.42 0.00	38.73 2.63 0.00	43.66 3.16 0.00	50.33 3.99 0.05	58.55 4.64 0.07	67.04 5.71 0.05	71.01 6.17 0.07	73.71 6.88 0.01	79.39 7.01 -4.99	81.10 6.99 -6.86	82.26 7.18 -6.73	83.41 7.24 -8.54	83.48 7.30 -7.93	79.95 7.27 -5.36	76.51 7.41 -1.72	78.85 7.28 -4.19	75.18 7.09 0.06	58.40 4.82 0.00	55.60 4.17 0.00
NEG NORTH_FLCN_SEA 23793	49.25 -1.42 0.00	43.05 -1.10 0.00	42.27 -1.22 0.00	38.96 -1.12 0.00	36.96 -1.06 0.00	33.60 -0.93 0.00	35.05 -1.05 0.00	39.81 -0.69 0.00	45.18 -1.21 0.00	52.73 -1.24 0.00	59.66 -1.72 0.00	63.02 -1.88 0.00	64.57 -2.27 0.00	65.36 -2.02 0.00	65.37 -1.88 0.00	66.51 -1.85 0.00	65.74 -1.89 0.00	66.34 -1.91 0.00	65.23 -2.09 0.00	65.16 -2.22 0.00	65.23 -2.16 0.00	66.17 -1.98 0.00	52.18 -1.39 0.00	50.25 -1.18 0.00
NEG NORTH_KES_CHATEGAY 23792	49.80 -0.86 0.00	43.54 -0.62 0.00	42.79 -0.70 0.00	39.45 -0.64 0.00	37.42 -0.61 0.00	33.98 -0.55 0.00	35.48 -0.61 0.00	40.34 -0.16 0.00	45.69 -0.70 0.00	53.33 -0.65 0.00	60.34 -1.04 0.00	63.80 -1.10 0.00	65.30 -1.54 0.00	65.97 -1.42 0.00	66.04 -1.21 0.00	67.19 -1.16 0.00	66.42 -1.22 0.00	67.03 -1.23 0.00	65.90 -1.41 0.00	65.83 -1.55 0.00	65.97 -1.42 0.00	66.92 -1.23 0.00	52.77 -0.80 0.00	50.87 -0.57 0.00
NEG NORTH___ALICE_FALLS 23915	49.50 -1.17 0.00	43.27 -0.88 0.00	42.49 -1.00 0.00	39.17 -0.92 0.00	37.15 -0.87 0.00	33.74 -0.79 0.00	35.23 -0.87 0.00	40.02 -0.49 0.00	45.41 -0.97 0.00	53.00 -0.97 0.00	59.97 -1.41 0.00	63.35 -1.56 0.00	64.97 -1.87 0.00	65.70 -1.68 0.00	65.70 -1.55 0.00	66.92 -1.44 0.00	66.08 -1.56 0.00	66.68 -1.57 0.00	65.57 -1.75 0.00	65.50 -1.89 0.00	65.63 -1.75 0.00	66.51 -1.64 0.00	52.50 -1.07 0.00	50.56 -0.87 0.00
NEG NORTH___LWR_SARANAC 23913	49.50 -1.17 0.00	43.27 -0.88 0.00	42.49 -1.00 0.00	39.17 -0.92 0.00	37.15 -0.87 0.00	33.74 -0.79 0.00	35.23 -0.87 0.00	40.02 -0.49 0.00	45.41 -0.97 0.00	53.00 -0.97 0.00	59.97 -1.41 0.00	63.35 -1.56 0.00	64.97 -1.87 0.00	65.70 -1.68 0.00	65.70 -1.55 0.00	66.92 -1.44 0.00	66.08 -1.56 0.00	66.68 -1.57 0.00	65.57 -1.75 0.00	65.50 -1.89 0.00	65.63 -1.75 0.00	66.51 -1.64 0.00	52.50 -1.07 0.00	50.56 -0.87 0.00
NEG NORTH___PLATTSBURG 23628	49.50 -1.17 0.00	43.27 -0.88 0.00	42.49 -1.00 0.00	39.17 -0.92 0.00	37.15 -0.87 0.00	33.74 -0.79 0.00	35.23 -0.87 0.00	40.02 -0.49 0.00	45.41 -0.97 0.00	53.00 -0.97 0.00	59.97 -1.41 0.00	63.35 -1.56 0.00	64.97 -1.87 0.00	65.70 -1.68 0.00	65.70 -1.55 0.00	66.92 -1.44 0.00	66.08 -1.56 0.00	66.68 -1.57 0.00	65.57 -1.75 0.00	65.50 -1.89 0.00	65.63 -1.75 0.00	66.51 -1.64 0.00	52.50 -1.07 0.00	50.56 -0.87 0.00
NEG WEST_LEA_LOCKPORT 23791	45.09 -5.57 0.00	39.25 -4.90 0.00	38.01 -5.48 0.00	34.92 -5.17 0.00	33.39 -4.64 0.00	30.63 -3.90 0.00	32.01 -4.08 0.00	33.33 -7.17 0.00	36.53 -6.59 3.27	41.95 -7.56 4.47	49.19 -8.90 3.29	51.01 -9.48 4.42	56.01 -9.89 0.94	57.27 -10.11 0.01	57.02 -10.22 0.01	57.89 -10.46 0.01	57.28 -10.35 0.01	57.80 -10.44 0.01	57.08 -10.23 0.01	56.00 -10.24 1.14	54.20 -9.91 3.28	54.22 -9.95 3.98	46.50 -7.07 0.00	44.75 -6.69 0.00



NEG WEST___LANCASTR 23811	44.58 -6.08 0.00	38.72 -5.43 0.00	37.53 -5.96 0.00	34.47 -5.61 0.00	33.01 -5.02 0.00	30.15 -4.39 0.00	31.76 -4.33 0.00	33.94 -6.56 0.00	37.52 -6.12 2.74	43.10 -7.12 3.75	50.51 -8.10 2.76	52.62 -8.57 3.72	57.36 -8.69 0.79	58.68 -8.69 0.01	58.50 -8.74 0.01	59.46 -8.89 0.01	58.77 -8.86 0.01	59.31 -8.94 0.01	58.56 -8.75 0.01	57.33 -9.10 0.96	55.67 -8.96 2.75	55.60 -9.20 3.34	46.66 -6.91 0.00	44.54 -6.89 0.00
NEG_PENN_ALLEGHNY 23528	49.45 -1.22 0.00	42.96 -1.19 0.00	42.23 -1.26 0.00	38.84 -1.24 0.00	36.93 -1.10 0.00	33.57 -0.97 0.00	35.26 -0.83 0.00	39.25 -1.26 0.00	45.12 -0.97 0.29	52.39 -1.19 0.40	59.92 -1.17 0.30	63.28 -1.23 0.40	65.75 -1.00 0.08	66.44 -0.94 0.00	66.24 -1.01 0.00	67.33 -1.03 0.00	66.62 -1.01 0.00	67.23 -1.02 0.00	66.31 -1.01 0.00	66.07 -1.21 0.10	65.94 -1.15 0.29	66.57 -1.23 0.36	52.40 -1.18 0.00	50.05 -1.39 0.00
NEG___GEN_MONROE 24207	47.37 -3.29 0.00	41.20 -2.96 0.00	40.14 -3.35 0.00	36.88 -3.21 0.00	35.14 -2.89 0.00	32.15 -2.38 0.00	33.64 -2.45 0.00	36.01 -4.50 0.00	38.97 -3.90 3.52	44.74 -4.43 4.81	52.74 -5.09 3.54	54.82 -5.32 4.76	60.41 -5.41 1.01	62.05 -5.32 0.01	61.86 -5.38 0.01	62.95 -5.40 0.01	62.22 -5.41 0.01	62.79 -5.46 0.01	61.92 -5.39 0.01	60.56 -5.59 1.23	58.40 -5.46 3.53	58.41 -5.45 4.29	49.56 -4.02 0.00	47.68 -3.75 0.00
NEPA___ENERGY 23901	43.57 -7.09 0.00	37.66 -6.49 0.00	36.71 -6.78 0.00	33.71 -6.37 0.00	32.25 -5.78 0.00	29.35 -5.18 0.00	31.18 -4.91 0.00	34.18 -6.32 0.00	37.89 -6.22 2.28	43.52 -7.34 3.12	50.98 -8.10 2.29	53.32 -8.50 3.09	57.56 -8.62 0.65	58.96 -8.42 0.01	58.90 -8.34 0.01	59.87 -8.48 0.01	59.18 -8.45 0.01	59.72 -8.53 0.01	58.96 -8.35 0.01	57.56 -9.03 0.80	56.27 -8.83 2.29	56.17 -9.20 2.78	46.18 -7.39 0.00	43.77 -7.66 0.00
NEVERSINK___HYD 23608	53.70 3.04 0.00	46.58 2.43 0.00	45.84 2.35 0.00	42.25 2.16 0.00	40.12 2.09 0.00	36.36 1.83 0.00	38.11 2.02 0.00	42.97 2.47 0.00	49.53 3.20 0.05	57.63 3.72 0.07	65.99 4.66 0.05	69.90 5.06 0.07	72.57 5.75 0.02	76.31 5.93 -3.00	77.35 5.99 -4.12	78.55 6.15 -4.04	78.92 6.15 -5.13	79.23 6.21 -4.76	76.66 6.13 -3.22	74.47 6.06 -1.02	75.53 5.66 -2.49	73.74 5.66 0.07	57.49 3.91 0.00	54.73 3.29 0.00
NEWTON___FALLS_HYD 23847	53.05 2.38 0.00	45.97 1.81 0.00	44.75 1.26 0.00	41.21 1.12 0.00	39.09 1.06 0.00	35.47 0.93 0.00	37.10 1.01 0.00	42.29 1.78 0.00	48.75 2.37 0.00	57.21 3.24 0.00	65.12 3.74 0.00	68.87 3.96 0.00	71.38 4.55 0.00	70.28 2.90 0.00	69.94 2.69 0.00	71.16 2.80 0.00	70.21 2.57 0.00	70.78 2.53 0.00	69.40 2.09 0.00	69.88 2.49 0.00	70.35 2.96 0.00	72.85 4.70 0.00	56.95 3.38 0.00	54.26 2.83 0.00
NIAGARA___ 23760	45.24 -5.42 0.00	39.39 -4.77 0.00	38.23 -5.26 0.00	35.12 -4.97 0.00	33.54 -4.49 0.00	30.77 -3.76 0.00	32.16 -3.93 0.00	33.37 -7.13 0.00	36.60 -6.54 3.25	41.98 -7.56 4.44	49.21 -8.90 3.27	50.97 -9.54 4.40	56.08 -9.83 0.93	57.34 -10.04 0.01	57.02 -10.22 0.01	57.96 -10.39 0.01	57.35 -10.28 0.01	57.87 -10.37 0.01	57.14 -10.16 0.01	56.07 -10.17 1.14	54.15 -9.97 3.26	54.24 -9.95 3.96	46.56 -7.02 0.00	44.85 -6.58 0.00
NINE_MILE_1 23575	48.94 -1.72 0.00	42.61 -1.55 0.00	41.88 -1.61 0.00	38.56 -1.52 0.00	36.62 -1.41 0.00	33.29 -1.24 0.00	34.79 -1.30 0.00	38.76 -1.74 0.00	44.67 -1.72 0.00	51.98 -2.00 0.00	59.11 -2.27 0.00	62.51 -2.40 0.00	64.50 -2.34 0.00	65.03 -2.36 0.00	64.83 -2.42 0.00	65.96 -2.39 0.00	65.27 -2.37 0.00	65.80 -2.46 0.00	64.89 -2.42 0.00	64.89 -2.49 0.00	64.96 -2.43 0.00	65.76 -2.39 0.00	51.65 -1.93 0.00	49.58 -1.85 0.00
NINE_MILE_2 23744	48.94 -1.72 0.00	42.61 -1.55 0.00	41.88 -1.61 0.00	38.56 -1.52 0.00	36.62 -1.41 0.00	33.29 -1.24 0.00	34.79 -1.30 0.00	38.76 -1.74 0.00	44.67 -1.72 0.00	51.98 -2.00 0.00	59.11 -2.27 0.00	62.57 -2.34 0.00	64.50 -2.34 0.00	65.03 -2.36 0.00	64.89 -2.35 0.00	65.96 -2.39 0.00	65.27 -2.37 0.00	65.87 -2.39 0.00	64.89 -2.42 0.00	64.96 -2.43 0.00	64.96 -2.43 0.00	65.76 -2.39 0.00	51.70 -1.88 0.00	49.58 -1.85 0.00
NM_CAPITAL___DRP 24208	52.94 2.28 0.00	46.01 1.85 0.00	45.58 2.09 0.00	42.09 2.00 0.00	39.63 1.60 0.00	35.95 1.42 0.00	37.46 1.37 0.00	42.16 1.66 0.00	47.92 1.58 0.04	55.43 1.51 0.05	63.12 1.78 0.04	66.74 1.88 0.05	69.03 2.21 0.01	69.27 1.89 0.00	68.93 1.68 0.00	70.07 1.71 0.00	69.39 1.76 0.00	70.03 1.77 0.00	69.20 1.88 0.00	69.46 2.09 0.01	69.30 1.95 0.04	69.94 1.84 0.05	55.18 1.61 0.00	52.98 1.54 0.00
NM_CENTRAL___DRP 24181	49.55 -1.11 0.00	43.10 -1.06 0.00	42.32 -1.17 0.00	38.96 -1.12 0.00	37.00 -1.03 0.00	33.64 -0.90 0.00	35.19 -0.90 0.00	39.17 -1.34 0.00	45.27 -1.11 0.00	52.73 -1.24 0.00	60.09 -1.29 0.00	63.54 -1.36 0.00	65.64 -1.20 0.00	66.17 -1.21 0.00	65.97 -1.28 0.00	67.06 -1.30 0.00	66.35 -1.29 0.00	66.96 -1.30 0.00	65.97 -1.35 0.00	65.90 -1.48 0.00	65.90 -1.48 0.00	66.72 -1.43 0.00	52.40 -1.18 0.00	50.20 -1.23 0.00
NM_FRONTIER___DRP 24179	45.50 -5.17 0.00	39.61 -4.55 0.00	38.36 -5.13 0.00	35.24 -4.85 0.00	33.69 -4.34 0.00	30.91 -3.63 0.00	32.30 -3.79 0.00	33.50 -7.01 0.00	36.86 -6.31 3.22	42.34 -7.23 4.40	49.54 -8.59 3.24	51.39 -9.15 4.36	56.49 -9.42 0.92	57.74 -9.64 0.01	57.42 -9.82 0.01	58.37 -9.98 0.01	57.69 -9.94 0.01	58.28 -9.97 0.01	57.48 -9.83 0.01	56.42 -9.84 1.13	54.52 -9.64 3.23	54.55 -9.68 3.93	46.82 -6.75 0.00	45.11 -6.33 0.00
NM_ST_REGIS___HYD 24053	53.70 3.04 0.00	46.54 2.38 0.00	45.27 1.78 0.00	41.73 1.64 0.00	39.55 1.52 0.00	35.92 1.38 0.00	37.54 1.44 0.00	43.01 2.51 0.00	49.40 3.02 0.00	58.08 4.10 0.00	65.86 4.48 0.00	69.65 4.74 0.00	71.98 5.15 0.00	70.69 3.30 0.00	70.34 3.09 0.00	71.64 3.28 0.00	70.61 2.98 0.00	71.26 3.00 0.00	69.87 2.56 0.00	70.48 3.10 0.00	71.02 3.64 0.00	73.74 5.59 0.00	57.70 4.13 0.00	55.09 3.65 0.00
NORTHPORT___1 23551	63.75 5.42 -7.66	71.23 4.59 -22.49	66.77 4.44 -18.84	63.04 4.17 -18.79	54.94 3.95 -12.95	53.07 3.56 -14.98	63.36 3.86 -23.40	44.88 4.37 0.00	51.58 5.24 0.05	68.89 6.05 -8.86	74.81 7.24 -6.19	78.69 7.40 -6.38	82.14 8.02 -7.29	88.97 8.36 -13.23	89.87 8.27 -14.35	93.25 8.27 -16.62	93.26 8.18 -17.44	87.82 7.99 -11.58	81.02 7.67 -6.03	77.89 8.56 -1.94	79.83 7.75 -4.70	77.17 8.59 -0.43	75.56 6.38 -15.61	72.72 5.66 -15.63
NORTHPORT___2 23552	63.75 5.42 -7.66	71.23 4.59 -22.49	66.77 4.44 -18.84	63.04 4.17 -18.79	54.94 3.95 -12.95	53.07 3.56 -14.98	63.36 3.86 -23.40	44.88 4.37 0.00	51.58 5.24 0.05	68.89 6.05 -8.86	74.81 7.24 -6.19	78.69 7.40 -6.38	82.14 8.02 -7.29	88.97 8.36 -13.23	89.87 8.27 -14.35	93.25 8.27 -16.62	93.26 8.18 -17.44	87.82 7.99 -11.58	81.02 7.67 -6.03	77.89 8.56 -1.94	79.83 7.75 -4.70	77.17 8.59 -0.43	75.56 6.38 -15.61	72.72 5.66 -15.63
NORTHPORT___3 23553	63.14 4.81 -7.66	70.66 4.02 -22.49	66.25 3.91 -18.84	62.56 3.69 -18.79	54.44 3.46 -12.95	52.62 3.11 -14.98	62.89 3.39 -23.40	44.39 3.89 0.00	51.07 4.73 0.05	68.40 5.56 -8.86	73.89 6.32 -6.19	77.98 6.69 -6.38	81.48 7.35 -7.29	88.23 7.61 -13.23	89.13 7.53 -14.35	92.56 7.59 -16.62	92.58 7.51 -17.44	87.20 7.37 -11.58	80.35 7.00 -6.03	77.08 7.75 -1.94	78.96 6.87 -4.70	76.01 7.43 -0.43	74.60 5.41 -15.61	71.95 4.89 -15.63



NORTHPORT___4 23650	63.14 4.81 -7.66	70.66 4.02 -22.49	66.25 3.91 -18.84	62.56 3.69 -18.79	54.44 3.46 -12.95	52.62 3.11 -14.98	62.89 3.39 -23.40	44.39 3.89 0.00	51.07 4.73 0.05	68.40 5.56 -8.86	73.89 6.32 -6.19	77.98 6.69 -6.38	81.48 7.35 -7.29	88.23 7.61 -13.23	89.13 7.53 -14.35	92.56 7.59 -16.62	92.58 7.51 -17.44	87.20 7.37 -11.58	80.35 7.00 -6.03	77.08 7.75 -1.94	78.96 6.87 -4.70	76.01 7.43 -0.43	74.60 5.41 -15.61	71.95 4.89 -15.63
NORTHPORT___IC 23718	63.75 5.42 -7.66	71.23 4.59 -22.49	66.77 4.44 -18.84	63.04 4.17 -18.79	54.94 3.95 -12.95	53.07 3.56 -14.98	63.36 3.86 -23.40	44.88 4.37 0.00	51.58 5.24 0.05	68.89 6.05 -8.86	74.81 7.24 -6.19	78.69 7.40 -6.38	82.14 8.02 -7.29	88.97 8.36 -13.23	89.87 8.27 -14.35	93.25 8.27 -16.62	93.26 8.18 -17.44	87.82 7.99 -11.58	81.02 7.67 -6.03	77.89 8.56 -1.94	79.83 7.75 -4.70	77.17 8.59 -0.43	75.56 6.38 -15.61	72.72 5.66 -15.63
NPX_GEN_1385_PROXY 323591	63.75 5.42 -7.66	71.45 4.81 -22.49	67.03 4.70 -18.84	63.28 4.41 -18.79	55.16 4.18 -12.95	53.24 3.73 -14.98	63.54 4.04 -23.40	45.08 4.58 0.00	51.86 5.52 0.05	68.89 6.05 -8.86	74.75 7.18 -6.19	78.63 7.33 -6.38	82.08 7.95 -7.29	88.90 8.29 -13.23	89.74 8.14 -14.35	93.18 8.20 -16.62	93.19 8.12 -17.44	87.27 7.44 -11.58	80.48 7.14 -6.03	77.35 8.02 -1.94	79.36 7.28 -4.70	76.76 8.18 -0.43	75.24 6.05 -15.61	72.72 5.66 -15.63
NPX_GEN_CSC 323557	63.90 5.57 -7.66	74.24 7.59 -22.49	69.81 7.48 -18.84	66.41 7.54 -18.79	58.17 7.19 -12.95	56.04 6.53 -14.98	66.39 6.89 -23.40	47.02 6.52 0.00	52.97 6.63 0.05	70.61 7.77 -8.86	78.00 10.43 -6.19	83.69 12.40 -6.38	87.16 13.03 -7.29	94.36 13.75 -13.23	95.32 13.72 -14.35	98.44 13.47 -16.62	97.99 12.92 -17.44	92.39 12.56 -11.58	86.07 12.72 -6.03	82.60 13.27 -1.94	80.44 8.36 -4.70	77.71 9.13 -0.43	75.67 6.48 -15.61	72.67 5.61 -15.63
NSINS_S_GLNS_FALLS 23858	53.10 2.43 0.00	46.14 1.99 0.00	45.62 2.13 0.00	42.17 2.08 0.00	40.01 1.98 0.00	36.30 1.76 0.00	37.75 1.66 0.00	42.57 2.07 0.00	48.33 1.95 0.00	55.43 1.46 0.00	63.04 1.66 0.00	66.21 1.30 0.00	68.58 1.74 0.00	68.99 1.15 -0.46	68.62 0.74 -0.64	69.73 0.75 -0.62	69.37 0.95 -0.79	70.63 1.64 -0.73	70.03 2.22 -0.50	70.17 2.63 -0.16	70.07 2.29 -0.39	70.53 2.39 0.00	55.93 2.36 0.00	53.90 2.47 0.00
NUCOR_STEEL___DRP 24197	47.98 -2.69 0.00	41.77 -2.38 0.00	40.88 -2.61 0.00	37.56 -2.53 0.00	35.71 -2.32 0.00	32.50 -2.04 0.00	34.22 -1.88 0.00	37.75 -2.75 0.00	43.93 -2.50 -0.05	51.24 -2.81 -0.07	58.49 -2.95 -0.05	61.93 -3.05 -0.07	63.98 -2.87 -0.01	64.28 -3.10 0.00	64.02 -3.23 0.00	65.14 -3.21 0.00	64.46 -3.18 0.00	65.05 -3.21 0.00	64.08 -3.23 0.00	63.90 -3.50 -0.02	63.86 -3.57 -0.05	64.81 -3.41 -0.06	50.74 -2.84 0.00	48.61 -2.83 0.00
NYISO_LBMP_REFERENCE 24008	50.66 0.00 0.00	44.16 0.00 0.00	43.49 0.00 0.00	40.09 0.00 0.00	38.03 0.00 0.00	34.53 0.00 0.00	36.09 0.00 0.00	40.50 0.00 0.00	46.39 0.00 0.00	53.98 0.00 0.00	61.38 0.00 0.00	64.91 0.00 0.00	66.84 0.00 0.00	67.38 0.00 0.00	67.25 0.00 0.00	68.36 0.00 0.00	67.64 0.00 0.00	68.25 0.00 0.00	67.32 0.00 0.00	67.38 0.00 0.00	67.38 0.00 0.00	68.15 0.00 0.00	53.58 0.00 0.00	51.43 0.00 0.00
NYPA_BRENTWD___GT 24164	64.41 6.08 -7.66	72.43 5.78 -22.49	67.99 5.65 -18.84	64.29 5.41 -18.79	56.11 5.13 -12.95	54.14 4.63 -14.98	64.48 4.98 -23.40	45.81 5.31 0.00	52.51 6.17 0.05	70.07 7.23 -8.86	76.65 9.08 -6.19	81.22 9.93 -6.38	84.35 10.23 -7.29	91.13 10.51 -13.23	92.02 10.42 -14.35	95.44 10.46 -16.62	95.29 10.21 -17.44	89.80 9.97 -11.58	83.11 9.76 -6.03	79.91 10.58 -1.94	80.71 8.63 -4.70	78.33 9.75 -0.43	76.31 7.13 -15.61	73.34 6.27 -15.63
NYPA_GOWANUS___GT5 24156	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.61 7.67 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NYPA_GOWANUS___GT6 24157	55.38 4.71 -0.01	48.27 4.11 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.15 3.12 -0.01	37.30 2.76 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.93 4.59 0.05	59.20 5.29 0.07	69.37 6.51 -1.48	71.85 7.01 0.07	74.51 7.69 0.01	80.60 7.61 -5.60	82.61 7.67 -7.69	83.90 8.00 -7.55	85.19 7.98 -9.57	85.27 8.12 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.78 8.15 -13.24	88.78 8.04 -12.59	73.84 5.73 -14.54	69.86 5.14 -13.28
NYPA_HARLEM_RVR_GT1 24160	55.39 4.71 -0.01	48.27 4.11 -0.01	47.06 3.57 -0.01	43.50 3.41 -0.01	41.31 3.27 -0.01	37.41 2.87 -0.01	39.23 3.14 0.00	44.27 3.77 0.00	50.92 4.59 0.06	59.08 5.18 0.08	67.66 6.32 0.05	71.52 6.69 0.08	74.17 7.35 0.02	80.25 7.28 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.44 7.24 -9.57	84.51 7.37 -8.88	80.79 7.47 -6.01	76.93 7.61 -1.93	79.70 7.61 -4.70	75.97 7.63 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
NYPA_HARLEM_RVR_GT2 24161	55.39 4.71 -0.01	48.27 4.11 -0.01	47.06 3.57 -0.01	43.50 3.41 -0.01	41.31 3.27 -0.01	37.41 2.87 -0.01	39.23 3.14 0.00	44.27 3.77 0.00	50.92 4.59 0.06	59.08 5.18 0.08	67.66 6.32 0.05	71.52 6.69 0.08	74.17 7.35 0.02	80.25 7.28 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.44 7.24 -9.57	84.51 7.37 -8.88	80.79 7.47 -6.01	76.93 7.61 -1.93	79.70 7.61 -4.70	75.97 7.63 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
NYPA_KENT___GT 24152	55.33 4.66 -0.01	48.14 3.97 -0.01	47.15 3.65 -0.01	43.42 3.33 -0.01	41.19 3.16 -0.01	37.34 2.80 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.78 6.95 0.07	74.44 7.62 0.01	80.53 7.55 -5.60	82.54 7.60 -7.69	83.70 7.79 -7.55	84.99 7.78 -9.57	85.06 7.92 -8.89	81.21 7.88 -6.01	77.35 8.02 -1.94	85.19 7.95 -9.86	83.73 7.91 -7.68	73.74 5.63 -14.54	69.71 4.99 -13.28
NYPA_POUCH1___GT 24155	55.28 4.61 -0.01	48.23 4.06 -0.01	47.11 3.61 -0.01	43.30 3.21 -0.01	41.04 3.00 -0.01	37.24 2.69 -0.02	39.06 2.96 0.00	44.15 3.65 0.00	50.79 4.45 0.05	59.04 5.13 0.06	69.21 6.32 -1.51	71.66 6.82 0.06	74.38 7.55 0.01	80.47 7.48 -5.60	82.61 7.67 -7.70	83.90 8.00 -7.55	85.26 8.05 -9.57	85.34 8.19 -8.89	81.41 8.08 -6.01	77.55 8.22 -1.95	88.71 8.09 -13.24	94.47 7.97 -18.35	73.79 5.68 -14.54	69.91 5.19 -13.28
NYPA_VERNON___GT2 24162	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.38 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.38 7.55 0.01	80.53 7.55 -5.60	82.47 7.53 -7.69	83.63 7.72 -7.55	84.92 7.71 -9.57	84.93 7.78 -8.89	81.14 7.81 -6.01	77.21 7.88 -1.94	81.61 7.75 -6.47	78.68 7.77 -2.76	73.58 5.46 -14.54	69.50 4.78 -13.28
NYPA_VERNON___GT3 24163	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.38 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.38 7.55 0.01	80.53 7.55 -5.60	82.47 7.53 -7.69	83.63 7.72 -7.55	84.92 7.71 -9.57	84.93 7.78 -8.89	81.14 7.81 -6.01	77.21 7.88 -1.94	81.61 7.75 -6.47	78.68 7.77 -2.76	73.58 5.46 -14.54	69.50 4.78 -13.28



NYPA___ASTORIA_CC1 323568	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.37 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.46 7.48 -5.60	82.41 7.46 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.86 7.71 -8.89	81.07 7.74 -6.01	77.14 7.82 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.52 5.41 -14.54	69.45 4.73 -13.28
NYPA___ASTORIA_CC2 323569	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.37 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.46 7.48 -5.60	82.41 7.46 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.86 7.71 -8.89	81.07 7.74 -6.01	77.14 7.82 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.52 5.41 -14.54	69.45 4.73 -13.28
NYPA___HOLTSVILL 23794	63.95 5.62 -7.66	74.06 7.42 -22.49	69.64 7.31 -18.84	66.25 7.38 -18.79	58.02 7.04 -12.95	55.90 6.39 -14.98	66.25 6.75 -23.40	46.94 6.44 0.00	53.06 6.73 0.05	70.67 7.83 -8.86	78.00 10.43 -6.19	83.62 12.33 -6.38	87.02 12.90 -7.29	94.23 13.61 -13.23	95.18 13.58 -14.35	98.31 13.33 -16.62	97.86 12.78 -17.44	92.25 12.42 -11.58	85.94 12.59 -6.03	82.53 13.21 -1.94	80.37 8.29 -4.70	77.64 9.06 -0.43	75.73 6.54 -15.61	72.77 5.71 -15.63
NYPA___HELLGATE_GT1 24158	55.40 4.71 -0.02	48.27 4.11 -0.01	47.06 3.57 -0.01	43.50 3.41 -0.01	41.31 3.27 -0.01	37.41 2.87 -0.01	39.23 3.14 0.00	44.27 3.77 0.00	50.92 4.59 0.06	59.08 5.18 0.08	67.66 6.32 0.05	71.52 6.69 0.08	74.17 7.35 0.02	80.25 7.28 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	76.93 7.61 -1.93	79.70 7.61 -4.70	75.97 7.63 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
NYPA___HELLGATE_GT2 24159	55.40 4.71 -0.02	48.27 4.11 -0.01	47.06 3.57 -0.01	43.50 3.41 -0.01	41.31 3.27 -0.01	37.41 2.87 -0.01	39.23 3.14 0.00	44.27 3.77 0.00	50.92 4.59 0.06	59.08 5.18 0.08	67.66 6.32 0.05	71.52 6.69 0.08	74.17 7.35 0.02	80.25 7.28 -5.59	82.06 7.13 -7.68	83.21 7.31 -7.54	84.51 7.30 -9.57	84.58 7.44 -8.88	80.79 7.47 -6.01	76.93 7.61 -1.93	79.70 7.61 -4.70	75.97 7.63 -0.19	73.36 5.25 -14.54	68.93 4.63 -12.87
NYS_BARGE___HYD 23848	45.24 -5.42 0.00	39.39 -4.77 0.00	38.14 -5.35 0.00	35.04 -5.05 0.00	33.54 -4.49 0.00	30.74 -3.80 0.00	32.16 -3.93 0.00	33.46 -7.05 0.00	36.71 -6.40 3.27	42.16 -7.34 4.47	49.43 -8.65 3.29	51.26 -9.22 4.43	56.27 -9.62 0.94	57.61 -9.77 0.01	57.29 -9.95 0.01	58.23 -10.12 0.01	57.62 -10.01 0.01	58.14 -10.10 0.01	57.41 -9.90 0.01	56.34 -9.91 1.14	54.46 -9.64 3.28	54.48 -9.68 3.99	46.72 -6.86 0.00	44.95 -6.48 0.00
O.H_GEN_BRUCE 24063	45.24 -5.42 0.00	39.39 -4.77 0.00	38.23 -5.26 0.00	35.12 -4.97 0.00	33.58 -4.45 0.00	30.77 -3.76 0.00	32.16 -3.93 0.00	33.42 -7.09 0.00	36.62 -6.49 3.27	42.00 -7.50 4.47	49.19 -8.90 3.29	51.00 -9.48 4.43	54.75 -9.76 2.33	55.00 -9.97 2.41	55.00 -10.15 2.09	55.00 -10.39 2.97	56.00 -10.28 1.35	55.00 -10.31 2.95	52.15 -10.16 5.00	52.28 -10.11 5.00	52.48 -9.91 5.00	53.20 -9.95 5.00	46.56 -7.02 0.00	44.90 -6.53 0.00
OAK ORCHARD___HYD 24046	47.37 -3.29 0.00	41.20 -2.96 0.00	40.23 -3.26 0.00	36.96 -3.13 0.00	35.18 -2.85 0.00	32.19 -2.35 0.00	33.64 -2.45 0.00	36.25 -4.25 0.00	39.01 -3.80 3.57	44.72 -4.37 4.88	52.75 -5.03 3.60	54.75 -5.32 4.84	60.47 -5.35 1.03	62.05 -5.32 0.01	61.86 -5.38 0.01	62.95 -5.40 0.01	62.28 -5.34 0.01	62.85 -5.39 0.01	61.92 -5.39 0.01	60.61 -5.53 1.25	58.41 -5.39 3.58	58.41 -5.38 4.35	49.61 -3.96 0.00	47.73 -3.70 0.00
OCC_CHEM___DRP 24175	45.50 -5.17 0.00	39.61 -4.55 0.00	38.36 -5.13 0.00	35.24 -4.85 0.00	33.73 -4.30 0.00	30.91 -3.63 0.00	32.30 -3.79 0.00	33.50 -7.01 0.00	36.86 -6.31 3.22	42.34 -7.23 4.40	49.55 -8.59 3.24	51.46 -9.09 4.36	56.56 -9.36 0.92	57.81 -9.57 0.01	57.42 -9.82 0.01	58.37 -9.98 0.01	57.75 -9.87 0.01	58.28 -9.97 0.01	57.55 -9.76 0.01	56.49 -9.77 1.12	54.52 -9.64 3.23	54.55 -9.68 3.92	46.88 -6.70 0.00	45.11 -6.33 0.00
OLIN_CORP_DRP 24177	45.29 -5.37 0.00	39.39 -4.77 0.00	38.18 -5.31 0.00	35.08 -5.01 0.00	33.54 -4.49 0.00	30.77 -3.76 0.00	32.16 -3.93 0.00	33.42 -7.09 0.00	36.75 -6.45 3.19	42.22 -7.39 4.36	49.39 -8.78 3.21	51.24 -9.35 4.32	56.30 -9.62 0.92	57.54 -9.84 0.01	57.22 -10.02 0.01	58.16 -10.19 0.01	57.55 -10.08 0.01	58.08 -10.17 0.01	57.35 -9.96 0.01	56.30 -9.97 1.11	54.41 -9.77 3.20	54.45 -9.81 3.89	46.66 -6.91 0.00	44.90 -6.53 0.00
ONONDAGA_REF_OCCRA 23987	49.65 -1.01 0.00	43.18 -0.97 0.00	42.45 -1.04 0.00	39.04 -1.04 0.00	37.08 -0.95 0.00	33.71 -0.83 0.00	35.30 -0.79 0.00	39.33 -1.17 0.00	45.41 -0.97 0.00	52.95 -1.03 0.00	60.34 -1.04 0.00	63.87 -1.04 0.00	66.04 -0.80 0.00	66.58 -0.81 0.00	66.31 -0.94 0.00	67.47 -0.89 0.00	66.69 -0.95 0.00	67.30 -0.96 0.00	66.31 -1.01 0.00	66.24 -1.15 0.00	66.24 -1.15 0.00	67.06 -1.09 0.00	52.56 -1.02 0.00	50.41 -1.03 0.00
ONONDAGA___COGEN 23986	49.70 -0.96 0.00	43.27 -0.88 0.00	42.49 -1.00 0.00	39.13 -0.96 0.00	37.15 -0.87 0.00	33.74 -0.79 0.00	35.33 -0.76 0.00	39.33 -1.17 0.00	45.50 -0.93 -0.04	53.00 -1.03 -0.05	60.38 -1.04 -0.04	63.92 -1.04 -0.05	66.05 -0.80 -0.01	66.64 -0.74 0.00	66.44 -0.81 0.00	67.54 -0.82 0.00	66.82 -0.81 0.00	67.37 -0.89 0.00	66.37 -0.94 0.00	66.25 -1.15 -0.01	66.35 -1.08 -0.04	67.18 -1.02 -0.05	52.61 -0.96 0.00	50.46 -0.98 0.00
ONTARIO___LFGE 23819	48.13 -2.53 0.00	41.82 -2.34 0.00	40.88 -2.61 0.00	37.60 -2.49 0.00	35.78 -2.24 0.00	32.60 -1.93 0.00	34.29 -1.80 0.00	37.55 -2.96 0.00	43.94 -2.50 -0.06	51.20 -2.86 -0.09	58.25 -3.19 -0.06	61.68 -3.31 -0.09	63.65 -3.21 -0.02	64.28 -3.10 0.00	64.09 -3.16 0.00	65.14 -3.21 0.00	64.39 -3.25 0.00	65.05 -3.21 0.00	64.08 -3.23 0.00	63.90 -3.50 -0.02	64.08 -3.37 -0.06	64.82 -3.41 -0.08	50.84 -2.73 0.00	48.66 -2.78 0.00
OSWEGATCHIE___HYD 24044	53.05 2.38 0.00	45.97 1.81 0.00	44.75 1.26 0.00	41.21 1.12 0.00	39.09 1.06 0.00	35.47 0.93 0.00	37.10 1.01 0.00	42.29 1.78 0.00	48.75 2.37 0.00	57.21 3.24 0.00	65.12 3.74 0.00	68.87 3.96 0.00	71.38 4.55 0.00	70.28 2.90 0.00	69.94 2.69 0.00	71.16 2.80 0.00	70.21 2.57 0.00	70.78 2.53 0.00	69.40 2.09 0.00	69.88 2.49 0.00	70.35 2.96 0.00	72.85 4.70 0.00	56.95 3.38 0.00	54.26 2.83 0.00
OSWEGO___5 23606	49.20 -1.47 0.00	42.83 -1.32 0.00	42.10 -1.39 0.00	38.76 -1.32 0.00	36.81 -1.22 0.00	33.46 -1.07 0.00	34.97 -1.12 0.00	38.96 -1.54 0.00	44.90 -1.48 0.00	52.30 -1.67 0.00	59.48 -1.90 0.00	62.96 -1.95 0.00	64.90 -1.94 0.00	65.43 -1.95 0.00	65.30 -1.95 0.00	66.37 -1.98 0.00	65.67 -1.96 0.00	66.27 -1.98 0.00	65.30 -2.02 0.00	65.29 -2.09 0.00	65.36 -2.02 0.00	66.17 -1.98 0.00	51.97 -1.61 0.00	49.84 -1.59 0.00
OSWEGO___6 23613	49.20 -1.47 0.00	42.83 -1.32 0.00	42.10 -1.39 0.00	38.76 -1.32 0.00	36.81 -1.22 0.00	33.46 -1.07 0.00	34.97 -1.12 0.00	38.96 -1.54 0.00	44.90 -1.48 0.00	52.30 -1.67 0.00	59.48 -1.90 0.00	62.96 -1.95 0.00	64.90 -1.94 0.00	65.43 -1.95 0.00	65.30 -1.95 0.00	66.37 -1.98 0.00	65.67 -1.96 0.00	66.27 -1.98 0.00	65.30 -2.02 0.00	65.29 -2.09 0.00	65.36 -2.02 0.00	66.17 -1.98 0.00	51.97 -1.61 0.00	49.84 -1.59 0.00



OUTOKUMPU-AB___DRP 24206	45.60 -5.07 0.00	39.70 -4.46 0.00	38.40 -5.09 0.00	35.28 -4.81 0.00	33.77 -4.26 0.00	30.94 -3.59 0.00	32.38 -3.72 0.00	33.74 -6.76 0.00	37.18 -6.03 3.18	42.72 -6.91 4.35	50.14 -8.04 3.20	52.03 -8.57 4.31	57.10 -8.82 0.91	58.41 -8.96 0.01	58.09 -9.15 0.01	58.98 -9.36 0.01	58.36 -9.27 0.01	58.90 -9.35 0.01	58.15 -9.15 0.01	57.04 -9.23 1.11	55.03 -9.16 3.19	55.07 -9.20 3.88	47.15 -6.43 0.00	45.31 -6.12 0.00
OXBOW____ 24026	45.60 -5.07 0.00	39.70 -4.46 0.00	38.40 -5.09 0.00	35.28 -4.81 0.00	33.77 -4.26 0.00	30.94 -3.59 0.00	32.34 -3.75 0.00	33.66 -6.85 0.00	37.06 -6.12 3.20	42.59 -7.02 4.37	49.93 -8.22 3.22	51.81 -8.76 4.33	56.96 -8.96 0.92	58.21 -9.16 0.01	57.89 -9.35 0.01	58.78 -9.57 0.01	58.16 -9.47 0.01	58.69 -9.56 0.01	57.95 -9.36 0.01	56.83 -9.43 1.12	54.88 -9.30 3.21	54.92 -9.34 3.90	47.04 -6.54 0.00	45.26 -6.17 0.00
PEEKSKILL____ 23653	54.41 3.75 0.00	47.11 2.96 0.00	46.36 2.87 0.00	42.73 2.65 0.00	40.54 2.51 0.00	36.74 2.21 0.00	38.55 2.45 0.00	43.58 3.08 0.00	50.14 3.80 0.05	58.28 4.37 0.07	66.73 5.40 0.05	70.62 5.78 0.07	73.24 6.42 0.01	79.36 6.47 0.01	81.27 6.46 0.01	82.34 6.56 0.01	83.61 6.56 0.01	83.61 6.62 0.01	79.82 6.60 0.01	75.95 6.67 0.01	78.61 6.60 0.01	74.56 6.47 0.06	58.08 4.50 0.00	55.24 3.81 0.00
PGE MADISON___WINDPWR 24146	50.11 -0.56 0.00	43.45 -0.71 0.00	42.53 -0.96 0.00	39.13 -0.96 0.00	37.15 -0.87 0.00	33.81 -0.73 0.00	35.73 -0.36 0.00	39.94 -0.57 0.00	46.18 -0.05 0.16	53.81 0.05 0.22	61.71 0.49 0.16	65.21 0.52 0.22	67.79 1.00 0.05	68.12 0.74 0.00	67.72 0.47 0.00	68.90 0.55 0.00	68.04 0.41 0.00	68.73 0.48 0.00	67.79 0.47 0.00	67.46 0.13 0.06	67.22 0.00 0.16	68.16 0.20 0.20	53.31 -0.27 0.00	50.77 -0.67 0.00
PIERCEFIELD___HYD 23852	54.36 3.70 0.00	47.07 2.91 0.00	45.71 2.22 0.00	42.09 2.00 0.00	39.89 1.86 0.00	36.23 1.69 0.00	37.86 1.77 0.00	43.42 2.92 0.00	50.00 3.62 0.00	58.83 4.86 0.00	66.84 5.46 0.00	70.68 5.78 0.00	73.25 6.42 0.00	71.49 4.11 0.00	71.08 3.83 0.00	72.39 4.03 0.00	71.36 3.72 0.00	72.01 3.75 0.00	70.55 3.23 0.00	71.29 3.91 0.00	71.83 4.45 0.00	74.90 6.75 0.00	58.56 4.98 0.00	55.75 4.32 0.00
PINELAWN_CC_1 323563	64.05 5.73 -7.66	71.41 4.77 -22.49	66.94 4.61 -18.84	63.16 4.29 -18.79	55.05 4.07 -12.95	53.17 3.66 -14.98	63.54 4.04 -23.40	45.16 4.66 0.00	51.95 5.61 0.05	69.10 6.26 -8.86	74.93 7.37 -6.19	79.01 7.72 -6.38	82.55 8.42 -7.29	89.37 8.76 -13.23	90.27 8.67 -14.35	93.79 8.82 -16.62	93.73 8.66 -17.44	88.36 8.53 -11.58	81.56 8.21 -6.03	78.29 8.96 -1.94	80.10 8.02 -4.70	77.44 8.86 -0.43	75.51 6.32 -15.61	72.62 5.55 -15.63
PJM_GEN_KEystone 24065	45.44 -6.28 -1.06	41.96 -0.93 1.27	38.76 -0.30 4.43	33.93 -0.32 5.84	34.21 -0.23 3.59	33.93 -0.24 0.36	36.00 0.07 0.16	41.11 0.08 -0.53	46.36 0.60 0.63	53.71 0.59 0.86	62.04 1.10 0.44	65.22 1.17 0.85	68.26 1.60 0.18	72.53 1.68 -3.46	73.76 1.75 -4.76	74.73 1.71 -4.67	75.32 1.76 -5.92	75.53 1.77 -5.50	72.85 1.82 -3.72	69.99 1.62 -0.99	65.31 -4.38 -2.31	68.85 1.43 0.74	59.18 0.64 -4.96	50.00 0.05 1.48
PJM_GEN_NEPTUNE_PROXY 323594	63.09 4.76 -7.66	70.48 3.84 -22.49	66.07 3.74 -18.84	62.36 3.49 -18.79	54.29 3.31 -12.95	52.45 2.94 -14.98	62.71 3.21 -23.40	44.27 3.77 0.00	50.97 4.64 0.05	68.24 5.40 -8.86	74.01 6.44 -6.19	78.04 6.75 -6.38	81.54 7.42 -7.29	88.36 7.75 -13.23	89.33 7.73 -14.35	92.77 7.79 -16.62	92.85 7.78 -17.44	87.54 7.71 -11.58	80.62 7.27 -6.03	77.21 7.88 -1.94	79.30 7.21 -4.70	76.28 7.70 -0.43	74.71 5.52 -15.61	71.90 4.83 -15.63
PLEASANTVLY___LBMP 24000	54.21 3.55 0.00	46.98 2.83 0.00	46.27 2.78 0.00	42.69 2.61 0.00	40.50 2.47 0.00	36.71 2.18 0.00	38.47 2.38 0.00	43.42 2.92 0.00	49.91 3.57 0.05	57.96 4.05 0.07	66.30 4.97 0.05	70.10 5.26 0.07	72.64 5.81 0.01	79.65 5.80 -6.47	81.85 5.72 -8.89	82.89 5.81 -8.72	84.51 5.82 -11.06	84.40 5.87 -10.27	80.19 5.92 -6.95	75.68 6.06 -2.23	78.75 5.93 -5.44	73.95 5.86 0.06	57.70 4.13 0.00	55.03 3.60 0.00
POLETTI____ 23519	55.13 4.46 -0.01	47.73 3.58 0.00	46.93 3.44 0.00	43.25 3.17 0.00	41.03 3.00 0.00	37.19 2.66 0.00	39.02 2.92 0.00	44.11 3.60 0.00	50.79 4.45 0.05	59.04 5.13 0.07	68.95 6.14 -1.43	71.27 6.43 0.07	73.84 7.02 0.01	80.06 7.08 -5.60	81.93 6.99 -7.69	83.01 7.11 -7.55	84.31 7.10 -9.57	84.31 7.17 -8.89	80.50 7.20 -5.98	76.60 7.28 -1.94	79.29 7.21 -4.70	75.49 7.16 -0.18	72.70 5.04 -14.09	68.68 4.37 -12.88
PORT_JEFF_3 23555	64.05 5.73 -7.66	73.84 7.20 -22.49	69.51 7.18 -18.84	66.21 7.34 -18.79	58.02 7.04 -12.95	55.90 6.39 -14.98	66.21 6.71 -23.40	46.98 6.48 0.00	53.11 6.77 0.05	70.61 7.77 -8.86	77.82 10.25 -6.19	83.43 12.14 -6.38	86.76 12.63 -7.29	93.96 13.34 -13.23	94.91 13.32 -14.35	97.90 12.92 -16.62	97.45 12.38 -17.44	91.91 12.08 -11.58	85.67 12.32 -6.03	82.33 13.01 -1.94	80.24 8.15 -4.70	77.58 9.00 -0.43	75.56 6.38 -15.61	72.62 5.55 -15.63
PORT_JEFF_4 23616	64.05 5.73 -7.66	73.84 7.20 -22.49	69.51 7.18 -18.84	66.21 7.34 -18.79	58.02 7.04 -12.95	55.90 6.39 -14.98	66.21 6.71 -23.40	46.98 6.48 0.00	53.11 6.77 0.05	70.61 7.77 -8.86	77.82 10.25 -6.19	83.43 12.14 -6.38	86.76 12.63 -7.29	93.96 13.34 -13.23	94.91 13.32 -14.35	97.90 12.92 -16.62	97.45 12.38 -17.44	91.91 12.08 -11.58	85.67 12.32 -6.03	82.33 13.01 -1.94	80.24 8.15 -4.70	77.58 9.00 -0.43	75.56 6.38 -15.61	72.62 5.55 -15.63
PORT_JEFF_IC 23713	64.30 5.98 -7.66	74.02 7.37 -22.49	69.64 7.31 -18.84	66.29 7.42 -18.79	58.05 7.07 -12.95	55.93 6.42 -14.98	66.28 6.79 -23.40	47.07 6.56 0.00	53.25 6.91 0.05	70.83 7.99 -8.86	78.13 10.56 -6.19	83.75 12.46 -6.38	86.82 12.70 -7.29	94.02 13.41 -13.23	94.98 13.38 -14.35	98.03 13.06 -16.62	97.58 12.51 -17.44	92.05 12.22 -11.58	85.73 12.39 -6.03	82.67 13.34 -1.94	80.71 8.63 -4.70	77.99 9.40 -0.43	75.89 6.70 -15.61	72.93 5.86 -15.63
PPL PILGRIM_ST_GT1 24216	64.41 6.08 -7.66	72.43 5.78 -22.49	67.99 5.65 -18.84	64.29 5.41 -18.79	56.11 5.13 -12.95	54.14 4.63 -14.98	64.48 4.98 -23.40	45.81 5.31 0.00	52.51 6.17 0.05	70.07 7.23 -8.86	76.65 9.08 -6.19	81.22 9.93 -6.38	84.35 10.23 -7.29	91.13 10.51 -13.23	92.02 10.42 -14.35	95.44 10.46 -16.62	95.29 10.21 -17.44	89.80 9.97 -11.58	83.11 9.76 -6.03	79.91 10.58 -1.94	80.71 8.63 -4.70	78.33 9.75 -0.43	76.31 7.13 -15.61	73.34 6.27 -15.63
PPL PILGRIM_ST_GT2 24217	64.41 6.08 -7.66	72.43 5.78 -22.49	67.99 5.65 -18.84	64.29 5.41 -18.79	56.11 5.13 -12.95	54.14 4.63 -14.98	64.48 4.98 -23.40	45.81 5.31 0.00	52.51 6.17 0.05	70.07 7.23 -8.86	76.65 9.08 -6.19	81.22 9.93 -6.38	84.35 10.23 -7.29	91.13 10.51 -13.23	92.02 10.42 -14.35	95.44 10.46 -16.62	95.29 10.21 -17.44	89.80 9.97 -11.58	83.11 9.76 -6.03	79.91 10.58 -1.94	80.71 8.63 -4.70	78.33 9.75 -0.43	76.31 7.13 -15.61	73.34 6.27 -15.63
PPL_SHRM_GT3 24213	64.10 5.78 -7.66	74.46 7.82 -22.49	70.03 7.70 -18.84	66.61 7.74 -18.79	58.36 7.38 -12.95	56.21 6.70 -14.98	66.57 7.07 -23.40	47.19 6.68 0.00	53.15 6.82 0.05	70.88 8.04 -8.86	78.31 10.74 -6.19	84.01 12.72 -6.38	87.62 13.50 -7.29	94.83 14.22 -13.23	95.79 14.19 -14.35	98.92 13.94 -16.62	98.40 13.32 -17.44	92.87 13.04 -11.58	86.54 13.19 -6.03	83.01 13.68 -1.94	80.78 8.69 -4.70	78.05 9.47 -0.43	75.94 6.75 -15.61	72.88 5.81 -15.63



PPL_SHRM_GT4 24214	64.10 5.78 -7.66	74.46 7.82 -22.49	70.03 7.70 -18.84	66.61 7.74 -18.79	58.36 7.38 -12.95	56.21 6.70 -14.98	66.57 7.07 -23.40	47.19 6.68 0.00	53.15 6.82 0.05	70.88 8.04 -8.86	78.31 10.74 -6.19	84.01 12.72 -6.38	87.62 13.50 -7.29	94.83 14.22 -13.23	95.79 14.19 -14.35	98.92 13.94 -16.62	98.40 13.32 -17.44	92.87 13.04 -11.58	86.54 13.19 -6.03	83.01 13.68 -1.94	80.78 8.69 -4.70	78.05 9.47 -0.43	75.94 6.75 -15.61	72.88 5.81 -15.63
PROJECT___ORANGE 1 24174	49.55 -1.11 0.00	43.10 -1.06 0.00	42.32 -1.17 0.00	38.96 -1.12 0.00	37.00 -1.03 0.00	33.64 -0.90 0.00	35.19 -0.90 0.00	39.17 -1.34 0.00	45.27 -1.11 0.00	52.73 -1.24 0.00	60.09 -1.29 0.00	63.54 -1.36 0.00	65.64 -1.20 0.00	66.17 -1.21 0.00	65.97 -1.28 0.00	67.06 -1.30 0.00	66.35 -1.29 0.00	66.89 -1.37 0.00	65.97 -1.35 0.00	65.90 -1.48 0.00	65.90 -1.48 0.00	66.72 -1.43 0.00	52.34 -1.23 0.00	50.20 -1.23 0.00
PROJECT___ORANGE 2 24166	49.55 -1.11 0.00	43.10 -1.06 0.00	42.32 -1.17 0.00	38.96 -1.12 0.00	37.00 -1.03 0.00	33.64 -0.90 0.00	35.19 -0.90 0.00	39.17 -1.34 0.00	45.27 -1.11 0.00	52.73 -1.24 0.00	60.09 -1.29 0.00	63.54 -1.36 0.00	65.64 -1.20 0.00	66.17 -1.21 0.00	65.97 -1.28 0.00	67.06 -1.30 0.00	66.35 -1.29 0.00	66.89 -1.37 0.00	65.97 -1.35 0.00	65.90 -1.48 0.00	65.90 -1.48 0.00	66.72 -1.43 0.00	52.34 -1.23 0.00	50.20 -1.23 0.00
PYRITES___HYD 24023	54.97 4.31 0.00	47.56 3.40 0.00	46.14 2.65 0.00	42.49 2.41 0.00	40.27 2.24 0.00	36.57 2.04 0.00	38.19 2.09 0.00	43.87 3.36 0.00	50.61 4.22 0.00	59.59 5.61 0.00	67.95 6.57 0.00	71.85 6.95 0.00	74.59 7.75 0.00	72.84 5.46 0.00	72.29 5.04 0.00	73.76 5.40 0.00	72.57 4.94 0.00	73.24 4.98 0.00	71.69 4.38 0.00	72.37 4.99 0.00	72.77 5.39 0.00	75.92 7.77 0.00	59.31 5.73 0.00	56.42 4.99 0.00
RAMAPO___LBMP 323565	54.21 3.55 0.00	46.94 2.78 0.00	46.19 2.70 0.00	42.61 2.53 0.00	40.42 2.40 0.00	36.64 2.11 0.00	38.47 2.38 0.00	43.54 3.04 0.00	50.14 3.80 0.05	58.23 4.32 0.07	66.67 5.34 0.05	70.55 5.71 0.07	73.17 6.35 0.01	78.90 6.40 -5.11	80.66 6.39 -7.02	81.74 6.49 -6.89	82.87 6.49 -8.74	82.93 6.55 -8.12	79.40 6.60 -5.49	75.74 6.60 -1.76	78.14 6.47 -4.29	74.49 6.41 0.06	57.97 4.39 0.00	55.09 3.65 0.00
RANKINE____ 23646	45.24 -5.42 0.00	39.39 -4.77 0.00	38.18 -5.31 0.00	35.04 -5.05 0.00	33.54 -4.49 0.00	30.70 -3.83 0.00	32.16 -3.93 0.00	33.78 -6.72 0.00	37.22 -6.12 3.04	42.80 -7.02 4.15	50.10 -8.22 3.06	52.09 -8.70 4.12	57.08 -8.89 0.87	58.35 -9.03 0.01	58.03 -9.21 0.01	58.98 -9.36 0.01	58.36 -9.27 0.01	58.90 -9.35 0.01	58.15 -9.15 0.01	57.02 -9.30 1.06	55.17 -9.16 3.05	55.18 -9.27 3.70	46.93 -6.64 0.00	45.06 -6.38 0.00
RAVENSWOOD_GT2_1 24244	55.13 4.46 -0.01	47.78 3.62 0.00	46.93 3.44 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.19 2.66 0.00	39.05 2.96 0.00	44.15 3.65 0.00	50.79 4.45 0.05	59.04 5.13 0.07	69.12 6.26 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.27 7.33 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.65 7.51 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.56 7.48 -4.70	75.77 7.43 -0.19	73.36 5.25 -14.54	69.29 4.58 -13.28
RAVENSWOOD_GT2_2 24245	55.13 4.46 -0.01	47.78 3.62 0.00	46.93 3.44 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.19 2.66 0.00	39.05 2.96 0.00	44.15 3.65 0.00	50.79 4.45 0.05	59.04 5.13 0.07	69.12 6.26 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.27 7.33 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.65 7.51 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.56 7.48 -4.70	75.77 7.43 -0.19	73.36 5.25 -14.54	69.29 4.58 -13.28
RAVENSWOOD_GT2_3 24246	55.18 4.51 -0.01	47.82 3.66 0.00	46.97 3.48 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.23 2.69 0.00	39.05 2.96 0.00	44.19 3.69 0.00	50.84 4.50 0.05	59.09 5.18 0.07	69.18 6.32 -1.48	71.53 6.69 0.07	74.18 7.35 0.01	80.40 7.41 -5.60	82.27 7.33 -7.69	83.35 7.45 -7.55	84.65 7.44 -9.57	84.65 7.51 -8.89	80.87 7.54 -6.01	77.01 7.68 -1.94	79.63 7.55 -4.70	75.84 7.50 -0.19	73.41 5.30 -14.54	69.35 4.63 -13.28
RAVENSWOOD_GT2_4 24247	55.18 4.51 -0.01	47.82 3.66 0.00	46.97 3.48 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.23 2.69 0.00	39.05 2.96 0.00	44.19 3.69 0.00	50.84 4.50 0.05	59.09 5.18 0.07	69.18 6.32 -1.48	71.53 6.69 0.07	74.18 7.35 0.01	80.40 7.41 -5.60	82.27 7.33 -7.69	83.35 7.45 -7.55	84.65 7.44 -9.57	84.65 7.51 -8.89	80.87 7.54 -6.01	77.01 7.68 -1.94	79.63 7.55 -4.70	75.84 7.50 -0.19	73.41 5.30 -14.54	69.35 4.63 -13.28
RAVENSWOOD_GT3_1 24248	55.13 4.46 -0.01	47.78 3.62 0.00	46.93 3.44 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.19 2.66 0.00	39.05 2.96 0.00	44.15 3.65 0.00	50.79 4.45 0.05	59.04 5.13 0.07	69.12 6.26 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.27 7.33 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.65 7.51 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.56 7.48 -4.70	75.77 7.43 -0.19	73.36 5.25 -14.54	69.29 4.58 -13.28
RAVENSWOOD_GT3_2 24249	55.13 4.46 -0.01	47.78 3.62 0.00	46.93 3.44 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.19 2.66 0.00	39.05 2.96 0.00	44.15 3.65 0.00	50.79 4.45 0.05	59.04 5.13 0.07	69.12 6.26 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.27 7.33 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.65 7.51 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.56 7.48 -4.70	75.77 7.43 -0.19	73.36 5.25 -14.54	69.29 4.58 -13.28
RAVENSWOOD_GT3_3 24250	55.23 4.56 -0.01	47.82 3.66 0.00	47.01 3.52 0.00	43.33 3.25 0.00	41.11 3.08 0.00	37.26 2.73 0.00	39.09 3.00 0.00	44.19 3.69 0.00	50.88 4.55 0.05	59.14 5.24 0.07	69.24 6.38 -1.48	71.59 6.75 0.07	74.24 7.42 0.01	80.46 7.48 -5.60	82.34 7.40 -7.69	83.42 7.52 -7.55	84.72 7.51 -9.57	84.79 7.64 -8.89	80.94 7.61 -6.01	77.08 7.75 -1.94	79.70 7.61 -4.70	75.90 7.56 -0.19	73.47 5.36 -14.54	69.40 4.68 -13.28
RAVENSWOOD_GT3_4 24251	55.23 4.56 -0.01	47.82 3.66 0.00	47.01 3.52 0.00	43.33 3.25 0.00	41.11 3.08 0.00	37.26 2.73 0.00	39.09 3.00 0.00	44.19 3.69 0.00	50.88 4.55 0.05	59.14 5.24 0.07	69.24 6.38 -1.48	71.59 6.75 0.07	74.24 7.42 0.01	80.46 7.48 -5.60	82.34 7.40 -7.69	83.42 7.52 -7.55	84.72 7.51 -9.57	84.79 7.64 -8.89	80.94 7.61 -6.01	77.08 7.75 -1.94	79.70 7.61 -4.70	75.90 7.56 -0.19	73.47 5.36 -14.54	69.40 4.68 -13.28
RAVENSWOOD_GT_1 23729	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.46 3.37 -0.01	41.23 3.19 -0.01	37.38 2.83 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.38 7.55 0.01	80.53 7.55 -5.60	82.47 7.53 -7.69	83.63 7.72 -7.55	84.92 7.71 -9.57	84.93 7.78 -8.89	81.14 7.81 -6.01	77.21 7.88 -1.94	81.61 7.75 -6.47	78.68 7.77 -2.76	73.58 5.46 -14.54	69.50 4.78 -13.28
RAVENSWOOD_GT_10 24258	55.13 4.46 -0.01	47.73 3.58 0.00	46.92 3.44 0.00	43.29 3.21 0.00	41.03 3.00 0.00	37.19 2.66 0.00	39.02 2.92 0.00	44.15 3.65 0.00	50.79 4.45 0.05	59.04 5.13 0.07	69.12 6.26 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.20 7.26 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.58 7.44 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.77 7.48 -4.91	76.06 7.43 -0.49	73.36 5.25 -14.54	69.24 4.53 -13.28



RAVENSWOOD_GT_11 24259	55.13 4.46 -0.01	47.73 3.58 0.00	46.92 3.44 0.00	43.29 3.21 0.00	41.03 3.00 0.00	37.19 2.66 0.00	39.02 2.92 0.00	44.15 3.65 0.00	50.79 4.45 0.05	59.04 5.13 0.07	69.12 6.26 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.20 7.26 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.58 7.44 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.77 7.48 -4.91	76.06 7.43 -0.49	73.36 5.25 -14.54	69.24 4.53 -13.28
RAVENSWOOD_GT_4 24252	55.08 4.41 -0.01	47.68 3.53 0.00	46.92 3.44 0.00	43.25 3.17 0.00	41.03 3.00 0.00	37.19 2.66 0.00	39.02 2.92 0.00	44.11 3.60 0.00	50.79 4.45 0.05	58.98 5.07 0.07	69.06 6.20 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.20 7.26 -7.69	83.22 7.31 -7.55	84.51 7.30 -9.57	84.58 7.44 -8.89	80.73 7.40 -6.01	76.87 7.55 -1.94	80.85 7.41 -6.05	77.66 7.36 -2.15	73.31 5.20 -14.54	69.24 4.53 -13.28
RAVENSWOOD_GT_5 24254	55.08 4.41 -0.01	47.68 3.53 0.00	46.92 3.44 0.00	43.25 3.17 0.00	41.03 3.00 0.00	37.19 2.66 0.00	39.02 2.92 0.00	44.11 3.60 0.00	50.79 4.45 0.05	58.98 5.07 0.07	69.06 6.20 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.20 7.26 -7.69	83.22 7.31 -7.55	84.51 7.30 -9.57	84.58 7.44 -8.89	80.73 7.40 -6.01	76.87 7.55 -1.94	80.85 7.41 -6.05	77.66 7.36 -2.15	73.31 5.20 -14.54	69.24 4.53 -13.28
RAVENSWOOD_GT_6 24253	55.08 4.41 -0.01	47.68 3.53 0.00	46.92 3.44 0.00	43.25 3.17 0.00	41.03 3.00 0.00	37.19 2.66 0.00	39.02 2.92 0.00	44.11 3.60 0.00	50.79 4.45 0.05	58.98 5.07 0.07	69.06 6.20 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.20 7.26 -7.69	83.22 7.31 -7.55	84.51 7.30 -9.57	84.58 7.44 -8.89	80.73 7.40 -6.01	76.87 7.55 -1.94	80.85 7.41 -6.05	77.66 7.36 -2.15	73.31 5.20 -14.54	69.24 4.53 -13.28
RAVENSWOOD_GT_7 24255	55.08 4.41 -0.01	47.68 3.53 0.00	46.92 3.44 0.00	43.25 3.17 0.00	41.03 3.00 0.00	37.19 2.66 0.00	39.02 2.92 0.00	44.11 3.60 0.00	50.79 4.45 0.05	58.98 5.07 0.07	69.06 6.20 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.20 7.26 -7.69	83.22 7.31 -7.55	84.51 7.30 -9.57	84.58 7.44 -8.89	80.73 7.40 -6.01	76.87 7.55 -1.94	80.85 7.41 -6.05	77.66 7.36 -2.15	73.31 5.20 -14.54	69.24 4.53 -13.28
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	55.13 4.46 -0.01	47.73 3.58 0.00	46.92 3.44 0.00	43.29 3.21 0.00	41.03 3.00 0.00	37.19 2.66 0.00	39.02 2.92 0.00	44.15 3.65 0.00	50.79 4.45 0.05	59.04 5.13 0.07	69.12 6.26 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.20 7.26 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.58 7.44 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.77 7.48 -4.91	76.06 7.43 -0.49	73.36 5.25 -14.54	69.24 4.53 -13.28
RAVENSWOOD_GT_9 24257	55.13 4.46 -0.01	47.73 3.58 0.00	46.92 3.44 0.00	43.29 3.21 0.00	41.03 3.00 0.00	37.19 2.66 0.00	39.02 2.92 0.00	44.15 3.65 0.00	50.79 4.45 0.05	59.04 5.13 0.07	69.12 6.26 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.20 7.26 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.58 7.44 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.77 7.48 -4.91	76.06 7.43 -0.49	73.36 5.25 -14.54	69.24 4.53 -13.28
RAVENSWOOD___1 23533	55.28 4.61 -0.01	48.05 3.89 -0.01	47.11 3.61 -0.01	43.42 3.33 -0.01	41.19 3.16 -0.01	37.34 2.80 -0.01	39.20 3.10 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.38 7.55 0.01	80.53 7.55 -5.60	82.47 7.53 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.93 7.78 -8.89	81.07 7.74 -6.01	77.21 7.88 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.58 5.46 -14.54	69.50 4.78 -13.28
RAVENSWOOD___2 23534	55.28 4.61 -0.01	48.01 3.84 -0.01	47.06 3.57 -0.01	43.42 3.33 -0.01	41.19 3.16 -0.01	37.34 2.80 -0.01	39.16 3.07 0.00	44.31 3.81 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.38 7.55 0.01	80.53 7.55 -5.60	82.47 7.53 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.93 7.78 -8.89	81.07 7.74 -6.01	77.21 7.88 -1.94	79.83 7.75 -4.70	76.04 7.70 -0.19	73.58 5.46 -14.54	69.50 4.78 -13.28
RAVENSWOOD___3 23535	55.13 4.46 -0.01	47.78 3.62 0.00	46.93 3.44 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.19 2.66 0.00	39.05 2.96 0.00	44.15 3.65 0.00	50.79 4.45 0.05	59.04 5.13 0.07	69.12 6.26 -1.48	71.46 6.62 0.07	74.11 7.29 0.01	80.33 7.34 -5.60	82.27 7.33 -7.69	83.29 7.38 -7.55	84.58 7.37 -9.57	84.65 7.51 -8.89	80.80 7.47 -6.01	76.94 7.61 -1.94	79.56 7.48 -4.70	75.77 7.43 -0.19	73.36 5.25 -14.54	69.29 4.58 -13.28
RAVENSWOOD___4 23820	55.28 4.61 -0.01	48.00 3.84 -0.01	47.06 3.57 -0.01	43.42 3.33 -0.01	41.19 3.16 -0.01	37.34 2.80 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.53 7.55 -5.60	82.47 7.53 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.93 7.78 -8.89	81.07 7.74 -6.01	77.21 7.88 -1.94	78.09 7.75 -2.96	73.51 7.70 2.34	73.58 5.46 -14.54	69.50 4.78 -13.28
RCPL_TRUST___DRP 24196	55.13 4.46 -0.01	47.78 3.62 0.00	46.93 3.44 0.00	43.29 3.21 0.00	41.07 3.04 0.00	37.19 2.69 0.00	39.05 2.96 0.00	44.15 3.65 0.00	50.84 4.50 0.05	59.09 5.18 0.07	69.08 6.32 -1.38	71.59 6.75 0.07	74.24 7.42 0.01	80.46 7.48 -5.60	82.34 7.40 -7.69	83.35 7.45 -7.55	84.72 7.51 -9.57	84.72 7.58 -8.89	80.87 7.54 -6.01	76.94 7.61 -1.94	79.56 7.48 -4.70	75.75 7.43 -0.17	72.43 5.25 -13.61	68.45 4.58 -12.43
RENSSELAER___COGEN 23796	52.89 2.23 0.00	45.97 1.81 0.00	45.49 2.00 0.00	42.05 1.96 0.00	39.55 1.52 0.00	35.88 1.35 0.00	37.39 1.30 0.00	42.08 1.58 0.00	47.78 1.44 0.04	55.27 1.35 0.05	63.00 1.66 0.04	66.61 1.75 0.05	68.97 2.14 0.01	69.46 1.82 -0.26	69.15 1.55 -0.35	70.21 1.50 -0.35	69.63 1.56 -0.44	70.30 1.64 -0.41	69.28 1.68 -0.28	69.35 1.89 -0.08	69.32 1.75 -0.18	69.81 1.70 0.05	55.02 1.45 0.00	52.87 1.44 0.00
REVERE_CPPR_DRP 24186	51.27 0.61 0.00	44.51 0.35 0.00	43.66 0.17 0.00	40.21 0.12 0.00	38.14 0.11 0.00	34.64 0.10 0.00	36.27 0.18 0.00	40.75 0.24 0.00	47.04 0.65 0.00	54.95 0.97 0.00	62.67 1.29 0.00	66.34 1.43 0.00	68.58 1.74 0.00	69.00 1.62 0.00	68.66 1.41 0.00	69.86 1.50 0.00	69.06 1.42 0.00	69.62 1.37 0.00	68.59 1.28 0.00	68.46 1.08 0.00	68.46 1.08 0.00	69.65 1.50 0.00	54.49 0.91 0.00	52.15 0.72 0.00
ROCHESTER_9_IC 23652	47.83 -2.84 0.00	41.64 -2.52 0.00	40.62 -2.87 0.00	37.32 -2.77 0.00	35.52 -2.51 0.00	32.50 -2.04 0.00	33.96 -2.13 0.00	36.62 -3.89 0.00	39.47 -3.34 3.58	45.31 -3.78 4.89	53.48 -4.30 3.60	55.59 -4.48 4.84	61.33 -4.48 1.03	63.00 -4.38 0.01	62.87 -4.37 0.01	63.97 -4.37 0.01	63.30 -4.33 0.01	63.88 -4.37 0.01	62.93 -4.38 0.01	61.49 -4.65 1.25	59.21 -4.58 3.59	59.29 -4.50 4.36	50.20 -3.38 0.00	48.30 -3.14 0.00
ROSETON___1 23587	54.06 3.39 0.00	46.85 2.69 0.00	46.14 2.65 0.00	42.57 2.49 0.00	40.39 2.36 0.00	36.61 2.07 0.00	38.37 2.27 0.00	43.30 2.79 0.00	49.77 3.43 0.05	57.85 3.94 0.07	66.12 4.79 0.05	69.97 5.13 0.07	72.51 5.68 0.01	77.72 5.73 -4.60	79.22 5.65 -6.32	80.30 5.74 -6.21	81.26 5.75 -7.87	81.37 5.80 -7.31	78.05 5.79 -4.94	74.89 5.93 -1.58	77.03 5.80 -3.86	73.81 5.72 0.06	57.59 4.02 0.00	54.88 3.45 0.00



ROSETON___2 23588	54.06 3.39 0.00	46.85 2.69 0.00	46.14 2.65 0.00	42.57 2.49 0.00	40.39 2.36 0.00	36.61 2.07 0.00	38.37 2.27 0.00	43.30 2.79 0.00	49.77 3.43 0.05	57.85 3.94 0.07	66.12 4.79 0.05	69.97 5.13 0.07	72.51 5.68 0.01	77.72 5.73 -4.60	79.22 5.65 -6.32	80.30 5.74 -6.21	81.26 5.75 -7.87	81.37 5.80 -7.31	78.05 5.79 -4.94	74.89 5.93 -1.58	77.03 5.80 -3.86	73.81 5.72 0.06	57.59 4.02 0.00	54.88 3.45 0.00
RUSSELL___1 23602	47.17 -3.50 0.00	40.80 -3.36 0.00	40.10 -3.39 0.00	36.80 -3.29 0.00	34.99 -3.04 0.00	32.46 -2.07 0.00	33.93 -2.17 0.00	36.37 -4.13 0.00	39.03 -3.76 3.60	44.04 -5.02 4.92	51.93 -5.83 3.62	53.94 -6.10 4.87	59.72 -6.08 1.03	61.65 -5.73 0.01	61.59 -5.65 0.01	62.74 -5.61 0.01	62.01 -5.61 0.01	62.58 -5.67 0.01	61.59 -5.72 0.01	60.00 -6.13 1.26	58.18 -5.59 3.61	58.25 -5.52 4.38	49.24 -4.34 0.00	47.37 -4.06 0.00
RUSSELL___2 23532	47.17 -3.50 0.00	40.80 -3.36 0.00	40.10 -3.39 0.00	36.80 -3.29 0.00	34.99 -3.04 0.00	32.46 -2.07 0.00	33.93 -2.17 0.00	36.37 -4.13 0.00	39.03 -3.76 3.60	44.04 -5.02 4.92	51.93 -5.83 3.62	53.94 -6.10 4.87	59.72 -6.08 1.03	61.65 -5.73 0.01	61.59 -5.65 0.01	62.74 -5.61 0.01	62.01 -5.61 0.01	62.58 -5.67 0.01	61.59 -5.72 0.01	60.00 -6.13 1.26	58.18 -5.59 3.61	58.25 -5.52 4.38	49.24 -4.34 0.00	47.37 -4.06 0.00
RUSSELL___3 23549	47.47 -3.19 0.00	41.33 -2.83 0.00	40.40 -3.09 0.00	37.12 -2.97 0.00	35.29 -2.74 0.00	32.43 -2.11 0.00	33.89 -2.20 0.00	36.49 -4.01 0.00	39.28 -3.53 3.58	44.72 -4.37 4.89	52.81 -4.97 3.60	54.87 -5.19 4.84	60.60 -5.21 1.03	62.32 -5.05 0.01	62.20 -5.04 0.01	63.36 -4.99 0.01	62.62 -5.01 0.01	63.19 -5.05 0.01	62.26 -5.05 0.01	60.81 -5.32 1.25	58.67 -5.12 3.59	58.75 -5.04 4.36	49.72 -3.86 0.00	47.89 -3.55 0.00
RUSSELL___4 23556	47.17 -3.50 0.00	40.80 -3.36 0.00	40.05 -3.44 0.00	36.80 -3.29 0.00	34.99 -3.04 0.00	32.46 -2.07 0.00	33.93 -2.17 0.00	36.37 -4.13 0.00	39.03 -3.76 3.60	44.04 -5.02 4.92	51.93 -5.83 3.62	53.94 -6.10 4.87	59.72 -6.08 1.03	61.65 -5.73 0.01	61.59 -5.65 0.01	62.74 -5.61 0.01	62.01 -5.61 0.01	62.58 -5.67 0.01	61.59 -5.72 0.01	60.00 -6.13 1.26	58.18 -5.59 3.61	58.25 -5.52 4.38	49.24 -4.34 0.00	47.37 -4.06 0.00
RUSSELL___STATION 23914	47.47 -3.19 0.00	41.33 -2.83 0.00	40.40 -3.09 0.00	37.12 -2.97 0.00	35.29 -2.74 0.00	32.43 -2.11 0.00	33.89 -2.20 0.00	36.49 -4.01 0.00	39.28 -3.53 3.58	44.72 -4.37 4.89	52.81 -4.97 3.60	54.87 -5.19 4.84	60.60 -5.21 1.03	62.32 -5.05 0.01	62.20 -5.04 0.01	63.36 -4.99 0.01	62.62 -5.01 0.01	63.19 -5.05 0.01	62.26 -5.05 0.01	60.81 -5.32 1.25	58.67 -5.12 3.59	58.75 -5.04 4.36	49.72 -3.86 0.00	47.89 -3.55 0.00
S SALMON___HYD 24043	50.21 -0.46 0.00	43.63 -0.53 0.00	42.75 -0.74 0.00	39.37 -0.72 0.00	37.34 -0.68 0.00	33.95 -0.59 0.00	35.52 -0.58 0.00	39.73 -0.77 0.00	45.92 -0.46 0.00	53.49 -0.49 0.00	61.07 -0.31 0.00	64.71 -0.19 0.00	66.91 0.07 0.00	67.32 -0.07 0.00	67.05 -0.20 0.00	68.22 -0.14 0.00	67.43 -0.20 0.00	67.91 -0.34 0.00	66.84 -0.47 0.00	66.78 -0.61 0.00	66.71 -0.67 0.00	67.95 -0.20 0.00	53.31 -0.27 0.00	51.02 -0.41 0.00
SELKIRK___II 23799	52.39 1.72 0.00	45.57 1.41 0.00	45.06 1.57 0.00	41.61 1.52 0.00	39.32 1.29 0.00	35.67 1.14 0.00	37.21 1.12 0.00	41.80 1.30 0.00	47.55 1.21 0.04	55.11 1.19 0.05	62.75 1.41 0.04	66.35 1.49 0.05	68.63 1.80 0.01	68.93 1.55 0.00	68.66 1.41 0.00	69.79 1.44 0.00	69.12 1.49 0.00	69.76 1.50 0.00	68.86 1.55 0.00	69.12 1.75 0.01	69.03 1.68 0.04	69.74 1.64 0.05	54.81 1.23 0.00	52.57 1.13 0.00
SELKIRK___I 23801	52.79 2.13 0.00	45.92 1.77 0.00	45.40 1.91 0.00	41.89 1.80 0.00	39.63 1.60 0.00	35.95 1.42 0.00	37.50 1.41 0.00	42.12 1.62 0.00	48.16 1.81 0.04	55.81 1.89 0.05	63.73 2.39 0.04	67.38 2.53 0.05	69.77 2.94 0.01	70.15 2.76 0.00	69.87 2.62 0.00	71.02 2.67 0.00	70.34 2.71 0.00	70.98 2.73 0.00	70.08 2.76 0.00	70.27 2.90 0.01	70.04 2.70 0.04	70.76 2.66 0.05	55.56 1.98 0.00	53.29 1.85 0.00
SENECA OSWGO___HYD 24041	49.80 -0.86 0.00	43.32 -0.84 0.00	42.53 -0.96 0.00	39.17 -0.92 0.00	37.15 -0.87 0.00	33.77 -0.76 0.00	35.30 -0.79 0.00	39.37 -1.13 0.00	45.46 -0.93 0.00	53.00 -0.97 0.00	60.58 -0.80 0.00	64.13 -0.78 0.00	66.24 -0.60 0.00	66.84 -0.54 0.00	66.64 -0.61 0.00	67.74 -0.62 0.00	67.03 -0.61 0.00	67.64 -0.61 0.00	66.58 -0.74 0.00	66.51 -0.88 0.00	66.31 -1.08 0.00	67.20 -0.95 0.00	52.72 -0.86 0.00	50.56 -0.87 0.00
SENECA___ENERGY 23797	48.23 -2.43 0.00	41.90 -2.25 0.00	41.05 -2.44 0.00	37.72 -2.37 0.00	35.86 -2.17 0.00	32.67 -1.86 0.00	34.32 -1.77 0.00	37.79 -2.71 0.00	44.08 -2.37 -0.05	51.41 -2.64 -0.07	58.55 -2.88 -0.06	62.00 -2.99 -0.07	64.05 -2.81 -0.02	64.55 -2.83 0.00	64.29 -2.96 0.00	65.42 -2.94 0.00	64.66 -2.98 0.00	65.25 -3.00 0.00	64.29 -3.03 0.00	64.17 -3.23 -0.02	64.20 -3.23 -0.05	65.08 -3.13 -0.07	51.00 -2.57 0.00	48.86 -2.57 0.00
SHOEMAKER___GT 23640	53.70 3.04 0.00	46.58 2.43 0.00	45.84 2.35 0.00	42.29 2.20 0.00	40.12 2.09 0.00	36.36 1.83 0.00	38.15 2.06 0.00	43.01 2.51 0.00	49.49 3.15 0.05	57.52 3.62 0.07	65.87 4.54 0.05	69.70 4.87 0.07	72.24 5.41 0.01	77.24 5.46 -4.39	78.73 5.45 -6.03	79.81 5.54 -5.92	80.69 5.55 -7.51	80.89 5.67 -6.97	77.69 5.65 -4.72	74.55 5.66 -1.51	76.58 5.53 -3.67	73.54 5.45 0.06	57.33 3.75 0.00	54.57 3.14 0.00
SHOREHAM_IC_1 23715	64.10 5.78 -7.66	74.46 7.82 -22.49	70.03 7.70 -18.84	66.61 7.74 -18.79	58.36 7.38 -12.95	56.21 6.70 -14.98	66.57 7.07 -23.40	47.19 6.68 0.00	53.15 6.82 0.05	70.88 8.04 -8.86	78.31 10.74 -6.19	84.01 12.72 -6.38	87.62 13.50 -7.29	94.83 14.22 -13.23	95.79 14.19 -14.35	98.92 13.94 -16.62	98.40 13.32 -17.44	92.87 13.04 -11.58	86.54 13.19 -6.03	83.01 13.68 -1.94	80.78 8.69 -4.70	78.05 9.47 -0.43	75.94 6.75 -15.61	72.88 5.81 -15.63
SHOREHAM_IC_2 23716	64.10 5.78 -7.66	74.46 7.82 -22.49	70.03 7.70 -18.84	66.61 7.74 -18.79	58.36 7.38 -12.95	56.21 6.70 -14.98	66.57 7.07 -23.40	47.19 6.68 0.00	53.15 6.82 0.05	70.88 8.04 -8.86	78.31 10.74 -6.19	84.01 12.72 -6.38	87.62 13.50 -7.29	94.83 14.22 -13.23	95.79 14.19 -14.35	98.92 13.94 -16.62	98.40 13.32 -17.44	92.87 13.04 -11.58	86.54 13.19 -6.03	83.01 13.68 -1.94	80.78 8.69 -4.70	78.05 9.47 -0.43	75.94 6.75 -15.61	72.88 5.81 -15.63
SISSONVILLE___ 23735	54.36 3.70 0.00	47.07 2.91 0.00	45.71 2.22 0.00	42.09 2.00 0.00	39.89 1.86 0.00	36.23 1.69 0.00	37.86 1.77 0.00	43.42 2.92 0.00	50.00 3.62 0.00	58.83 4.86 0.00	66.84 5.46 0.00	70.68 5.78 0.00	73.25 6.42 0.00	71.49 4.11 0.00	71.08 3.83 0.00	72.39 4.03 0.00	71.36 3.72 0.00	72.01 3.75 0.00	70.55 3.23 0.00	71.29 3.91 0.00	71.83 4.45 0.00	74.90 6.75 0.00	58.56 4.98 0.00	55.75 4.32 0.00
SITHE_IND_GS1 24169	48.94 -1.72 0.00	42.61 -1.55 0.00	41.88 -1.61 0.00	38.60 -1.48 0.00	36.62 -1.41 0.00	33.29 -1.24 0.00	34.83 -1.26 0.00	38.76 -1.74 0.00	44.67 -1.72 0.00	52.03 -1.94 0.00	59.17 -2.21 0.00	62.57 -2.34 0.00	64.57 -2.27 0.00	65.09 -2.29 0.00	64.89 -2.35 0.00	65.96 -2.39 0.00	65.27 -2.37 0.00	65.87 -2.39 0.00	64.96 -2.36 0.00	64.96 -2.43 0.00	65.03 -2.36 0.00	65.76 -2.39 0.00	51.70 -1.88 0.00	49.58 -1.85 0.00



SITHE_IND_GS2 24170	48.94 -1.72 0.00	42.61 -1.55 0.00	41.88 -1.61 0.00	38.60 -1.48 0.00	36.62 -1.41 0.00	33.29 -1.24 0.00	34.83 -1.26 0.00	38.76 -1.74 0.00	44.67 -1.72 0.00	52.03 -1.94 0.00	59.17 -2.21 0.00	62.57 -2.34 0.00	64.57 -2.27 0.00	65.09 -2.29 0.00	64.89 -2.35 0.00	65.96 -2.39 0.00	65.27 -2.37 0.00	65.87 -2.39 0.00	64.96 -2.36 0.00	64.96 -2.43 0.00	65.03 -2.36 0.00	65.76 -2.39 0.00	51.70 -1.88 0.00	49.58 -1.85 0.00
SITHE_IND_GS3 24171	48.94 -1.72 0.00	42.61 -1.55 0.00	41.88 -1.61 0.00	38.60 -1.48 0.00	36.62 -1.41 0.00	33.29 -1.24 0.00	34.83 -1.26 0.00	38.76 -1.74 0.00	44.67 -1.72 0.00	52.03 -1.94 0.00	59.17 -2.21 0.00	62.57 -2.34 0.00	64.57 -2.27 0.00	65.09 -2.29 0.00	64.89 -2.35 0.00	65.96 -2.39 0.00	65.27 -2.37 0.00	65.87 -2.39 0.00	64.96 -2.36 0.00	64.96 -2.43 0.00	65.03 -2.36 0.00	65.76 -2.39 0.00	51.70 -1.88 0.00	49.58 -1.85 0.00
SITHE_IND_GS4 24172	48.94 -1.72 0.00	42.61 -1.55 0.00	41.88 -1.61 0.00	38.60 -1.48 0.00	36.62 -1.41 0.00	33.29 -1.24 0.00	34.83 -1.26 0.00	38.76 -1.74 0.00	44.67 -1.72 0.00	52.03 -1.94 0.00	59.17 -2.21 0.00	62.57 -2.34 0.00	64.57 -2.27 0.00	65.09 -2.29 0.00	64.89 -2.35 0.00	65.96 -2.39 0.00	65.27 -2.37 0.00	65.87 -2.39 0.00	64.96 -2.36 0.00	64.96 -2.43 0.00	65.03 -2.36 0.00	65.76 -2.39 0.00	51.70 -1.88 0.00	49.58 -1.85 0.00
SITHE___BATAVIA 24024	46.36 -4.31 0.00	40.36 -3.80 0.00	39.14 -4.35 0.00	35.96 -4.13 0.00	34.34 -3.69 0.00	31.46 -3.07 0.00	32.92 -3.18 0.00	34.67 -5.83 0.00	37.92 -5.10 3.37	43.60 -5.78 4.60	51.18 -6.81 3.39	53.14 -7.20 4.56	58.39 -7.49 0.97	59.90 -7.48 0.01	59.64 -7.60 0.01	60.62 -7.72 0.01	59.98 -7.64 0.01	60.53 -7.71 0.01	59.70 -7.61 0.01	58.53 -7.68 1.18	56.59 -7.41 3.38	56.55 -7.50 4.10	48.22 -5.36 0.00	46.34 -5.09 0.00
SITHE___INDEPEND 23800	48.94 -1.72 0.00	42.61 -1.55 0.00	41.88 -1.61 0.00	38.60 -1.48 0.00	36.62 -1.41 0.00	33.29 -1.24 0.00	34.83 -1.26 0.00	38.76 -1.74 0.00	44.67 -1.72 0.00	52.03 -1.94 0.00	59.17 -2.21 0.00	62.57 -2.34 0.00	64.57 -2.27 0.00	65.09 -2.29 0.00	64.89 -2.35 0.00	65.96 -2.39 0.00	65.27 -2.37 0.00	65.87 -2.39 0.00	64.96 -2.36 0.00	64.96 -2.43 0.00	65.03 -2.36 0.00	65.76 -2.39 0.00	51.70 -1.88 0.00	49.58 -1.85 0.00
SITHE___MASSENA 23902	55.22 4.56 0.00	47.73 3.58 0.00	46.32 2.83 0.00	42.65 2.57 0.00	40.42 2.40 0.00	36.68 2.14 0.00	38.33 2.24 0.00	43.99 3.48 0.00	50.79 4.41 0.00	59.81 5.83 0.00	67.82 6.44 0.00	71.79 6.88 0.00	74.46 7.62 0.00	72.77 5.39 0.00	72.29 5.04 0.00	73.69 5.33 0.00	72.57 4.94 0.00	73.24 4.98 0.00	71.69 4.38 0.00	72.37 4.99 0.00	73.04 5.66 0.00	76.19 8.04 0.00	59.52 5.95 0.00	56.68 5.25 0.00
SITHE___OGDNSBRG 24021	55.63 4.97 0.00	48.09 3.93 0.00	46.62 3.13 0.00	42.93 2.85 0.00	40.65 2.62 0.00	36.92 2.38 0.00	38.58 2.49 0.00	44.31 3.81 0.00	51.26 4.87 0.00	60.40 6.42 0.00	68.44 7.06 0.00	72.37 7.46 0.00	75.13 8.29 0.00	73.45 6.06 0.00	72.96 5.72 0.00	74.37 6.02 0.00	73.18 5.55 0.00	73.92 5.67 0.00	72.30 4.98 0.00	72.91 5.53 0.00	73.72 6.33 0.00	77.01 8.86 0.00	60.06 6.48 0.00	57.19 5.76 0.00
SITHE___STERLING 23777	50.82 0.15 0.00	44.16 0.00 0.00	43.36 -0.13 0.00	39.93 -0.16 0.00	37.88 -0.15 0.00	34.40 -0.14 0.00	36.06 -0.04 0.00	40.34 -0.16 0.00	46.57 0.19 0.00	54.35 0.38 0.00	61.99 0.61 0.00	65.56 0.65 0.00	67.77 0.94 0.00	68.26 0.88 0.00	67.99 0.74 0.00	69.11 0.75 0.00	68.31 0.68 0.00	68.94 0.68 0.00	67.92 0.61 0.00	67.86 0.47 0.00	67.86 0.47 0.00	68.83 0.68 0.00	53.90 0.32 0.00	51.59 0.15 0.00
SOUTH CAIRO___GT 23612	54.41 3.75 0.00	47.20 3.05 0.00	46.49 3.00 0.00	42.89 2.81 0.00	40.61 2.59 0.00	36.81 2.28 0.00	38.51 2.42 0.00	43.38 2.88 0.00	49.77 3.43 0.05	57.80 3.89 0.06	66.49 5.16 0.05	70.43 5.58 0.06	73.18 6.35 0.01	75.67 6.47 -1.81	76.19 6.46 -2.49	77.43 6.63 -2.44	77.43 6.70 -3.10	77.89 6.76 -2.88	75.99 6.73 -1.95	74.74 6.74 -0.61	74.94 6.06 -1.49	74.16 6.07 0.06	57.97 4.39 0.00	55.19 3.75 0.00
SOUTH HAMPTN___IC 23720	64.71 6.38 -7.66	74.90 8.26 -22.49	70.47 8.13 -18.84	66.97 8.10 -18.79	58.70 7.72 -12.95	56.56 7.04 -14.98	66.93 7.44 -23.40	47.59 7.09 0.00	53.71 7.38 0.05	71.58 8.74 -8.86	79.11 11.54 -6.19	84.99 13.70 -6.38	88.63 14.50 -7.29	95.91 15.30 -13.23	96.86 15.27 -14.35	100.02 15.04 -16.62	99.55 14.47 -17.44	93.96 14.13 -11.58	87.62 14.27 -6.03	83.95 14.62 -1.94	81.79 9.70 -4.70	79.08 10.50 -0.43	76.69 7.50 -15.61	73.54 6.48 -15.63
SOUTHOLD___IC 23719	65.87 7.55 -7.66	75.87 9.23 -22.49	71.34 9.00 -18.84	67.77 8.90 -18.79	59.46 8.48 -12.95	57.25 7.74 -14.98	67.65 8.16 -23.40	48.44 7.94 0.00	54.78 8.44 0.05	72.93 10.09 -8.86	81.32 13.75 -6.19	87.52 16.23 -6.38	91.43 17.31 -7.29	98.81 18.19 -13.23	99.82 18.22 -14.35	103.09 18.11 -16.62	102.45 17.38 -17.44	96.83 17.00 -11.58	90.45 17.10 -6.03	86.51 17.18 -1.94	83.81 11.72 -4.70	81.05 12.47 -0.43	78.14 8.95 -15.61	74.83 7.77 -15.63
ST LAWRENCE____ 23600	49.85 -0.81 0.00	43.63 -0.53 0.00	42.88 -0.61 0.00	39.53 -0.56 0.00	37.53 -0.49 0.00	34.09 -0.45 0.00	35.59 -0.51 0.00	40.30 -0.20 0.00	45.69 -0.70 0.00	53.27 -0.70 0.00	60.34 -1.04 0.00	63.80 -1.10 0.00	65.37 -1.47 0.00	66.10 -1.28 0.00	66.10 -1.14 0.00	67.26 -1.09 0.00	66.49 -1.15 0.00	67.09 -1.16 0.00	66.04 -1.28 0.00	65.97 -1.42 0.00	66.04 -1.35 0.00	66.85 -1.29 0.00	52.77 -0.80 0.00	50.82 -0.62 0.00
STATION 5_MISC_HYD 23604	48.23 -2.43 0.00	41.77 -2.38 0.00	40.79 -2.70 0.00	37.44 -2.65 0.00	35.59 -2.43 0.00	32.81 -1.73 0.00	34.29 -1.80 0.00	36.94 -3.56 0.00	39.91 -2.88 3.60	45.65 -3.40 4.93	54.44 -3.31 3.63	56.72 -3.31 4.88	62.66 -3.14 1.03	64.75 -2.63 0.01	64.75 -2.49 0.01	66.09 -2.26 0.01	65.33 -2.30 0.01	65.92 -2.32 0.01	64.82 -2.49 0.01	62.96 -3.17 1.26	60.47 -3.30 3.61	60.62 -3.13 4.39	50.95 -2.63 0.00	49.02 -2.42 0.00
STEEL___WIND 323596	45.29 -5.37 0.00	39.39 -4.77 0.00	38.18 -5.31 0.00	35.08 -5.01 0.00	33.58 -4.45 0.00	30.74 -3.80 0.00	32.19 -3.90 0.00	33.78 -6.72 0.00	37.22 -6.12 3.04	42.80 -7.02 4.15	50.16 -8.16 3.06	52.16 -8.63 4.12	57.08 -8.89 0.87	58.35 -9.03 0.01	58.09 -9.15 0.01	59.05 -9.30 0.01	58.36 -9.27 0.01	58.96 -9.28 0.01	58.15 -9.15 0.01	57.02 -9.30 1.06	55.17 -9.16 3.05	55.18 -9.27 3.70	46.93 -6.64 0.00	45.06 -6.38 0.00
STURGEON_POOL_HYD 23609	54.52 3.85 0.00	47.25 3.09 0.00	46.49 3.00 0.00	42.85 2.77 0.00	40.65 2.62 0.00	36.85 2.31 0.00	38.66 2.56 0.00	43.66 3.16 0.00	50.33 3.99 0.05	58.55 4.64 0.07	67.41 6.08 0.05	71.40 6.56 0.07	74.18 7.35 0.01	77.61 7.55 -2.68	78.46 7.53 -3.68	79.69 7.72 -3.61	79.99 7.78 -4.58	80.35 7.85 -4.25	77.93 7.74 -2.88	76.05 7.75 -0.91	76.82 7.21 -2.22	75.18 7.09 0.06	58.45 4.88 0.00	55.55 4.11 0.00
SYRACUSE___ENERGY_ST1 323597	49.70 -0.96 0.00	43.27 -0.88 0.00	42.49 -1.00 0.00	39.13 -0.96 0.00	37.15 -0.87 0.00	33.74 -0.79 0.00	35.33 -0.76 0.00	39.33 -1.17 0.00	45.50 -0.93 -0.04	53.00 -1.03 -0.05	60.38 -1.04 -0.04	63.92 -1.04 -0.05	66.05 -0.80 -0.01	66.64 -0.74 0.00	66.44 -0.81 0.00	67.54 -0.82 0.00	66.82 -0.81 0.00	67.37 -0.89 0.00	66.37 -0.94 0.00	66.25 -1.15 -0.01	66.35 -1.08 -0.04	67.18 -1.02 -0.05	52.61 -0.96 0.00	50.46 -0.98 0.00



SYRACUSE___ENERGY_ST2 323598	49.70 -0.96 0.00	43.27 -0.88 0.00	42.49 -1.00 0.00	39.13 -0.96 0.00	37.15 -0.87 0.00	33.74 -0.79 0.00	35.33 -0.76 0.00	39.33 -1.17 0.00	45.50 -0.93 -0.04	53.00 -1.03 -0.05	60.38 -1.04 -0.04	63.92 -1.04 -0.05	66.05 -0.80 -0.01	66.64 -0.74 0.00	66.44 -0.81 0.00	67.54 -0.82 0.00	66.82 -0.81 0.00	67.37 -0.89 0.00	66.37 -0.94 0.00	66.25 -1.15 -0.01	66.35 -1.08 -0.04	67.18 -1.02 -0.05	52.61 -0.96 0.00	50.46 -0.98 0.00
SYRACUSE___POWER 24017	49.65 -1.01 0.00	43.18 -0.97 0.00	42.45 -1.04 0.00	39.04 -1.04 0.00	37.08 -0.95 0.00	33.71 -0.83 0.00	35.30 -0.79 0.00	39.33 -1.17 0.00	45.41 -0.97 0.00	52.95 -1.03 0.00	60.34 -1.04 0.00	63.87 -1.04 0.00	66.04 -0.80 0.00	66.58 -0.81 0.00	66.31 -0.94 0.00	67.47 -0.89 0.00	66.69 -0.95 0.00	67.30 -0.96 0.00	66.31 -1.01 0.00	66.24 -1.15 0.00	66.24 -1.15 0.00	67.06 -1.09 0.00	52.56 -1.02 0.00	50.41 -1.03 0.00
Stony___Brook 24151	64.30 5.98 -7.66	74.02 7.37 -22.49	69.64 7.31 -18.84	66.29 7.42 -18.79	58.05 7.07 -12.95	55.93 6.42 -14.98	66.28 6.79 -23.40	47.07 6.56 0.00	53.25 6.91 0.05	70.83 7.99 -8.86	78.13 10.56 -6.19	83.75 12.46 -6.38	86.82 12.70 -7.29	94.02 13.41 -13.23	94.98 13.38 -14.35	98.03 13.06 -16.62	97.58 12.51 -17.44	92.05 12.22 -11.58	85.73 12.39 -6.03	82.67 13.34 -1.94	80.71 8.63 -4.70	77.99 9.40 -0.43	75.89 6.70 -15.61	72.93 5.86 -15.63
UNION___PROCESSING_DRP 323587	47.37 -3.29 0.00	41.20 -2.96 0.00	40.23 -3.26 0.00	36.96 -3.13 0.00	35.18 -2.85 0.00	32.19 -2.35 0.00	33.64 -2.45 0.00	36.25 -4.25 0.00	39.01 -3.80 3.57	44.72 -4.37 4.88	52.75 -5.03 3.60	54.75 -5.32 4.84	60.47 -5.35 1.03	62.05 -5.38 0.01	61.86 -5.38 0.01	62.95 -5.40 0.01	62.28 -5.34 0.01	62.85 -5.39 0.01	61.92 -5.39 0.01	60.61 -5.53 1.25	58.41 -5.39 3.58	58.41 -5.38 4.35	49.61 -3.96 0.00	47.73 -3.70 0.00
UPPER HUDSON___HYD 24058	52.84 2.18 0.00	45.88 1.72 0.00	45.36 1.87 0.00	41.93 1.84 0.00	39.78 1.75 0.00	36.09 1.55 0.00	37.54 1.44 0.00	42.33 1.82 0.00	48.06 1.67 0.00	55.06 1.08 0.00	62.55 1.17 0.00	65.62 0.71 0.00	67.97 1.14 0.00	68.37 0.54 -0.44	67.99 0.13 -0.61	69.09 0.14 -0.60	68.73 0.34 -0.76	70.12 1.16 -0.71	69.68 1.88 -0.48	69.76 2.22 -0.15	69.71 1.95 -0.38	70.19 2.04 0.00	55.66 2.09 0.00	53.65 2.21 0.00
UPPER RAQUET___HYD 24056	54.36 3.70 0.00	47.07 2.91 0.00	45.71 2.22 0.00	42.09 2.00 0.00	39.89 1.86 0.00	36.23 1.69 0.00	37.86 1.77 0.00	43.42 2.92 0.00	50.00 3.62 0.00	58.83 4.86 0.00	66.84 5.46 0.00	70.68 5.78 0.00	73.25 6.42 0.00	71.49 4.11 0.00	71.08 3.83 0.00	72.39 4.03 0.00	71.36 3.72 0.00	72.01 3.75 0.00	70.55 3.23 0.00	71.29 3.91 0.00	71.83 4.45 0.00	74.90 6.75 0.00	58.56 4.98 0.00	55.75 4.32 0.00
VISCHER___FERRY HYD 24020	53.30 2.63 0.00	46.32 2.16 0.00	45.88 2.39 0.00	42.37 2.28 0.00	40.08 2.05 0.00	36.33 1.80 0.00	37.86 1.77 0.00	42.61 2.11 0.00	48.43 2.09 0.04	55.92 2.00 0.05	63.67 2.33 0.04	67.26 2.40 0.05	69.57 2.74 0.01	70.05 2.36 -0.30	69.82 2.15 -0.42	70.88 2.12 -0.41	70.32 2.16 -0.52	71.06 2.32 -0.48	70.13 2.49 -0.33	70.17 2.70 -0.09	70.16 2.56 -0.22	70.56 2.45 0.05	55.72 2.14 0.00	53.65 2.21 0.00
WADING RIVER_IC_1 23522	63.90 5.57 -7.66	74.24 7.59 -22.49	69.81 7.48 -18.84	66.41 7.54 -18.79	58.17 7.19 -12.95	56.04 6.53 -14.98	66.39 6.89 -23.40	47.02 6.52 0.00	52.97 6.63 0.05	70.61 7.77 -8.86	78.00 10.43 -6.19	83.69 12.40 -6.38	87.16 13.03 -7.29	94.36 13.75 -13.23	95.32 13.72 -14.35	98.44 13.47 -16.62	97.99 12.92 -17.44	92.39 12.56 -11.58	86.07 12.72 -6.03	82.60 13.27 -1.94	80.44 8.36 -4.70	77.71 9.13 -0.43	75.67 6.48 -15.61	72.67 5.61 -15.63
WADING RIVER_IC_2 23547	63.90 5.57 -7.66	74.24 7.59 -22.49	69.81 7.48 -18.84	66.41 7.54 -18.79	58.17 7.19 -12.95	56.04 6.53 -14.98	66.39 6.89 -23.40	47.02 6.52 0.00	52.97 6.63 0.05	70.61 7.77 -8.86	78.00 10.43 -6.19	83.69 12.40 -6.38	87.16 13.03 -7.29	94.36 13.75 -13.23	95.32 13.72 -14.35	98.44 13.47 -16.62	97.99 12.92 -17.44	92.39 12.56 -11.58	86.07 12.72 -6.03	82.60 13.27 -1.94	80.44 8.36 -4.70	77.71 9.13 -0.43	75.67 6.48 -15.61	72.67 5.61 -15.63
WADING RIVER_IC_3 23601	63.90 5.57 -7.66	74.24 7.59 -22.49	69.81 7.48 -18.84	66.41 7.54 -18.79	58.17 7.19 -12.95	56.04 6.53 -14.98	66.39 6.89 -23.40	47.02 6.52 0.00	52.97 6.63 0.05	70.61 7.77 -8.86	78.00 10.43 -6.19	83.69 12.40 -6.38	87.16 13.03 -7.29	94.36 13.75 -13.23	95.32 13.72 -14.35	98.44 13.47 -16.62	97.99 12.92 -17.44	92.39 12.56 -11.58	86.07 12.72 -6.03	82.60 13.27 -1.94	80.44 8.36 -4.70	77.71 9.13 -0.43	75.67 6.48 -15.61	72.67 5.61 -15.63
WALDEN___HYDRO 24148	54.01 3.34 0.00	46.76 2.61 0.00	45.97 2.48 0.00	42.37 2.28 0.00	40.23 2.21 0.00	36.50 1.97 0.00	38.37 2.27 0.00	43.30 2.79 0.00	49.86 3.53 0.05	57.96 4.05 0.07	66.30 4.97 0.05	70.16 5.32 0.07	72.77 5.95 0.01	77.57 6.06 -4.12	78.96 6.05 -5.66	80.06 6.15 -5.55	80.90 6.22 -7.04	81.01 6.21 -6.54	77.93 6.19 -4.42	75.06 6.27 -1.41	77.10 6.27 -3.44	74.22 6.13 0.06	57.70 4.13 0.00	54.88 3.45 0.00
WARRENSBURG___ 23737	52.89 2.23 0.00	45.92 1.77 0.00	45.40 1.91 0.00	41.97 1.88 0.00	39.82 1.79 0.00	36.12 1.59 0.00	37.61 1.52 0.00	42.37 1.86 0.00	48.10 1.72 0.00	55.11 1.13 0.00	62.61 1.23 0.00	65.69 0.78 0.00	68.04 1.20 0.00	68.43 0.61 -0.44	68.06 0.20 -0.61	69.16 0.21 -0.60	68.87 0.47 -0.76	70.19 1.23 -0.71	69.74 1.95 -0.48	69.83 2.29 -0.15	69.78 2.02 -0.38	70.33 2.18 0.00	55.77 2.20 0.00	53.70 2.26 0.00
WATERSIDE___6 8 9 23538	55.28 4.61 -0.01	48.00 3.84 -0.01	47.06 3.57 -0.01	43.42 3.33 -0.01	41.19 3.16 -0.01	37.34 2.80 -0.01	39.16 3.07 0.00	44.27 3.77 0.00	50.97 4.64 0.05	59.20 5.29 0.07	69.30 6.44 -1.48	71.72 6.88 0.07	74.31 7.49 0.01	80.53 7.55 -5.60	82.47 7.53 -7.69	83.56 7.66 -7.55	84.85 7.64 -9.57	84.93 7.78 -8.89	81.07 7.74 -6.01	77.21 7.88 -1.94	78.09 7.75 -2.96	73.51 7.70 2.34	73.58 5.46 -14.54	69.50 4.78 -13.28
WEST BABYLON___IC 23714	64.35 6.03 -7.66	71.90 5.25 -22.49	67.42 5.09 -18.84	63.64 4.77 -18.79	55.51 4.53 -12.95	53.59 4.08 -14.98	63.94 4.44 -23.40	45.49 4.98 0.00	52.27 5.94 0.05	69.75 6.91 -8.86	76.10 8.53 -6.19	80.44 9.15 -6.38	84.02 9.89 -7.29	90.86 10.24 -13.23	91.75 10.15 -14.35	95.23 10.25 -16.62	95.15 10.08 -17.44	89.80 9.97 -11.58	82.97 9.63 -6.03	79.57 10.24 -1.94	80.98 8.89 -4.70	78.26 9.68 -0.43	76.15 6.96 -15.61	73.18 6.12 -15.63
WEST CANADA___HYD 24049	50.92 0.25 0.00	44.33 0.18 0.00	43.71 0.22 0.00	40.29 0.20 0.00	38.22 0.19 0.00	34.67 0.14 0.00	36.24 0.14 0.00	40.67 0.16 0.00	46.62 0.23 0.00	54.25 0.27 0.00	61.69 0.31 0.00	65.23 0.32 0.00	67.24 0.40 0.00	67.72 0.34 0.00	67.58 0.34 0.00	68.70 0.34 0.00	67.97 0.34 0.00	68.60 0.34 0.00	67.65 0.34 0.00	67.79 0.40 0.00	67.79 0.40 0.00	68.56 0.41 0.00	53.84 0.27 0.00	51.69 0.26 0.00
WESTERN_NY_WIND 24143	46.31 -4.36 0.00	40.27 -3.89 0.00	39.10 -4.39 0.00	35.92 -4.17 0.00	34.30 -3.73 0.00	31.43 -3.11 0.00	32.88 -3.21 0.00	34.59 -5.91 0.00	37.89 -5.15 3.35	43.52 -5.88 4.57	51.14 -6.87 3.37	53.04 -7.33 4.53	58.26 -7.62 0.96	59.76 -7.61 0.01	59.51 -7.73 0.01	60.49 -7.86 0.01	59.85 -7.78 0.01	60.40 -7.85 0.01	59.57 -7.74 0.01	58.40 -7.82 1.17	56.48 -7.55 3.36	56.44 -7.63 4.08	48.11 -5.46 0.00	46.29 -5.14 0.00



YORK____WARBASSE 23770	55.38	48.27	47.15	43.42	41.15	37.30	39.16	44.27	50.93	59.20	69.37	71.85	74.51	80.60	82.67	83.90	85.19	85.27	81.41	77.55	88.78	88.78	73.84	69.86
	4.71	4.11	3.65	3.33	3.12	2.76	3.07	3.77	4.59	5.29	6.51	7.01	7.69	7.61	7.73	8.00	7.98	8.12	8.08	8.22	8.15	8.04	5.73	5.14
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.05	0.07	-1.48	0.07	0.01	-5.60	-7.69	-7.55	-9.57	-8.89	-6.01	-1.95	-13.24	-12.59	-14.54	-13.28