

## Day Ahead Market Generator LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

04/29/2006

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	57.54	49.83	46.92	46.12	46.84	48.79	54.37	68.24	79.83	84.63	89.87	90.40	89.44	86.95	86.44	84.98	85.38	82.72	82.35	86.48	95.39	87.02	80.74	63.45
24138	5.75	4.78	4.27	4.04	4.18	4.52	5.43	4.79	5.94	6.87	7.11	6.83	6.66	6.48	6.20	6.08	6.21	5.96	6.27	6.44	7.17	6.53	5.32	5.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.35	-17.90	-14.71	-18.69	-19.77	-20.55	-19.39	-21.76	-21.00	-21.19	-20.50	-16.89	-19.85	-23.64	-18.33	-26.56	-9.09
74TH STREET_GT_1	57.64	49.88	46.96	46.21	46.92	48.84	54.42	68.28	79.83	84.69	89.93	90.47	89.44	87.01	86.50	85.04	85.44	82.72	82.41	86.55	95.45	87.14	80.78	63.55
24260	5.85	4.82	4.31	4.12	4.27	4.56	5.48	4.84	5.94	6.93	7.18	6.89	6.66	6.54	6.26	6.14	6.26	5.96	6.33	6.50	7.23	6.65	5.37	5.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.35	-17.90	-14.71	-18.69	-19.77	-20.55	-19.39	-21.76	-21.00	-21.19	-20.50	-16.89	-19.85	-23.64	-18.33	-26.56	-9.09
74TH STREET_GT_2	57.64	49.88	46.96	46.21	46.92	48.84	54.42	68.28	79.83	84.69	89.93	90.47	89.44	87.01	86.50	85.04	85.44	82.72	82.41	86.55	95.45	87.14	80.78	63.55
24261	5.85	4.82	4.31	4.12	4.27	4.56	5.48	4.84	5.94	6.93	7.18	6.89	6.66	6.54	6.26	6.14	6.26	5.96	6.33	6.50	7.23	6.65	5.37	5.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.35	-17.90	-14.71	-18.69	-19.77	-20.55	-19.39	-21.76	-21.00	-21.19	-20.50	-16.89	-19.85	-23.64	-18.33	-26.56	-9.09
ADK HUDSON___FALLS	54.48	47.44	44.75	44.10	44.83	46.36	52.07	49.24	59.97	67.38	68.62	68.51	66.44	65.43	62.64	62.06	61.81	60.07	62.96	64.56	69.61	65.78	52.25	51.87
24011	2.69	2.39	2.09	2.02	2.18	2.08	3.13	2.49	3.30	3.78	3.84	3.96	3.42	3.60	3.33	3.36	3.02	3.04	3.14	3.61	4.13	2.92	2.39	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-0.68	-0.56	-0.71	-0.75	-0.78	-0.74	-0.82	-0.80	-0.80	-0.78	-0.64	-0.75	-0.90	-0.69	-1.01	-0.34
ADK RESOURCE___RCVRY	54.48	47.44	44.75	44.10	44.83	46.36	52.07	49.24	59.97	67.38	68.62	68.51	66.44	65.43	62.64	62.06	61.81	60.07	62.96	64.56	69.61	65.78	52.25	51.87
23798	2.69	2.39	2.09	2.02	2.18	2.08	3.13	2.49	3.30	3.78	3.84	3.96	3.42	3.60	3.33	3.36	3.02	3.04	3.14	3.61	4.13	2.92	2.39	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-0.68	-0.56	-0.71	-0.75	-0.78	-0.74	-0.82	-0.80	-0.80	-0.78	-0.64	-0.75	-0.90	-0.69	-1.01	-0.34
ADK S GLENS___FALLS	54.48	47.44	44.75	44.10	44.83	46.36	52.07	49.24	59.97	67.38	68.62	68.51	66.44	65.43	62.64	62.06	61.81	60.07	62.96	64.56	69.61	65.78	52.25	51.87
24028	2.69	2.39	2.09	2.02	2.18	2.08	3.13	2.49	3.30	3.78	3.84	3.96	3.42	3.60	3.33	3.36	3.02	3.04	3.14	3.61	4.13	2.92	2.39	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-0.68	-0.56	-0.71	-0.75	-0.78	-0.74	-0.82	-0.80	-0.80	-0.78	-0.64	-0.75	-0.90	-0.69	-1.01	-0.34
ADK_NYS___DAM	54.54	47.40	44.75	44.06	44.79	46.40	51.39	48.98	59.74	67.11	68.46	67.79	66.43	65.11	62.43	61.84	61.89	60.03	62.93	64.31	69.43	65.87	52.47	51.93
23527	2.74	2.34	2.09	1.98	2.13	2.13	2.45	2.03	2.86	3.34	3.46	3.00	3.17	3.05	2.87	2.90	2.76	2.70	2.90	3.13	3.68	2.80	2.30	2.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.86	-0.89	-0.73	-0.93	-0.98	-1.02	-0.96	-1.08	-1.04	-1.05	-1.02	-0.84	-0.99	-1.18	-0.91	-1.32	-0.45
AIR_PRODUCTS___DRP	54.64	47.53	44.87	44.19	44.87	46.49	51.58	48.12	58.74	66.26	67.40	66.87	65.35	64.08	61.29	60.68	60.77	58.96	62.03	63.27	68.13	65.02	51.20	51.52
24190	2.85	2.48	2.22	2.10	2.22	2.21	2.64	2.03	2.74	3.22	3.33	3.06	3.11	2.99	2.81	2.78	2.78	2.70	2.84	3.07	3.55	2.86	2.34	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	54.64	47.53	44.87	44.19	44.87	46.49	51.58	48.12	58.74	66.26	67.40	66.87	65.35	64.08	61.29	60.68	60.77	58.96	62.03	63.27	68.13	65.02	51.20	51.52
23571	2.85	2.48	2.22	2.10	2.22	2.21	2.64	2.03	2.74	3.22	3.33	3.06	3.11	2.99	2.81	2.78	2.78	2.70	2.84	3.07	3.55	2.86	2.34	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	54.64	47.53	44.87	44.19	44.87	46.49	51.58	48.12	58.74	66.26	67.40	66.87	65.35	64.08	61.29	60.68	60.77	58.96	62.03	63.27	68.13	65.02	51.20	51.52
23572	2.85	2.48	2.22	2.10	2.22	2.21	2.64	2.03	2.74	3.22	3.33	3.06	3.11	2.99	2.81	2.78	2.78	2.70	2.84	3.07	3.55	2.86	2.34	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	54.64	47.53	44.87	44.19	44.87	46.49	51.58	48.12	58.74	66.26	67.40	66.87	65.35	64.08	61.29	60.68	60.77	58.96	62.03	63.27	68.13	65.02	51.20	51.52
23573	2.85	2.48	2.22	2.10	2.22	2.21	2.64	2.03	2.74	3.22	3.33	3.06	3.11	2.99	2.81	2.78	2.78	2.70	2.84	3.07	3.55	2.86	2.34	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___4	54.64	47.53	44.87	44.19	44.87	46.49	51.58	48.12	58.74	66.26	67.40	66.87	65.35	64.08	61.29	60.68	60.77	58.96	62.03	63.27	68.13	65.02	51.20	51.52
23574	2.85	2.48	2.22	2.10	2.22	2.21	2.64	2.03	2.74	3.22	3.33	3.06	3.11	2.99	2.81	2.78	2.78	2.70	2.84	3.07	3.55	2.86	2.34	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALCOA_RYNLDS___DRP 24188	49.98 -1.81 0.00	43.61 -1.44 0.00	41.42 -1.24 0.00	40.86 -1.22 0.00	41.38 -1.28 0.00	42.86 -1.42 0.00	47.08 -1.86 0.00	45.26 -0.83 0.00	54.59 -1.40 0.00	60.96 -2.08 0.00	61.76 -2.31 0.00	62.02 -1.79 0.00	60.55 -1.68 0.00	59.56 -1.53 0.00	57.08 -1.40 0.00	56.69 -1.22 0.00	56.60 -1.39 0.00	54.91 -1.35 0.00	57.71 -1.48 0.00	58.57 -1.63 0.00	62.45 -2.13 0.00	60.86 -1.31 0.00	48.02 -0.83 0.00	48.00 -0.98 0.00
ALLEGHENY___COGEN 23514	50.18 -1.61 0.00	43.25 -1.80 0.00	41.16 -1.49 0.00	40.82 -1.26 0.00	41.25 -1.41 0.00	43.08 -1.20 0.00	46.84 -2.10 0.00	43.90 -2.81 -0.62	53.85 -3.30 -1.16	60.52 -3.47 -0.95	62.20 -3.08 -1.21	61.19 -3.89 -1.28	59.96 -3.61 -1.33	58.43 -3.91 -1.26	56.09 -3.80 -1.41	55.50 -3.76 -1.36	55.59 -3.77 -1.37	53.82 -3.77 -1.33	56.43 -3.85 -1.09	57.51 -3.97 -1.28	62.43 -3.68 -1.53	60.49 -2.86 -1.19	47.30 -2.49 -0.94	46.51 -2.79 -0.32
AMERICAN_REF_FUEL 24010	48.11 -3.68 0.00	41.09 -3.96 0.00	39.29 -3.37 0.00	39.05 -3.03 0.00	39.37 -3.28 0.00	41.09 -3.19 0.00	42.38 -6.56 0.00	38.65 -7.97 -0.53	46.17 -10.02 -0.20	52.30 -10.91 -0.16	53.51 -10.76 -0.20	53.30 -10.72 -0.22	51.51 -10.95 -0.22	50.49 -10.81 -0.21	48.25 -10.47 -0.24	48.05 -10.07 -0.23	47.90 -10.32 -0.23	46.41 -10.07 -0.22	48.72 -10.65 -0.18	49.76 -10.65 -0.22	53.79 -11.04 -0.26	50.93 -11.44 -0.20	43.51 -6.16 -0.82	43.67 -5.58 -0.28
ARTHUR_KILL_GT_1 23520	57.24 5.44 -0.01	49.61 4.55 -0.01	46.76 4.09 -0.01	46.00 3.91 -0.01	46.72 4.05 -0.01	48.62 4.34 -0.01	54.19 5.24 -0.01	68.15 4.70 -17.36	79.61 5.71 -17.90	84.50 6.75 -14.71	89.67 6.92 -18.69	90.40 6.83 -19.77	89.38 6.60 -20.55	86.64 6.17 -19.39	86.33 6.08 -21.76	84.92 6.02 -21.00	85.27 6.09 -21.19	82.61 5.85 -20.50	82.29 6.21 -16.89	86.48 6.44 -19.85	95.45 7.23 -23.64	87.03 6.53 -18.34	80.70 5.28 -26.57	63.31 5.24 -9.09
ARTHUR_KILL_2 23512	57.24 5.44 -0.01	49.61 4.55 -0.01	46.76 4.09 -0.01	46.00 3.91 -0.01	46.72 4.05 -0.01	48.62 4.34 -0.01	54.19 5.24 -0.01	68.15 4.70 -17.36	79.61 5.71 -17.90	84.50 6.75 -14.71	89.67 6.92 -18.69	90.40 6.83 -19.77	89.38 6.60 -20.55	86.71 6.23 -19.39	86.33 6.08 -21.76	84.92 6.02 -21.00	85.27 6.09 -21.19	82.61 5.85 -20.50	82.29 6.21 -16.89	86.48 6.44 -19.85	95.45 7.23 -23.64	87.03 6.53 -18.34	80.70 5.28 -26.57	63.31 5.24 -9.09
ARTHUR_KILL_3 23513	57.69 5.90 0.00	49.88 4.82 0.00	46.96 4.31 0.00	46.16 4.08 0.00	46.88 4.22 0.00	48.79 4.52 0.00	54.47 5.53 0.00	68.24 4.79 -17.35	79.83 5.94 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.25 6.47 -20.55	86.71 6.23 -19.39	86.38 6.14 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.72 5.96 -20.50	82.35 6.27 -16.89	86.36 6.32 -19.85	95.19 6.97 -23.64	87.02 6.53 -18.33	80.78 5.37 -26.56	63.55 5.49 -9.09
ASHOKAN____ 23654	56.50 4.71 0.00	48.97 3.92 0.00	46.20 3.54 0.00	45.45 3.37 0.00	46.15 3.50 0.00	47.95 3.67 0.00	53.44 4.50 0.00	63.19 4.10 -12.99	74.66 5.26 -13.41	80.24 6.18 -11.02	84.53 6.47 -13.99	84.80 6.19 -14.80	83.72 6.10 -15.39	81.53 5.93 -14.52	80.39 5.61 -16.29	79.07 5.44 -15.72	79.42 5.57 -15.86	76.78 5.18 -15.35	77.28 5.45 -12.65	80.78 5.72 -14.86	88.74 6.46 -17.70	81.67 5.78 -13.72	73.28 4.54 -19.89	60.19 4.41 -6.80
ASTORIA_EAST_ENERGY_CC1 323581	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_EAST_ENERGY_CC2 323582	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT2_1 24094	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT2_2 24095	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT2_3 24096	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT2_4 24097	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT3_1 24098	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT3_2 24099	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT3_3 24100	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09



ASTORIA_GT3_4 24101	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT4_1 24102	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT4_2 24103	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT4_3 24104	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT4_4 24105	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT_1 23523	57.96 6.16 -0.01	50.15 5.09 -0.01	47.23 4.56 -0.01	46.42 4.33 -0.01	47.14 4.48 -0.01	49.11 4.83 -0.01	54.72 5.78 -0.01	68.52 5.07 -17.36	80.11 6.22 -17.90	85.00 7.25 -14.71	90.19 7.43 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.32 6.84 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.85 6.80 -19.85	95.84 7.62 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.80 5.73 -9.09
ASTORIA_GT_10 24110	57.96 6.16 -0.01	50.15 5.09 -0.01	47.23 4.56 -0.01	46.42 4.33 -0.01	47.14 4.48 -0.01	49.11 4.83 -0.01	54.72 5.78 -0.01	68.52 5.07 -17.36	80.11 6.22 -17.90	85.00 7.25 -14.71	90.19 7.43 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.32 6.84 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.85 6.80 -19.85	95.84 7.62 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.80 5.73 -9.09
ASTORIA_GT_11 24225	57.96 6.16 -0.01	50.15 5.09 -0.01	47.23 4.56 -0.01	46.42 4.33 -0.01	47.14 4.48 -0.01	49.11 4.83 -0.01	54.72 5.78 -0.01	68.52 5.07 -17.36	80.11 6.22 -17.90	85.00 7.25 -14.71	90.19 7.43 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.32 6.84 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.85 6.80 -19.85	95.84 7.62 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.80 5.73 -9.09
ASTORIA_GT_12 24226	57.96 6.16 -0.01	50.15 5.09 -0.01	47.23 4.56 -0.01	46.42 4.33 -0.01	47.14 4.48 -0.01	49.11 4.83 -0.01	54.72 5.78 -0.01	68.52 5.07 -17.36	80.11 6.22 -17.90	85.00 7.25 -14.71	90.19 7.43 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.32 6.84 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.85 6.80 -19.85	95.84 7.62 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.80 5.73 -9.09
ASTORIA_GT_13 24227	57.96 6.16 -0.01	50.15 5.09 -0.01	47.23 4.56 -0.01	46.42 4.33 -0.01	47.14 4.48 -0.01	49.11 4.83 -0.01	54.72 5.78 -0.01	68.52 5.07 -17.36	80.11 6.22 -17.90	85.00 7.25 -14.71	90.19 7.43 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.32 6.84 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.85 6.80 -19.85	95.84 7.62 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.80 5.73 -9.09
ASTORIA_GT_5 24106	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT_7 24107	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA_GT_8 24108	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA___2 24149	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ASTORIA___3 23516	57.96 6.16 -0.01	50.15 5.09 -0.01	47.23 4.56 -0.01	46.42 4.33 -0.01	47.14 4.48 -0.01	49.11 4.83 -0.01	54.72 5.78 -0.01	68.52 5.07 -17.36	80.11 6.22 -17.90	85.00 7.25 -14.71	90.19 7.43 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.32 6.84 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.85 6.80 -19.85	95.84 7.62 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.80 5.73 -9.09
ASTORIA___4 23517	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09



ASTORIA___5 23518	58.38 6.58 -0.01	50.51 5.45 -0.01	47.53 4.86 -0.01	46.76 4.67 -0.01	47.48 4.82 -0.01	49.46 5.18 -0.01	55.12 6.17 -0.01	68.89 5.44 -17.36	80.57 6.66 -17.91	85.52 7.75 -14.72	90.58 7.82 -18.70	91.18 7.59 -19.78	90.13 7.34 -20.55	87.81 7.33 -19.40	87.27 7.02 -21.77	85.80 6.89 -21.01	86.20 7.02 -21.19	83.46 6.69 -20.51	83.19 7.10 -16.90	87.34 7.28 -19.85	96.36 8.14 -23.65	88.08 7.58 -18.34	81.57 6.16 -26.57	64.19 6.12 -9.09
ATHENS_STG_1 23668	54.79 3.00 0.00	47.58 2.52 0.00	44.92 2.26 0.00	44.23 2.15 0.00	44.92 2.26 0.00	46.62 2.35 0.00	51.78 2.84 0.00	72.41 2.35 -23.97	83.75 3.02 -24.73	86.90 3.53 -20.33	93.54 3.65 -25.82	94.50 3.38 -27.31	93.98 3.36 -28.38	91.11 3.24 -26.79	91.64 3.10 -30.06	89.98 3.07 -29.01	90.39 3.13 -29.27	87.56 2.98 -28.32	85.66 3.14 -23.33	90.87 3.25 -27.42	100.98 3.75 -32.66	90.72 3.23 -25.32	88.18 2.64 -36.69	64.27 2.74 -12.55
ATHENS_STG_2 23670	54.79 3.00 0.00	47.58 2.52 0.00	44.92 2.26 0.00	44.23 2.15 0.00	44.92 2.26 0.00	46.62 2.35 0.00	51.78 2.84 0.00	72.41 2.35 -23.97	83.75 3.02 -24.73	86.90 3.53 -20.33	93.54 3.65 -25.82	94.50 3.38 -27.31	93.98 3.36 -28.38	91.11 3.24 -26.79	91.64 3.10 -30.06	89.98 3.07 -29.01	90.39 3.13 -29.27	87.56 2.98 -28.32	85.66 3.14 -23.33	90.87 3.25 -27.42	100.98 3.75 -32.66	90.72 3.23 -25.32	88.18 2.64 -36.69	64.27 2.74 -12.55
ATHENS_STG_3 23677	54.79 3.00 0.00	47.58 2.52 0.00	44.92 2.26 0.00	44.23 2.15 0.00	44.92 2.26 0.00	46.62 2.35 0.00	51.78 2.84 0.00	72.41 2.35 -23.97	83.75 3.02 -24.73	86.90 3.53 -20.33	93.54 3.65 -25.82	94.50 3.38 -27.31	93.98 3.36 -28.38	91.11 3.24 -26.79	91.64 3.10 -30.06	89.98 3.07 -29.01	90.39 3.13 -29.27	87.56 2.98 -28.32	85.66 3.14 -23.33	90.87 3.25 -27.42	100.98 3.75 -32.66	90.72 3.23 -25.32	88.18 2.64 -36.69	64.27 2.74 -12.55
BARRETT_IC_1 23704	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_10 23701	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_11 23702	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_12 23703	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_2 23705	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_3 23706	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_4 23707	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_5 23708	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_6 23709	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_7 23710	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_8 23711	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT_IC_9 23700	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04



BARRETT___1 23545	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BARRETT___2 23546	72.66 6.63 -14.24	70.21 5.59 -19.57	64.71 5.03 -17.02	47.06 4.97 -0.02	47.75 5.08 -0.02	62.85 5.31 -13.26	67.44 6.36 -12.14	75.32 5.44 -23.79	80.17 6.27 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.59 6.51 -16.89	86.91 6.86 -19.85	96.10 7.88 -23.64	87.39 6.90 -18.33	81.28 5.86 -26.57	74.19 6.17 -19.04
BEAVER RIVER___HYD 24048	49.67 -2.12 0.00	43.30 -1.76 0.00	41.04 -1.62 0.00	40.48 -1.60 0.00	40.95 -1.71 0.00	42.68 -1.59 0.00	47.77 -1.17 0.00	44.98 -1.11 0.00	54.31 -1.68 0.00	60.52 -2.52 0.00	61.44 -2.63 0.00	61.38 -2.42 0.00	59.99 -2.24 0.00	58.89 -2.20 0.00	56.44 -2.05 0.00	56.22 -1.68 0.00	55.96 -2.03 0.00	54.23 -2.03 0.00	56.70 -2.49 0.00	57.73 -2.47 0.00	61.99 -2.58 0.00	59.74 -2.42 0.00	47.34 -1.51 0.00	47.17 -1.81 0.00
BEEBEE_GT_13 23619	49.51 -2.28 0.00	43.03 -2.03 0.00	41.29 -1.36 0.00	40.90 -1.18 0.00	41.38 -1.28 0.00	43.04 -1.24 0.00	47.62 -1.32 0.00	45.48 -1.06 -0.45	55.79 -0.67 -0.47	63.05 -0.38 -0.38	64.43 -0.13 -0.49	64.32 0.00 -0.52	62.21 -0.56 -0.54	61.04 -0.55 -0.51	58.41 -0.64 -0.57	57.81 -0.64 -0.55	57.79 -0.75 -0.55	56.17 -0.62 -0.53	58.74 -0.89 -0.44	59.81 -0.90 -0.52	64.74 -0.45 -0.62	62.27 -0.37 -0.48	47.93 -1.61 -0.69	46.37 -2.84 -0.24
BETHLEHEM___GRP 23843	54.64 2.85 0.00	47.53 2.48 0.00	44.87 2.22 0.00	44.19 2.10 0.00	44.87 2.22 0.00	46.49 2.21 0.00	51.58 2.64 0.00	48.12 2.03 0.00	58.74 2.74 0.00	66.26 3.22 0.00	67.40 3.33 0.00	66.87 3.06 0.00	65.35 3.11 0.00	64.08 2.99 0.00	61.29 2.81 0.00	60.68 2.78 0.00	60.77 2.78 0.00	58.96 2.70 0.00	62.03 2.84 0.00	63.27 3.07 0.00	68.13 3.55 0.00	65.02 2.86 0.00	51.20 2.34 0.00	51.52 2.55 0.00
BETHLEHEM___GS1 323560	54.64 2.85 0.00	47.53 2.48 0.00	44.87 2.22 0.00	44.19 2.10 0.00	44.87 2.22 0.00	46.49 2.21 0.00	51.58 2.64 0.00	48.12 2.03 0.00	58.74 2.74 0.00	66.26 3.22 0.00	67.40 3.33 0.00	66.87 3.06 0.00	65.35 3.11 0.00	64.08 2.99 0.00	61.29 2.81 0.00	60.68 2.78 0.00	60.77 2.78 0.00	58.96 2.70 0.00	62.03 2.84 0.00	63.27 3.07 0.00	68.13 3.55 0.00	65.02 2.86 0.00	51.20 2.34 0.00	51.52 2.55 0.00
BETHLEHEM___GS2 323561	54.64 2.85 0.00	47.53 2.48 0.00	44.87 2.22 0.00	44.19 2.10 0.00	44.87 2.22 0.00	46.49 2.21 0.00	51.58 2.64 0.00	48.12 2.03 0.00	58.74 2.74 0.00	66.26 3.22 0.00	67.40 3.33 0.00	66.87 3.06 0.00	65.35 3.11 0.00	64.08 2.99 0.00	61.29 2.81 0.00	60.68 2.78 0.00	60.77 2.78 0.00	58.96 2.70 0.00	62.03 2.84 0.00	63.27 3.07 0.00	68.13 3.55 0.00	65.02 2.86 0.00	51.20 2.34 0.00	51.52 2.55 0.00
BETHLEHEM___GS3 323562	54.64 2.85 0.00	47.53 2.48 0.00	44.87 2.22 0.00	44.19 2.10 0.00	44.87 2.22 0.00	46.49 2.21 0.00	51.58 2.64 0.00	48.12 2.03 0.00	58.74 2.74 0.00	66.26 3.22 0.00	67.40 3.33 0.00	66.87 3.06 0.00	65.35 3.11 0.00	64.08 2.99 0.00	61.29 2.81 0.00	60.68 2.78 0.00	60.77 2.78 0.00	58.96 2.70 0.00	62.03 2.84 0.00	63.27 3.07 0.00	68.13 3.55 0.00	65.02 2.86 0.00	51.20 2.34 0.00	51.52 2.55 0.00
BETHLEHEM___STEEL 23779	48.01 -3.78 0.00	41.05 -4.01 0.00	39.16 -3.50 0.00	38.97 -3.11 0.00	39.29 -3.37 0.00	41.00 -3.28 0.00	42.53 -6.41 0.00	38.92 -7.74 -0.58	46.20 -9.74 0.05	52.41 -10.59 0.04	53.58 -10.44 0.05	53.36 -10.40 0.05	51.60 -10.58 0.05	50.59 -10.45 0.05	48.31 -10.12 0.06	48.00 -9.84 0.05	47.90 -10.03 0.06	46.42 -9.79 0.05	48.90 -10.24 0.04	49.79 -10.35 0.05	53.86 -10.66 0.06	51.18 -10.94 0.05	43.82 -5.91 -0.88	43.89 -5.39 -0.30
BETHPAGE_CC_5 323564	72.87 6.84 -14.25	70.44 5.81 -19.57	65.01 5.33 -17.02	47.32 5.22 -0.02	48.05 5.37 -0.02	63.16 5.62 -13.26	67.74 6.66 -12.14	75.74 5.85 -23.79	80.45 6.55 -17.90	84.81 7.06 -14.71	90.06 7.30 -18.69	90.53 6.95 -19.77	89.69 6.91 -20.55	87.19 6.72 -19.39	86.68 6.43 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.77 6.02 -20.50	82.76 6.69 -16.89	87.09 7.04 -19.85	96.29 8.07 -23.64	87.58 7.09 -18.33	81.38 5.96 -26.57	74.34 6.32 -19.04
BINGHAMTON___COGEN 23790	50.81 -0.98 0.00	44.15 -0.90 0.00	41.67 -0.98 0.00	41.24 -0.84 0.00	41.80 -0.85 0.00	43.48 -0.80 0.00	48.16 -0.78 0.00	46.08 -1.24 -1.23	55.87 -1.46 -1.33	62.56 -1.58 -1.09	64.05 -1.41 -1.39	63.75 -1.53 -1.47	62.21 -1.56 -1.53	60.88 -1.65 -1.44	58.52 -1.58 -1.62	57.78 -1.68 -1.56	57.94 -1.62 -1.58	56.21 -1.58 -1.52	58.90 -1.54 -1.26	60.05 -1.63 -1.48	64.98 -1.36 -1.76	62.04 -1.49 -1.36	49.81 -0.93 -1.89	48.60 -1.03 -0.65
BLACK RIVER___HYD 24047	49.15 -2.64 0.00	42.85 -2.21 0.00	40.57 -2.09 0.00	40.02 -2.06 0.00	40.52 -2.13 0.00	42.28 -1.99 0.00	47.52 -1.42 0.00	44.62 -1.47 0.00	53.86 -2.13 0.00	60.14 -2.90 0.00	61.06 -3.01 0.00	60.94 -2.87 0.00	59.50 -2.74 0.00	58.40 -2.69 0.00	55.97 -2.51 0.00	55.70 -2.20 0.00	55.44 -2.55 0.00	53.78 -2.48 0.00	56.29 -2.90 0.00	57.25 -2.95 0.00	61.54 -3.04 0.00	59.24 -2.92 0.00	46.90 -1.95 0.00	46.63 -2.35 0.00
BLUE_CIRC_CHEM_DRP 24182	54.22 2.43 0.00	47.17 2.12 0.00	44.53 1.88 0.00	43.85 1.77 0.00	44.53 1.88 0.00	46.09 1.82 0.00	50.95 2.01 0.00	47.57 1.47 0.00	58.01 2.02 0.00	65.44 2.40 0.00	66.57 2.50 0.00	66.04 2.23 0.00	64.48 2.24 0.00	63.22 2.14 0.00	60.53 2.05 0.00	59.87 1.97 0.00	60.02 2.03 0.00	58.23 1.97 0.00	61.26 2.07 0.00	62.42 2.23 0.00	67.23 2.65 0.00	64.34 2.18 0.00	50.56 1.71 0.00	50.89 1.91 0.00
BOC_GAS_DRP 24189	54.12 2.33 0.00	47.08 2.03 0.00	44.45 1.79 0.00	43.81 1.73 0.00	44.45 1.79 0.00	46.05 1.77 0.00	51.00 2.06 0.00	46.30 1.57 1.36	56.66 2.07 1.40	64.35 2.46 1.15	65.17 2.56 1.46	64.56 2.30 1.55	62.93 2.30 1.61	61.83 2.26 1.52	58.89 2.11 1.70	58.34 2.08 1.64	58.48 2.15 1.66	56.74 2.08 1.60	60.06 2.19 1.32	60.93 2.29 1.55	65.44 2.71 1.85	62.91 2.18 1.43	48.58 1.81 2.08	50.28 2.01 0.71
BORALEX_4TH_BRANCH 23824	54.54 2.74 0.00	47.40 2.34 0.00	44.75 2.09 0.00	44.06 1.98 0.00	44.79 2.13 0.00	46.40 2.13 0.00	51.39 2.45 0.00	48.98 2.03 -0.86	59.74 2.86 -0.89	67.11 3.34 -0.73	68.46 3.46 -0.93	67.79 3.00 -0.98	66.43 3.17 -1.02	65.11 3.05 -0.96	62.43 2.87 -1.08	61.84 2.90 -1.04	61.89 2.84 -1.05	60.03 2.76 -1.02	62.93 2.90 -0.84	64.31 3.13 -0.99	69.43 3.68 -1.18	65.87 2.80 -0.91	52.47 2.30 -1.32	51.93 2.50 -0.45
BOWLINE___1 23526	56.40 4.61 0.00	48.84 3.78 0.00	46.07 3.41 0.00	45.32 3.24 0.00	46.03 3.37 0.00	47.91 3.63 0.00	53.44 4.50 0.00	66.47 4.01 -16.37	77.86 4.98 -16.89	82.72 5.80 -13.88	87.71 6.02 -17.62	88.19 5.74 -18.64	87.21 5.60 -19.38	84.81 5.44 -18.29	84.27 5.26 -20.52	82.80 5.10 -19.80	83.19 5.22 -19.98	80.60 5.01 -19.33	80.38 5.27 -15.93	84.33 5.42 -18.72	93.01 6.13 -22.30	84.92 5.47 -17.29	78.30 4.40 -25.05	61.91 4.36 -8.57



BOWLINE___2 23595	56.40 4.61 0.00	48.88 3.83 0.00	46.07 3.41 0.00	45.32 3.24 0.00	46.03 3.37 0.00	47.91 3.63 0.00	53.44 4.50 0.00	66.47 4.01 -16.37	77.86 4.98 -16.89	82.72 5.80 -13.88	87.71 6.02 -17.62	88.19 5.74 -18.64	87.28 5.66 -19.38	84.81 5.44 -18.29	84.27 5.26 -20.52	82.80 5.10 -19.80	83.19 5.22 -19.98	80.60 5.01 -19.33	80.38 5.27 -15.93	84.33 5.42 -18.72	93.01 6.13 -22.30	84.92 5.47 -17.29	78.30 4.40 -25.05	61.91 4.36 -8.57
BROOKHAVEN___DRP 24191	73.75 7.72 -14.25	71.25 6.62 -19.57	65.74 6.06 -17.02	47.99 5.89 -0.02	48.73 6.06 -0.02	63.91 6.38 -13.26	68.57 7.49 -12.14	76.29 6.41 -23.79	80.78 6.89 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.68 6.43 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.27 7.22 -19.85	96.55 8.33 -23.64	87.83 7.34 -18.33	81.62 6.20 -26.57	74.87 6.86 -19.04
BROOKLYN_NAVY_YARD 23515	57.69 5.90 0.00	49.92 4.87 0.00	47.01 4.35 0.00	46.21 4.12 0.00	46.92 4.27 0.00	48.84 4.56 0.00	54.42 5.48 0.00	68.24 4.79 -17.35	79.83 5.94 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.38 6.60 -20.55	86.95 6.48 -19.39	86.44 6.20 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.66 5.91 -20.50	82.35 6.27 -16.89	86.48 6.44 -19.85	95.45 7.23 -23.64	87.14 6.65 -18.33	80.78 5.37 -26.56	63.55 5.49 -9.09
BURROWS___LYONSDAL 23803	51.32 -0.47 0.00	44.65 -0.41 0.00	42.31 -0.34 0.00	41.75 -0.34 0.00	42.27 -0.38 0.00	44.01 -0.27 0.00	48.99 0.05 0.00	46.00 -0.09 0.00	55.82 -0.17 0.00	62.66 -0.38 0.00	63.68 -0.38 0.00	63.42 -0.38 0.00	61.86 -0.37 0.00	60.66 -0.43 0.00	58.13 -0.35 0.00	57.61 -0.29 0.00	57.59 -0.41 0.00	55.86 -0.39 0.00	58.71 -0.47 0.00	59.72 -0.48 0.00	64.25 -0.32 0.00	61.85 -0.31 0.00	48.56 -0.29 0.00	48.59 -0.39 0.00
CALPINE BETH_PAGE_GT4 24209	72.92 6.89 -14.25	70.53 5.90 -19.57	65.05 5.37 -17.02	47.36 5.26 -0.02	48.05 5.37 -0.02	63.20 5.67 -13.26	67.79 6.70 -12.14	75.78 5.90 -23.79	80.50 6.61 -17.90	84.94 7.19 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.81 7.03 -20.55	87.32 6.84 -19.39	86.73 6.49 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.89 6.13 -20.50	82.82 6.75 -16.89	87.21 7.16 -19.85	96.42 8.20 -23.64	87.70 7.21 -18.33	81.43 6.01 -26.57	74.39 6.37 -19.04
CALPINE_BETH_PAGE_GT_4 323586	72.92 6.89 -14.25	70.53 5.90 -19.57	65.05 5.37 -17.02	47.36 5.26 -0.02	48.05 5.37 -0.02	63.20 5.67 -13.26	67.79 6.70 -12.14	75.78 5.90 -23.79	80.50 6.61 -17.90	84.94 7.19 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.81 7.03 -20.55	87.32 6.84 -19.39	86.73 6.49 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.89 6.13 -20.50	82.82 6.75 -16.89	87.21 7.16 -19.85	96.42 8.20 -23.64	87.70 7.21 -18.33	81.43 6.01 -26.57	74.39 6.37 -19.04
CALPINE_BP_GT1 23823	72.92 6.89 -14.25	70.53 5.90 -19.57	65.05 5.37 -17.02	47.36 5.26 -0.02	48.05 5.37 -0.02	63.20 5.67 -13.26	67.79 6.70 -12.14	75.78 5.90 -23.79	80.50 6.61 -17.90	84.94 7.19 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.81 7.03 -20.55	87.32 6.84 -19.39	86.73 6.49 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.89 6.13 -20.50	82.82 6.75 -16.89	87.21 7.16 -19.85	96.42 8.20 -23.64	87.70 7.21 -18.33	81.43 6.01 -26.57	74.39 6.37 -19.04
CALSPAN___DRP 24200	48.01 -3.78 0.00	41.05 -4.01 0.00	39.16 -3.50 0.00	38.97 -3.11 0.00	39.29 -3.37 0.00	41.00 -3.28 0.00	42.53 -6.41 0.00	38.92 -7.74 -0.58	46.20 -9.74 0.05	52.41 -10.59 0.04	53.58 -10.44 0.05	53.36 -10.40 0.05	51.60 -10.58 0.05	50.59 -10.45 0.05	48.31 -10.12 0.06	48.00 -9.84 0.05	47.90 -10.03 0.06	46.42 -9.79 0.05	48.90 -10.24 0.04	49.79 -10.35 0.05	53.86 -10.66 0.06	51.18 -10.94 0.05	43.82 -5.91 -0.88	43.89 -5.39 -0.30
CARR STREET_E_SYR 24060	50.60 -1.19 0.00	43.93 -1.13 0.00	41.59 -1.07 0.00	41.07 -1.01 0.00	41.63 -1.02 0.00	43.30 -0.97 0.00	48.06 -0.88 0.00	45.12 -0.97 0.00	54.82 -1.18 0.00	61.84 -1.20 0.00	62.98 -1.09 0.00	62.59 -1.21 0.00	60.93 -1.31 0.00	59.80 -1.28 0.00	57.26 -1.23 0.00	56.69 -1.22 0.00	56.77 -1.22 0.00	55.02 -1.24 0.00	57.94 -1.24 0.00	58.93 -1.26 0.00	63.42 -1.16 0.00	60.92 -1.24 0.00	47.68 -1.17 0.00	47.70 -1.27 0.00
CARTHAGE___PAPER 23857	49.36 -2.43 0.00	42.98 -2.07 0.00	40.74 -1.92 0.00	40.19 -1.89 0.00	40.69 -1.96 0.00	42.42 -1.86 0.00	47.57 -1.37 0.00	44.75 -1.34 0.00	54.03 -1.96 0.00	60.27 -2.77 0.00	61.18 -2.88 0.00	61.06 -2.74 0.00	59.68 -2.55 0.00	58.58 -2.50 0.00	56.15 -2.34 0.00	55.93 -1.97 0.00	55.67 -2.32 0.00	53.95 -2.31 0.00	56.46 -2.72 0.00	57.43 -2.77 0.00	61.74 -2.84 0.00	59.43 -2.74 0.00	47.04 -1.81 0.00	46.82 -2.16 0.00
CE_DUNWOOD___DRP 24194	57.02 5.23 0.00	49.43 4.37 0.00	46.54 3.88 0.00	45.79 3.70 0.00	46.49 3.84 0.00	48.39 4.12 0.00	53.93 4.99 0.00	67.78 4.38 -17.31	79.28 5.43 -17.86	84.02 6.30 -14.68	89.24 6.53 -18.64	89.78 6.25 -19.72	88.83 6.10 -20.50	86.35 5.93 -19.34	85.92 5.73 -21.71	84.41 5.56 -20.95	84.81 5.68 -21.14	82.16 5.46 -20.45	81.78 5.74 -16.85	85.90 5.90 -19.80	94.81 6.65 -23.59	86.48 6.03 -18.28	80.23 4.89 -26.50	62.99 4.95 -9.07
CE_MILLWOOD___DRP 24193	56.81 5.02 0.00	49.25 4.19 0.00	46.41 3.75 0.00	45.66 3.58 0.00	46.37 3.71 0.00	48.26 3.98 0.00	53.79 4.85 0.00	67.60 4.24 -17.27	79.07 5.26 -17.82	83.80 6.11 -14.64	89.01 6.34 -18.60	89.54 6.06 -19.68	88.60 5.91 -20.45	86.19 5.80 -19.30	85.70 5.56 -21.65	84.19 5.38 -20.90	84.59 5.51 -21.09	81.95 5.29 -20.40	81.56 5.56 -16.81	85.73 5.78 -19.75	94.63 6.52 -23.53	86.25 5.84 -18.24	80.02 4.74 -26.43	62.77 4.75 -9.04
CE_NYC2_DRP 24202	57.91 6.11 -0.01	50.11 5.05 -0.01	47.19 4.52 -0.01	46.38 4.29 -0.01	47.10 4.44 -0.01	49.07 4.78 -0.01	54.67 5.73 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.72 7.15 -19.77	89.69 6.91 -20.55	87.26 6.78 -19.39	86.73 6.49 -21.76	85.27 6.37 -21.00	85.67 6.50 -21.19	83.00 6.24 -20.50	82.64 6.57 -16.89	86.79 6.74 -19.85	95.77 7.56 -23.64	87.40 6.90 -18.34	81.04 5.62 -26.57	63.75 5.68 -9.09
CE_NYC_DRP 24195	57.69 5.90 0.00	49.92 4.87 0.00	47.01 4.35 0.00	46.21 4.12 0.00	46.92 4.27 0.00	48.84 4.56 0.00	54.47 5.53 0.00	68.28 4.84 -17.35	79.89 5.99 -17.90	84.75 7.00 -14.71	89.99 7.24 -18.69	90.53 6.95 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.56 6.32 -21.76	85.04 6.14 -21.00	85.44 6.26 -21.19	82.77 6.02 -20.50	82.41 6.33 -16.89	86.55 6.50 -19.85	95.45 7.23 -23.64	87.14 6.65 -18.33	80.83 5.42 -26.56	63.60 5.53 -9.09
CHAT_HIGH_FALL_HYD 323578	49.72 -2.07 0.00	43.39 -1.67 0.00	41.16 -1.49 0.00	40.61 -1.47 0.00	41.12 -1.54 0.00	42.59 -1.68 0.00	46.79 -2.15 0.00	45.03 -1.06 0.00	54.31 -1.68 0.00	60.77 -2.27 0.00	61.57 -2.50 0.00	61.70 -2.11 0.00	60.31 -1.93 0.00	59.31 -1.77 0.00	56.85 -1.64 0.00	56.40 -1.51 0.00	56.31 -1.68 0.00	54.68 -1.58 0.00	57.53 -1.66 0.00	58.33 -1.87 0.00	62.25 -2.32 0.00	60.55 -1.62 0.00	47.78 -1.07 0.00	47.70 -1.27 0.00
CH_MIDHUDSON___DRP 24192	56.56 4.76 0.00	49.02 3.96 0.00	46.20 3.54 0.00	45.45 3.37 0.00	46.15 3.50 0.00	48.04 3.76 0.00	53.54 4.60 0.00	64.37 4.06 -14.23	75.77 5.10 -14.68	80.97 5.86 -12.06	85.54 6.15 -15.32	85.82 5.81 -16.21	84.74 5.66 -16.85	82.54 5.56 -15.90	81.65 5.32 -17.84	80.27 5.15 -17.22	80.64 5.28 -17.37	78.13 5.06 -16.81	78.36 5.33 -13.85	81.95 5.48 -16.27	90.23 6.26 -19.38	82.72 5.53 -15.03	75.12 4.49 -21.78	60.93 4.51 -7.45



CH_MISC_IPPS 23765	56.45 4.66 0.00	48.93 3.87 0.00	46.11 3.46 0.00	45.36 3.28 0.00	46.07 3.41 0.00	47.95 3.67 0.00	53.49 4.55 0.00	65.36 4.06 -15.21	76.79 5.10 -15.70	81.87 5.93 -12.90	86.60 6.15 -16.38	86.95 5.81 -17.33	85.97 5.73 -18.01	83.64 5.56 -17.00	82.88 5.32 -19.08	81.52 5.21 -18.41	81.90 5.34 -18.58	79.29 5.06 -17.97	79.32 5.33 -14.81	83.14 5.54 -17.40	91.57 6.26 -20.73	83.83 5.59 -16.07	76.63 4.49 -23.29	61.40 4.46 -7.97
CH_RES_BVR_FALLS 23983	51.27 -0.52 0.00	44.65 -0.41 0.00	42.31 -0.34 0.00	41.75 -0.34 0.00	42.27 -0.38 0.00	43.88 -0.40 0.00	48.40 -0.54 0.00	45.81 -0.28 0.00	55.54 -0.45 0.00	62.47 -0.57 0.00	63.43 -0.64 0.00	63.30 -0.51 0.00	61.74 -0.50 0.00	60.66 -0.43 0.00	58.08 -0.41 0.00	57.50 -0.41 0.00	57.59 -0.41 0.00	55.86 -0.39 0.00	58.77 -0.41 0.00	59.72 -0.48 0.00	64.00 -0.58 0.00	61.79 -0.37 0.00	48.61 -0.24 0.00	48.68 -0.29 0.00
CH_RES_NIAGARA 23895	48.22 -3.57 0.00	41.14 -3.92 0.00	39.37 -3.28 0.00	39.14 -2.95 0.00	39.41 -3.24 0.00	41.13 -3.14 0.00	42.24 -6.70 0.00	38.47 -8.16 -0.53	45.78 -10.30 -0.10	51.90 -11.22 -0.08	53.08 -11.08 -0.10	52.87 -11.04 -0.10	51.08 -11.26 -0.11	50.13 -11.06 -0.10	47.90 -10.70 -0.11	47.71 -10.31 -0.11	47.55 -10.55 -0.11	46.01 -10.35 -0.11	48.33 -10.95 -0.09	49.35 -10.96 -0.10	53.34 -11.37 -0.12	50.51 -11.75 -0.10	43.46 -6.20 -0.82	43.72 -5.53 -0.28
CH_RES_SYRACUSE 23985	50.75 -1.04 0.00	44.06 -0.99 0.00	41.72 -0.94 0.00	41.20 -0.88 0.00	41.72 -0.94 0.00	43.39 -0.89 0.00	48.26 -0.69 0.00	45.40 -0.69 0.00	55.21 -0.78 0.00	62.28 -0.76 0.00	63.36 -0.70 0.00	63.04 -0.77 0.00	61.43 -0.81 0.00	60.23 -0.86 0.00	57.67 -0.82 0.00	57.03 -0.87 0.00	57.12 -0.87 0.00	55.41 -0.84 0.00	58.30 -0.89 0.00	59.29 -0.90 0.00	63.87 -0.71 0.00	61.42 -0.75 0.00	47.82 -1.03 0.00	47.85 -1.13 0.00
COLONIE_LFGE__ 323577	54.48 2.69 0.00	47.40 2.34 0.00	44.75 2.09 0.00	44.06 1.98 0.00	44.79 2.13 0.00	46.36 2.08 0.00	51.58 2.64 0.00	48.16 2.07 0.00	58.79 2.80 0.00	66.32 3.28 0.00	67.46 3.40 0.00	67.00 3.19 0.00	65.41 3.17 0.00	64.20 3.12 0.00	61.35 2.87 0.00	60.80 2.90 0.00	60.77 2.78 0.00	58.96 2.70 0.00	62.03 2.84 0.00	63.27 3.07 0.00	68.19 3.62 0.00	64.90 2.74 0.00	51.15 2.30 0.00	51.43 2.45 0.00
CORNELL____ 23752	47.80 -3.99 0.00	41.50 -3.56 0.00	39.29 -3.37 0.00	38.80 -3.28 0.00	39.29 -3.37 0.00	40.91 -3.37 0.00	45.76 -3.18 0.00	43.75 -3.04 -0.70	53.10 -3.70 -0.81	59.80 -3.91 -0.66	61.13 -3.78 -0.84	60.87 -3.83 -0.89	59.24 -3.92 -0.93	57.99 -3.97 -0.87	55.61 -3.86 -0.98	54.91 -3.94 -0.95	55.06 -3.89 -0.96	53.41 -3.77 -0.92	56.04 -3.91 -0.76	57.06 -4.03 -0.90	61.77 -3.87 -1.07	59.20 -3.79 -0.83	46.26 -3.66 -1.07	45.43 -3.92 -0.37
COXSACKIE____GT 23611	56.09 4.30 0.00	48.70 3.65 0.00	45.94 3.28 0.00	45.20 3.11 0.00	45.90 3.24 0.00	47.60 3.32 0.00	52.95 4.01 0.00	59.88 3.60 -10.20	71.16 4.65 -10.52	77.17 5.48 -8.65	80.82 5.77 -10.98	80.91 5.49 -11.62	79.66 5.35 -12.07	77.73 5.25 -11.39	76.18 4.91 -12.79	75.05 4.81 -12.34	75.37 4.93 -12.45	72.92 4.61 -12.05	73.96 4.85 -9.93	76.98 5.12 -11.66	84.28 5.81 -13.89	78.16 5.22 -10.77	68.47 4.01 -15.61	58.33 4.02 -5.34
CRESCENT____HYD 24018	54.48 2.69 0.00	47.40 2.34 0.00	44.75 2.09 0.00	44.06 1.98 0.00	44.79 2.13 0.00	46.36 2.08 0.00	51.58 2.64 0.00	48.16 2.07 0.00	58.79 2.80 0.00	66.32 3.28 0.00	67.46 3.40 0.00	67.00 3.19 0.00	65.41 3.17 0.00	64.20 3.12 0.00	61.35 2.87 0.00	60.80 2.90 0.00	60.77 2.78 0.00	58.96 2.70 0.00	62.03 2.84 0.00	63.27 3.07 0.00	68.19 3.62 0.00	64.90 2.74 0.00	51.15 2.30 0.00	51.43 2.45 0.00
CRUCIBLE_METL_DRP 24180	50.75 -1.04 0.00	44.06 -0.99 0.00	41.72 -0.94 0.00	41.20 -0.88 0.00	41.72 -0.94 0.00	43.39 -0.89 0.00	48.26 -0.69 0.00	45.40 -0.69 0.00	55.21 -0.78 0.00	62.28 -0.76 0.00	63.36 -0.70 0.00	63.04 -0.77 0.00	61.43 -0.81 0.00	60.23 -0.86 0.00	57.67 -0.82 0.00	57.03 -0.87 0.00	57.12 -0.87 0.00	55.41 -0.84 0.00	58.30 -0.89 0.00	59.29 -0.90 0.00	63.87 -0.71 0.00	61.42 -0.75 0.00	47.82 -1.03 0.00	47.85 -1.13 0.00
DANSKAMMER____1 23586	56.45 4.66 0.00	48.93 3.87 0.00	46.11 3.46 0.00	45.36 3.28 0.00	46.07 3.41 0.00	47.95 3.67 0.00	53.49 4.55 0.00	65.36 4.06 -15.21	76.79 5.10 -15.70	81.87 5.93 -12.90	86.60 6.15 -16.38	86.95 5.81 -17.33	85.97 5.73 -18.01	83.64 5.56 -17.00	82.88 5.32 -19.08	81.52 5.21 -18.41	81.90 5.34 -18.58	79.29 5.06 -17.97	79.32 5.33 -14.81	83.14 5.54 -17.40	91.57 6.26 -20.73	83.83 5.59 -16.07	76.63 4.49 -23.29	61.40 4.46 -7.97
DANSKAMMER____2 23589	56.45 4.66 0.00	48.93 3.87 0.00	46.11 3.46 0.00	45.36 3.28 0.00	46.07 3.41 0.00	47.95 3.67 0.00	53.49 4.55 0.00	65.36 4.06 -15.21	76.79 5.10 -15.70	81.87 5.93 -12.90	86.60 6.15 -16.38	86.95 5.81 -17.33	85.97 5.73 -18.01	83.64 5.56 -17.00	82.88 5.32 -19.08	81.52 5.21 -18.41	81.90 5.34 -18.58	79.29 5.06 -17.97	79.32 5.33 -14.81	83.14 5.54 -17.40	91.57 6.26 -20.73	83.83 5.59 -16.07	76.63 4.49 -23.29	61.40 4.46 -7.97
DANSKAMMER____3 23590	56.45 4.66 0.00	48.93 3.87 0.00	46.11 3.46 0.00	45.36 3.28 0.00	46.07 3.41 0.00	47.95 3.67 0.00	53.49 4.55 0.00	65.36 4.06 -15.21	76.79 5.10 -15.70	81.87 5.93 -12.90	86.60 6.15 -16.38	86.95 5.81 -17.33	85.97 5.73 -18.01	83.64 5.56 -17.00	82.88 5.32 -19.08	81.52 5.21 -18.41	81.90 5.34 -18.58	79.29 5.06 -17.97	79.32 5.33 -14.81	83.14 5.54 -17.40	91.57 6.26 -20.73	83.83 5.59 -16.07	76.63 4.49 -23.29	61.40 4.46 -7.97
DANSKAMMER____4 23591	56.45 4.66 0.00	48.93 3.87 0.00	46.11 3.46 0.00	45.36 3.28 0.00	46.07 3.41 0.00	47.95 3.67 0.00	53.49 4.55 0.00	65.36 4.06 -15.21	76.79 5.10 -15.70	81.87 5.93 -12.90	86.60 6.15 -16.38	86.95 5.81 -17.33	85.97 5.73 -18.01	83.64 5.56 -17.00	82.88 5.32 -19.08	81.52 5.21 -18.41	81.90 5.34 -18.58	79.29 5.06 -17.97	79.32 5.33 -14.81	83.14 5.54 -17.40	91.57 6.26 -20.73	83.83 5.59 -16.07	76.63 4.49 -23.29	61.40 4.46 -7.97
DANSKAMMER____DIESEL 23592	56.45 4.66 0.00	48.93 3.87 0.00	46.11 3.46 0.00	45.36 3.28 0.00	46.07 3.41 0.00	47.95 3.67 0.00	53.49 4.55 0.00	65.36 4.06 -15.21	76.79 5.10 -15.70	81.87 5.93 -12.90	86.60 6.15 -16.38	86.95 5.81 -17.33	85.97 5.73 -18.01	83.64 5.56 -17.00	82.88 5.32 -19.08	81.52 5.21 -18.41	81.90 5.34 -18.58	79.29 5.06 -17.97	79.32 5.33 -14.81	83.14 5.54 -17.40	91.57 6.26 -20.73	83.83 5.59 -16.07	76.63 4.49 -23.29	61.40 4.46 -7.97
DASHVILLE____HYD 23610	56.71 4.92 0.00	49.11 4.05 0.00	46.28 3.63 0.00	45.49 3.41 0.00	46.24 3.58 0.00	48.17 3.90 0.00	53.79 4.85 0.00	65.40 4.38 -14.93	76.88 5.49 -15.40	82.00 6.30 -12.66	86.74 6.60 -16.07	87.07 6.25 -17.00	86.07 6.16 -17.67	83.75 5.99 -16.68	82.93 5.73 -18.72	81.52 5.56 -18.06	81.90 5.68 -18.22	79.35 5.46 -17.63	79.46 5.74 -14.53	83.17 5.90 -17.07	91.57 6.65 -20.34	83.96 6.03 -15.77	76.49 4.79 -22.85	61.54 4.75 -7.82
DOGLEVILLE____HYD 23807	54.64 2.85 0.00	47.40 2.34 0.00	44.83 2.18 0.00	44.23 2.15 0.00	44.87 2.22 0.00	46.76 2.48 0.00	51.88 2.94 0.00	48.95 2.86 0.00	59.69 3.70 0.00	67.39 4.35 0.00	68.68 4.61 0.00	68.27 4.47 0.00	66.47 4.23 0.00	65.06 3.97 0.00	62.17 3.68 0.00	61.43 3.53 0.00	61.53 3.54 0.00	59.75 3.49 0.00	62.92 3.73 0.00	63.99 3.79 0.00	69.03 4.46 0.00	66.45 4.29 0.00	51.83 2.98 0.00	51.72 2.74 0.00



DUNKIRK___1 23563	46.51 -5.28 0.00	40.05 -5.00 0.00	37.96 -4.69 0.00	37.87 -4.21 0.00	38.22 -4.44 0.00	39.89 -4.38 0.00	42.14 -6.80 0.00	38.87 -7.88 -0.66	46.23 -9.85 -0.09	52.27 -10.84 -0.08	53.59 -10.57 -0.09	53.38 -10.53 -0.10	51.63 -10.70 -0.10	50.56 -10.63 -0.10	48.48 -10.12 -0.11	47.87 -10.13 -0.11	47.95 -10.15 -0.11	46.46 -9.90 -0.10	49.09 -10.18 -0.09	49.76 -10.53 -0.10	53.85 -10.85 -0.12	51.38 -10.88 -0.09	43.60 -6.25 -1.01	43.35 -5.98 -0.34
DUNKIRK___2 23564	46.51 -5.28 0.00	40.05 -5.00 0.00	37.96 -4.69 0.00	37.87 -4.21 0.00	38.22 -4.44 0.00	39.89 -4.38 0.00	42.14 -6.80 0.00	38.87 -7.88 -0.66	46.23 -9.85 -0.09	52.27 -10.84 -0.08	53.59 -10.57 -0.09	53.38 -10.53 -0.10	51.63 -10.70 -0.10	50.56 -10.63 -0.10	48.48 -10.12 -0.11	47.87 -10.13 -0.11	47.95 -10.15 -0.11	46.46 -9.90 -0.10	49.09 -10.18 -0.09	49.76 -10.53 -0.10	53.85 -10.85 -0.12	51.38 -10.88 -0.09	43.60 -6.25 -1.01	43.35 -5.98 -0.34
DUNKIRK___3 23565	46.77 -5.02 0.00	40.28 -4.78 0.00	38.18 -4.48 0.00	38.04 -4.04 0.00	38.39 -4.27 0.00	40.07 -4.21 0.00	42.38 -6.56 0.00	39.10 -7.65 -0.66	46.49 -9.57 -0.07	52.58 -10.53 -0.06	53.89 -10.25 -0.08	53.68 -10.21 -0.08	51.93 -10.39 -0.08	50.84 -10.32 -0.08	48.69 -9.88 -0.09	48.14 -9.84 -0.09	48.22 -9.86 -0.09	46.72 -9.62 -0.08	49.31 -9.94 -0.07	50.04 -10.23 -0.08	54.15 -10.53 -0.09	51.67 -10.57 -0.08	43.80 -6.06 -1.01	43.49 -5.83 -0.34
DUNKIRK___4 23566	46.77 -5.02 0.00	40.28 -4.78 0.00	38.18 -4.48 0.00	38.04 -4.04 0.00	38.39 -4.27 0.00	40.07 -4.21 0.00	42.38 -6.56 0.00	39.10 -7.65 -0.66	46.49 -9.57 -0.07	52.58 -10.53 -0.06	53.89 -10.25 -0.08	53.68 -10.21 -0.08	51.93 -10.39 -0.08	50.84 -10.32 -0.08	48.69 -9.88 -0.09	48.14 -9.84 -0.09	48.22 -9.86 -0.09	46.72 -9.62 -0.08	49.31 -9.94 -0.07	50.04 -10.23 -0.08	54.15 -10.53 -0.09	51.67 -10.57 -0.08	43.80 -6.06 -1.01	43.49 -5.83 -0.34
EAST HAMPTON___GT 23717	75.15 9.12 -14.25	72.47 7.84 -19.57	66.84 7.17 -17.02	49.04 6.94 -0.02	49.84 7.17 -0.02	65.11 7.57 -13.26	69.89 8.81 -12.14	77.72 7.84 -23.79	82.52 8.62 -17.90	86.90 9.14 -14.71	92.30 9.55 -18.69	92.83 9.25 -19.77	91.99 9.21 -20.55	89.21 8.74 -19.39	88.61 8.36 -21.76	86.83 7.93 -21.00	87.18 8.00 -21.19	84.58 7.82 -20.50	84.72 8.64 -16.89	89.19 9.15 -19.85	98.75 10.53 -23.64	90.00 9.51 -18.33	83.14 7.72 -26.57	76.25 8.23 -19.04
EAST RIVER___6 23660	57.90 6.11 0.00	50.15 5.09 0.00	47.22 4.56 0.00	46.42 4.33 0.00	47.13 4.48 0.00	49.01 4.74 0.00	54.62 5.68 0.00	68.42 4.98 -17.35	80.06 6.16 -17.90	84.94 7.19 -14.71	90.25 7.50 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.27 6.37 -21.00	85.67 6.50 -21.19	83.00 6.24 -20.50	82.64 6.57 -16.89	86.91 6.86 -19.85	95.77 7.56 -23.64	87.52 7.02 -18.33	81.08 5.67 -26.56	63.84 5.78 -9.09
EAST RIVER___7 23524	57.90 6.11 0.00	50.15 5.09 0.00	47.22 4.56 0.00	46.42 4.33 0.00	47.13 4.48 0.00	49.01 4.74 0.00	54.62 5.68 0.00	68.42 4.98 -17.35	80.06 6.16 -17.90	84.94 7.19 -14.71	90.25 7.50 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.27 6.37 -21.00	85.67 6.50 -21.19	83.00 6.24 -20.50	82.64 6.57 -16.89	86.91 6.86 -19.85	95.77 7.56 -23.64	87.52 7.02 -18.33	81.08 5.67 -26.56	63.84 5.78 -9.09
EAST_HAMPTON___DIESEL 23722	75.15 9.12 -14.25	72.47 7.84 -19.57	66.84 7.17 -17.02	49.04 6.94 -0.02	49.84 7.17 -0.02	65.11 7.57 -13.26	69.89 8.81 -12.14	77.72 7.84 -23.79	82.52 8.62 -17.90	86.90 9.14 -14.71	92.30 9.55 -18.69	92.83 9.25 -19.77	91.99 9.21 -20.55	89.21 8.74 -19.39	88.61 8.36 -21.76	86.83 7.93 -21.00	87.18 8.00 -21.19	84.58 7.82 -20.50	84.72 8.64 -16.89	89.19 9.15 -19.85	98.75 10.53 -23.64	90.00 9.51 -18.33	83.14 7.72 -26.57	76.25 8.23 -19.04
EAST_RIVER___1 323558	57.69 5.90 0.00	49.92 4.87 0.00	47.01 4.35 0.00	46.21 4.12 0.00	46.92 4.27 0.00	48.84 4.56 0.00	54.47 5.53 0.00	68.28 4.84 -17.35	79.89 5.99 -17.90	84.75 7.00 -14.71	89.99 7.24 -18.69	90.53 6.95 -19.77	89.50 6.72 -20.55	87.01 6.54 -19.39	86.56 6.32 -21.76	85.04 6.14 -21.00	85.44 6.26 -21.19	82.77 6.02 -20.50	82.41 6.33 -16.89	86.55 6.50 -19.85	95.45 7.23 -23.64	87.14 6.65 -18.33	80.83 5.42 -26.56	63.60 5.53 -9.09
EAST_RIVER___2 323559	57.90 6.11 0.00	50.15 5.09 0.00	47.22 4.56 0.00	46.42 4.33 0.00	47.13 4.48 0.00	49.01 4.74 0.00	54.62 5.68 0.00	68.42 4.98 -17.35	80.06 6.16 -17.90	84.94 7.19 -14.71	90.25 7.50 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.27 6.37 -21.00	85.67 6.50 -21.19	83.00 6.24 -20.50	82.64 6.57 -16.89	86.91 6.86 -19.85	95.77 7.56 -23.64	87.52 7.02 -18.33	81.08 5.67 -26.56	63.84 5.78 -9.09
ELEC_TRO_TEK 24086	72.35 6.32 -14.24	69.85 5.23 -19.57	64.41 4.73 -17.02	46.73 4.63 -0.02	47.41 4.73 -0.02	62.54 5.00 -13.26	67.05 5.97 -12.14	75.14 5.25 -23.79	80.11 6.22 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.34 6.76 -19.77	89.44 6.66 -20.55	86.95 6.48 -19.39	86.44 6.20 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.61 5.85 -20.50	82.53 6.45 -16.89	86.85 6.80 -19.85	95.97 7.75 -23.64	87.33 6.84 -18.33	81.18 5.76 -26.57	73.94 5.93 -19.04
E_CANADA_CAP_HY 24051	51.95 0.16 0.00	45.42 0.36 0.00	42.87 0.21 0.00	42.25 0.17 0.00	42.83 0.17 0.00	44.32 0.04 0.00	49.58 0.64 0.00	45.63 -0.46 0.00	55.49 -0.50 0.00	62.35 -0.69 0.00	63.36 -0.70 0.00	63.17 -0.64 0.00	61.55 -0.68 0.00	60.54 -0.55 0.00	58.02 -0.47 0.00	57.44 -0.46 0.00	57.64 -0.35 0.00	55.86 -0.39 0.00	58.59 -0.59 0.00	59.96 -0.24 0.00	64.38 -0.19 0.00	61.48 -0.68 0.00	48.46 -0.39 0.00	49.08 0.10 0.00
E_CANADA_MHWK_HY 24050	54.64 2.85 0.00	47.40 2.34 0.00	44.83 2.18 0.00	44.23 2.15 0.00	44.87 2.22 0.00	46.76 2.48 0.00	51.88 2.94 0.00	48.95 2.86 0.00	59.69 3.70 0.00	67.39 4.35 0.00	68.68 4.61 0.00	68.27 4.47 0.00	66.47 4.23 0.00	65.06 3.97 0.00	62.17 3.68 0.00	61.43 3.53 0.00	61.53 3.54 0.00	59.75 3.49 0.00	62.92 3.73 0.00	63.99 3.79 0.00	69.03 4.46 0.00	66.45 4.29 0.00	51.83 2.98 0.00	51.72 2.74 0.00
E_FISHKILL___LBMP 23776	56.45 4.66 0.00	48.93 3.87 0.00	46.11 3.46 0.00	45.36 3.28 0.00	46.07 3.41 0.00	47.95 3.67 0.00	53.39 4.45 0.00	67.68 3.87 -17.72	79.09 4.82 -18.29	83.68 5.61 -15.03	88.98 5.83 -19.09	89.49 5.49 -20.19	88.63 5.41 -20.98	86.14 5.25 -19.80	85.74 5.03 -22.22	84.27 4.92 -21.45	84.67 5.05 -21.64	82.03 4.84 -20.94	81.53 5.09 -17.25	85.70 5.24 -20.27	94.66 5.94 -24.15	86.17 5.28 -18.72	80.28 4.30 -27.13	62.62 4.36 -9.28
FAR ROCKAWAY___4 23548	73.07 7.04 -14.24	70.48 5.86 -19.57	65.01 5.33 -17.02	47.36 5.26 -0.02	48.05 5.37 -0.02	63.20 5.67 -13.26	67.79 6.70 -12.14	75.60 5.72 -23.79	80.45 6.55 -17.90	84.56 6.81 -14.71	89.87 7.11 -18.69	90.47 6.89 -19.77	89.56 6.78 -20.55	87.13 6.66 -19.39	86.50 6.26 -21.76	84.86 5.96 -21.00	85.27 6.09 -21.19	82.83 6.08 -20.50	82.82 6.75 -16.89	87.09 7.04 -19.85	96.29 8.07 -23.64	87.52 7.02 -18.33	81.43 6.01 -26.57	74.48 6.47 -19.04
FARRAGUT___LBMP 323566	57.59 5.80 0.00	49.83 4.78 0.00	46.92 4.27 0.00	46.16 4.08 0.00	46.88 4.22 0.00	48.79 4.52 0.00	54.42 5.48 0.00	68.24 4.79 -17.35	79.78 5.88 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.38 6.60 -20.55	86.89 6.41 -19.39	86.44 6.20 -21.76	84.92 6.02 -21.00	85.38 6.21 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.39 7.17 -23.64	87.02 6.53 -18.33	80.74 5.32 -26.56	63.50 5.44 -9.09



FENNER___WINDPWR 24204	51.17 -0.62 0.00	44.47 -0.59 0.00	42.10 -0.55 0.00	41.58 -0.50 0.00	42.10 -0.55 0.00	43.79 -0.49 0.00	48.79 -0.15 0.00	45.81 -0.28 0.00	55.66 -0.34 0.00	62.79 -0.25 0.00	63.88 -0.19 0.00	63.49 -0.32 0.00	61.86 -0.37 0.00	60.66 -0.43 0.00	58.02 -0.47 0.00	57.44 -0.46 0.00	57.53 -0.46 0.00	55.81 -0.45 0.00	58.71 -0.47 0.00	59.78 -0.42 0.00	64.38 -0.19 0.00	61.85 -0.31 0.00	48.26 -0.59 0.00	48.34 -0.64 0.00
FIBERTEK___ENERGY 23856	50.75 -1.04 0.00	44.06 -0.99 0.00	41.72 -0.94 0.00	41.20 -0.88 0.00	41.72 -0.94 0.00	43.39 -0.89 0.00	48.26 -0.69 0.00	45.40 -0.69 0.00	55.21 -0.78 0.00	62.28 -0.76 0.00	63.36 -0.70 0.00	63.04 -0.77 0.00	61.43 -0.81 0.00	60.23 -0.86 0.00	57.67 -0.82 0.00	57.03 -0.87 0.00	57.12 -0.87 0.00	55.41 -0.84 0.00	58.30 -0.89 0.00	59.29 -0.90 0.00	63.87 -0.71 0.00	61.42 -0.75 0.00	47.82 -1.03 0.00	47.85 -1.13 0.00
FITZPATRICK___ 23598	50.13 -1.66 0.00	43.52 -1.53 0.00	41.21 -1.45 0.00	40.69 -1.39 0.00	41.25 -1.41 0.00	42.86 -1.42 0.00	47.47 -1.47 0.00	44.57 -1.52 0.00	54.20 -1.79 0.00	61.09 -1.95 0.00	62.15 -1.92 0.00	61.83 -1.98 0.00	60.24 -1.99 0.00	59.13 -1.95 0.00	56.56 -1.93 0.00	55.99 -1.91 0.00	56.08 -1.91 0.00	54.40 -1.86 0.00	57.23 -1.95 0.00	58.21 -1.99 0.00	62.58 -2.00 0.00	60.11 -2.05 0.00	47.14 -1.71 0.00	47.17 -1.81 0.00
FORT ORANGE___ 23900	54.95 3.16 0.00	47.80 2.75 0.00	45.09 2.43 0.00	44.40 2.31 0.00	45.13 2.47 0.00	46.76 2.48 0.00	51.88 2.94 0.00	49.80 2.35 -1.36	60.53 3.14 -1.40	67.85 3.66 -1.15	69.31 3.78 -1.46	68.86 3.51 -1.55	67.39 3.55 -1.61	66.02 3.42 -1.52	63.40 3.22 -1.70	62.73 3.18 -1.64	62.84 3.19 -1.66	60.95 3.09 -1.60	63.76 3.26 -1.32	65.24 3.49 -1.55	70.43 4.00 -1.85	66.89 3.29 -1.43	53.61 2.69 -2.08	52.58 2.89 -0.71
FORT_DRUM_COGEN 23780	49.10 -2.69 0.00	42.80 -2.25 0.00	40.52 -2.13 0.00	40.02 -2.06 0.00	40.48 -2.18 0.00	42.24 -2.04 0.00	47.47 -1.47 0.00	44.57 -1.52 0.00	53.81 -2.18 0.00	60.08 -2.96 0.00	60.99 -3.08 0.00	60.87 -2.94 0.00	59.43 -2.80 0.00	58.34 -2.75 0.00	55.91 -2.57 0.00	55.70 -2.20 0.00	55.44 -2.55 0.00	53.73 -2.53 0.00	56.23 -2.96 0.00	57.19 -3.01 0.00	61.54 -3.04 0.00	59.18 -2.98 0.00	46.85 -2.00 0.00	46.58 -2.40 0.00
FPL_FAR_ROCK_GT1 24212	73.07 7.04 -14.24	70.48 5.86 -19.57	65.01 5.33 -17.02	47.36 5.26 -0.02	48.05 5.37 -0.02	63.20 5.67 -13.26	67.79 6.70 -12.14	75.60 5.72 -23.79	80.45 6.55 -17.90	84.56 6.81 -14.71	89.87 7.11 -18.69	90.47 6.89 -19.77	89.56 6.78 -20.55	87.13 6.66 -19.39	86.50 6.26 -21.76	84.86 5.96 -21.00	85.27 6.09 -21.19	82.83 6.08 -20.50	82.82 6.75 -16.89	87.09 7.04 -19.85	96.29 8.07 -23.64	87.52 7.02 -18.33	81.43 6.01 -26.57	74.48 6.47 -19.04
FPL_FAR_ROCK_GT2 23815	73.07 7.04 -14.24	70.48 5.86 -19.57	65.01 5.33 -17.02	47.36 5.26 -0.02	48.05 5.37 -0.02	63.20 5.67 -13.26	67.79 6.70 -12.14	75.60 5.72 -23.79	80.45 6.55 -17.90	84.56 6.81 -14.71	89.87 7.11 -18.69	90.47 6.89 -19.77	89.56 6.78 -20.55	87.13 6.66 -19.39	86.50 6.26 -21.76	84.86 5.96 -21.00	85.27 6.09 -21.19	82.83 6.08 -20.50	82.82 6.75 -16.89	87.09 7.04 -19.85	96.29 8.07 -23.64	87.52 7.02 -18.33	81.43 6.01 -26.57	74.48 6.47 -19.04
FRANKLIN_FALL_HYD 24054	49.25 -2.54 0.00	42.98 -2.07 0.00	40.82 -1.83 0.00	40.27 -1.81 0.00	40.78 -1.88 0.00	42.28 -1.99 0.00	46.59 -2.35 0.00	44.80 -1.29 0.00	53.98 -2.02 0.00	60.14 -2.90 0.00	60.93 -3.14 0.00	61.19 -2.62 0.00	59.81 -2.43 0.00	58.89 -2.20 0.00	56.44 -2.05 0.00	56.11 -1.79 0.00	55.90 -2.09 0.00	54.29 -1.97 0.00	56.94 -2.25 0.00	57.79 -2.41 0.00	61.61 -2.97 0.00	59.99 -2.18 0.00	47.53 -1.32 0.00	47.31 -1.67 0.00
FREEPORT_EQUS_GT1 23764	73.08 7.04 -14.24	70.53 5.90 -19.57	65.05 5.37 -17.02	47.36 5.26 -0.02	48.05 5.37 -0.02	63.20 5.67 -13.26	67.79 6.70 -12.14	75.88 5.99 -23.79	80.78 6.89 -17.90	85.13 7.38 -14.71	90.38 7.62 -18.69	90.91 7.34 -19.77	90.06 7.28 -20.55	87.50 7.02 -19.39	86.91 6.67 -21.76	85.27 6.37 -21.00	85.67 6.50 -21.19	83.06 6.30 -20.50	83.00 6.92 -16.89	87.39 7.34 -19.85	96.61 8.40 -23.64	87.95 7.46 -18.33	81.77 6.35 -26.57	74.58 6.56 -19.04
FULTON COGEN___ 23766	50.44 -1.35 0.00	43.79 -1.26 0.00	41.46 -1.19 0.00	40.95 -1.14 0.00	41.46 -1.19 0.00	43.08 -1.20 0.00	48.01 -0.93 0.00	45.12 -0.97 0.00	54.76 -1.23 0.00	61.72 -1.32 0.00	62.79 -1.28 0.00	62.47 -1.34 0.00	60.87 -1.37 0.00	59.68 -1.40 0.00	57.20 -1.29 0.00	56.63 -1.27 0.00	56.66 -1.33 0.00	55.02 -1.24 0.00	57.83 -1.36 0.00	58.81 -1.38 0.00	63.29 -1.29 0.00	60.92 -1.24 0.00	47.58 -1.27 0.00	47.46 -1.52 0.00
Freeport___CT2 23818	73.08 7.04 -14.24	70.53 5.90 -19.57	65.05 5.37 -17.02	47.36 5.26 -0.02	48.05 5.37 -0.02	63.20 5.67 -13.26	67.79 6.70 -12.14	75.88 5.99 -23.79	80.78 6.89 -17.90	85.13 7.38 -14.71	90.38 7.62 -18.69	90.91 7.34 -19.77	90.06 7.28 -20.55	87.50 7.02 -19.39	86.91 6.67 -21.76	85.27 6.37 -21.00	85.67 6.50 -21.19	83.06 6.30 -20.50	83.00 6.92 -16.89	87.39 7.34 -19.85	96.61 8.40 -23.64	87.95 7.46 -18.33	81.77 6.35 -26.57	74.58 6.56 -19.04
G.F.CEMENT___DRP 24184	54.48 2.69 0.00	47.44 2.39 0.00	44.75 2.09 0.00	44.10 2.02 0.00	44.83 2.18 0.00	46.36 2.08 0.00	52.07 3.13 0.00	49.24 2.49 -0.66	59.97 3.30 -0.68	67.38 3.78 -0.56	68.62 3.84 -0.71	68.51 3.96 -0.75	66.44 3.42 -0.78	65.43 3.60 -0.74	62.64 3.33 -0.82	62.06 3.36 -0.80	61.81 3.02 -0.80	60.07 3.04 -0.78	62.96 3.14 -0.64	64.56 3.61 -0.75	69.61 4.13 -0.90	65.78 2.92 -0.69	52.25 2.39 -1.01	51.87 2.55 -0.34
GARDENVILLE___LBMP 24039	47.85 -3.94 0.00	41.00 -4.05 0.00	39.07 -3.58 0.00	38.88 -3.20 0.00	39.20 -3.46 0.00	40.91 -3.37 0.00	42.48 -6.46 0.00	38.92 -7.74 -0.58	46.08 -9.74 0.17	52.31 -10.59 0.14	53.45 -10.44 0.18	53.22 -10.40 0.19	51.46 -10.58 0.20	50.46 -10.45 0.18	48.22 -10.06 0.21	47.86 -9.84 0.20	47.81 -9.97 0.20	46.27 -9.79 0.20	48.79 -10.24 0.16	49.65 -10.35 0.19	53.69 -10.66 0.23	51.05 -10.94 0.17	43.77 -5.96 -0.88	43.79 -5.49 -0.30
GENERAL___MILLS 23808	48.01 -3.78 0.00	41.05 -4.01 0.00	39.16 -3.50 0.00	38.97 -3.11 0.00	39.29 -3.37 0.00	41.00 -3.28 0.00	42.53 -6.41 0.00	38.92 -7.74 -0.58	46.20 -9.74 0.05	52.41 -10.59 0.04	53.58 -10.44 0.05	53.36 -10.40 0.05	51.60 -10.58 0.05	50.59 -10.45 0.05	48.31 -10.12 0.06	48.00 -9.84 0.05	47.90 -10.03 0.06	46.42 -9.79 0.05	48.90 -10.24 0.04	49.79 -10.35 0.05	53.86 -10.66 0.06	51.18 -10.94 0.05	43.82 -5.91 -0.88	43.89 -5.39 -0.30
GE_PLASTICS___DRP 24183	54.22 2.43 0.00	47.13 2.07 0.00	44.49 1.83 0.00	43.85 1.77 0.00	44.53 1.88 0.00	45.96 1.68 0.00	50.85 1.91 0.00	47.38 1.29 0.00	57.78 1.79 0.00	65.18 2.14 0.00	66.31 2.24 0.00	65.79 1.98 0.00	64.23 1.99 0.00	63.04 1.95 0.00	60.30 1.81 0.00	59.70 1.79 0.00	59.79 1.80 0.00	58.00 1.74 0.00	61.02 1.83 0.00	62.18 1.99 0.00	66.97 2.39 0.00	63.97 1.80 0.00	50.46 1.61 0.00	50.89 1.91 0.00
GILBOA___I 23756	54.02 2.23 0.00	47.04 1.98 0.00	44.40 1.75 0.00	43.77 1.68 0.00	44.40 1.75 0.00	46.14 1.86 0.00	51.19 2.25 0.00	46.64 1.66 1.11	57.03 2.18 1.15	64.62 2.52 0.94	65.56 2.69 1.20	64.97 2.42 1.26	63.35 2.43 1.31	62.17 2.32 1.24	59.32 2.22 1.39	58.76 2.20 1.34	58.84 2.20 1.36	57.08 2.14 1.31	60.35 2.25 1.08	61.27 2.35 1.27	65.84 2.78 1.51	63.29 2.30 1.17	49.06 1.91 1.70	50.40 2.01 0.58



GILBOA___2 23757	54.02 2.23 0.00	47.04 1.98 0.00	44.40 1.75 0.00	43.77 1.68 0.00	44.40 1.75 0.00	46.14 1.86 0.00	51.19 2.25 0.00	46.64 1.66 1.11	57.03 2.18 1.15	64.62 2.52 0.94	65.56 2.69 1.20	64.97 2.42 1.26	63.35 2.43 1.31	62.17 2.32 1.24	59.32 2.22 1.39	58.76 2.20 1.34	58.84 2.20 1.36	57.08 2.14 1.31	60.35 2.25 1.08	61.27 2.35 1.27	65.84 2.78 1.51	63.29 2.30 1.17	49.06 1.91 1.70	50.40 2.01 0.58
GILBOA___3 23758	54.02 2.23 0.00	47.04 1.98 0.00	44.40 1.75 0.00	43.77 1.68 0.00	44.40 1.75 0.00	46.14 1.86 0.00	51.19 2.25 0.00	46.64 1.66 1.11	57.03 2.18 1.15	64.62 2.52 0.94	65.56 2.69 1.20	64.97 2.42 1.26	63.35 2.43 1.31	62.17 2.32 1.24	59.32 2.22 1.39	58.76 2.20 1.34	58.84 2.20 1.36	57.08 2.14 1.31	60.35 2.25 1.08	61.27 2.35 1.27	65.84 2.78 1.51	63.29 2.30 1.17	49.06 1.91 1.70	50.40 2.01 0.58
GILBOA___4 23759	54.02 2.23 0.00	47.04 1.98 0.00	44.40 1.75 0.00	43.77 1.68 0.00	44.40 1.75 0.00	46.14 1.86 0.00	51.19 2.25 0.00	46.64 1.66 1.11	57.03 2.18 1.15	64.62 2.52 0.94	65.56 2.69 1.20	64.97 2.42 1.26	63.35 2.43 1.31	62.17 2.32 1.24	59.32 2.22 1.39	58.76 2.20 1.34	58.84 2.20 1.36	57.08 2.14 1.31	60.35 2.25 1.08	61.27 2.35 1.27	65.84 2.78 1.51	63.29 2.30 1.17	49.06 1.91 1.70	50.40 2.01 0.58
GILBOA____ 23599	54.02 2.23 0.00	47.04 1.98 0.00	44.40 1.75 0.00	43.77 1.68 0.00	44.40 1.75 0.00	46.14 1.86 0.00	51.19 2.25 0.00	46.64 1.66 1.11	57.03 2.18 1.15	64.62 2.52 0.94	65.56 2.69 1.20	64.97 2.42 1.26	63.35 2.43 1.31	62.17 2.32 1.24	59.32 2.22 1.39	58.76 2.20 1.34	58.84 2.20 1.36	57.08 2.14 1.31	60.35 2.25 1.08	61.27 2.35 1.27	65.84 2.78 1.51	63.29 2.30 1.17	49.06 1.91 1.70	50.40 2.01 0.58
GINNA____ 23603	47.91 -3.88 0.00	41.45 -3.60 0.00	39.50 -3.16 0.00	39.14 -2.95 0.00	39.54 -3.11 0.00	41.22 -3.06 0.00	45.71 -3.23 0.00	43.37 -3.13 -0.41	53.06 -3.36 -0.42	59.92 -3.47 -0.35	61.18 -3.33 -0.44	60.96 -3.32 -0.47	59.17 -3.55 -0.49	58.00 -3.54 -0.46	55.55 -3.45 -0.52	55.04 -3.36 -0.50	55.01 -3.48 -0.50	53.37 -3.38 -0.49	55.92 -3.67 -0.40	57.00 -3.67 -0.47	61.52 -3.62 -0.56	58.74 -3.85 -0.43	45.57 -3.91 -0.63	44.69 -4.51 -0.22
GLEN PARK____ 23778	49.25 -2.54 0.00	42.89 -2.16 0.00	40.65 -2.00 0.00	40.10 -1.98 0.00	40.61 -2.05 0.00	42.33 -1.95 0.00	47.57 -1.37 0.00	44.66 -1.43 0.00	53.98 -2.02 0.00	60.33 -2.71 0.00	61.31 -2.75 0.00	61.06 -2.74 0.00	59.62 -2.61 0.00	58.46 -2.63 0.00	56.03 -2.46 0.00	55.76 -2.14 0.00	55.56 -2.44 0.00	53.89 -2.36 0.00	56.40 -2.78 0.00	57.37 -2.83 0.00	61.74 -2.84 0.00	59.43 -2.74 0.00	46.90 -1.95 0.00	46.68 -2.30 0.00
GLENWOOD_IC_1_G5 23712	72.25 6.21 -14.24	69.81 5.18 -19.57	64.37 4.69 -17.02	46.60 4.50 -0.02	47.32 4.65 -0.02	62.50 4.96 -13.26	67.00 5.92 -12.14	75.14 5.25 -23.79	80.17 6.27 -17.90	84.81 7.06 -14.71	89.93 7.18 -18.69	90.47 6.89 -19.77	89.56 6.78 -20.55	87.19 6.72 -19.39	86.68 6.43 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.83 6.08 -20.50	82.64 6.57 -16.89	86.79 6.74 -19.85	95.90 7.68 -23.64	87.33 6.84 -18.33	81.13 5.72 -26.57	73.85 5.83 -19.04
GLENWOOD_IC_2_G1 23688	71.88 5.85 -14.24	69.49 4.87 -19.57	64.07 4.39 -17.02	46.31 4.21 -0.02	47.02 4.35 -0.02	62.19 4.65 -13.26	66.66 5.58 -12.14	74.77 4.89 -23.79	79.83 5.94 -17.90	84.50 6.75 -14.71	89.74 6.98 -18.69	90.21 6.64 -19.77	89.32 6.53 -20.55	86.83 6.35 -19.39	86.33 6.08 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.55 5.79 -20.50	82.29 6.21 -16.89	86.48 6.44 -19.85	95.52 7.30 -23.64	87.08 6.59 -18.33	80.84 5.42 -26.57	73.50 5.49 -19.04
GLENWOOD_IC_3_G1 23689	71.88 5.85 -14.24	69.49 4.87 -19.57	64.07 4.39 -17.02	46.31 4.21 -0.02	47.02 4.35 -0.02	62.19 4.65 -13.26	66.66 5.58 -12.14	74.77 4.89 -23.79	79.83 5.94 -17.90	84.50 6.75 -14.71	89.74 6.98 -18.69	90.21 6.64 -19.77	89.32 6.53 -20.55	86.83 6.35 -19.39	86.33 6.08 -21.76	84.81 5.91 -21.00	85.21 6.03 -21.19	82.55 5.79 -20.50	82.29 6.21 -16.89	86.48 6.44 -19.85	95.52 7.30 -23.64	87.08 6.59 -18.33	80.84 5.42 -26.57	73.50 5.49 -19.04
GLENWOOD___4 23550	72.25 6.21 -14.24	69.81 5.18 -19.57	64.37 4.69 -17.02	46.60 4.50 -0.02	47.32 4.65 -0.02	62.50 4.96 -13.26	67.00 5.92 -12.14	75.14 5.25 -23.79	80.17 6.27 -17.90	84.81 7.06 -14.71	89.99 7.24 -18.69	90.53 6.95 -19.77	89.63 6.85 -20.55	87.19 6.72 -19.39	86.68 6.43 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.83 6.08 -20.50	82.64 6.57 -16.89	86.85 6.80 -19.85	95.90 7.68 -23.64	87.39 6.90 -18.33	81.18 5.76 -26.57	73.85 5.83 -19.04
GLENWOOD___5 23614	72.25 6.21 -14.24	69.81 5.18 -19.57	64.37 4.69 -17.02	46.60 4.50 -0.02	47.32 4.65 -0.02	62.50 4.96 -13.26	67.00 5.92 -12.14	75.14 5.25 -23.79	80.17 6.27 -17.90	84.81 7.06 -14.71	89.99 7.24 -18.69	90.53 6.95 -19.77	89.63 6.85 -20.55	87.19 6.72 -19.39	86.68 6.43 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.83 6.08 -20.50	82.64 6.57 -16.89	86.85 6.80 -19.85	95.90 7.68 -23.64	87.39 6.90 -18.33	81.18 5.76 -26.57	73.85 5.83 -19.04
GLOBAL GREEN_PORT_GT1 23814	75.15 9.12 -14.25	72.42 7.79 -19.57	66.80 7.12 -17.02	49.04 6.94 -0.02	49.80 7.12 -0.02	65.06 7.53 -13.26	69.84 8.76 -12.14	77.67 7.79 -23.79	82.52 8.62 -17.90	86.83 9.08 -14.71	92.24 9.48 -18.69	92.76 9.19 -19.77	91.93 9.15 -20.55	89.21 8.74 -19.39	88.55 8.30 -21.76	86.83 7.93 -21.00	87.18 8.00 -21.19	84.58 7.82 -20.50	84.72 8.64 -16.89	89.19 9.15 -19.85	98.75 10.53 -23.64	90.00 9.51 -18.33	83.09 7.67 -26.57	76.25 8.23 -19.04
GOETHSLN___LBMP 323567	57.69 5.90 0.00	49.83 4.78 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.79 4.52 0.00	54.42 5.48 0.00	68.24 4.79 -17.35	79.78 5.88 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.25 6.47 -20.55	86.71 6.23 -19.39	86.38 6.14 -21.76	84.92 6.02 -21.00	85.38 6.21 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.36 6.32 -19.85	95.19 6.97 -23.64	87.02 6.53 -18.33	80.78 5.37 -26.56	63.55 5.49 -9.09
GOUDEY___7 23579	50.60 -1.19 0.00	43.97 -1.08 0.00	41.55 -1.11 0.00	41.11 -0.97 0.00	41.67 -0.98 0.00	43.35 -0.93 0.00	47.96 -0.98 0.00	45.90 -1.38 -1.19	55.60 -1.68 -1.29	62.27 -1.83 -1.06	63.81 -1.60 -1.35	63.51 -1.72 -1.42	61.91 -1.80 -1.48	60.59 -1.89 -1.40	58.24 -1.81 -1.57	57.50 -1.91 -1.51	57.66 -1.86 -1.53	55.93 -1.80 -1.48	58.63 -1.78 -1.22	59.76 -1.87 -1.43	64.67 -1.61 -1.70	61.74 -1.74 -1.32	49.55 -1.12 -1.83	48.38 -1.22 -0.62
GOUDEY___8 23580	50.65 -1.14 0.00	44.02 -1.04 0.00	41.55 -1.11 0.00	41.11 -0.97 0.00	41.67 -0.98 0.00	43.35 -0.93 0.00	47.96 -0.98 0.00	45.90 -1.38 -1.19	55.60 -1.68 -1.29	62.27 -1.83 -1.06	63.81 -1.60 -1.35	63.51 -1.72 -1.42	61.91 -1.80 -1.48	60.59 -1.89 -1.40	58.30 -1.75 -1.57	57.50 -1.91 -1.51	57.72 -1.80 -1.53	55.93 -1.80 -1.48	58.69 -1.72 -1.22	59.76 -1.87 -1.43	64.67 -1.61 -1.70	61.74 -1.74 -1.32	49.60 -1.07 -1.83	48.43 -1.18 -0.62
GOWANUS_GT1_1 24077	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09



GOWANUS_GT1_2 24078	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT1_3 24079	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT1_4 24080	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT1_5 24084	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT1_6 24111	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT1_7 24112	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT1_8 24113	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT2_1 24114	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT2_2 24115	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT2_3 24116	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT2_4 24117	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT2_5 24118	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT2_6 24119	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT2_7 24120	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT2_8 24121	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT3_1 24122	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09



GOWANUS_GT3_2 24123	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT3_3 24124	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT3_4 24125	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT3_5 24126	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT3_6 24127	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT3_7 24128	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT3_8 24129	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT4_1 24130	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT4_2 24131	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT4_3 24132	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT4_4 24133	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT4_5 24134	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT4_6 24135	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT4_7 24136	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GOWANUS_GT4_8 24137	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
GRAHMSVILLE__HY 23607	55.26 3.47 0.00	47.94 2.88 0.00	45.26 2.60 0.00	44.56 2.48 0.00	45.22 2.56 0.00	47.07 2.79 0.00	52.46 3.52 0.00	61.52 3.13 -12.30	72.71 4.03 -12.69	78.13 4.67 -10.42	82.24 4.93 -13.24	82.54 4.72 -14.01	81.40 4.61 -14.56	79.28 4.46 -13.74	78.11 4.21 -15.42	76.89 4.11 -14.88	77.24 4.23 -15.01	74.72 3.94 -14.52	75.35 4.20 -11.97	78.53 4.27 -14.06	86.24 4.91 -16.75	79.87 4.72 -12.99	71.09 3.42 -18.82	58.75 3.33 -6.44



GREENIDGE___3 23582	48.53 -3.26 0.00	41.90 -3.15 0.00	39.63 -3.03 0.00	39.30 -2.78 0.00	39.76 -2.90 0.00	41.44 -2.83 0.00	45.81 -3.13 0.00	43.47 -3.32 -0.70	52.92 -4.03 -0.96	59.48 -4.35 -0.79	60.97 -4.10 -1.00	60.66 -4.21 -1.06	59.04 -4.29 -1.10	57.73 -4.40 -1.04	55.44 -4.21 -1.17	54.74 -4.28 -1.13	54.89 -4.23 -1.14	53.19 -4.16 -1.10	55.83 -4.26 -0.91	56.87 -4.39 -1.06	61.58 -4.26 -1.27	58.67 -4.48 -0.98	46.45 -3.47 -1.07	45.67 -3.67 -0.37
GREENIDGE___4 23583	48.53 -3.26 0.00	41.90 -3.15 0.00	39.63 -3.03 0.00	39.30 -2.78 0.00	39.76 -2.90 0.00	41.44 -2.83 0.00	45.81 -3.13 0.00	43.47 -3.32 -0.70	52.92 -4.03 -0.96	59.48 -4.35 -0.79	60.97 -4.10 -1.00	60.66 -4.21 -1.06	59.04 -4.29 -1.10	57.73 -4.40 -1.04	55.44 -4.21 -1.17	54.74 -4.28 -1.13	54.89 -4.23 -1.14	53.19 -4.16 -1.10	55.83 -4.26 -0.91	56.87 -4.39 -1.06	61.58 -4.26 -1.27	58.67 -4.48 -0.98	46.45 -3.47 -1.07	45.67 -3.67 -0.37
HARZA MOOSE___RIVER 24016	51.32 -0.47 0.00	44.65 -0.41 0.00	42.31 -0.34 0.00	41.75 -0.34 0.00	42.27 -0.38 0.00	44.01 -0.27 0.00	48.99 0.05 0.00	46.00 -0.09 0.00	55.82 -0.17 0.00	62.66 -0.38 0.00	63.68 -0.38 0.00	63.42 -0.37 0.00	61.86 -0.43 0.00	60.66 -0.35 0.00	58.13 -0.29 0.00	57.61 -0.41 0.00	57.59 -0.39 0.00	55.86 -0.47 0.00	58.71 -0.47 0.00	59.72 -0.48 0.00	64.25 -0.32 0.00	61.85 -0.31 0.00	48.56 -0.29 0.00	48.59 -0.39 0.00
HEMPSTEAD___ 23647	72.56 6.53 -14.24	70.08 5.45 -19.57	64.63 4.95 -17.02	46.94 4.84 -0.02	47.62 4.95 -0.02	62.76 5.22 -13.26	67.30 6.22 -12.14	75.42 5.53 -23.79	80.34 6.44 -17.90	84.81 7.06 -14.71	90.06 7.30 -18.69	90.59 7.02 -19.77	89.69 6.91 -20.55	87.19 6.72 -19.39	86.68 6.43 -21.76	85.04 6.14 -21.00	85.44 6.26 -21.19	82.83 6.08 -20.50	82.70 6.63 -16.89	86.97 6.92 -19.85	96.16 7.94 -23.64	87.52 7.02 -18.33	81.33 5.91 -26.57	74.14 6.12 -19.04
HICKLING___1 23621	49.56 -2.23 0.00	42.98 -2.07 0.00	40.48 -2.18 0.00	40.19 -1.89 0.00	40.69 -1.96 0.00	42.46 -1.82 0.00	46.89 -2.06 0.00	44.36 -2.67 -0.95	53.82 -3.30 -1.13	60.44 -3.53 -0.93	62.11 -3.14 -1.18	61.74 -3.32 -1.25	60.11 -3.42 -1.30	58.71 -3.60 -1.23	56.47 -3.39 -1.38	55.58 -3.65 -1.33	55.85 -3.48 -1.34	54.13 -3.43 -1.30	56.94 -3.31 -1.07	57.78 -3.67 -1.26	62.78 -3.29 -1.50	60.40 -2.92 -1.16	48.25 -2.05 -1.45	47.17 -2.30 -0.50
HICKLING___2 23622	49.56 -2.23 0.00	42.98 -2.07 0.00	40.48 -2.18 0.00	40.23 -1.85 0.00	40.74 -1.92 0.00	42.46 -1.82 0.00	46.89 -2.06 0.00	44.36 -2.67 -0.95	53.82 -3.30 -1.13	60.44 -3.53 -0.93	62.11 -3.14 -1.18	61.81 -3.25 -1.25	60.11 -3.42 -1.30	58.71 -3.60 -1.23	56.47 -3.39 -1.38	55.58 -3.65 -1.33	55.85 -3.48 -1.34	54.13 -3.43 -1.30	56.94 -3.31 -1.07	57.84 -3.61 -1.26	62.78 -3.29 -1.50	60.40 -2.92 -1.16	48.25 -2.05 -1.45	47.17 -2.30 -0.50
HIGH FALLS___HY 23754	56.45 4.66 0.00	48.93 3.87 0.00	46.11 3.46 0.00	45.36 3.28 0.00	46.07 3.41 0.00	48.00 3.72 0.00	53.59 4.65 0.00	64.76 4.24 -14.43	76.26 5.38 -14.89	81.58 6.30 -12.24	86.21 6.60 -15.54	86.57 6.32 -16.44	85.49 6.16 -17.09	83.20 5.99 -16.13	82.31 5.73 -18.10	80.93 5.56 -17.47	81.30 5.68 -17.62	78.65 5.34 -17.05	78.86 5.62 -14.05	82.48 5.78 -16.51	90.83 6.59 -19.66	83.87 6.47 -15.24	75.58 4.64 -22.09	61.04 4.51 -7.56
HILLBURN___GT 23639	56.50 4.71 0.00	48.93 3.87 0.00	46.15 3.50 0.00	45.41 3.32 0.00	46.11 3.46 0.00	48.04 3.76 0.00	53.59 4.65 0.00	65.99 4.15 -15.75	77.45 5.21 -16.25	82.45 6.05 -13.35	87.37 6.34 -16.96	87.81 6.06 -17.94	86.79 5.91 -18.65	84.36 5.68 -17.60	83.73 5.50 -19.75	82.29 5.33 -19.06	82.67 5.45 -19.23	80.04 5.18 -18.60	80.02 5.50 -15.33	83.87 5.66 -18.01	92.43 6.39 -21.46	84.83 6.03 -16.63	77.50 4.54 -24.11	61.73 4.51 -8.25
HOLTSVILLE_IC_1 23690	73.65 7.61 -14.25	71.07 6.44 -19.57	65.61 5.93 -17.02	47.86 5.77 -0.02	48.56 5.89 -0.02	63.78 6.24 -13.26	68.42 7.34 -12.14	76.20 6.31 -23.79	80.73 6.83 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.81 7.03 -20.55	87.26 6.78 -19.39	86.73 6.49 -21.76	85.04 6.14 -21.00	85.38 6.21 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.21 7.16 -19.85	96.55 8.33 -23.64	87.77 7.27 -18.33	81.62 6.20 -26.57	74.83 6.81 -19.04
HOLTSVILLE_IC_10 23699	73.86 7.82 -14.25	71.34 6.71 -19.57	65.86 6.19 -17.02	48.07 5.98 -0.02	48.82 6.14 -0.02	64.05 6.51 -13.26	68.72 7.63 -12.14	76.48 6.59 -23.79	81.06 7.17 -17.90	85.26 7.50 -14.71	90.57 7.82 -18.69	91.04 7.47 -19.77	90.25 7.47 -20.55	87.62 7.15 -19.39	87.03 6.78 -21.76	85.33 6.43 -21.00	85.67 6.50 -21.19	83.11 6.36 -20.50	83.18 7.10 -16.89	87.57 7.52 -19.85	96.94 8.72 -23.64	88.14 7.65 -18.33	81.87 6.45 -26.57	75.07 7.05 -19.04
HOLTSVILLE_IC_2 23691	73.65 7.61 -14.25	71.07 6.44 -19.57	65.61 5.93 -17.02	47.86 5.77 -0.02	48.56 5.89 -0.02	63.78 6.24 -13.26	68.42 7.34 -12.14	76.20 6.31 -23.79	80.73 6.83 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.81 7.03 -20.55	87.26 6.78 -19.39	86.73 6.49 -21.76	85.04 6.14 -21.00	85.38 6.21 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.21 7.16 -19.85	96.55 8.33 -23.64	87.77 7.27 -18.33	81.62 6.20 -26.57	74.83 6.81 -19.04
HOLTSVILLE_IC_3 23692	73.65 7.61 -14.25	71.07 6.44 -19.57	65.61 5.93 -17.02	47.86 5.77 -0.02	48.56 5.89 -0.02	63.78 6.24 -13.26	68.42 7.34 -12.14	76.20 6.31 -23.79	80.73 6.83 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.81 7.03 -20.55	87.26 6.78 -19.39	86.73 6.49 -21.76	85.04 6.14 -21.00	85.38 6.21 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.21 7.16 -19.85	96.55 8.33 -23.64	87.77 7.27 -18.33	81.62 6.20 -26.57	74.83 6.81 -19.04
HOLTSVILLE_IC_4 23693	73.65 7.61 -14.25	71.07 6.44 -19.57	65.61 5.93 -17.02	47.86 5.77 -0.02	48.56 5.89 -0.02	63.78 6.24 -13.26	68.42 7.34 -12.14	76.20 6.31 -23.79	80.73 6.83 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.81 7.03 -20.55	87.26 6.78 -19.39	86.73 6.49 -21.76	85.04 6.14 -21.00	85.38 6.21 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.21 7.16 -19.85	96.55 8.33 -23.64	87.77 7.27 -18.33	81.62 6.20 -26.57	74.83 6.81 -19.04
HOLTSVILLE_IC_5 23694	73.65 7.61 -14.25	71.07 6.44 -19.57	65.61 5.93 -17.02	47.86 5.77 -0.02	48.56 5.89 -0.02	63.78 6.24 -13.26	68.42 7.34 -12.14	76.20 6.31 -23.79	80.73 6.83 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.81 7.03 -20.55	87.26 6.78 -19.39	86.73 6.49 -21.76	85.04 6.14 -21.00	85.38 6.21 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.21 7.16 -19.85	96.55 8.33 -23.64	87.77 7.27 -18.33	81.62 6.20 -26.57	74.83 6.81 -19.04
HOLTSVILLE_IC_6 23695	73.86 7.82 -14.25	71.34 6.71 -19.57	65.86 6.19 -17.02	48.07 5.98 -0.02	48.82 6.14 -0.02	64.05 6.51 -13.26	68.72 7.63 -12.14	76.48 6.59 -23.79	81.06 7.17 -17.90	85.26 7.50 -14.71	90.57 7.82 -18.69	91.04 7.47 -19.77	90.25 7.47 -20.55	87.62 7.15 -19.39	87.03 6.78 -21.76	85.33 6.43 -21.00	85.67 6.50 -21.19	83.11 6.36 -20.50	83.18 7.10 -16.89	87.57 7.52 -19.85	96.94 8.72 -23.64	88.14 7.65 -18.33	81.87 6.45 -26.57	75.07 7.05 -19.04
HOLTSVILLE_IC_7 23696	73.86 7.82 -14.25	71.34 6.71 -19.57	65.86 6.19 -17.02	48.07 5.98 -0.02	48.82 6.14 -0.02	64.05 6.51 -13.26	68.72 7.63 -12.14	76.48 6.59 -23.79	81.06 7.17 -17.90	85.26 7.50 -14.71	90.57 7.82 -18.69	91.04 7.47 -19.77	90.25 7.47 -20.55	87.62 7.15 -19.39	87.03 6.78 -21.76	85.33 6.43 -21.00	85.67 6.50 -21.19	83.11 6.36 -20.50	83.18 7.10 -16.89	87.57 7.52 -19.85	96.94 8.72 -23.64	88.14 7.65 -18.33	81.87 6.45 -26.57	75.07 7.05 -19.04



HOLTSVILLE_IC_8 23697	73.86 7.82 -14.25	71.34 6.71 -19.57	65.86 6.19 -17.02	48.07 5.98 -0.02	48.82 6.14 -0.02	64.05 6.51 -13.26	68.72 7.63 -12.14	76.48 6.59 -23.79	81.06 7.17 -17.90	85.26 7.50 -14.71	90.57 7.82 -18.69	91.04 7.47 -19.77	90.25 7.47 -20.55	87.62 7.15 -19.39	87.03 6.78 -21.76	85.33 6.43 -21.00	85.67 6.50 -21.19	83.11 6.36 -20.50	83.18 7.10 -16.89	87.57 7.52 -19.85	96.94 8.72 -23.64	88.14 7.65 -18.33	81.87 6.45 -26.57	75.07 7.05 -19.04
HOLTSVILLE_IC_9 23698	73.86 7.82 -14.25	71.34 6.71 -19.57	65.86 6.19 -17.02	48.07 5.98 -0.02	48.82 6.14 -0.02	64.05 6.51 -13.26	68.72 7.63 -12.14	76.48 6.59 -23.79	81.06 7.17 -17.90	85.26 7.50 -14.71	90.57 7.82 -18.69	91.04 7.47 -19.77	90.25 7.47 -20.55	87.62 7.15 -19.39	87.03 6.78 -21.76	85.33 6.43 -21.00	85.67 6.50 -21.19	83.11 6.36 -20.50	83.18 7.10 -16.89	87.57 7.52 -19.85	96.94 8.72 -23.64	88.14 7.65 -18.33	81.87 6.45 -26.57	75.07 7.05 -19.04
HQ_GEN_CEDARS 23644	49.98 -1.81 0.00	43.61 -1.44 0.00	41.38 -1.28 0.00	40.86 -1.22 0.00	41.33 -1.32 0.00	42.86 -1.42 0.00	47.23 -1.71 0.00	45.35 -0.74 0.00	54.76 -1.23 0.00	61.02 -2.02 0.00	61.89 -2.18 0.00	62.15 -1.66 0.00	60.74 -1.49 0.00	59.74 -1.34 0.00	57.26 -1.23 0.00	56.92 -0.98 0.00	56.72 -1.28 0.00	55.02 -1.24 0.00	57.77 -1.42 0.00	58.63 -1.57 0.00	62.51 -2.07 0.00	60.98 -1.18 0.00	48.17 -0.68 0.00	47.95 -1.03 0.00
HQ_GEN_CHAT DC 23651	44.05 -0.88 6.86	44.42 -0.63 0.00	42.14 -0.51 0.00	41.58 -0.50 0.00	42.10 -0.55 0.00	43.66 -0.62 0.00	46.02 -0.98 1.94	47.57 -0.46 -1.94	55.21 -0.78 0.00	61.97 -1.07 0.00	62.85 -1.22 0.00	62.85 -0.96 0.00	61.30 -0.93 0.00	60.29 -0.79 0.00	57.72 -0.76 0.00	57.21 -0.69 0.00	57.24 -0.75 0.00	55.53 -0.73 0.00	58.42 -0.77 0.00	59.35 -0.84 0.00	63.07 -1.23 0.28	61.76 -0.68 -0.28	49.80 -0.49 -1.44	47.05 -0.49 1.44
HUDSON AVE_GT_3 23810	57.59 5.80 0.00	49.83 4.78 0.00	46.96 4.31 0.00	46.16 4.08 0.00	46.88 4.22 0.00	48.79 4.52 0.00	54.42 5.48 0.00	68.24 4.79 -17.35	79.78 5.88 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.38 6.60 -20.55	86.89 6.41 -19.39	86.44 6.20 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.39 7.17 -23.64	87.08 6.59 -18.33	80.74 5.32 -26.56	63.50 5.44 -9.09
HUDSON AVE_GT_4 23540	57.59 5.80 0.00	49.83 4.78 0.00	46.96 4.31 0.00	46.16 4.08 0.00	46.88 4.22 0.00	48.79 4.52 0.00	54.42 5.48 0.00	68.24 4.79 -17.35	79.78 5.88 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.38 6.60 -20.55	86.89 6.41 -19.39	86.44 6.20 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.39 7.17 -23.64	87.08 6.59 -18.33	80.74 5.32 -26.56	63.50 5.44 -9.09
HUDSON AVE_GT_5 23657	57.59 5.80 0.00	49.83 4.78 0.00	46.96 4.31 0.00	46.16 4.08 0.00	46.88 4.22 0.00	48.79 4.52 0.00	54.42 5.48 0.00	68.24 4.79 -17.35	79.78 5.88 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.38 6.60 -20.55	86.89 6.41 -19.39	86.44 6.20 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.39 7.17 -23.64	87.08 6.59 -18.33	80.74 5.32 -26.56	63.50 5.44 -9.09
HUDSON_AVE_10 24168	57.69 5.90 0.00	49.92 4.87 0.00	47.01 4.35 0.00	46.21 4.12 0.00	46.92 4.27 0.00	48.84 4.56 0.00	54.42 5.48 0.00	68.24 4.79 -17.35	79.83 5.94 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.38 6.60 -20.55	86.95 6.48 -19.39	86.44 6.20 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.66 5.91 -20.50	82.35 6.27 -16.89	86.48 6.44 -19.85	95.45 7.23 -23.64	87.14 6.65 -18.33	80.78 5.37 -26.56	63.55 5.49 -9.09
HUNTLEY___63 23557	48.48 -3.31 0.00	41.41 -3.65 0.00	39.54 -3.11 0.00	39.35 -2.74 0.00	39.63 -3.03 0.00	41.35 -2.92 0.00	42.53 -6.41 0.00	38.79 -7.84 -0.53	46.34 -9.85 -0.21	52.56 -10.65 -0.17	53.77 -10.51 -0.21	53.63 -10.40 -0.23	51.83 -10.64 -0.24	50.80 -10.51 -0.22	48.56 -10.18 -0.25	48.30 -9.84 -0.24	48.14 -10.09 -0.24	46.65 -9.85 -0.23	49.02 -10.36 -0.19	50.01 -10.41 -0.23	54.06 -10.78 -0.27	51.31 -11.07 -0.21	43.81 -5.86 -0.82	44.07 -5.19 -0.28
HUNTLEY___64 23558	48.48 -3.31 0.00	41.41 -3.65 0.00	39.54 -3.11 0.00	39.35 -2.74 0.00	39.63 -3.03 0.00	41.35 -2.92 0.00	42.53 -6.41 0.00	38.79 -7.84 -0.53	46.34 -9.85 -0.21	52.56 -10.65 -0.17	53.77 -10.51 -0.21	53.63 -10.40 -0.23	51.83 -10.64 -0.24	50.80 -10.51 -0.22	48.56 -10.18 -0.25	48.30 -9.84 -0.24	48.14 -10.09 -0.24	46.65 -9.85 -0.23	49.02 -10.36 -0.19	50.01 -10.41 -0.23	54.06 -10.78 -0.27	51.31 -11.07 -0.21	43.81 -5.86 -0.82	44.07 -5.19 -0.28
HUNTLEY___65 23559	48.48 -3.31 0.00	41.41 -3.65 0.00	39.54 -3.11 0.00	39.35 -2.74 0.00	39.63 -3.03 0.00	41.35 -2.92 0.00	42.53 -6.41 0.00	38.79 -7.84 -0.53	46.34 -9.85 -0.21	52.56 -10.65 -0.17	53.77 -10.51 -0.21	53.63 -10.40 -0.23	51.83 -10.64 -0.24	50.80 -10.51 -0.22	48.56 -10.18 -0.25	48.30 -9.84 -0.24	48.14 -10.09 -0.24	46.65 -9.85 -0.23	49.02 -10.36 -0.19	50.01 -10.41 -0.23	54.06 -10.78 -0.27	51.31 -11.07 -0.21	43.81 -5.86 -0.82	44.07 -5.19 -0.28
HUNTLEY___66 23560	48.48 -3.31 0.00	41.41 -3.65 0.00	39.54 -3.11 0.00	39.35 -2.74 0.00	39.63 -3.03 0.00	41.35 -2.92 0.00	42.53 -6.41 0.00	38.79 -7.84 -0.53	46.34 -9.85 -0.21	52.56 -10.65 -0.17	53.77 -10.51 -0.21	53.63 -10.40 -0.23	51.83 -10.64 -0.24	50.80 -10.51 -0.22	48.56 -10.18 -0.25	48.30 -9.84 -0.24	48.14 -10.09 -0.24	46.65 -9.85 -0.23	49.02 -10.36 -0.19	50.01 -10.41 -0.23	54.06 -10.78 -0.27	51.31 -11.07 -0.21	43.81 -5.86 -0.82	44.07 -5.19 -0.28
HUNTLEY___67 23561	47.91 -3.88 0.00	40.95 -4.10 0.00	39.12 -3.54 0.00	38.93 -3.16 0.00	39.24 -3.41 0.00	40.91 -3.37 0.00	42.38 -6.56 0.00	38.78 -7.88 -0.58	46.00 -9.91 0.08	52.13 -10.84 0.07	53.28 -10.70 0.09	53.06 -10.66 0.09	51.31 -10.83 0.10	50.30 -10.69 0.09	48.09 -10.29 0.10	47.78 -10.02 0.10	47.68 -10.21 0.10	46.20 -9.96 0.10	48.63 -10.48 0.08	49.57 -10.53 0.09	53.55 -10.91 0.11	50.83 -11.25 0.09	43.63 -6.11 -0.88	43.70 -5.58 -0.30
HUNTLEY___68 23562	47.91 -3.88 0.00	40.95 -4.10 0.00	39.12 -3.54 0.00	38.93 -3.16 0.00	39.24 -3.41 0.00	40.91 -3.37 0.00	42.38 -6.56 0.00	38.78 -7.88 -0.58	46.00 -9.91 0.08	52.13 -10.84 0.07	53.28 -10.70 0.09	53.06 -10.66 0.09	51.31 -10.83 0.10	50.30 -10.69 0.09	48.09 -10.29 0.10	47.78 -10.02 0.10	47.68 -10.21 0.10	46.20 -9.96 0.10	48.63 -10.48 0.08	49.57 -10.53 0.09	53.55 -10.91 0.11	50.83 -11.25 0.09	43.63 -6.11 -0.88	43.70 -5.58 -0.30
INDECK___CORINTH 23802	54.22 2.43 0.00	47.22 2.16 0.00	44.53 1.88 0.00	43.89 1.81 0.00	44.62 1.96 0.00	46.14 1.86 0.00	52.07 3.13 0.00	49.11 2.44 -0.58	59.78 3.19 -0.59	67.12 3.59 -0.49	68.34 3.65 -0.62	68.42 3.96 -0.66	66.09 3.17 -0.68	65.27 3.54 -0.64	62.48 3.28 -0.72	61.84 3.24 -0.70	61.54 2.84 -0.70	59.75 2.81 -0.68	62.71 2.96 -0.56	64.29 3.43 -0.66	69.30 3.94 -0.78	65.45 2.67 -0.61	51.93 2.20 -0.88	51.63 2.35 -0.30
INDECK___ILION 23567	53.19 1.40 0.00	46.23 1.17 0.00	43.72 1.07 0.00	43.13 1.05 0.00	43.72 1.07 0.00	45.47 1.20 0.00	50.41 1.47 0.00	47.43 1.34 0.00	57.73 1.74 0.00	65.12 2.08 0.00	66.25 2.18 0.00	65.91 2.11 0.00	64.23 1.99 0.00	62.98 1.89 0.00	60.24 1.75 0.00	59.58 1.68 0.00	59.67 1.68 0.00	57.89 1.63 0.00	60.96 1.78 0.00	62.00 1.81 0.00	66.71 2.13 0.00	64.22 2.05 0.00	50.22 1.37 0.00	50.30 1.32 0.00



INDECK___OLEAN 23982	48.17 -3.63 0.00	41.41 -3.65 0.00	39.20 -3.46 0.00	39.09 -2.99 0.00	39.46 -3.20 0.00	41.18 -3.10 0.00	42.87 -6.07 0.00	39.42 -7.33 -0.66	46.92 -9.18 -0.11	53.36 -9.77 -0.09	54.70 -9.48 -0.12	54.49 -9.44 -0.12	52.78 -9.58 -0.13	51.56 -9.65 -0.12	49.38 -9.24 -0.13	48.77 -9.26 -0.13	48.79 -9.34 -0.13	47.33 -9.06 -0.13	50.00 -9.29 -0.11	50.69 -9.63 -0.12	54.97 -9.75 -0.15	52.46 -9.82 -0.11	44.73 -5.13 -1.01	44.82 -4.51 -0.34
INDECK___OSWEGO 23783	50.39 -1.40 0.00	43.75 -1.31 0.00	41.42 -1.24 0.00	40.90 -1.18 0.00	41.46 -1.19 0.00	43.08 -1.20 0.00	47.86 -1.08 0.00	44.94 -1.15 0.00	54.59 -1.40 0.00	61.53 -1.51 0.00	62.59 -1.47 0.00	62.28 -1.53 0.00	60.68 -1.56 0.00	59.56 -1.53 0.00	57.02 -1.46 0.00	56.45 -1.45 0.00	56.54 -1.45 0.00	54.79 -1.46 0.00	57.65 -1.54 0.00	58.63 -1.57 0.00	63.09 -1.49 0.00	60.67 -1.49 0.00	47.43 -1.42 0.00	47.46 -1.52 0.00
INDECK___YERKES 23781	48.48 -3.31 0.00	41.41 -3.65 0.00	39.54 -3.11 0.00	39.35 -2.74 0.00	39.63 -3.03 0.00	41.35 -2.92 0.00	42.53 -6.41 0.00	38.79 -7.84 -0.53	46.34 -9.85 -0.21	52.56 -10.65 -0.17	53.77 -10.51 -0.21	53.63 -10.40 -0.23	51.83 -10.64 -0.24	50.80 -10.51 -0.22	48.56 -10.18 -0.25	48.30 -9.84 -0.24	48.14 -10.09 -0.24	46.65 -9.85 -0.23	49.02 -10.36 -0.19	50.01 -10.41 -0.23	54.06 -10.78 -0.27	51.31 -11.07 -0.21	43.81 -5.86 -0.82	44.07 -5.19 -0.28
INDIAN POINT_GT_1 24139	56.81 5.02 0.00	49.25 4.19 0.00	46.41 3.75 0.00	45.66 3.58 0.00	46.37 3.71 0.00	48.26 3.98 0.00	53.79 4.85 0.00	67.65 4.29 -17.27	79.13 5.32 -17.82	83.86 6.18 -14.64	89.07 6.41 -18.60	89.61 6.13 -19.68	88.66 5.97 -20.45	86.19 5.80 -19.30	85.75 5.61 -21.65	84.24 5.44 -20.90	84.64 5.57 -21.09	82.00 5.34 -20.40	81.62 5.62 -16.81	85.73 5.78 -19.75	94.69 6.59 -23.53	86.31 5.91 -18.24	80.02 4.74 -26.43	62.77 4.75 -9.04
INDIAN POINT_GT_2 23659	56.81 5.02 0.00	49.25 4.19 0.00	46.41 3.75 0.00	45.66 3.58 0.00	46.37 3.71 0.00	48.26 3.98 0.00	53.79 4.85 0.00	67.65 4.29 -17.27	79.13 5.32 -17.82	83.86 6.18 -14.64	89.07 6.41 -18.60	89.61 6.13 -19.68	88.66 5.97 -20.45	86.19 5.80 -19.30	85.75 5.61 -21.65	84.24 5.44 -20.90	84.64 5.57 -21.09	82.00 5.34 -20.40	81.62 5.62 -16.81	85.73 5.78 -19.75	94.69 6.59 -23.53	86.31 5.91 -18.24	80.02 4.74 -26.43	62.77 4.75 -9.04
INDIAN POINT_GT_3 24019	56.81 5.02 0.00	49.25 4.19 0.00	46.41 3.75 0.00	45.66 3.58 0.00	46.37 3.71 0.00	48.26 3.98 0.00	53.79 4.85 0.00	67.65 4.29 -17.27	79.13 5.32 -17.82	83.86 6.18 -14.64	89.07 6.41 -18.60	89.61 6.13 -19.68	88.66 5.97 -20.45	86.19 5.80 -19.30	85.75 5.61 -21.65	84.24 5.44 -20.90	84.64 5.57 -21.09	82.00 5.34 -20.40	81.62 5.62 -16.81	85.73 5.78 -19.75	94.69 6.59 -23.53	86.31 5.91 -18.24	80.02 4.74 -26.43	62.77 4.75 -9.04
INDIAN POINT___2 23530	57.12 5.33 0.00	49.47 4.42 0.00	46.62 3.97 0.00	45.87 3.79 0.00	46.58 3.92 0.00	48.48 4.21 0.00	54.03 5.09 0.00	67.87 4.42 -17.35	79.38 5.49 -17.90	84.12 6.37 -14.71	89.35 6.60 -18.69	89.89 6.32 -19.77	88.94 6.16 -20.55	86.46 5.99 -19.39	86.03 5.79 -21.76	84.52 5.62 -21.00	84.92 5.74 -21.19	82.27 5.51 -20.50	81.88 5.80 -16.89	86.00 5.96 -19.85	95.00 6.78 -23.64	86.58 6.09 -18.33	80.35 4.93 -26.56	63.06 5.00 -9.09
INDIAN POINT___3 23531	56.45 4.66 0.00	48.88 3.83 0.00	46.07 3.41 0.00	45.32 3.24 0.00	46.03 3.37 0.00	47.91 3.63 0.00	53.44 4.50 0.00	66.99 3.92 -16.98	78.44 4.93 -17.52	83.18 5.74 -14.40	88.31 5.96 -18.29	88.83 5.68 -19.35	87.88 5.54 -20.11	85.44 5.38 -18.98	84.93 5.15 -21.29	83.49 5.04 -20.55	83.89 5.16 -20.73	81.21 4.89 -20.06	80.92 5.21 -16.53	84.98 5.36 -19.42	93.79 6.07 -23.14	85.51 5.41 -17.94	79.19 4.35 -25.99	62.23 4.36 -8.89
IP CORINTH___1 23988	54.28 2.49 0.00	47.26 2.21 0.00	44.58 1.92 0.00	43.93 1.85 0.00	44.66 2.00 0.00	46.18 1.90 0.00	52.12 3.18 0.00	49.15 2.49 -0.58	59.83 3.25 -0.59	67.19 3.66 -0.49	68.40 3.72 -0.62	68.48 4.02 -0.66	66.15 3.24 -0.68	65.33 3.60 -0.64	62.54 3.33 -0.72	61.90 3.30 -0.70	61.59 2.90 -0.70	59.81 2.87 -0.68	62.77 3.02 -0.56	64.35 3.49 -0.66	69.37 4.00 -0.78	65.45 2.67 -0.61	51.98 2.25 -0.88	51.68 2.40 -0.30
IP___TICONDEROGA 23804	55.93 4.14 0.00	48.66 3.60 0.00	45.90 3.24 0.00	45.20 3.11 0.00	46.03 3.37 0.00	47.60 3.32 0.00	52.90 3.96 0.00	51.19 3.46 -1.64	62.45 4.76 -1.70	69.92 5.48 -1.39	71.41 5.57 -1.77	70.72 5.04 -1.87	69.29 5.10 -1.95	67.99 5.07 -1.84	65.23 4.68 -2.06	64.70 4.81 -1.99	64.58 4.58 -2.01	62.76 4.56 -1.94	65.58 4.79 -1.60	67.32 5.24 -1.88	72.82 6.01 -2.24	68.56 4.66 -1.74	54.98 3.61 -2.52	53.76 3.92 -0.86
JARVIS____ 23743	52.10 0.31 0.00	45.33 0.27 0.00	42.91 0.26 0.00	42.33 0.25 0.00	42.91 0.26 0.00	44.54 0.27 0.00	49.33 0.39 0.00	46.37 0.28 0.00	56.33 0.34 0.00	63.48 0.44 0.00	64.52 0.45 0.00	64.19 0.38 0.00	62.61 0.37 0.00	61.45 0.37 0.00	58.78 0.29 0.00	58.19 0.29 0.00	58.28 0.29 0.00	56.54 0.28 0.00	59.54 0.36 0.00	60.56 0.36 0.00	65.03 0.45 0.00	62.48 0.31 0.00	49.09 0.24 0.00	49.27 0.29 0.00
JENNISON___1 23625	51.32 -0.47 0.00	44.65 -0.41 0.00	42.14 -0.51 0.00	41.66 -0.42 0.00	42.23 -0.43 0.00	43.97 -0.31 0.00	48.89 -0.05 0.00	46.90 -0.51 -1.32	56.90 -0.50 -1.41	63.76 -0.44 -1.16	65.28 -0.26 -1.47	64.92 -0.45 -1.56	63.29 -0.56 -1.62	61.94 -0.67 -1.53	59.50 -0.70 -1.71	58.74 -0.81 -1.65	58.96 -0.70 -1.67	57.14 -0.73 -1.61	59.92 -0.59 -1.33	61.10 -0.66 -1.56	66.12 -0.32 -1.86	63.30 -0.31 -1.44	50.38 -0.49 -2.01	49.18 -0.69 -0.69
JENNISON___2 23626	51.32 -0.47 0.00	44.60 -0.45 0.00	42.14 -0.51 0.00	41.66 -0.42 0.00	42.19 -0.47 0.00	43.92 -0.35 0.00	48.89 -0.05 0.00	46.90 -0.51 -1.32	56.84 -0.56 -1.41	63.69 -0.50 -1.16	65.22 -0.32 -1.47	64.92 -0.45 -1.56	63.23 -0.62 -1.62	61.88 -0.73 -1.53	59.50 -0.70 -1.71	58.74 -0.81 -1.65	58.91 -0.75 -1.67	57.14 -0.73 -1.61	59.86 -0.65 -1.33	61.04 -0.72 -1.56	66.12 -0.32 -1.86	63.23 -0.37 -1.44	50.38 -0.49 -2.01	49.18 -0.69 -0.69
KEDC PORT_JEFF_GT2 24210	73.75 7.72 -14.25	71.30 6.67 -19.57	65.82 6.14 -17.02	48.03 5.93 -0.02	48.77 6.10 -0.02	64.00 6.46 -13.26	68.67 7.59 -12.14	76.34 6.45 -23.79	80.84 6.94 -17.90	85.00 7.25 -14.71	90.31 7.56 -18.69	90.79 7.21 -19.77	90.00 7.22 -20.55	87.38 6.90 -19.39	86.79 6.55 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.89 6.13 -20.50	82.94 6.87 -16.89	87.33 7.28 -19.85	96.68 8.46 -23.64	87.95 7.46 -18.33	81.67 6.25 -26.57	74.92 6.91 -19.04
KEDC PORT_JEFF_GT3 24211	73.75 7.72 -14.25	71.30 6.67 -19.57	65.82 6.14 -17.02	48.03 5.93 -0.02	48.77 6.10 -0.02	64.00 6.46 -13.26	68.67 7.59 -12.14	76.34 6.45 -23.79	80.84 6.94 -17.90	85.00 7.25 -14.71	90.31 7.56 -18.69	90.79 7.21 -19.77	90.00 7.22 -20.55	87.38 6.90 -19.39	86.79 6.55 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.89 6.13 -20.50	82.94 6.87 -16.89	87.33 7.28 -19.85	96.68 8.46 -23.64	87.95 7.46 -18.33	81.67 6.25 -26.57	74.92 6.91 -19.04
KEDC_GLWD_GT4 24219	72.25 6.21 -14.24	69.81 5.18 -19.57	64.37 4.69 -17.02	46.60 4.50 -0.02	47.32 4.65 -0.02	62.50 4.96 -13.26	67.00 5.92 -12.14	75.14 5.25 -23.79	80.17 6.27 -17.90	84.81 7.06 -14.71	89.93 7.18 -18.69	90.47 6.89 -19.77	89.56 6.78 -20.55	87.19 6.72 -19.39	86.68 6.43 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.83 6.08 -20.50	82.64 6.57 -16.89	86.79 6.74 -19.85	95.90 7.68 -23.64	87.33 6.84 -18.33	81.13 5.72 -26.57	73.85 5.83 -19.04



KEDC_GLWD_GT5 24220	72.25 6.21 -14.24	69.81 5.18 -19.57	64.37 4.69 -17.02	46.60 4.50 -0.02	47.32 4.65 -0.02	62.50 4.96 -13.26	67.00 5.92 -12.14	75.14 5.25 -23.79	80.17 6.27 -17.90	84.81 7.06 -14.71	89.93 7.18 -18.69	90.47 6.89 -19.77	89.56 6.78 -20.55	87.19 6.72 -19.39	86.68 6.43 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.83 6.08 -20.50	82.64 6.57 -16.89	86.79 6.74 -19.85	95.90 7.68 -23.64	87.33 6.84 -18.33	81.13 5.72 -26.57	73.85 5.83 -19.04
KENSICO____ 23655	57.02 5.23 0.00	49.43 4.37 0.00	46.54 3.88 0.00	45.79 3.70 0.00	46.49 3.84 0.00	48.39 4.12 0.00	53.93 4.99 0.00	67.78 4.38 -17.31	79.28 5.43 -17.86	84.02 6.30 -14.68	89.24 6.53 -18.64	89.78 6.25 -19.72	88.83 6.10 -20.50	86.35 5.93 -19.34	85.92 5.73 -21.71	84.41 5.56 -20.95	84.81 5.68 -21.14	82.16 5.46 -20.45	81.78 5.74 -16.85	85.90 5.90 -19.80	94.81 6.65 -23.59	86.48 6.03 -18.28	80.23 4.89 -26.50	62.99 4.95 -9.07
KIAC_JFK_GT1 23816	58.16 6.37 0.00	50.33 5.27 0.00	47.35 4.69 0.00	46.50 4.42 0.00	47.22 4.56 0.00	49.10 4.83 0.00	54.72 5.78 0.00	68.33 4.89 -17.35	79.89 5.99 -17.90	84.75 7.00 -14.71	89.93 7.18 -18.69	90.47 6.89 -19.77	89.44 6.66 -20.55	87.07 6.60 -19.39	86.56 6.32 -21.76	85.04 6.14 -21.00	85.44 6.26 -21.19	82.77 6.02 -20.50	82.47 6.39 -16.89	86.67 6.62 -19.85	95.65 7.43 -23.64	87.39 6.90 -18.33	80.93 5.52 -26.56	63.79 5.73 -9.09
KIAC_JFK_GT2 23817	58.16 6.37 0.00	50.33 5.27 0.00	47.35 4.69 0.00	46.50 4.42 0.00	47.22 4.56 0.00	49.10 4.83 0.00	54.72 5.78 0.00	68.33 4.89 -17.35	79.89 5.99 -17.90	84.75 7.00 -14.71	89.93 7.18 -18.69	90.47 6.89 -19.77	89.44 6.66 -20.55	87.07 6.60 -19.39	86.56 6.32 -21.76	85.04 6.14 -21.00	85.44 6.26 -21.19	82.77 6.02 -20.50	82.47 6.39 -16.89	86.67 6.62 -19.85	95.65 7.43 -23.64	87.39 6.90 -18.33	80.93 5.52 -26.56	63.79 5.73 -9.09
KINTIGH____ 23543	48.58 -3.21 0.00	41.63 -3.42 0.00	39.76 -2.90 0.00	39.47 -2.61 0.00	39.84 -2.82 0.00	41.53 -2.75 0.00	44.14 -4.80 0.00	40.83 -5.72 -0.45	49.09 -7.06 -0.15	55.47 -7.69 -0.12	56.66 -7.56 -0.16	56.44 -7.53 -0.16	54.63 -7.78 -0.17	53.61 -7.64 -0.16	51.24 -7.43 -0.18	50.95 -7.12 -0.17	50.86 -7.31 -0.18	49.28 -7.14 -0.17	51.75 -7.58 -0.14	52.78 -7.58 -0.16	56.96 -7.81 -0.19	54.24 -8.08 -0.15	44.61 -4.93 -0.69	44.51 -4.70 -0.24
LEDERLE____ 23769	56.87 5.08 0.00	49.25 4.19 0.00	46.41 3.75 0.00	45.66 3.58 0.00	46.37 3.71 0.00	48.31 4.03 0.00	53.93 4.99 0.00	66.56 4.47 -16.00	78.10 5.60 -16.50	83.10 6.49 -13.56	88.08 6.79 -17.23	88.54 6.51 -18.22	87.52 6.35 -18.94	85.07 6.11 -17.87	84.45 5.91 -20.06	82.99 5.73 -19.36	83.38 5.86 -19.53	80.72 5.57 -18.90	80.61 5.86 -15.57	84.57 6.08 -18.29	93.28 6.91 -21.79	85.52 6.47 -16.89	78.22 4.89 -24.48	62.15 4.80 -8.38
LINDEN COGEN____ 23786	57.64 5.85 0.00	49.83 4.78 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.79 4.52 0.00	54.42 5.48 0.00	68.19 4.75 -17.35	79.78 5.88 -17.90	84.63 6.87 -14.71	89.80 7.05 -18.69	90.40 6.83 -19.77	89.25 6.47 -20.55	86.71 6.23 -19.39	86.33 6.08 -21.76	84.92 6.02 -21.00	85.38 6.21 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.30 6.26 -19.85	95.13 6.91 -23.64	86.96 6.47 -18.33	80.74 5.32 -26.56	63.50 5.44 -9.09
LIPA_MISC_IPP 23656	73.75 7.72 -14.25	71.25 6.62 -19.57	65.74 6.06 -17.02	47.99 5.89 -0.02	48.73 6.06 -0.02	63.91 6.38 -13.26	68.57 7.49 -12.14	76.29 6.41 -23.79	80.78 6.89 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.68 6.43 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.27 7.22 -19.85	96.55 8.33 -23.64	87.83 7.34 -18.33	81.62 6.20 -26.57	74.87 6.86 -19.04
LITTLE FALLS___HYD 24013	54.64 2.85 0.00	47.40 2.34 0.00	44.83 2.18 0.00	44.23 2.15 0.00	44.87 2.22 0.00	46.76 2.48 0.00	51.88 2.94 0.00	48.95 2.86 0.00	59.69 3.70 0.00	67.39 4.35 0.00	68.68 4.61 0.00	68.27 4.47 0.00	66.47 4.23 0.00	65.06 3.97 0.00	62.17 3.68 0.00	61.43 3.53 0.00	61.53 3.54 0.00	59.75 3.49 0.00	62.92 3.73 0.00	63.99 3.79 0.00	69.03 4.46 0.00	66.45 4.29 0.00	51.83 2.98 0.00	51.72 2.74 0.00
LONG_LAKE_PHOENIX 24014	50.44 -1.35 0.00	43.84 -1.22 0.00	41.50 -1.15 0.00	40.95 -1.14 0.00	41.50 -1.15 0.00	43.13 -1.15 0.00	48.01 -0.93 0.00	45.17 -0.92 0.00	54.82 -1.18 0.00	61.78 -1.26 0.00	62.85 -1.22 0.00	62.53 -1.28 0.00	60.93 -1.31 0.00	59.74 -1.34 0.00	57.26 -1.23 0.00	56.63 -1.27 0.00	56.72 -1.28 0.00	55.02 -1.24 0.00	57.83 -1.36 0.00	58.87 -1.32 0.00	63.35 -1.23 0.00	60.98 -1.18 0.00	47.63 -1.22 0.00	47.51 -1.47 0.00
LOVETT___3 23632	55.93 4.14 0.00	48.43 3.38 0.00	45.68 3.03 0.00	44.90 2.82 0.00	45.60 2.94 0.00	47.51 3.23 0.00	53.00 4.06 0.00	65.80 3.55 -16.16	77.09 4.42 -16.67	81.91 5.17 -13.70	86.85 5.38 -17.40	87.32 5.10 -18.41	86.35 4.98 -19.13	83.97 4.83 -18.06	83.37 4.62 -20.26	81.97 4.52 -19.56	82.36 4.64 -19.73	79.79 4.44 -19.09	79.59 4.68 -15.73	83.50 4.82 -18.48	92.08 5.49 -22.02	84.08 4.85 -17.07	77.45 3.86 -24.74	61.31 3.87 -8.46
LOVETT___4 23642	56.35 4.56 0.00	48.79 3.74 0.00	45.98 3.33 0.00	45.24 3.16 0.00	45.94 3.28 0.00	47.86 3.59 0.00	53.39 4.45 0.00	66.21 3.92 -16.20	77.64 4.93 -16.72	82.51 5.74 -13.74	87.47 5.96 -17.45	87.94 5.68 -18.46	86.96 5.54 -19.18	84.56 5.38 -18.10	84.00 5.21 -20.31	82.54 5.04 -19.61	82.93 5.16 -19.78	80.29 4.89 -19.14	80.16 5.21 -15.77	84.08 5.36 -18.53	92.72 6.07 -22.07	84.68 5.41 -17.11	77.95 4.30 -24.80	61.77 4.31 -8.48
LOVETT___5 23593	56.35 4.56 0.00	48.79 3.74 0.00	45.98 3.33 0.00	45.24 3.16 0.00	45.94 3.28 0.00	47.86 3.59 0.00	53.39 4.45 0.00	66.21 3.92 -16.20	77.64 4.93 -16.72	82.51 5.74 -13.74	87.47 5.96 -17.45	87.94 5.68 -18.46	86.96 5.54 -19.18	84.56 5.38 -18.10	84.00 5.21 -20.31	82.54 5.04 -19.61	82.93 5.16 -19.78	80.29 4.89 -19.14	80.16 5.21 -15.77	84.08 5.36 -18.53	92.72 6.07 -22.07	84.68 5.41 -17.11	77.95 4.30 -24.80	61.77 4.31 -8.48
LOWER RAQUET___HYD 24057	48.27 -3.52 0.00	42.13 -2.93 0.00	40.01 -2.64 0.00	39.43 -2.65 0.00	39.93 -2.73 0.00	41.49 -2.79 0.00	45.96 -2.99 0.00	44.02 -2.07 0.00	53.08 -2.91 0.00	58.44 -4.60 0.00	59.26 -4.81 0.00	59.72 -4.08 0.00	58.56 -3.67 0.00	57.67 -3.42 0.00	55.33 -3.16 0.00	55.35 -2.55 0.00	54.69 -3.31 0.00	52.99 -3.26 0.00	55.28 -3.91 0.00	56.28 -3.91 0.00	59.93 -4.65 0.00	58.25 -3.92 0.00	46.80 -2.05 0.00	46.33 -2.64 0.00
LOWER___HUDSON 24059	54.48 2.69 0.00	47.40 2.34 0.00	44.75 2.09 0.00	44.06 1.98 0.00	44.79 2.13 0.00	46.36 2.08 0.00	51.58 2.64 0.00	48.16 2.07 0.00	58.79 2.80 0.00	66.32 3.28 0.00	67.46 3.40 0.00	67.00 3.19 0.00	65.41 3.17 0.00	64.20 3.12 0.00	61.35 2.87 0.00	60.80 2.90 0.00	60.77 2.78 0.00	58.96 2.70 0.00	62.03 2.84 0.00	63.27 3.07 0.00	68.19 3.62 0.00	64.90 2.74 0.00	51.15 2.30 0.00	51.43 2.45 0.00
LWR___OSWEGATCHIE_HYD 23850	48.94 -2.85 0.00	42.67 -2.39 0.00	40.48 -2.18 0.00	39.94 -2.15 0.00	40.44 -2.22 0.00	42.06 -2.21 0.00	46.89 -2.06 0.00	44.52 -1.57 0.00	53.64 -2.35 0.00	59.32 -3.72 0.00	60.16 -3.91 0.00	60.36 -3.45 0.00	59.12 -3.11 0.00	58.09 -2.99 0.00	55.85 -2.63 0.00	55.76 -2.14 0.00	55.27 -2.73 0.00	53.61 -2.64 0.00	55.75 -3.43 0.00	56.77 -3.43 0.00	60.70 -3.87 0.00	58.75 -3.42 0.00	46.95 -1.91 0.00	46.68 -2.30 0.00



MAPLE RIDGE_WT_1 323574	51.38 -0.41 0.00	44.74 -0.32 0.00	42.36 -0.30 0.00	41.83 -0.25 0.00	42.36 -0.30 0.00	43.97 -0.31 0.00	48.55 -0.39 0.00	45.91 -0.18 0.00	55.66 -0.34 0.00	62.60 -0.44 0.00	63.55 -0.51 0.00	63.42 -0.38 0.00	61.86 -0.37 0.00	60.72 -0.37 0.00	58.13 -0.35 0.00	57.61 -0.29 0.00	57.64 -0.35 0.00	55.98 -0.28 0.00	58.89 -0.30 0.00	59.84 -0.36 0.00	64.13 -0.45 0.00	61.85 -0.31 0.00	48.66 -0.20 0.00	48.73 -0.24 0.00
MG INDUSTRY___DRP 24185	54.22 2.43 0.00	47.17 2.12 0.00	44.53 1.88 0.00	43.85 1.77 0.00	44.53 1.88 0.00	46.09 1.82 0.00	50.95 2.01 0.00	47.57 1.47 0.00	58.01 2.02 0.00	65.44 2.40 0.00	66.57 2.50 0.00	66.04 2.23 0.00	64.48 2.24 0.00	63.22 2.14 0.00	60.53 2.05 0.00	59.87 1.97 0.00	60.02 2.03 0.00	58.23 1.97 0.00	61.26 2.07 0.00	62.42 2.23 0.00	67.23 2.65 0.00	64.34 2.18 0.00	50.56 1.71 0.00	50.89 1.91 0.00
MID___OSWEGATCHIE_HYD 23849	48.94 -2.85 0.00	42.67 -2.39 0.00	40.48 -2.18 0.00	39.94 -2.15 0.00	40.44 -2.22 0.00	42.06 -2.21 0.00	46.89 -2.06 0.00	44.52 -1.57 0.00	53.64 -2.35 0.00	59.32 -3.72 0.00	60.16 -3.91 0.00	60.36 -3.45 0.00	59.12 -3.11 0.00	58.09 -2.99 0.00	55.85 -2.63 0.00	55.76 -2.14 0.00	55.27 -2.73 0.00	53.61 -2.64 0.00	55.75 -3.43 0.00	56.77 -3.43 0.00	60.70 -3.87 0.00	58.75 -3.42 0.00	46.95 -1.91 0.00	46.68 -2.30 0.00
MID___RAQUETTE_HYD 23851	48.27 -3.52 0.00	42.13 -2.93 0.00	40.01 -2.64 0.00	39.43 -2.65 0.00	39.93 -2.73 0.00	41.49 -2.79 0.00	45.96 -2.99 0.00	44.02 -2.07 0.00	53.08 -2.91 0.00	58.44 -4.60 0.00	59.26 -4.81 0.00	59.72 -4.08 0.00	58.56 -3.67 0.00	57.67 -3.42 0.00	55.33 -3.16 0.00	55.35 -2.55 0.00	54.69 -3.31 0.00	52.99 -3.26 0.00	55.28 -3.91 0.00	56.28 -3.91 0.00	59.93 -4.65 0.00	58.25 -3.92 0.00	46.80 -2.05 0.00	46.33 -2.64 0.00
MILLIKEN___1 23584	46.51 -5.28 0.00	40.32 -4.73 0.00	38.18 -4.48 0.00	37.71 -4.38 0.00	38.18 -4.48 0.00	39.76 -4.52 0.00	44.49 -4.45 0.00	42.47 -4.24 -0.62	51.60 -5.10 -0.70	58.13 -5.48 -0.58	59.42 -5.38 -0.73	59.09 -5.49 -0.78	57.56 -5.48 -0.81	56.35 -5.50 -0.76	54.02 -5.32 -0.85	53.40 -5.33 -0.82	53.49 -5.34 -0.83	51.94 -5.12 -0.80	54.46 -5.39 -0.66	55.50 -5.48 -0.78	60.02 -5.49 -0.93	57.48 -5.41 -0.72	44.86 -4.93 -0.94	44.11 -5.19 -0.32
MILLIKEN___2 23585	46.51 -5.28 0.00	40.32 -4.73 0.00	38.18 -4.48 0.00	37.71 -4.38 0.00	38.18 -4.48 0.00	39.76 -4.52 0.00	44.49 -4.45 0.00	42.47 -4.24 -0.62	51.60 -5.10 -0.70	58.13 -5.48 -0.58	59.42 -5.38 -0.73	59.09 -5.49 -0.78	57.56 -5.48 -0.81	56.35 -5.50 -0.76	54.02 -5.32 -0.85	53.40 -5.33 -0.82	53.49 -5.34 -0.83	51.94 -5.12 -0.80	54.46 -5.39 -0.66	55.50 -5.48 -0.78	60.02 -5.49 -0.93	57.48 -5.41 -0.72	44.86 -4.93 -0.94	44.11 -5.19 -0.32
MILLIKEN___DIESEL 23629	46.51 -5.28 0.00	40.32 -4.73 0.00	38.18 -4.48 0.00	37.71 -4.38 0.00	38.18 -4.48 0.00	39.76 -4.52 0.00	44.49 -4.45 0.00	42.47 -4.24 -0.62	51.60 -5.10 -0.70	58.13 -5.48 -0.58	59.42 -5.38 -0.73	59.09 -5.49 -0.78	57.56 -5.48 -0.81	56.35 -5.50 -0.76	54.02 -5.32 -0.85	53.40 -5.33 -0.82	53.49 -5.34 -0.83	51.94 -5.12 -0.80	54.46 -5.39 -0.66	55.50 -5.48 -0.78	60.02 -5.49 -0.93	57.48 -5.41 -0.72	44.86 -4.93 -0.94	44.11 -5.19 -0.32
MODEL_CITY_ENERGY 24167	48.22 -3.57 0.00	41.18 -3.87 0.00	39.33 -3.33 0.00	39.14 -2.95 0.00	39.41 -3.24 0.00	41.13 -3.14 0.00	42.53 -6.41 0.00	38.79 -7.84 -0.53	46.61 -9.74 -0.36	52.68 -10.65 -0.30	53.94 -10.51 -0.38	53.74 -10.46 -0.40	51.94 -10.70 -0.41	50.97 -10.51 -0.39	48.75 -10.18 -0.44	48.48 -9.84 -0.42	48.39 -10.03 -0.43	46.83 -9.85 -0.41	49.11 -10.42 -0.34	50.18 -10.41 -0.40	54.27 -10.78 -0.48	51.35 -11.19 -0.37	43.66 -6.01 -0.82	43.77 -5.49 -0.28
MODERN_LFGE___ 323580	48.22 -3.57 0.00	41.18 -3.87 0.00	39.33 -3.33 0.00	39.14 -2.95 0.00	39.41 -3.24 0.00	41.13 -3.14 0.00	42.53 -6.41 0.00	38.79 -7.84 -0.53	46.61 -9.74 -0.36	52.68 -10.65 -0.30	53.94 -10.51 -0.38	53.74 -10.46 -0.40	51.94 -10.70 -0.41	50.97 -10.51 -0.39	48.75 -10.18 -0.44	48.48 -9.84 -0.42	48.39 -10.03 -0.43	46.83 -9.85 -0.41	49.11 -10.42 -0.34	50.18 -10.41 -0.40	54.27 -10.78 -0.48	51.35 -11.19 -0.37	43.66 -6.01 -0.82	43.77 -5.49 -0.28
MOHAWK_PAPER___DRP 24187	54.90 3.11 0.00	47.76 2.70 0.00	45.09 2.43 0.00	44.40 2.31 0.00	45.13 2.47 0.00	46.71 2.44 0.00	51.93 2.99 0.00	48.35 2.26 0.00	59.07 3.08 0.00	66.70 3.66 0.00	67.85 3.78 0.00	67.32 3.51 0.00	65.78 3.55 0.00	64.45 3.36 0.00	61.70 3.22 0.00	61.03 3.13 0.00	61.18 3.19 0.00	59.30 3.04 0.00	62.38 3.20 0.00	63.69 3.49 0.00	68.65 4.07 0.00	65.46 3.29 0.00	51.44 2.59 0.00	51.82 2.84 0.00
MONGAUP___HYD 23641	56.30 4.51 0.00	48.84 3.78 0.00	46.03 3.37 0.00	45.28 3.20 0.00	45.94 3.28 0.00	47.86 3.59 0.00	53.44 4.50 0.00	64.84 4.15 -14.60	76.37 5.32 -15.06	81.60 6.18 -12.38	86.32 6.53 -15.72	86.75 6.32 -16.63	85.62 6.10 -17.28	83.32 5.93 -16.31	82.46 5.67 -18.30	81.07 5.50 -17.66	81.44 5.63 -17.82	78.79 5.29 -17.24	78.90 5.50 -14.21	82.61 5.72 -16.70	90.92 6.46 -19.89	83.74 6.15 -15.42	75.69 4.49 -22.34	60.98 4.36 -7.64
MONTAUK___DIESEL 23721	75.15 9.12 -14.25	72.47 7.84 -19.57	66.84 7.17 -17.02	49.04 6.94 -0.02	49.84 7.17 -0.02	65.11 7.57 -13.26	69.89 8.81 -12.14	77.72 7.84 -23.79	82.52 8.62 -17.90	86.90 9.14 -14.71	92.30 9.55 -18.69	92.83 9.25 -19.77	91.99 9.21 -20.55	89.21 8.74 -19.39	88.61 8.36 -21.76	86.83 7.93 -21.00	87.18 8.00 -21.19	84.58 7.82 -20.50	84.72 8.64 -16.89	89.19 9.15 -19.85	98.75 10.53 -23.64	90.00 9.51 -18.33	83.14 7.72 -26.57	76.25 8.23 -19.04
N SALMON___HYD 24042	49.25 -2.54 0.00	42.98 -2.07 0.00	40.82 -1.83 0.00	40.27 -1.81 0.00	40.78 -1.88 0.00	42.28 -1.99 0.00	46.59 -2.35 0.00	44.80 -1.29 0.00	53.98 -2.02 0.00	60.14 -2.90 0.00	60.93 -3.14 0.00	61.19 -2.62 0.00	59.81 -2.43 0.00	58.89 -2.20 0.00	56.44 -2.05 0.00	56.11 -1.79 0.00	55.90 -2.09 0.00	54.29 -1.97 0.00	56.94 -2.25 0.00	57.79 -2.41 0.00	61.61 -2.97 0.00	59.99 -2.18 0.00	47.53 -1.32 0.00	47.31 -1.67 0.00
N.E_GEN_SANDY PD 24062	48.19 3.26 6.86	47.85 2.79 0.00	45.13 2.47 0.00	44.44 2.36 0.00	45.13 2.47 0.00	46.84 2.57 0.00	49.98 2.99 1.94	56.00 2.58 -7.33	64.97 3.42 -5.56	71.58 3.97 -4.57	73.97 4.10 -5.80	73.64 3.70 -6.14	72.35 3.73 -6.38	70.77 3.67 -6.02	68.69 3.45 -6.75	67.84 3.42 -6.52	67.99 3.42 -6.58	65.94 3.32 -6.36	67.92 3.49 -5.24	70.03 3.67 -6.16	76.18 4.26 -7.34	71.40 3.54 -5.69	61.37 2.83 -9.68	53.35 2.99 -1.38
NARROWS_GT1_1 24228	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT1_2 24229	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09



NARROWS_GT1_3 24230	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT1_4 24231	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT1_5 24232	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT1_6 24233	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT1_7 24234	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT1_8 24235	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT2_1 24236	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT2_2 24237	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT2_3 24238	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT2_4 24239	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT2_5 24240	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT2_6 24241	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT2_7 24242	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NARROWS_GT2_8 24243	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09
NEG CAPITAL___MECHNVIL 23645	54.59 2.80 0.00	47.53 2.48 0.00	44.83 2.18 0.00	44.19 2.10 0.00	44.87 2.22 0.00	46.45 2.17 0.00	51.83 2.89 0.00	48.30 2.21 0.00	59.02 3.02 0.00	66.57 3.53 0.00	67.72 3.65 0.00	67.32 3.51 0.00	65.60 3.36 0.00	64.45 3.36 0.00	61.59 3.10 0.00	60.97 3.07 0.00	60.95 2.96 0.00	59.18 2.93 0.00	62.20 3.02 0.00	63.57 3.37 0.00	68.52 3.94 0.00	65.09 2.92 0.00	51.24 2.39 0.00	51.57 2.60 0.00
NEG CENTRAL_HIGH_ACRES 23767	49.25 -2.54 0.00	42.53 -2.52 0.00	40.52 -2.13 0.00	40.10 -1.98 0.00	40.52 -2.13 0.00	42.24 -2.04 0.00	46.74 -2.20 0.00	44.15 -2.35 -0.41	53.78 -2.63 -0.42	60.68 -2.71 -0.35	61.88 -2.63 -0.44	61.66 -2.62 -0.47	59.92 -2.80 -0.49	58.74 -2.81 -0.46	56.25 -2.75 -0.52	55.74 -2.66 -0.50	55.77 -2.73 -0.50	54.10 -2.64 -0.49	56.75 -2.84 -0.40	57.84 -2.83 -0.47	62.36 -2.78 -0.56	59.62 -2.98 -0.43	46.45 -3.03 -0.63	45.91 -3.28 -0.22



NEG CENTRAL___DRP 24199	49.62 -2.18 0.00	42.94 -2.12 0.00	40.69 -1.96 0.00	40.27 -1.81 0.00	40.74 -1.92 0.00	42.42 -1.86 0.00	47.03 -1.91 0.00	44.51 -2.03 -0.45	54.11 -2.41 -0.52	60.95 -2.52 -0.43	62.24 -2.37 -0.54	61.96 -2.42 -0.58	60.28 -2.55 -0.60	59.09 -2.57 -0.57	56.66 -2.46 -0.63	55.97 -2.55 -0.61	56.12 -2.49 -0.62	54.44 -2.42 -0.60	57.13 -2.55 -0.49	58.19 -2.59 -0.58	62.81 -2.45 -0.69	60.15 -2.55 -0.53	47.25 -2.30 -0.69	46.72 -2.50 -0.24
NEG CENTRAL___INDECK 23768	49.98 -1.81 0.00	43.07 -1.98 0.00	40.95 -1.71 0.00	40.65 -1.43 0.00	41.08 -1.58 0.00	42.86 -1.42 0.00	46.59 -2.35 0.00	43.71 -3.00 -0.62	53.57 -3.58 -1.16	60.21 -3.78 -0.95	61.82 -3.46 -1.21	61.26 -3.83 -1.28	59.77 -3.80 -1.33	58.31 -4.03 -1.26	55.98 -3.92 -1.41	55.44 -3.82 -1.36	55.48 -3.89 -1.38	53.76 -3.83 -1.33	56.32 -3.97 -1.10	57.39 -4.09 -1.29	62.24 -3.87 -1.54	60.18 -3.17 -1.19	47.16 -2.64 -0.94	46.41 -2.89 -0.32
NEG CENTRAL___SENECA 23627	49.20 -2.59 0.00	42.53 -2.52 0.00	40.31 -2.35 0.00	39.89 -2.19 0.00	40.40 -2.26 0.00	42.06 -2.21 0.00	46.59 -2.35 0.00	44.09 -2.53 -0.53	53.60 -3.02 -0.63	60.41 -3.15 -0.52	61.72 -3.01 -0.66	61.45 -3.06 -0.70	59.79 -3.17 -0.73	58.54 -3.24 -0.69	56.10 -3.16 -0.77	55.46 -3.18 -0.74	55.55 -3.19 -0.75	53.89 -3.09 -0.73	56.59 -3.20 -0.60	57.65 -3.25 -0.70	62.32 -3.10 -0.84	59.58 -3.23 -0.65	46.88 -2.78 -0.82	46.22 -3.04 -0.28
NEG CENTRAL___STATE_STREET 24147	48.99 -2.80 0.00	42.49 -2.57 0.00	40.27 -2.39 0.00	39.77 -2.31 0.00	40.27 -2.39 0.00	41.93 -2.35 0.00	46.74 -2.20 0.00	44.38 -2.17 -0.45	53.88 -2.58 -0.47	60.78 -2.65 -0.38	62.06 -2.50 -0.49	61.71 -2.62 -0.52	60.09 -2.68 -0.54	58.84 -2.75 -0.51	56.42 -2.63 -0.57	55.79 -2.66 -0.55	55.88 -2.67 -0.55	54.20 -2.59 -0.53	56.90 -2.72 -0.44	57.95 -2.77 -0.52	62.55 -2.65 -0.62	60.09 -2.55 -0.48	46.86 -2.69 -0.69	46.28 -2.94 -0.24
NEG MILLWOOD___DRP 24198	57.02 5.23 0.00	49.43 4.37 0.00	46.58 3.92 0.00	45.83 3.75 0.00	46.54 3.88 0.00	48.44 4.16 0.00	53.98 5.04 0.00	66.94 4.61 -16.24	78.52 5.77 -16.76	83.50 6.68 -13.77	88.61 7.05 -17.49	89.01 6.70 -18.50	88.06 6.60 -19.23	85.59 6.35 -18.15	84.93 6.08 -20.37	83.52 5.96 -19.66	83.91 6.09 -19.83	81.24 5.79 -19.19	81.03 6.04 -15.81	85.03 6.26 -18.58	93.75 7.04 -22.13	85.72 6.40 -17.16	78.79 5.08 -24.86	62.43 4.95 -8.51
NEG NORTH_FLCN_SEA 23793	49.05 -2.74 0.00	42.76 -2.30 0.00	40.57 -2.09 0.00	40.02 -2.06 0.00	40.57 -2.09 0.00	41.97 -2.30 0.00	46.15 -2.79 0.00	44.43 -1.66 0.00	53.64 -2.35 0.00	60.08 -2.96 0.00	60.93 -3.14 0.00	60.94 -2.87 0.00	59.56 -2.68 0.00	58.58 -2.50 0.00	56.15 -2.34 0.00	55.64 -2.26 0.00	55.61 -2.38 0.00	54.01 -2.25 0.00	56.82 -2.37 0.00	57.61 -2.59 0.00	61.61 -2.97 0.00	59.80 -2.36 0.00	47.09 -1.76 0.00	47.02 -1.96 0.00
NEG NORTH_KES_CHATEGAY 23792	49.72 -2.07 0.00	43.39 -1.67 0.00	41.16 -1.49 0.00	40.61 -1.47 0.00	41.12 -1.54 0.00	42.59 -1.68 0.00	46.79 -2.15 0.00	45.03 -1.06 0.00	54.31 -1.68 0.00	60.77 -2.27 0.00	61.57 -2.50 0.00	61.70 -2.11 0.00	60.31 -1.93 0.00	59.31 -1.77 0.00	56.85 -1.64 0.00	56.40 -1.51 0.00	56.31 -1.68 0.00	54.68 -1.58 0.00	57.53 -1.66 0.00	58.33 -1.87 0.00	62.25 -2.32 0.00	60.55 -1.62 0.00	47.78 -1.07 0.00	47.70 -1.27 0.00
NEG NORTH___ALICE_FALLS 23915	49.25 -2.54 0.00	42.94 -2.12 0.00	40.74 -1.92 0.00	40.19 -1.89 0.00	40.69 -1.96 0.00	42.15 -2.13 0.00	46.35 -2.59 0.00	44.62 -1.47 0.00	53.86 -2.13 0.00	60.33 -2.71 0.00	61.18 -2.88 0.00	61.25 -2.55 0.00	59.81 -2.43 0.00	58.83 -2.26 0.00	56.38 -2.11 0.00	55.93 -1.97 0.00	55.85 -2.15 0.00	54.23 -2.03 0.00	57.06 -2.13 0.00	57.91 -2.29 0.00	61.87 -2.71 0.00	60.11 -2.05 0.00	47.29 -1.56 0.00	47.21 -1.76 0.00
NEG NORTH___LWR_SARANAC 23913	49.25 -2.54 0.00	42.94 -2.12 0.00	40.74 -1.92 0.00	40.19 -1.89 0.00	40.69 -1.96 0.00	42.15 -2.13 0.00	46.35 -2.59 0.00	44.62 -1.47 0.00	53.86 -2.13 0.00	60.33 -2.71 0.00	61.18 -2.88 0.00	61.25 -2.55 0.00	59.81 -2.43 0.00	58.83 -2.26 0.00	56.38 -2.11 0.00	55.93 -1.97 0.00	55.85 -2.15 0.00	54.23 -2.03 0.00	57.06 -2.13 0.00	57.91 -2.29 0.00	61.87 -2.71 0.00	60.11 -2.05 0.00	47.29 -1.56 0.00	47.21 -1.76 0.00
NEG NORTH___PLATTSBURG 23628	49.25 -2.54 0.00	42.94 -2.12 0.00	40.74 -1.92 0.00	40.19 -1.89 0.00	40.69 -1.96 0.00	42.15 -2.13 0.00	46.35 -2.59 0.00	44.62 -1.47 0.00	53.86 -2.13 0.00	60.33 -2.71 0.00	61.18 -2.88 0.00	61.25 -2.55 0.00	59.81 -2.43 0.00	58.83 -2.26 0.00	56.38 -2.11 0.00	55.93 -1.97 0.00	55.85 -2.15 0.00	54.23 -2.03 0.00	57.06 -2.13 0.00	57.91 -2.29 0.00	61.87 -2.71 0.00	60.11 -2.05 0.00	47.29 -1.56 0.00	47.21 -1.76 0.00
NEG WEST_LEA_LOCKPORT 23791	48.27 -3.52 0.00	41.23 -3.83 0.00	39.41 -3.24 0.00	39.18 -2.90 0.00	39.50 -3.16 0.00	41.22 -3.06 0.00	42.63 -6.31 0.00	38.97 -7.65 -0.53	47.30 -9.52 -0.83	53.32 -10.40 -0.68	54.68 -10.25 -0.87	54.52 -10.21 -0.92	52.80 -10.39 -0.95	51.72 -10.26 -0.90	49.55 -9.94 -1.01	49.27 -9.61 -0.98	49.18 -9.80 -0.98	47.59 -9.62 -0.95	49.85 -10.12 -0.78	50.95 -10.17 -0.92	55.22 -10.46 -1.10	52.14 -10.88 -0.85	43.81 -5.86 -0.82	43.87 -5.39 -0.28
NEG WEST___LANCASTR 23811	47.23 -4.56 0.00	40.59 -4.46 0.00	38.48 -4.18 0.00	38.34 -3.75 0.00	38.73 -3.92 0.00	40.42 -3.85 0.00	42.53 -6.41 0.00	39.19 -7.56 -0.66	46.73 -9.41 -0.14	52.95 -10.21 -0.12	54.22 -9.99 -0.15	54.01 -9.95 -0.16	52.32 -10.08 -0.16	51.16 -10.08 -0.15	49.01 -9.65 -0.17	48.46 -9.61 -0.17	48.47 -9.68 -0.17	46.97 -9.45 -0.16	49.56 -9.77 -0.14	50.30 -10.05 -0.16	54.56 -10.20 -0.19	51.99 -10.32 -0.15	44.00 -5.86 -1.01	43.79 -5.53 -0.34
NEG_PENN_ALLEGHNY 23528	50.86 -0.93 0.00	44.20 -0.86 0.00	41.72 -0.94 0.00	41.28 -0.80 0.00	41.85 -0.81 0.00	43.57 -0.71 0.00	48.26 -0.69 0.00	46.22 -1.11 -1.23	55.92 -1.40 -1.33	62.69 -1.45 -1.09	64.18 -1.28 -1.39	63.87 -1.40 -1.47	62.27 -1.49 -1.53	60.94 -1.59 -1.44	58.64 -1.46 -1.62	57.84 -1.62 -1.56	58.06 -1.51 -1.58	56.26 -1.52 -1.52	59.02 -1.42 -1.26	60.17 -1.50 -1.48	65.11 -1.23 -1.76	62.16 -1.37 -1.36	49.86 -0.88 -1.89	48.64 -0.98 -0.65
NEG___GEN_MONROE 24207	49.93 -1.86 0.00	42.98 -2.07 0.00	40.99 -1.66 0.00	40.65 -1.43 0.00	41.08 -1.58 0.00	42.86 -1.42 0.00	46.69 -2.25 0.00	43.78 -2.77 -0.45	53.44 -3.02 -0.47	60.40 -3.03 -0.38	61.80 -2.75 -0.49	61.51 -2.81 -0.52	59.66 -3.11 -0.54	58.42 -3.18 -0.51	56.01 -3.04 -0.57	55.55 -2.90 -0.55	55.47 -3.07 -0.55	53.75 -3.04 -0.53	56.37 -3.26 -0.44	57.52 -3.19 -0.52	62.22 -2.97 -0.62	59.53 -3.11 -0.48	46.95 -2.59 -0.69	46.18 -3.04 -0.24
NEPA___ENERGY 23901	46.25 -5.54 0.00	40.01 -5.05 0.00	37.67 -4.99 0.00	37.58 -4.50 0.00	38.01 -4.65 0.00	39.72 -4.56 0.00	43.07 -5.87 0.00	40.06 -6.78 -0.74	48.13 -8.17 -0.31	54.16 -9.14 -0.26	55.68 -8.71 -0.32	55.41 -8.74 -0.34	53.75 -8.84 -0.36	52.44 -8.98 -0.34	50.38 -8.48 -0.38	49.46 -8.80 -0.36	49.83 -8.52 -0.37	48.23 -8.38 -0.35	51.08 -8.40 -0.29	51.57 -8.97 -0.34	56.01 -8.98 -0.41	53.66 -8.83 -0.32	44.61 -5.37 -1.13	43.83 -5.53 -0.39
NEVERSINK___HYD 23608	55.21 3.42 0.00	47.89 2.84 0.00	45.22 2.56 0.00	44.48 2.40 0.00	45.13 2.47 0.00	47.02 2.75 0.00	52.37 3.43 0.00	61.43 3.09 -12.25	72.55 3.92 -12.64	78.03 4.60 -10.39	82.07 4.81 -13.20	82.36 4.59 -13.96	81.22 4.48 -14.51	79.12 4.34 -13.69	78.00 4.15 -15.36	76.72 4.00 -14.83	77.07 4.12 -14.96	74.61 3.88 -14.48	75.20 4.08 -11.93	78.43 4.21 -14.02	86.05 4.78 -16.70	79.71 4.60 -12.94	70.98 3.37 -18.76	58.68 3.28 -6.42



NEWTON___FALLS_HYD 23847	48.94 -2.85 0.00	42.67 -2.39 0.00	40.48 -2.18 0.00	39.94 -2.15 0.00	40.44 -2.22 0.00	42.06 -2.21 0.00	46.89 -2.06 0.00	44.52 -1.57 0.00	53.64 -2.35 0.00	59.32 -3.72 0.00	60.16 -3.91 0.00	60.36 -3.45 0.00	59.12 -3.11 0.00	58.09 -2.99 0.00	55.85 -2.63 0.00	55.76 -2.14 0.00	55.27 -2.73 0.00	53.61 -2.64 0.00	55.75 -3.43 0.00	56.77 -3.43 0.00	60.70 -3.87 0.00	58.75 -3.42 0.00	46.95 -1.91 0.00	46.68 -2.30 0.00
NIAGARA____ 23760	48.06 -3.73 0.00	41.00 -4.05 0.00	39.20 -3.46 0.00	39.01 -3.07 0.00	39.29 -3.37 0.00	41.00 -3.28 0.00	42.38 -6.56 0.00	38.65 -7.97 -0.53	46.07 -9.97 -0.04	52.11 -10.97 -0.03	53.28 -10.83 -0.04	53.07 -10.78 -0.04	51.26 -11.02 -0.04	50.32 -10.81 -0.04	48.06 -10.47 -0.05	47.87 -10.07 -0.05	47.71 -10.32 -0.05	46.18 -10.13 -0.04	48.51 -10.71 -0.04	49.53 -10.72 -0.04	53.52 -11.11 -0.05	50.71 -11.50 -0.04	43.46 -6.20 -0.82	43.58 -5.68 -0.28
NINE_MILE_1 23575	50.08 -1.71 0.00	43.52 -1.53 0.00	41.21 -1.45 0.00	40.69 -1.39 0.00	41.25 -1.41 0.00	42.86 -1.42 0.00	47.42 -1.52 0.00	44.57 -1.52 0.00	54.14 -1.85 0.00	61.09 -1.95 0.00	62.15 -1.92 0.00	61.83 -1.98 0.00	60.24 -1.99 0.00	59.13 -1.95 0.00	56.56 -1.93 0.00	55.99 -1.91 0.00	56.08 -1.91 0.00	54.40 -1.86 0.00	57.23 -1.95 0.00	58.21 -1.99 0.00	62.58 -2.00 0.00	60.11 -2.05 0.00	47.09 -1.76 0.00	47.17 -1.81 0.00
NINE_MILE_2 23744	50.13 -1.66 0.00	43.52 -1.53 0.00	41.21 -1.45 0.00	40.69 -1.39 0.00	41.25 -1.41 0.00	42.86 -1.42 0.00	47.47 -1.47 0.00	44.57 -1.52 0.00	54.20 -1.79 0.00	61.09 -1.95 0.00	62.15 -1.92 0.00	61.83 -1.98 0.00	60.24 -1.99 0.00	59.13 -1.95 0.00	56.56 -1.93 0.00	55.99 -1.91 0.00	56.08 -1.91 0.00	54.40 -1.86 0.00	57.23 -1.95 0.00	58.21 -1.99 0.00	62.58 -2.00 0.00	60.11 -2.05 0.00	47.14 -1.71 0.00	47.17 -1.81 0.00
NM_CAPITAL___DRP 24208	54.74 2.95 0.00	47.62 2.57 0.00	44.92 2.26 0.00	44.27 2.19 0.00	44.96 2.30 0.00	46.58 2.30 0.00	51.68 2.74 0.00	48.21 2.12 0.00	58.85 2.86 0.00	66.45 3.40 0.00	67.59 3.52 0.00	67.00 3.19 0.00	65.47 3.24 0.00	64.20 3.12 0.00	61.41 2.92 0.00	60.80 2.90 0.00	60.89 2.90 0.00	59.07 2.81 0.00	62.15 2.96 0.00	63.39 3.19 0.00	68.32 3.75 0.00	65.15 2.98 0.00	51.29 2.44 0.00	51.62 2.64 0.00
NM_CENTRAL___DRP 24181	50.65 -1.14 0.00	43.97 -1.08 0.00	41.63 -1.02 0.00	41.11 -0.97 0.00	41.63 -1.02 0.00	43.30 -0.97 0.00	48.11 -0.83 0.00	45.12 -0.97 0.00	54.87 -1.12 0.00	61.91 -1.13 0.00	62.98 -1.09 0.00	62.66 -1.15 0.00	60.99 -1.24 0.00	59.86 -1.22 0.00	57.32 -1.17 0.00	56.69 -1.22 0.00	56.77 -1.22 0.00	55.08 -1.18 0.00	57.94 -1.24 0.00	58.99 -1.20 0.00	63.48 -1.10 0.00	60.98 -1.18 0.00	47.68 -1.17 0.00	47.75 -1.22 0.00
NM_FRONTIER___DRP 24179	48.22 -3.57 0.00	41.14 -3.92 0.00	39.33 -3.33 0.00	39.14 -2.95 0.00	39.41 -3.24 0.00	41.13 -3.14 0.00	42.24 -6.70 0.00	38.47 -8.16 -0.53	45.83 -10.25 -0.09	51.89 -11.22 -0.07	53.08 -11.08 -0.09	52.87 -11.04 -0.10	51.07 -11.26 -0.10	50.12 -11.06 -0.10	47.89 -10.70 -0.11	47.70 -10.31 -0.10	47.54 -10.55 -0.10	46.01 -10.35 -0.10	48.32 -10.95 -0.08	49.40 -10.90 -0.10	53.33 -11.37 -0.11	50.51 -11.75 -0.09	43.46 -6.20 -0.82	43.67 -5.58 -0.28
NM_ST_REGIS___HYD 24053	48.53 -3.26 0.00	42.35 -2.70 0.00	40.22 -2.43 0.00	39.68 -2.40 0.00	40.18 -2.47 0.00	41.71 -2.57 0.00	46.10 -2.84 0.00	44.25 -1.84 0.00	53.30 -2.69 0.00	58.88 -4.16 0.00	59.71 -4.36 0.00	60.11 -3.70 0.00	58.87 -3.36 0.00	57.97 -3.12 0.00	55.62 -2.87 0.00	55.59 -2.32 0.00	55.03 -2.96 0.00	53.33 -2.93 0.00	55.69 -3.49 0.00	56.71 -3.49 0.00	60.38 -4.20 0.00	58.75 -3.42 0.00	47.04 -1.81 0.00	46.58 -2.40 0.00
NORTHPORT___1 23551	73.44 7.41 -14.25	70.62 5.99 -19.57	65.14 5.46 -17.02	47.40 5.30 -0.02	48.13 5.46 -0.02	63.29 5.76 -13.26	67.88 6.80 -12.14	75.83 5.95 -23.79	79.15 6.44 -16.72	79.15 6.75 -9.36	79.15 6.98 -8.10	79.15 6.57 -8.77	79.15 6.60 -10.32	79.15 6.41 -11.65	79.15 6.14 -14.52	79.15 5.79 -15.46	79.15 5.86 -15.30	79.15 5.68 -17.21	79.15 6.39 -13.57	79.15 6.74 -12.21	79.15 7.81 -6.76	79.15 6.78 -10.21	81.57 6.16 -26.57	74.78 6.76 -19.04
NORTHPORT___2 23552	73.44 7.41 -14.25	70.62 5.99 -19.57	65.14 5.46 -17.02	47.40 5.30 -0.02	48.13 5.46 -0.02	63.29 5.76 -13.26	67.88 6.80 -12.14	75.83 5.95 -23.79	79.15 6.44 -16.72	79.15 6.75 -9.36	79.15 6.98 -8.10	79.15 6.57 -8.77	79.15 6.60 -10.32	79.15 6.41 -11.65	79.15 6.14 -14.52	79.15 5.79 -15.46	79.15 5.86 -15.30	79.15 5.68 -17.21	79.15 6.39 -13.57	79.15 6.74 -12.21	79.15 7.81 -6.76	79.15 6.78 -10.21	81.57 6.16 -26.57	74.78 6.76 -19.04
NORTHPORT___3 23553	72.10 6.06 -14.25	70.98 6.35 -19.57	65.48 5.80 -17.02	47.70 5.60 -0.02	48.43 5.76 -0.02	63.65 6.11 -13.26	68.32 7.24 -12.14	75.83 5.95 -23.79	79.78 5.88 -17.90	84.06 6.30 -14.71	89.29 6.53 -18.69	89.83 6.25 -19.77	89.07 6.29 -20.55	86.46 5.99 -19.39	85.92 5.67 -21.76	84.28 5.38 -21.00	84.63 5.45 -21.19	82.10 5.34 -20.50	82.11 6.04 -16.89	86.55 6.50 -19.85	95.84 7.62 -23.64	87.02 6.53 -18.33	79.96 4.54 -26.57	73.31 5.29 -19.04
NORTHPORT___4 23650	72.10 6.06 -14.25	70.98 6.35 -19.57	65.48 5.80 -17.02	47.70 5.60 -0.02	48.43 5.76 -0.02	63.65 6.11 -13.26	68.32 7.24 -12.14	75.83 5.95 -23.79	79.78 5.88 -17.90	84.06 6.30 -14.71	89.29 6.53 -18.69	89.83 6.25 -19.77	89.07 6.29 -20.55	86.46 5.99 -19.39	85.92 5.67 -21.76	84.28 5.38 -21.00	84.63 5.45 -21.19	82.10 5.34 -20.50	82.11 6.04 -16.89	86.55 6.50 -19.85	95.84 7.62 -23.64	87.02 6.53 -18.33	79.96 4.54 -26.57	73.31 5.29 -19.04
NORTHPORT___IC 23718	73.44 7.41 -14.25	70.62 5.99 -19.57	65.14 5.46 -17.02	47.40 5.30 -0.02	48.13 5.46 -0.02	63.29 5.76 -13.26	67.88 6.80 -12.14	75.83 5.95 -23.79	79.15 6.44 -16.72	79.15 6.75 -9.36	79.15 6.98 -8.10	79.15 6.57 -8.77	79.15 6.60 -10.32	79.15 6.41 -11.65	79.15 6.14 -14.52	79.15 5.79 -15.46	79.15 5.86 -15.30	79.15 5.68 -17.21	79.15 6.39 -13.57	79.15 6.74 -12.21	79.15 7.81 -6.76	79.15 6.78 -10.21	81.57 6.16 -26.57	74.78 6.76 -19.04
NPX_GEN_CSC 323557	66.79 7.61 -7.39	71.25 6.62 -19.57	65.74 6.06 -17.02	47.99 5.89 -0.02	48.73 6.06 -0.02	63.96 6.42 -13.26	66.68 7.54 -10.20	78.19 6.36 -25.74	80.62 6.72 -17.90	84.63 6.87 -14.71	89.93 7.18 -18.69	90.40 6.83 -19.77	89.63 6.85 -20.55	87.01 6.54 -19.39	86.44 6.20 -21.76	84.75 5.85 -21.00	85.15 5.97 -21.19	82.55 5.79 -20.50	82.59 6.51 -16.89	87.03 6.98 -19.85	96.29 8.07 -23.64	87.52 7.02 -18.33	82.87 6.01 -28.01	73.29 6.71 -17.60
NSINS_S_GLNS_FALLS 23858	54.38 2.59 0.00	47.35 2.30 0.00	44.70 2.05 0.00	44.02 1.94 0.00	44.75 2.09 0.00	46.27 1.99 0.00	52.07 3.13 0.00	49.20 2.49 -0.62	59.88 3.25 -0.64	67.28 3.72 -0.52	68.51 3.78 -0.66	68.47 3.96 -0.70	66.33 3.36 -0.73	65.38 3.60 -0.69	62.59 3.33 -0.77	62.01 3.36 -0.75	61.70 2.96 -0.75	59.97 2.98 -0.73	62.86 3.08 -0.60	64.45 3.55 -0.71	69.49 4.07 -0.84	65.68 2.86 -0.65	52.14 2.34 -0.94	51.80 2.50 -0.32
NUCOR_STEEL___DRP 24197	48.99 -2.80 0.00	42.49 -2.57 0.00	40.27 -2.39 0.00	39.77 -2.31 0.00	40.27 -2.39 0.00	41.93 -2.35 0.00	46.74 -2.20 0.00	44.38 -2.17 -0.45	53.88 -2.58 -0.47	60.78 -2.65 -0.38	62.06 -2.50 -0.49	61.71 -2.62 -0.52	60.09 -2.68 -0.54	58.84 -2.75 -0.51	56.42 -2.63 -0.57	55.79 -2.66 -0.55	55.88 -2.67 -0.55	54.20 -2.59 -0.53	56.90 -2.72 -0.44	57.95 -2.77 -0.52	62.55 -2.65 -0.62	60.09 -2.55 -0.48	46.86 -2.69 -0.69	46.28 -2.94 -0.24



NYISO_LBMP_REFERENCE 24008	51.79 0.00 0.00	45.05 0.00 0.00	42.66 0.00 0.00	42.08 0.00 0.00	42.66 0.00 0.00	44.28 0.00 0.00	48.94 0.00 0.00	46.09 0.00 0.00	55.99 0.00 0.00	63.04 0.00 0.00	64.07 0.00 0.00	63.81 0.00 0.00	62.23 0.00 0.00	61.09 0.00 0.00	58.49 0.00 0.00	57.90 0.00 0.00	57.99 0.00 0.00	56.26 0.00 0.00	59.19 0.00 0.00	60.20 0.00 0.00	64.58 0.00 0.00	62.16 0.00 0.00	48.85 0.00 0.00	48.98 0.00 0.00
NYPA_BRENTWD____GT 24164	74.01 7.98 -14.25	71.21 6.58 -19.57	65.69 6.01 -17.02	47.95 5.85 -0.02	48.69 6.01 -0.02	63.87 6.33 -13.26	68.57 7.49 -12.14	76.57 6.68 -23.79	81.34 7.45 -17.90	85.26 7.50 -14.71	90.31 7.56 -18.69	90.79 7.21 -19.77	89.94 7.16 -20.55	87.68 7.21 -19.39	87.09 6.84 -21.76	85.38 6.48 -21.00	85.73 6.55 -21.19	83.11 6.36 -20.50	83.18 7.10 -16.89	87.33 7.28 -19.85	96.61 8.40 -23.64	87.83 7.34 -18.33	82.26 6.84 -26.57	75.36 7.35 -19.04
NYPA_GOWANUS____GT5 24156	57.65 5.85 -0.01	49.93 4.87 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.53 5.58 -0.01	68.48 5.02 -17.36	80.00 6.10 -17.90	84.94 7.19 -14.71	90.06 7.30 -18.69	90.85 7.27 -19.77	89.81 7.03 -20.55	87.26 6.78 -19.39	86.73 6.49 -21.76	85.33 6.43 -21.00	85.67 6.50 -21.19	83.00 6.24 -20.50	82.64 6.57 -16.89	86.85 6.80 -19.85	95.84 7.62 -23.64	87.46 6.96 -18.34	81.04 5.62 -26.57	63.66 5.58 -9.09
NYPA_GOWANUS____GT6 24157	57.65 5.85 -0.01	49.93 4.87 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.53 5.58 -0.01	68.48 5.02 -17.36	80.00 6.10 -17.90	84.94 7.19 -14.71	90.06 7.30 -18.69	90.85 7.27 -19.77	89.81 7.03 -20.55	87.26 6.78 -19.39	86.73 6.49 -21.76	85.33 6.43 -21.00	85.67 6.50 -21.19	83.00 6.24 -20.50	82.64 6.57 -16.89	86.85 6.80 -19.85	95.84 7.62 -23.64	87.46 6.96 -18.34	81.04 5.62 -26.57	63.66 5.58 -9.09
NYPA_HARLEM__RVR__GT1 24160	58.32 6.53 -0.01	50.42 5.36 -0.01	47.48 4.82 -0.01	46.72 4.63 -0.01	47.44 4.78 -0.01	49.38 5.09 -0.01	55.07 6.12 -0.01	68.84 5.39 -17.36	80.45 6.55 -17.90	85.38 7.63 -14.71	90.44 7.69 -18.69	91.10 7.53 -19.77	90.06 7.28 -20.55	87.68 7.21 -19.39	87.14 6.90 -21.76	85.67 6.77 -21.00	86.08 6.90 -21.19	83.39 6.64 -20.50	83.06 6.98 -16.89	87.27 7.22 -19.85	96.29 8.07 -23.64	87.96 7.46 -18.34	81.48 6.06 -26.57	64.15 6.07 -9.09
NYPA_HARLEM__RVR__GT2 24161	58.32 6.53 -0.01	50.42 5.36 -0.01	47.48 4.82 -0.01	46.72 4.63 -0.01	47.44 4.78 -0.01	49.38 5.09 -0.01	55.07 6.12 -0.01	68.84 5.39 -17.36	80.45 6.55 -17.90	85.38 7.63 -14.71	90.44 7.69 -18.69	91.10 7.53 -19.77	90.06 7.28 -20.55	87.68 7.21 -19.39	87.14 6.90 -21.76	85.67 6.77 -21.00	86.08 6.90 -21.19	83.39 6.64 -20.50	83.06 6.98 -16.89	87.27 7.22 -19.85	96.29 8.07 -23.64	87.96 7.46 -18.34	81.48 6.06 -26.57	64.15 6.07 -9.09
NYPA_KENT____GT 24152	57.81 6.01 -0.01	50.02 4.96 -0.01	47.10 4.44 -0.01	46.34 4.25 -0.01	47.06 4.39 -0.01	48.98 4.69 -0.01	54.63 5.68 -0.01	68.48 5.02 -17.36	80.00 6.10 -17.90	84.94 7.19 -14.71	90.06 7.30 -18.69	90.72 7.15 -19.77	89.75 6.97 -20.55	87.26 6.78 -19.39	86.73 6.49 -21.76	85.27 6.37 -21.00	85.67 6.50 -21.19	83.00 6.24 -20.50	82.64 6.57 -16.89	86.79 6.74 -19.85	95.84 7.62 -23.64	87.40 6.90 -18.34	81.04 5.62 -26.57	63.71 5.63 -9.09
NYPA_POUCH1____GT 24155	57.55 5.75 -0.01	49.84 4.78 -0.01	46.97 4.31 -0.01	46.17 4.08 -0.01	46.93 4.27 -0.01	48.84 4.56 -0.01	54.43 5.48 -0.01	68.38 4.93 -17.36	79.89 5.99 -17.90	84.75 7.00 -14.71	89.99 7.24 -18.69	90.66 7.08 -19.77	89.69 6.91 -20.55	87.07 6.60 -19.39	86.62 6.37 -21.76	85.15 6.25 -21.00	85.56 6.38 -21.19	82.89 6.13 -20.50	82.53 6.45 -16.89	86.73 6.68 -19.85	95.77 7.56 -23.64	87.34 6.84 -18.34	80.94 5.52 -26.57	63.56 5.49 -9.09
NYPA_VERNON____GT2 24162	57.86 6.06 -0.01	50.06 5.00 -0.01	47.14 4.48 -0.01	46.38 4.29 -0.01	47.10 4.44 -0.01	49.02 4.74 -0.01	54.67 5.73 -0.01	68.48 5.02 -17.36	80.00 6.10 -17.90	84.94 7.19 -14.71	90.06 7.30 -18.69	90.72 7.15 -19.77	89.69 6.91 -20.55	87.19 6.72 -19.39	86.73 6.49 -21.76	85.21 6.31 -21.00	85.61 6.44 -21.19	82.94 6.19 -20.50	82.59 6.51 -16.89	86.73 6.68 -19.85	95.71 7.49 -23.64	87.34 6.84 -18.34	80.99 5.57 -26.57	63.75 5.68 -9.09
NYPA_VERNON____GT3 24163	57.86 6.06 -0.01	50.06 5.00 -0.01	47.14 4.48 -0.01	46.38 4.29 -0.01	47.10 4.44 -0.01	49.02 4.74 -0.01	54.67 5.73 -0.01	68.48 5.02 -17.36	80.00 6.10 -17.90	84.94 7.19 -14.71	90.06 7.30 -18.69	90.72 7.15 -19.77	89.69 6.91 -20.55	87.19 6.72 -19.39	86.73 6.49 -21.76	85.21 6.31 -21.00	85.61 6.44 -21.19	82.94 6.19 -20.50	82.59 6.51 -16.89	86.73 6.68 -19.85	95.71 7.49 -23.64	87.34 6.84 -18.34	80.99 5.57 -26.57	63.75 5.68 -9.09
NYPA__ASTORIA_CC1 323568	57.96 6.16 -0.01	50.15 5.09 -0.01	47.23 4.56 -0.01	46.42 4.33 -0.01	47.14 4.48 -0.01	49.11 4.83 -0.01	54.72 5.78 -0.01	68.52 5.07 -17.36	80.11 6.22 -17.90	85.00 7.25 -14.71	90.19 7.43 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.32 6.84 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.85 6.80 -19.85	95.84 7.62 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.80 5.73 -9.09
NYPA__ASTORIA_CC2 323569	57.96 6.16 -0.01	50.15 5.09 -0.01	47.23 4.56 -0.01	46.42 4.33 -0.01	47.14 4.48 -0.01	49.11 4.83 -0.01	54.72 5.78 -0.01	68.52 5.07 -17.36	80.11 6.22 -17.90	85.00 7.25 -14.71	90.19 7.43 -18.69	90.79 7.21 -19.77	89.75 6.97 -20.55	87.32 6.84 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.85 6.80 -19.85	95.84 7.62 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.80 5.73 -9.09
NYPA__HOLTSVILL 23794	73.65 7.61 -14.25	71.07 6.44 -19.57	65.61 5.93 -17.02	47.86 5.77 -0.02	48.56 5.89 -0.02	63.78 6.24 -13.26	68.42 7.34 -12.14	76.20 6.31 -23.79	80.73 6.83 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.81 7.03 -20.55	87.26 6.78 -19.39	86.73 6.49 -21.76	85.04 6.14 -21.00	85.38 6.21 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.21 7.16 -19.85	96.55 8.33 -23.64	87.77 7.27 -18.33	81.62 6.20 -26.57	74.83 6.81 -19.04
NYPA__HELLGATE_GT1 24158	58.32 6.53 -0.01	50.42 5.36 -0.01	47.48 4.82 -0.01	46.72 4.63 -0.01	47.44 4.78 -0.01	49.38 5.09 -0.01	55.07 6.12 -0.01	68.84 5.39 -17.36	80.45 6.55 -17.90	85.38 7.63 -14.71	90.44 7.69 -18.69	91.11 7.53 -19.77	90.06 7.28 -20.55	87.68 7.21 -19.39	87.14 6.90 -21.76	85.68 6.77 -21.00	86.08 6.90 -21.19	83.39 6.64 -20.50	83.06 6.98 -16.89	87.27 7.22 -19.85	96.29 8.07 -23.64	87.96 7.46 -18.34	81.48 6.06 -26.57	64.15 6.07 -9.09
NYPA__HELLGATE_GT2 24159	58.32 6.53 -0.01	50.42 5.36 -0.01	47.48 4.82 -0.01	46.72 4.63 -0.01	47.44 4.78 -0.01	49.38 5.09 -0.01	55.07 6.12 -0.01	68.84 5.39 -17.36	80.45 6.55 -17.90	85.38 7.63 -14.71	90.44 7.69 -18.69	91.11 7.53 -19.77	90.06 7.28 -20.55	87.68 7.21 -19.39	87.14 6.90 -21.76	85.68 6.77 -21.00	86.08 6.90 -21.19	83.39 6.64 -20.50	83.06 6.98 -16.89	87.27 7.22 -19.85	96.29 8.07 -23.64	87.96 7.46 -18.34	81.48 6.06 -26.57	64.15 6.07 -9.09
NYS_BARGE__HYD 23848	48.32 -3.47 0.00	41.27 -3.78 0.00	39.46 -3.20 0.00	39.26 -2.82 0.00	39.54 -3.11 0.00	41.27 -3.01 0.00	42.73 -6.22 0.00	39.07 -7.56 -0.53	47.19 -9.41 -0.60	53.32 -10.21 -0.50	54.64 -10.06 -0.63	54.46 -10.02 -0.67	52.66 -10.27 -0.69	51.60 -10.14 -0.65	49.45 -9.77 -0.73	49.17 -9.44 -0.71	49.02 -9.68 -0.71	47.50 -9.45 -0.69	49.75 -10.00 -0.57	50.87 -9.99 -0.67	55.11 -10.27 -0.80	52.09 -10.69 -0.62	43.86 -5.81 -0.82	43.92 -5.34 -0.28



O.H_GEN_BRUCE 24063	41.20 -3.73 6.86	41.00 -4.05 0.00	39.24 -3.41 0.00	39.01 -3.07 0.00	39.29 -3.37 0.00	41.00 -3.28 0.00	40.49 -6.51 1.94	40.64 -7.93 -2.48	46.13 -9.91 -0.05	52.24 -10.84 -0.04	53.36 -10.76 -0.05	53.14 -10.72 -0.05	51.40 -10.89 -0.06	50.45 -10.69 -0.05	48.13 -10.41 -0.06	48.00 -9.96 -0.06	47.84 -10.21 -0.06	46.30 -10.01 -0.06	48.64 -10.59 -0.05	49.66 -10.59 -0.06	53.66 -10.98 -0.06	50.84 -11.38 -0.05	45.00 -6.11 -2.26	42.14 -5.68 1.16
OAK ORCHARD___HYD 24046	49.77 -2.02 0.00	42.98 -2.07 0.00	40.99 -1.66 0.00	40.61 -1.47 0.00	41.04 -1.62 0.00	42.82 -1.46 0.00	47.13 -1.81 0.00	44.42 -2.12 -0.45	54.22 -2.24 -0.47	61.16 -2.27 -0.38	62.50 -2.05 -0.49	62.28 -2.04 -0.52	60.41 -2.36 -0.54	59.27 -2.32 -0.51	56.71 -2.34 -0.57	56.25 -2.20 -0.55	56.22 -2.32 -0.55	54.54 -2.25 -0.53	57.14 -2.49 -0.44	58.25 -2.47 -0.52	62.93 -2.26 -0.62	60.28 -2.36 -0.48	47.05 -2.49 -0.69	46.28 -2.94 -0.24
OCC_CHEM___DRP 24175	48.22 -3.57 0.00	41.14 -3.92 0.00	39.37 -3.28 0.00	39.14 -2.95 0.00	39.41 -3.24 0.00	41.13 -3.14 0.00	42.24 -6.70 0.00	38.47 -8.16 -0.53	45.78 -10.30 -0.10	51.90 -11.22 -0.08	53.08 -11.08 -0.10	52.87 -11.04 -0.10	51.08 -11.26 -0.11	50.13 -11.06 -0.10	47.90 -10.70 -0.11	47.71 -10.31 -0.11	47.55 -10.55 -0.11	46.01 -10.35 -0.11	48.33 -10.95 -0.09	49.35 -10.96 -0.10	53.34 -11.37 -0.12	50.51 -11.75 -0.10	43.46 -6.20 -0.82	43.72 -5.53 -0.28
OLIN_CORP_DRP 24177	48.11 -3.68 0.00	41.09 -3.96 0.00	39.29 -3.37 0.00	39.05 -3.03 0.00	39.37 -3.28 0.00	41.09 -3.19 0.00	42.38 -6.56 0.00	38.65 -7.97 -0.53	46.17 -10.02 -0.20	52.30 -10.91 -0.16	53.51 -10.76 -0.20	53.30 -10.72 -0.22	51.51 -10.95 -0.22	50.49 -10.81 -0.21	48.25 -10.47 -0.24	48.05 -10.07 -0.23	47.90 -10.32 -0.23	46.41 -10.07 -0.22	48.72 -10.65 -0.18	49.76 -10.65 -0.22	53.79 -11.04 -0.26	50.93 -11.44 -0.20	43.51 -6.16 -0.82	43.67 -5.58 -0.28
ONONDAGA_REF_OCCRA 23987	50.65 -1.14 0.00	43.97 -1.08 0.00	41.63 -1.02 0.00	41.11 -0.97 0.00	41.63 -1.02 0.00	43.30 -0.97 0.00	48.16 -0.78 0.00	45.26 -0.83 0.00	54.98 -1.01 0.00	62.03 -1.01 0.00	63.17 -0.90 0.00	62.79 -1.02 0.00	61.18 -1.06 0.00	59.99 -1.10 0.00	57.43 -1.05 0.00	56.80 -1.10 0.00	56.95 -1.04 0.00	55.24 -1.01 0.00	58.12 -1.07 0.00	59.11 -1.08 0.00	63.61 -0.97 0.00	61.17 -0.99 0.00	47.78 -1.07 0.00	47.75 -1.22 0.00
ONONDAGA___COGEN 23986	50.75 -1.04 0.00	44.06 -0.99 0.00	41.72 -0.94 0.00	41.20 -0.88 0.00	41.72 -0.94 0.00	43.39 -0.89 0.00	48.26 -0.69 0.00	45.40 -0.69 0.00	55.21 -0.78 0.00	62.28 -0.76 0.00	63.36 -0.70 0.00	63.04 -0.77 0.00	61.43 -0.81 0.00	60.23 -0.86 0.00	57.67 -0.82 0.00	57.03 -0.87 0.00	57.12 -0.87 0.00	55.41 -0.84 0.00	58.30 -0.89 0.00	59.29 -0.90 0.00	63.87 -0.71 0.00	61.42 -0.75 0.00	47.82 -1.03 0.00	47.85 -1.13 0.00
ONTARIO___LFGE 23819	49.20 -2.59 0.00	42.53 -2.52 0.00	40.31 -2.35 0.00	39.89 -2.19 0.00	40.40 -2.26 0.00	42.06 -2.21 0.00	46.59 -2.35 0.00	44.09 -2.53 -0.53	53.60 -3.02 -0.63	60.41 -3.15 -0.52	61.72 -3.01 -0.66	61.45 -3.06 -0.70	59.79 -3.17 -0.73	58.54 -3.24 -0.69	56.10 -3.16 -0.77	55.46 -3.18 -0.74	55.55 -3.19 -0.75	53.89 -3.09 -0.73	56.59 -3.20 -0.60	57.65 -3.25 -0.70	62.32 -3.10 -0.84	59.58 -3.23 -0.65	46.88 -2.78 -0.82	46.22 -3.04 -0.28
OSWEGATCHIE___HYD 24044	48.94 -2.85 0.00	42.67 -2.39 0.00	40.48 -2.18 0.00	39.94 -2.15 0.00	40.44 -2.22 0.00	42.06 -2.21 0.00	46.89 -2.06 0.00	44.52 -1.57 0.00	53.64 -2.35 0.00	59.32 -3.72 0.00	60.16 -3.91 0.00	60.36 -3.45 0.00	59.12 -3.11 0.00	58.09 -2.99 0.00	55.85 -2.63 0.00	55.76 -2.14 0.00	55.27 -2.73 0.00	53.61 -2.64 0.00	55.75 -3.43 0.00	56.77 -3.43 0.00	60.70 -3.87 0.00	58.75 -3.42 0.00	46.95 -1.91 0.00	46.68 -2.30 0.00
OSWEGO___5 23606	50.34 -1.45 0.00	43.75 -1.31 0.00	41.42 -1.24 0.00	40.90 -1.18 0.00	41.46 -1.19 0.00	43.08 -1.20 0.00	47.72 -1.22 0.00	44.80 -1.29 0.00	54.48 -1.51 0.00	61.40 -1.64 0.00	62.47 -1.60 0.00	62.15 -1.66 0.00	60.55 -1.68 0.00	59.44 -1.65 0.00	56.91 -1.58 0.00	56.28 -1.62 0.00	56.37 -1.62 0.00	54.68 -1.58 0.00	57.53 -1.66 0.00	58.51 -1.69 0.00	62.96 -1.61 0.00	60.49 -1.68 0.00	47.39 -1.47 0.00	47.41 -1.57 0.00
OSWEGO___6 23613	50.34 -1.45 0.00	43.75 -1.31 0.00	41.42 -1.24 0.00	40.90 -1.18 0.00	41.46 -1.19 0.00	43.08 -1.20 0.00	47.72 -1.22 0.00	44.80 -1.29 0.00	54.48 -1.51 0.00	61.40 -1.64 0.00	62.47 -1.60 0.00	62.15 -1.66 0.00	60.55 -1.68 0.00	59.44 -1.65 0.00	56.91 -1.58 0.00	56.28 -1.62 0.00	56.37 -1.62 0.00	54.68 -1.58 0.00	57.53 -1.66 0.00	58.51 -1.69 0.00	62.96 -1.61 0.00	60.49 -1.68 0.00	47.39 -1.47 0.00	47.41 -1.57 0.00
OUTOKUMPU-AB___DRP 24206	48.48 -3.31 0.00	41.41 -3.65 0.00	39.54 -3.11 0.00	39.35 -2.74 0.00	39.63 -3.03 0.00	41.35 -2.92 0.00	42.53 -6.41 0.00	38.79 -7.84 -0.53	46.34 -9.85 -0.21	52.56 -10.65 -0.17	53.77 -10.51 -0.21	53.63 -10.40 -0.23	51.83 -10.64 -0.24	50.80 -10.51 -0.22	48.56 -10.18 -0.25	48.30 -9.84 -0.24	48.14 -10.09 -0.24	46.65 -9.85 -0.23	49.02 -10.36 -0.19	50.01 -10.41 -0.23	54.06 -10.78 -0.27	51.31 -11.07 -0.21	43.81 -5.86 -0.82	44.07 -5.19 -0.28
OXBOW___ 24026	48.37 -3.42 0.00	41.32 -3.74 0.00	39.50 -3.16 0.00	39.26 -2.82 0.00	39.54 -3.11 0.00	41.27 -3.01 0.00	42.38 -6.56 0.00	38.65 -7.97 -0.53	46.06 -10.08 -0.15	52.26 -10.91 -0.12	53.46 -10.76 -0.16	53.25 -10.72 -0.17	51.45 -10.95 -0.17	50.50 -10.75 -0.16	48.26 -10.41 -0.18	48.00 -10.07 -0.18	47.85 -10.32 -0.18	46.36 -10.07 -0.17	48.68 -10.65 -0.14	49.71 -10.65 -0.17	53.73 -11.04 -0.20	50.94 -11.38 -0.15	43.66 -6.01 -0.82	43.92 -5.34 -0.28
PEEKSKILL___ 23653	56.81 5.02 0.00	49.25 4.19 0.00	46.41 3.75 0.00	45.66 3.58 0.00	46.37 3.71 0.00	48.26 3.98 0.00	53.79 4.85 0.00	67.65 4.29 -17.27	79.13 5.32 -17.82	83.86 6.18 -14.64	89.07 6.41 -18.60	89.61 6.13 -19.68	88.66 5.97 -20.45	86.19 5.80 -19.30	85.75 5.61 -21.65	84.24 5.44 -20.90	84.64 5.57 -21.09	82.00 5.34 -20.40	81.62 5.62 -16.81	85.73 5.78 -19.75	94.69 6.59 -23.53	86.31 5.91 -18.24	80.02 4.74 -26.43	62.77 4.75 -9.04
PGE MADISON___WINDPWR 24146	50.34 -1.45 0.00	43.75 -1.31 0.00	41.33 -1.32 0.00	40.86 -1.22 0.00	41.38 -1.28 0.00	43.13 -1.15 0.00	48.16 -0.78 0.00	46.05 -1.15 -1.11	55.91 -1.29 -1.20	62.83 -1.20 -0.99	64.30 -1.03 -1.26	63.92 -1.21 -1.33	62.25 -1.37 -1.38	60.86 -1.53 -1.30	58.43 -1.52 -1.46	57.69 -1.62 -1.41	57.91 -1.51 -1.43	56.12 -1.52 -1.38	58.90 -1.42 -1.14	60.03 -1.50 -1.34	65.07 -1.10 -1.59	62.47 -0.93 -1.23	49.18 -1.37 -1.70	48.14 -1.42 -0.58
PIERCEFIELD___HYD 23852	48.27 -3.52 0.00	42.13 -2.93 0.00	40.01 -2.64 0.00	39.43 -2.65 0.00	39.93 -2.73 0.00	41.49 -2.79 0.00	45.96 -2.99 0.00	44.02 -2.07 0.00	53.08 -2.91 0.00	58.44 -4.60 0.00	59.26 -4.81 0.00	59.72 -4.08 0.00	58.56 -3.67 0.00	57.67 -3.42 0.00	55.33 -3.16 0.00	55.35 -2.55 0.00	54.69 -3.31 0.00	52.99 -3.26 0.00	55.28 -3.91 0.00	56.28 -3.91 0.00	59.93 -4.65 0.00	58.25 -3.92 0.00	46.80 -2.05 0.00	46.33 -2.64 0.00
PINELAWN_CC_1 323563	73.08 7.04 -14.25	70.62 5.99 -19.57	65.14 5.46 -17.02	47.49 5.39 -0.02	48.18 5.50 -0.02	63.29 5.76 -13.26	67.88 6.80 -12.14	75.92 6.04 -23.79	80.45 6.55 -17.90	84.75 7.00 -14.71	89.99 7.24 -18.69	90.47 6.89 -19.77	89.63 6.85 -20.55	87.07 6.60 -19.39	86.56 6.32 -21.76	84.86 5.96 -21.00	85.21 6.03 -21.19	82.66 5.91 -20.50	82.64 6.57 -16.89	86.97 6.92 -19.85	96.29 8.07 -23.64	87.39 6.90 -18.33	81.38 5.96 -26.57	74.53 6.51 -19.04



PJM_GEN_KEYSTONE 24065	39.91 -5.02 6.86	40.50 -4.55 0.00	38.09 -4.56 0.00	37.96 -4.12 0.00	38.43 -4.22 0.00	40.11 -4.16 0.00	41.91 -5.09 1.94	43.04 -5.85 -2.81	49.60 -7.06 -0.66	55.71 -7.88 -0.55	57.26 -7.50 -0.69	57.01 -7.53 -0.73	55.34 -7.65 -0.76	53.98 -7.82 -0.72	51.98 -7.31 -0.80	51.09 -7.59 -0.78	51.41 -7.36 -0.78	49.76 -7.26 -0.76	52.59 -7.22 -0.63	53.17 -7.77 -0.73	57.77 -7.68 -0.87	55.32 -7.52 -0.68	46.87 -4.74 -2.76	43.05 -4.95 0.99
PLEASANTVLY___LBMP 24000	56.40 4.61 0.00	48.88 3.83 0.00	46.07 3.41 0.00	45.32 3.24 0.00	46.03 3.37 0.00	47.91 3.63 0.00	53.30 4.36 0.00	68.09 3.78 -18.22	79.55 4.76 -18.79	84.03 5.55 -15.45	89.39 5.70 -19.62	89.98 5.42 -20.75	89.16 5.35 -21.57	86.63 5.19 -20.35	86.30 4.97 -22.84	84.81 4.86 -22.04	85.22 4.99 -22.24	82.56 4.78 -21.52	81.95 5.03 -17.73	86.21 5.18 -20.83	95.27 5.88 -24.82	86.63 5.22 -19.24	80.98 4.25 -27.88	62.83 4.31 -9.54
POLETTI____ 23519	57.54 5.75 0.00	49.79 4.73 0.00	46.88 4.22 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.75 4.47 0.00	54.37 5.43 0.00	68.19 4.75 -17.35	79.66 5.77 -17.90	84.37 6.62 -14.71	89.61 6.86 -18.69	90.15 6.57 -19.77	89.13 6.35 -20.55	86.71 6.23 -19.39	86.21 5.97 -21.76	84.75 5.85 -21.00	85.15 5.97 -21.19	82.49 5.74 -20.50	82.11 6.04 -16.89	86.24 6.20 -19.85	95.13 6.91 -23.64	86.83 6.34 -18.33	80.64 5.23 -26.56	63.45 5.39 -9.09
PORT_JEFF_3 23555	73.60 7.56 -14.25	71.16 6.53 -19.57	65.69 6.01 -17.02	47.95 5.85 -0.02	48.65 5.97 -0.02	63.87 6.33 -13.26	68.52 7.44 -12.14	76.15 6.27 -23.79	80.62 6.72 -17.90	84.75 7.00 -14.71	90.06 7.30 -18.69	90.53 6.95 -19.77	89.75 6.97 -20.55	87.19 6.72 -19.39	86.62 6.37 -21.76	84.92 6.02 -21.00	85.27 6.09 -21.19	82.72 5.96 -20.50	82.70 6.63 -16.89	87.15 7.10 -19.85	96.42 8.20 -23.64	87.70 7.21 -18.33	81.53 6.11 -26.57	74.78 6.76 -19.04
PORT_JEFF_4 23616	73.60 7.56 -14.25	71.16 6.53 -19.57	65.69 6.01 -17.02	47.95 5.85 -0.02	48.65 5.97 -0.02	63.87 6.33 -13.26	68.52 7.44 -12.14	76.15 6.27 -23.79	80.62 6.72 -17.90	84.75 7.00 -14.71	90.06 7.30 -18.69	90.53 6.95 -19.77	89.75 6.97 -20.55	87.13 6.66 -19.39	86.62 6.37 -21.76	84.92 6.02 -21.00	85.27 6.09 -21.19	82.72 5.96 -20.50	82.70 6.63 -16.89	87.09 7.04 -19.85	96.42 8.20 -23.64	87.70 7.21 -18.33	81.53 6.11 -26.57	74.78 6.76 -19.04
PORT_JEFF_IC 23713	73.75 7.72 -14.25	71.30 6.67 -19.57	65.82 6.14 -17.02	48.03 5.93 -0.02	48.77 6.10 -0.02	64.00 6.46 -13.26	68.67 7.59 -12.14	76.34 6.45 -23.79	80.84 6.94 -17.90	85.00 7.25 -14.71	90.31 7.56 -18.69	90.79 7.21 -19.77	90.00 7.22 -20.55	87.38 6.90 -19.39	86.79 6.55 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.89 6.13 -20.50	82.94 6.87 -16.89	87.33 7.28 -19.85	96.68 8.46 -23.64	87.95 7.46 -18.33	81.67 6.25 -26.57	74.92 6.91 -19.04
PPL PILGRIM_ST_GT1 24216	74.01 7.98 -14.25	71.21 6.58 -19.57	65.69 6.01 -17.02	47.95 5.85 -0.02	48.69 6.01 -0.02	63.87 6.33 -13.26	68.57 7.49 -12.14	76.57 6.68 -23.79	81.34 7.45 -17.90	85.26 7.50 -14.71	90.31 7.56 -18.69	90.79 7.21 -19.77	89.94 7.16 -20.55	87.68 7.21 -19.39	87.09 6.84 -21.76	85.38 6.48 -21.00	85.73 6.55 -21.19	83.11 6.36 -20.50	83.18 7.10 -16.89	87.33 7.28 -19.85	96.61 8.40 -23.64	87.83 7.34 -18.33	82.26 6.84 -26.57	75.36 7.35 -19.04
PPL PILGRIM_ST_GT2 24217	74.01 7.98 -14.25	71.21 6.58 -19.57	65.69 6.01 -17.02	47.95 5.85 -0.02	48.69 6.01 -0.02	63.87 6.33 -13.26	68.57 7.49 -12.14	76.57 6.68 -23.79	81.34 7.45 -17.90	85.26 7.50 -14.71	90.31 7.56 -18.69	90.79 7.21 -19.77	89.94 7.16 -20.55	87.68 7.21 -19.39	87.09 6.84 -21.76	85.38 6.48 -21.00	85.73 6.55 -21.19	83.11 6.36 -20.50	83.18 7.10 -16.89	87.33 7.28 -19.85	96.61 8.40 -23.64	87.83 7.34 -18.33	82.26 6.84 -26.57	75.36 7.35 -19.04
PPL_SHRM_GT3 24213	73.86 7.82 -14.25	71.43 6.80 -19.57	65.91 6.23 -17.02	48.12 6.02 -0.02	48.86 6.19 -0.02	64.09 6.55 -13.26	68.76 7.68 -12.14	76.43 6.54 -23.79	80.84 6.94 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.68 6.43 -21.76	84.98 6.08 -21.00	85.32 6.15 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.27 7.22 -19.85	96.55 8.33 -23.64	87.77 7.27 -18.33	81.62 6.20 -26.57	74.87 6.86 -19.04
PPL_SHRM_GT4 24214	73.86 7.82 -14.25	71.43 6.80 -19.57	65.91 6.23 -17.02	48.12 6.02 -0.02	48.86 6.19 -0.02	64.09 6.55 -13.26	68.76 7.68 -12.14	76.43 6.54 -23.79	80.84 6.94 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.68 6.43 -21.76	84.98 6.08 -21.00	85.32 6.15 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.27 7.22 -19.85	96.55 8.33 -23.64	87.77 7.27 -18.33	81.62 6.20 -26.57	74.87 6.86 -19.04
PROJECT___ORANGE 1 24174	50.60 -1.19 0.00	43.93 -1.13 0.00	41.59 -1.07 0.00	41.07 -1.01 0.00	41.63 -1.02 0.00	43.30 -0.97 0.00	48.06 -0.88 0.00	45.12 -0.97 0.00	54.82 -1.18 0.00	61.84 -1.20 0.00	62.98 -1.09 0.00	62.66 -1.15 0.00	60.99 -1.24 0.00	59.86 -1.22 0.00	57.26 -1.23 0.00	56.69 -1.22 0.00	56.77 -1.22 0.00	55.08 -1.18 0.00	57.94 -1.24 0.00	58.93 -1.26 0.00	63.48 -1.10 0.00	60.92 -1.24 0.00	47.73 -1.12 0.00	47.75 -1.22 0.00
PROJECT___ORANGE 2 24166	50.60 -1.19 0.00	43.93 -1.13 0.00	41.59 -1.07 0.00	41.07 -1.01 0.00	41.63 -1.02 0.00	43.30 -0.97 0.00	48.06 -0.88 0.00	45.12 -0.97 0.00	54.82 -1.18 0.00	61.84 -1.20 0.00	62.98 -1.09 0.00	62.66 -1.15 0.00	60.99 -1.24 0.00	59.86 -1.22 0.00	57.26 -1.23 0.00	56.69 -1.22 0.00	56.77 -1.22 0.00	55.08 -1.18 0.00	57.94 -1.24 0.00	58.93 -1.26 0.00	63.48 -1.10 0.00	60.92 -1.24 0.00	47.73 -1.12 0.00	47.75 -1.22 0.00
PYRITES___HYD 24023	48.79 -3.00 0.00	42.58 -2.48 0.00	40.44 -2.22 0.00	39.89 -2.19 0.00	40.35 -2.30 0.00	41.93 -2.35 0.00	46.44 -2.50 0.00	44.48 -1.61 0.00	53.64 -2.35 0.00	59.20 -3.85 0.00	60.03 -4.04 0.00	60.49 -3.32 0.00	59.25 -2.99 0.00	58.28 -2.81 0.00	55.91 -2.57 0.00	55.87 -2.03 0.00	55.32 -2.67 0.00	53.61 -2.64 0.00	55.99 -3.20 0.00	56.95 -3.25 0.00	60.70 -3.87 0.00	59.18 -2.98 0.00	47.24 -1.61 0.00	46.87 -2.11 0.00
RAMAPO___LBMP 323565	56.30 4.51 0.00	48.79 3.74 0.00	45.98 3.33 0.00	45.24 3.16 0.00	45.94 3.28 0.00	47.86 3.59 0.00	53.39 4.45 0.00	66.17 3.96 -16.12	77.61 4.98 -16.63	82.44 5.74 -13.67	87.45 6.02 -17.36	87.85 5.68 -18.36	86.92 5.60 -19.09	84.47 5.38 -18.01	83.90 5.21 -20.21	82.44 5.04 -19.51	82.83 5.16 -19.68	80.25 4.95 -19.04	80.08 5.21 -15.69	83.99 5.36 -18.44	92.61 6.07 -21.96	84.60 5.41 -17.02	77.87 4.35 -24.67	61.73 4.31 -8.44
RANKINE____ 23646	48.01 -3.78 0.00	41.05 -4.01 0.00	39.16 -3.50 0.00	38.97 -3.11 0.00	39.29 -3.37 0.00	41.00 -3.28 0.00	42.53 -6.41 0.00	38.92 -7.74 -0.58	46.20 -9.74 0.05	52.41 -10.59 0.04	53.58 -10.44 0.05	53.36 -10.40 0.05	51.60 -10.58 0.05	50.59 -10.45 0.05	48.31 -10.12 0.06	48.00 -9.84 0.05	47.90 -10.03 0.06	46.42 -9.79 0.05	48.90 -10.24 0.04	49.79 -10.35 0.05	53.86 -10.66 0.06	51.18 -10.94 0.05	43.82 -5.91 -0.88	43.89 -5.39 -0.30
RAVENSWOOD_GT2_1 24244	57.54 5.75 0.00	49.83 4.78 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.79 4.52 0.00	54.37 5.43 0.00	68.19 4.75 -17.35	79.78 5.88 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.34 6.76 -19.77	89.38 6.60 -20.55	86.89 6.41 -19.39	86.44 6.20 -21.76	84.92 6.02 -21.00	85.32 6.15 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.39 7.17 -23.64	87.02 6.53 -18.33	80.74 5.32 -26.56	63.45 5.39 -9.09



RAVENSWOOD_GT2_2 24245	57.54 5.75 0.00	49.83 4.78 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.79 4.52 0.00	54.37 5.43 0.00	68.19 4.75 -17.35	79.78 5.88 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.34 6.76 -19.77	89.38 6.60 -20.55	86.89 6.41 -19.39	86.44 6.20 -21.76	84.92 6.02 -21.00	85.32 6.15 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.39 7.17 -23.64	87.02 6.53 -18.33	80.74 5.32 -26.56	63.45 5.39 -9.09
RAVENSWOOD_GT2_3 24246	57.59 5.80 0.00	49.83 4.78 0.00	46.96 4.31 0.00	46.16 4.08 0.00	46.88 4.22 0.00	48.79 4.52 0.00	54.42 5.48 0.00	68.24 4.79 -17.35	79.83 5.94 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.44 6.66 -20.55	86.95 6.48 -19.39	86.50 6.26 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.72 5.96 -20.50	82.35 6.27 -16.89	86.48 6.44 -19.85	95.45 7.23 -23.64	87.08 6.59 -18.33	80.78 5.37 -26.56	63.50 5.44 -9.09
RAVENSWOOD_GT2_4 24247	57.59 5.80 0.00	49.83 4.78 0.00	46.96 4.31 0.00	46.16 4.08 0.00	46.88 4.22 0.00	48.79 4.52 0.00	54.42 5.48 0.00	68.24 4.79 -17.35	79.83 5.94 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.44 6.66 -20.55	86.95 6.48 -19.39	86.50 6.26 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.72 5.96 -20.50	82.35 6.27 -16.89	86.48 6.44 -19.85	95.45 7.23 -23.64	87.08 6.59 -18.33	80.78 5.37 -26.56	63.50 5.44 -9.09
RAVENSWOOD_GT3_1 24248	57.54 5.75 0.00	49.83 4.78 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.79 4.52 0.00	54.37 5.43 0.00	68.19 4.75 -17.35	79.78 5.88 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.34 6.76 -19.77	89.38 6.60 -20.55	86.89 6.41 -19.39	86.44 6.20 -21.76	84.92 6.02 -21.00	85.32 6.15 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.39 7.17 -23.64	87.02 6.53 -18.33	80.74 5.32 -26.56	63.45 5.39 -9.09
RAVENSWOOD_GT3_2 24249	57.54 5.75 0.00	49.83 4.78 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.79 4.52 0.00	54.37 5.43 0.00	68.19 4.75 -17.35	79.78 5.88 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.34 6.76 -19.77	89.38 6.60 -20.55	86.89 6.41 -19.39	86.44 6.20 -21.76	84.92 6.02 -21.00	85.32 6.15 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.39 7.17 -23.64	87.02 6.53 -18.33	80.74 5.32 -26.56	63.45 5.39 -9.09
RAVENSWOOD_GT3_3 24250	57.64 5.85 0.00	49.88 4.82 0.00	46.96 4.31 0.00	46.21 4.12 0.00	46.92 4.27 0.00	48.84 4.56 0.00	54.42 5.48 0.00	68.28 4.84 -17.35	79.83 5.94 -17.90	84.69 6.93 -14.71	89.93 7.18 -18.69	90.47 6.89 -19.77	89.44 6.66 -20.55	86.95 6.48 -19.39	86.50 6.26 -21.76	85.04 6.14 -21.00	85.44 6.26 -21.19	82.72 5.96 -20.50	82.41 6.33 -16.89	86.55 6.50 -19.85	95.45 7.23 -23.64	87.14 6.65 -18.33	80.78 5.37 -26.56	63.55 5.49 -9.09
RAVENSWOOD_GT3_4 24251	57.64 5.85 0.00	49.88 4.82 0.00	46.96 4.31 0.00	46.21 4.12 0.00	46.92 4.27 0.00	48.84 4.56 0.00	54.42 5.48 0.00	68.28 4.84 -17.35	79.83 5.94 -17.90	84.69 6.93 -14.71	89.93 7.18 -18.69	90.47 6.89 -19.77	89.44 6.66 -20.55	86.95 6.48 -19.39	86.50 6.26 -21.76	85.04 6.14 -21.00	85.44 6.26 -21.19	82.72 5.96 -20.50	82.41 6.33 -16.89	86.55 6.50 -19.85	95.45 7.23 -23.64	87.14 6.65 -18.33	80.78 5.37 -26.56	63.55 5.49 -9.09
RAVENSWOOD_GT_1 23729	57.86 6.06 -0.01	50.06 5.00 -0.01	47.14 4.48 -0.01	46.38 4.29 -0.01	47.10 4.44 -0.01	49.02 4.74 -0.01	54.67 5.73 -0.01	68.48 5.02 -17.36	80.00 6.10 -17.90	84.94 7.19 -14.71	90.06 7.30 -18.69	90.72 7.15 -19.77	89.69 6.91 -20.55	87.19 6.72 -19.39	86.73 6.49 -21.76	85.21 6.31 -21.00	85.61 6.44 -21.19	82.94 6.19 -20.50	82.59 6.51 -16.89	86.73 6.68 -19.85	95.71 7.49 -23.64	87.34 6.84 -18.34	80.99 5.57 -26.57	63.75 5.68 -9.09
RAVENSWOOD_GT_10 24258	57.54 5.75 0.00	49.78 4.73 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.75 4.47 0.00	54.37 5.43 0.00	68.19 4.75 -17.35	79.78 5.88 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.34 6.76 -19.77	89.32 6.53 -20.55	86.89 6.41 -19.39	86.38 6.14 -21.76	84.92 6.02 -21.00	85.32 6.15 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.32 7.10 -23.64	87.02 6.53 -18.33	80.69 5.28 -26.56	63.45 5.39 -9.09
RAVENSWOOD_GT_11 24259	57.54 5.75 0.00	49.78 4.73 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.75 4.47 0.00	54.37 5.43 0.00	68.19 4.75 -17.35	79.78 5.88 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.34 6.76 -19.77	89.32 6.53 -20.55	86.89 6.41 -19.39	86.38 6.14 -21.76	84.92 6.02 -21.00	85.32 6.15 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.32 7.10 -23.64	87.02 6.53 -18.33	80.69 5.28 -26.56	63.45 5.39 -9.09
RAVENSWOOD_GT_4 24252	57.48 5.70 0.01	49.73 4.69 0.01	46.87 4.22 0.01	46.07 4.00 0.01	46.79 4.14 0.01	48.70 4.43 0.01	54.32 5.38 0.01	68.14 4.70 -17.35	79.72 5.82 -17.90	84.50 6.75 -14.71	89.74 6.98 -18.69	90.28 6.70 -19.77	89.25 6.47 -20.55	86.83 6.35 -19.39	86.33 6.08 -21.76	84.86 5.96 -21.00	85.27 6.09 -21.19	82.61 5.85 -20.50	82.23 6.16 -16.89	86.36 6.32 -19.85	95.26 7.04 -23.64	86.95 6.47 -18.32	80.63 5.23 -26.55	63.40 5.34 -9.08
RAVENSWOOD_GT_5 24254	57.48 5.70 0.01	49.73 4.69 0.01	46.87 4.22 0.01	46.07 4.00 0.01	46.79 4.14 0.01	48.70 4.43 0.01	54.32 5.38 0.01	68.14 4.70 -17.35	79.72 5.82 -17.90	84.50 6.75 -14.71	89.74 6.98 -18.69	90.28 6.70 -19.77	89.25 6.47 -20.55	86.83 6.35 -19.39	86.33 6.08 -21.76	84.86 5.96 -21.00	85.27 6.09 -21.19	82.61 5.85 -20.50	82.23 6.16 -16.89	86.36 6.32 -19.85	95.26 7.04 -23.64	86.95 6.47 -18.32	80.63 5.23 -26.55	63.40 5.34 -9.08
RAVENSWOOD_GT_6 24253	57.48 5.70 0.01	49.73 4.69 0.01	46.87 4.22 0.01	46.07 4.00 0.01	46.79 4.14 0.01	48.70 4.43 0.01	54.32 5.38 0.01	68.14 4.70 -17.35	79.72 5.82 -17.90	84.50 6.75 -14.71	89.74 6.98 -18.69	90.28 6.70 -19.77	89.25 6.47 -20.55	86.83 6.35 -19.39	86.33 6.08 -21.76	84.86 5.96 -21.00	85.27 6.09 -21.19	82.61 5.85 -20.50	82.23 6.16 -16.89	86.36 6.32 -19.85	95.26 7.04 -23.64	86.95 6.47 -18.32	80.63 5.23 -26.55	63.40 5.34 -9.08
RAVENSWOOD_GT_7 24255	57.48 5.70 0.01	49.73 4.69 0.01	46.87 4.22 0.01	46.07 4.00 0.01	46.79 4.14 0.01	48.70 4.43 0.01	54.32 5.38 0.01	68.14 4.70 -17.35	79.72 5.82 -17.90	84.50 6.75 -14.71	89.74 6.98 -18.69	90.28 6.70 -19.77	89.25 6.47 -20.55	86.83 6.35 -19.39	86.33 6.08 -21.76	84.86 5.96 -21.00	85.27 6.09 -21.19	82.61 5.85 -20.50	82.23 6.16 -16.89	86.36 6.32 -19.85	95.26 7.04 -23.64	86.95 6.47 -18.32	80.63 5.23 -26.55	63.40 5.34 -9.08
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	57.54 5.75 0.00	49.78 4.73 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.75 4.47 0.00	54.37 5.43 0.00	68.19 4.75 -17.35	79.78 5.88 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.34 6.76 -19.77	89.32 6.53 -20.55	86.89 6.41 -19.39	86.38 6.14 -21.76	84.92 6.02 -21.00	85.32 6.15 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.32 7.10 -23.64	87.02 6.53 -18.33	80.69 5.28 -26.56	63.45 5.39 -9.09
RAVENSWOOD_GT_9 24257	57.54 5.75 0.00	49.78 4.73 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.75 4.47 0.00	54.37 5.43 0.00	68.19 4.75 -17.35	79.78 5.88 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.34 6.76 -19.77	89.32 6.53 -20.55	86.89 6.41 -19.39	86.38 6.14 -21.76	84.92 6.02 -21.00	85.32 6.15 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.32 7.10 -23.64	87.02 6.53 -18.33	80.69 5.28 -26.56	63.45 5.39 -9.09



RAVENSWOOD___1 23533	57.86 6.06 -0.01	50.06 5.00 -0.01	47.14 4.48 -0.01	46.38 4.29 -0.01	47.10 4.44 -0.01	49.02 4.74 -0.01	54.67 5.73 -0.01	68.48 5.02 -17.36	80.00 6.10 -17.90	84.94 7.19 -14.71	90.06 7.30 -18.69	90.72 7.15 -19.77	89.69 6.91 -20.55	87.19 6.72 -19.39	86.73 6.49 -21.76	85.21 6.31 -21.00	85.61 6.44 -21.19	82.94 6.19 -20.50	82.59 6.51 -16.89	86.73 6.68 -19.85	95.71 7.49 -23.64	87.34 6.84 -18.34	80.99 5.57 -26.57	63.75 5.68 -9.09
RAVENSWOOD___2 23534	57.75 5.96 -0.01	49.97 4.91 -0.01	47.10 4.44 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.34 4.89 -17.36	79.66 5.77 -17.90	84.50 6.75 -14.71	89.61 6.86 -18.69	90.28 6.70 -19.77	89.25 6.47 -20.55	86.77 6.29 -19.39	86.33 6.08 -21.76	84.86 5.96 -21.00	85.21 6.03 -21.19	82.55 5.79 -20.50	82.17 6.10 -16.89	86.30 6.26 -19.85	95.26 7.04 -23.64	86.90 6.40 -18.34	80.74 5.32 -26.57	63.66 5.58 -9.09
RAVENSWOOD___3 23535	57.54 5.75 0.00	49.83 4.78 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.88 4.22 0.00	48.79 4.52 0.00	54.37 5.43 0.00	68.19 4.75 -17.35	79.78 5.88 -17.90	84.56 6.81 -14.71	89.80 7.05 -18.69	90.34 6.76 -19.77	89.38 6.60 -20.55	86.89 6.41 -19.39	86.44 6.20 -21.76	84.92 6.02 -21.00	85.32 6.15 -21.19	82.66 5.91 -20.50	82.29 6.21 -16.89	86.42 6.38 -19.85	95.39 7.17 -23.64	87.02 6.53 -18.33	80.74 5.32 -26.56	63.45 5.39 -9.09
RAVENSWOOD___4 23820	57.86 6.06 -0.01	50.06 5.00 -0.01	47.14 4.48 -0.01	46.38 4.29 -0.01	47.10 4.44 -0.01	49.02 4.74 -0.01	54.67 5.73 -0.01	68.48 5.02 -17.36	80.00 6.10 -17.90	84.94 7.19 -14.71	90.06 7.30 -18.69	90.72 7.15 -19.77	89.69 6.91 -20.55	87.19 6.72 -19.39	86.73 6.49 -21.76	85.21 6.31 -21.00	85.61 6.44 -21.19	82.94 6.19 -20.50	82.59 6.51 -16.89	86.73 6.68 -19.85	95.71 7.49 -23.64	87.34 6.84 -18.34	80.99 5.57 -26.57	63.75 5.68 -9.09
RCPL_TRUST___DRP 24196	57.54 5.75 0.00	49.83 4.78 0.00	46.92 4.27 0.00	46.12 4.04 0.00	46.84 4.18 0.00	48.79 4.52 0.00	54.37 5.43 0.00	68.24 4.79 -17.35	79.83 5.94 -17.90	84.63 6.87 -14.71	89.87 7.11 -18.69	90.40 6.83 -19.77	89.44 6.66 -20.55	86.95 6.48 -19.39	86.44 6.20 -21.76	84.98 6.08 -21.00	85.38 6.21 -21.19	82.72 5.96 -20.50	82.35 6.27 -16.89	86.48 6.44 -19.85	95.39 7.17 -23.64	87.02 6.53 -18.33	80.74 5.32 -26.56	63.45 5.39 -9.09
RENSSELAER___COGEN 23796	54.74 2.95 0.00	47.62 2.57 0.00	44.92 2.26 0.00	44.27 2.19 0.00	44.96 2.30 0.00	46.58 2.30 0.00	51.68 2.74 0.00	48.21 2.12 0.00	58.85 2.86 0.00	66.45 3.40 0.00	67.59 3.52 0.00	67.00 3.19 0.00	65.47 3.24 0.00	64.20 3.12 0.00	61.41 2.92 0.00	60.80 2.90 0.00	60.89 2.90 0.00	59.07 2.81 0.00	62.15 2.96 0.00	63.39 3.19 0.00	68.26 3.68 0.00	65.15 2.98 0.00	51.29 2.44 0.00	51.62 2.64 0.00
REVERE_CPPR_DRP 24186	51.64 -0.16 0.00	44.87 -0.18 0.00	42.53 -0.13 0.00	41.96 -0.13 0.00	42.49 -0.17 0.00	44.23 -0.04 0.00	49.28 0.34 0.00	46.18 0.09 0.00	56.16 0.17 0.00	63.23 0.19 0.00	64.26 0.19 0.00	63.93 0.13 0.00	62.30 0.06 0.00	61.09 0.00 0.00	58.43 -0.06 0.00	57.84 -0.06 0.00	57.93 -0.06 0.00	56.20 -0.06 0.00	59.13 -0.06 0.00	60.20 0.00 0.00	64.77 0.19 0.00	62.35 0.19 0.00	48.70 -0.15 0.00	48.83 -0.15 0.00
ROCHESTER_9_IC 23652	50.34 -1.45 0.00	43.48 -1.58 0.00	41.46 -1.19 0.00	41.07 -1.01 0.00	41.50 -1.15 0.00	43.35 -0.93 0.00	47.86 -1.08 0.00	45.16 -1.38 -0.45	55.28 -1.18 -0.47	62.42 -1.01 -0.38	63.79 -0.77 -0.49	63.56 -0.77 -0.52	61.65 -1.12 -0.54	60.43 -1.16 -0.51	57.88 -1.17 -0.57	57.35 -1.10 -0.55	57.33 -1.22 -0.55	55.55 -1.24 -0.53	58.27 -1.36 -0.44	59.39 -1.32 -0.52	64.16 -1.03 -0.62	61.52 -1.12 -0.48	47.88 -1.66 -0.69	46.86 -2.35 -0.24
ROSETON___1 23587	56.19 4.40 0.00	48.70 3.65 0.00	45.94 3.28 0.00	45.20 3.11 0.00	45.90 3.24 0.00	47.73 3.45 0.00	53.15 4.21 0.00	67.08 3.64 -17.35	78.49 4.59 -17.90	83.05 5.30 -14.71	88.20 5.45 -18.69	88.74 5.17 -19.77	87.88 5.10 -20.55	85.42 4.95 -19.39	84.98 4.74 -21.76	83.53 4.63 -21.00	83.93 4.76 -21.19	81.31 4.56 -20.50	80.87 4.79 -16.89	84.98 4.94 -19.85	93.77 5.55 -23.64	85.47 4.97 -18.33	79.47 4.05 -26.56	62.18 4.11 -9.09
ROSETON___2 23588	56.19 4.40 0.00	48.70 3.65 0.00	45.94 3.28 0.00	45.20 3.11 0.00	45.90 3.24 0.00	47.73 3.45 0.00	53.15 4.21 0.00	67.08 3.64 -17.35	78.49 4.59 -17.90	83.05 5.30 -14.71	88.20 5.45 -18.69	88.74 5.17 -19.77	87.88 5.10 -20.55	85.42 4.95 -19.39	84.98 4.74 -21.76	83.53 4.63 -21.00	83.93 4.76 -21.19	81.31 4.56 -20.50	80.87 4.79 -16.89	84.98 4.94 -19.85	93.77 5.55 -23.64	85.47 4.97 -18.33	79.47 4.05 -26.56	62.18 4.11 -9.09
RUSSELL___1 23602	48.94 -2.85 0.00	42.76 -2.30 0.00	41.33 -1.32 0.00	40.90 -1.18 0.00	41.38 -1.28 0.00	42.77 -1.51 0.00	47.18 -1.76 0.00	45.30 -1.24 -0.45	55.23 -1.23 -0.47	62.29 -1.13 -0.38	63.66 -0.90 -0.49	63.49 -0.83 -0.52	61.46 -1.31 -0.54	60.31 -1.28 -0.51	57.71 -1.35 -0.57	57.17 -1.27 -0.55	57.15 -1.39 -0.55	55.61 -1.18 -0.53	58.09 -1.54 -0.44	59.15 -1.57 -0.52	63.97 -1.23 -0.62	60.59 -2.05 -0.48	47.44 -2.10 -0.69	46.08 -3.13 -0.24
RUSSELL___2 23532	48.94 -2.85 0.00	42.76 -2.30 0.00	41.33 -1.32 0.00	40.90 -1.18 0.00	41.38 -1.28 0.00	42.77 -1.51 0.00	47.18 -1.76 0.00	45.30 -1.24 -0.45	55.23 -1.23 -0.47	62.29 -1.13 -0.38	63.66 -0.90 -0.49	63.49 -0.83 -0.52	61.46 -1.31 -0.54	60.31 -1.28 -0.51	57.71 -1.35 -0.57	57.17 -1.27 -0.55	57.15 -1.39 -0.55	55.61 -1.18 -0.53	58.09 -1.54 -0.44	59.15 -1.57 -0.52	63.97 -1.23 -0.62	60.59 -2.05 -0.48	47.44 -2.10 -0.69	46.08 -3.13 -0.24
RUSSELL___3 23549	49.72 -2.07 0.00	43.21 -1.85 0.00	41.33 -1.32 0.00	40.95 -1.14 0.00	41.38 -1.28 0.00	43.13 -1.15 0.00	47.62 -1.32 0.00	45.16 -1.38 -0.45	55.06 -1.40 -0.47	62.16 -1.26 -0.38	63.53 -1.03 -0.49	63.37 -0.96 -0.52	61.40 -1.37 -0.54	60.19 -1.40 -0.51	57.65 -1.40 -0.57	57.12 -1.33 -0.55	57.09 -1.45 -0.55	55.39 -1.41 -0.53	58.03 -1.60 -0.44	59.15 -1.57 -0.52	63.90 -1.29 -0.62	60.96 -1.68 -0.48	47.74 -1.81 -0.69	46.57 -2.64 -0.24
RUSSELL___4 23556	48.94 -2.85 0.00	42.76 -2.30 0.00	41.33 -1.32 0.00	40.86 -1.22 0.00	41.38 -1.28 0.00	42.73 -1.55 0.00	47.18 -1.76 0.00	45.25 -1.29 -0.45	55.17 -1.29 -0.47	62.23 -1.20 -0.38	63.66 -0.90 -0.49	63.49 -0.83 -0.52	61.46 -1.31 -0.54	60.25 -1.34 -0.51	57.71 -1.35 -0.57	57.17 -1.27 -0.55	57.15 -1.39 -0.55	55.61 -1.18 -0.53	58.03 -1.60 -0.44	59.15 -1.57 -0.52	63.97 -1.23 -0.62	60.59 -2.05 -0.48	47.44 -2.10 -0.69	46.03 -3.18 -0.24
RUSSELL___STATION 23914	49.72 -2.07 0.00	43.21 -1.85 0.00	41.33 -1.32 0.00	40.95 -1.14 0.00	41.38 -1.28 0.00	43.13 -1.15 0.00	47.62 -1.32 0.00	45.16 -1.38 -0.45	55.06 -1.40 -0.47	62.16 -1.26 -0.38	63.53 -1.03 -0.49	63.37 -0.96 -0.52	61.40 -1.37 -0.54	60.19 -1.40 -0.51	57.65 -1.40 -0.57	57.12 -1.33 -0.55	57.09 -1.45 -0.55	55.39 -1.41 -0.53	58.03 -1.60 -0.44	59.15 -1.57 -0.52	63.90 -1.29 -0.62	60.96 -1.68 -0.48	47.74 -1.81 -0.69	46.57 -2.64 -0.24
S SALMON___HYD 24043	50.24 -1.55 0.00	43.66 -1.40 0.00	41.33 -1.32 0.00	40.82 -1.26 0.00	41.33 -1.32 0.00	43.04 -1.24 0.00	47.96 -0.98 0.00	45.08 -1.01 0.00	54.65 -1.34 0.00	61.34 -1.70 0.00	62.34 -1.73 0.00	62.08 -1.72 0.00	60.55 -1.68 0.00	59.38 -1.71 0.00	56.91 -1.58 0.00	56.45 -1.45 0.00	56.43 -1.57 0.00	54.74 -1.52 0.00	57.47 -1.72 0.00	58.39 -1.81 0.00	62.83 -1.74 0.00	60.61 -1.55 0.00	47.48 -1.37 0.00	47.41 -1.57 0.00



SELKIRK__II 23799	54.22 2.43 0.00	47.13 2.07 0.00	44.49 1.83 0.00	43.85 1.77 0.00	44.53 1.88 0.00	45.96 1.68 0.00	50.85 1.91 0.00	47.38 1.29 0.00	57.78 1.79 0.00	65.18 2.14 0.00	66.31 2.24 0.00	65.79 1.98 0.00	64.23 1.99 0.00	63.04 1.95 0.00	60.30 1.81 0.00	59.70 1.79 0.00	59.79 1.80 0.00	58.00 1.74 0.00	61.02 1.83 0.00	62.18 1.99 0.00	66.97 2.39 0.00	63.97 1.80 0.00	50.46 1.61 0.00	50.89 1.91 0.00
SELKIRK__I 23801	54.22 2.43 0.00	47.17 2.12 0.00	44.53 1.88 0.00	43.85 1.77 0.00	44.53 1.88 0.00	46.09 1.82 0.00	50.95 2.01 0.00	47.57 1.47 0.00	58.01 2.02 0.00	65.44 2.40 0.00	66.57 2.50 0.00	66.04 2.23 0.00	64.48 2.24 0.00	63.22 2.14 0.00	60.53 2.05 0.00	59.87 1.97 0.00	60.02 2.03 0.00	58.23 1.97 0.00	61.26 2.07 0.00	62.42 2.23 0.00	67.23 2.65 0.00	64.34 2.18 0.00	50.56 1.71 0.00	50.89 1.91 0.00
SENECA OSWGO__HYD 24041	50.44 -1.35 0.00	43.79 -1.26 0.00	41.46 -1.19 0.00	40.95 -1.14 0.00	41.46 -1.19 0.00	43.08 -1.20 0.00	48.01 -0.93 0.00	45.12 -0.97 0.00	54.76 -1.23 0.00	61.72 -1.32 0.00	62.79 -1.28 0.00	62.47 -1.34 0.00	60.87 -1.37 0.00	59.68 -1.40 0.00	57.20 -1.29 0.00	56.63 -1.33 0.00	56.66 -1.33 0.00	55.02 -1.24 0.00	57.83 -1.36 0.00	58.81 -1.38 0.00	63.29 -1.29 0.00	60.92 -1.24 0.00	47.58 -1.27 0.00	47.46 -1.52 0.00
SENECA__ENERGY 23797	49.62 -2.18 0.00	42.94 -2.12 0.00	40.69 -1.96 0.00	40.23 -1.85 0.00	40.74 -1.92 0.00	42.42 -1.86 0.00	47.08 -1.86 0.00	44.56 -1.98 -0.45	54.16 -2.35 -0.52	61.01 -2.46 -0.43	62.31 -2.31 -0.54	62.02 -2.36 -0.58	60.34 -2.49 -0.60	59.15 -2.50 -0.57	56.66 -2.46 -0.63	56.02 -2.49 -0.61	56.12 -2.49 -0.62	54.44 -2.42 -0.60	57.19 -2.49 -0.49	58.19 -2.59 -0.58	62.88 -2.39 -0.69	60.21 -2.49 -0.53	47.25 -2.30 -0.69	46.67 -2.55 -0.24
SHOEMAKER__GT 23640	55.57 3.78 0.00	48.21 3.15 0.00	45.47 2.82 0.00	44.73 2.65 0.00	45.43 2.77 0.00	47.29 3.01 0.00	52.66 3.72 0.00	63.96 3.27 -14.60	75.14 4.09 -15.06	80.21 4.79 -12.38	84.78 5.00 -15.72	85.16 4.72 -16.63	84.12 4.61 -17.28	81.86 4.46 -16.31	81.12 4.33 -18.30	79.73 4.17 -17.66	80.10 4.29 -17.82	77.61 4.11 -17.24	77.71 4.32 -14.21	81.29 4.39 -16.70	89.50 5.04 -19.89	82.12 4.54 -15.42	74.81 3.61 -22.34	60.20 3.58 -7.64
SHOREHAM_IC_1 23715	73.86 7.82 -14.25	71.43 6.80 -19.57	65.91 6.23 -17.02	48.12 6.02 -0.02	48.86 6.19 -0.02	64.09 6.55 -13.26	68.76 7.68 -12.14	76.43 7.68 -23.79	80.84 6.94 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.68 6.43 -21.76	84.98 6.08 -21.00	85.32 6.15 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.27 7.22 -19.85	96.55 8.33 -23.64	87.77 7.27 -18.33	81.62 6.20 -26.57	74.87 6.86 -19.04
SHOREHAM_IC_2 23716	73.86 7.82 -14.25	71.43 6.80 -19.57	65.91 6.23 -17.02	48.12 6.02 -0.02	48.86 6.19 -0.02	64.09 6.55 -13.26	68.76 7.68 -12.14	76.43 7.68 -23.79	80.84 6.94 -17.90	84.88 7.12 -14.71	90.19 7.43 -18.69	90.66 7.08 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.68 6.43 -21.76	84.98 6.08 -21.00	85.32 6.15 -21.19	82.77 6.02 -20.50	82.82 6.75 -16.89	87.27 7.22 -19.85	96.55 8.33 -23.64	87.77 7.27 -18.33	81.62 6.20 -26.57	74.87 6.86 -19.04
SISSONVILLE____ 23735	48.27 -3.52 0.00	42.13 -2.93 0.00	40.01 -2.64 0.00	39.43 -2.65 0.00	39.93 -2.73 0.00	41.49 -2.79 0.00	45.96 -2.99 0.00	44.02 -2.07 0.00	53.08 -2.91 0.00	58.44 -4.60 0.00	59.26 -4.81 0.00	59.72 -4.08 0.00	58.56 -3.67 0.00	57.67 -3.42 0.00	55.33 -3.16 0.00	55.35 -2.55 0.00	54.69 -3.31 0.00	52.99 -3.26 0.00	55.28 -3.91 0.00	56.28 -3.91 0.00	59.93 -4.65 0.00	58.25 -3.92 0.00	46.80 -2.05 0.00	46.33 -2.64 0.00
SITHE_IND_GS1 24169	50.13 -1.66 0.00	43.52 -1.53 0.00	41.25 -1.41 0.00	40.74 -1.35 0.00	41.25 -1.41 0.00	42.86 -1.42 0.00	47.47 -1.47 0.00	44.62 -1.47 0.00	54.20 -1.79 0.00	61.09 -1.95 0.00	62.15 -1.92 0.00	61.89 -1.91 0.00	60.31 -1.93 0.00	59.13 -1.95 0.00	56.61 -1.87 0.00	56.05 -1.85 0.00	56.14 -1.86 0.00	54.46 -1.80 0.00	57.29 -1.89 0.00	58.27 -1.93 0.00	62.64 -1.94 0.00	60.18 -1.99 0.00	47.14 -1.71 0.00	47.21 -1.76 0.00
SITHE_IND_GS2 24170	50.13 -1.66 0.00	43.52 -1.53 0.00	41.25 -1.41 0.00	40.74 -1.35 0.00	41.25 -1.41 0.00	42.86 -1.42 0.00	47.47 -1.47 0.00	44.62 -1.47 0.00	54.20 -1.79 0.00	61.09 -1.95 0.00	62.15 -1.92 0.00	61.89 -1.91 0.00	60.31 -1.93 0.00	59.13 -1.95 0.00	56.61 -1.87 0.00	56.05 -1.85 0.00	56.14 -1.86 0.00	54.46 -1.80 0.00	57.29 -1.89 0.00	58.27 -1.93 0.00	62.64 -1.94 0.00	60.18 -1.99 0.00	47.14 -1.71 0.00	47.21 -1.76 0.00
SITHE_IND_GS3 24171	50.13 -1.66 0.00	43.52 -1.53 0.00	41.25 -1.41 0.00	40.74 -1.35 0.00	41.25 -1.41 0.00	42.86 -1.42 0.00	47.47 -1.47 0.00	44.62 -1.47 0.00	54.20 -1.79 0.00	61.09 -1.95 0.00	62.15 -1.92 0.00	61.89 -1.91 0.00	60.31 -1.93 0.00	59.13 -1.95 0.00	56.61 -1.87 0.00	56.05 -1.85 0.00	56.14 -1.86 0.00	54.46 -1.80 0.00	57.29 -1.89 0.00	58.27 -1.93 0.00	62.64 -1.94 0.00	60.18 -1.99 0.00	47.14 -1.71 0.00	47.21 -1.76 0.00
SITHE_IND_GS4 24172	50.13 -1.66 0.00	43.52 -1.53 0.00	41.25 -1.41 0.00	40.74 -1.35 0.00	41.25 -1.41 0.00	42.86 -1.42 0.00	47.47 -1.47 0.00	44.62 -1.47 0.00	54.20 -1.79 0.00	61.09 -1.95 0.00	62.15 -1.92 0.00	61.89 -1.91 0.00	60.31 -1.93 0.00	59.13 -1.95 0.00	56.61 -1.87 0.00	56.05 -1.85 0.00	56.14 -1.86 0.00	54.46 -1.80 0.00	57.29 -1.89 0.00	58.27 -1.93 0.00	62.64 -1.94 0.00	60.18 -1.99 0.00	47.14 -1.71 0.00	47.21 -1.76 0.00
SITHE__BATAVIA 24024	49.20 -2.59 0.00	42.13 -2.93 0.00	40.27 -2.39 0.00	40.02 -2.06 0.00	40.35 -2.30 0.00	42.06 -2.21 0.00	44.44 -4.50 0.00	41.05 -5.53 -0.49	49.93 -6.61 -0.55	56.56 -6.93 -0.45	57.85 -6.79 -0.57	57.65 -6.76 -0.60	55.77 -7.09 -0.63	54.53 -7.15 -0.59	52.37 -6.78 -0.67	52.00 -6.54 -0.64	51.97 -6.67 -0.65	50.19 -6.69 -0.63	52.72 -6.98 -0.52	53.94 -6.86 -0.61	58.45 -6.85 -0.72	55.58 -7.15 -0.56	45.36 -4.25 -0.76	44.98 -4.26 -0.26
SITHE__INDEPEND 23800	50.13 -1.66 0.00	43.52 -1.53 0.00	41.25 -1.41 0.00	40.74 -1.35 0.00	41.25 -1.41 0.00	42.86 -1.42 0.00	47.47 -1.47 0.00	44.62 -1.47 0.00	54.20 -1.79 0.00	61.09 -1.95 0.00	62.15 -1.92 0.00	61.89 -1.91 0.00	60.31 -1.93 0.00	59.13 -1.95 0.00	56.61 -1.87 0.00	56.05 -1.85 0.00	56.14 -1.86 0.00	54.46 -1.80 0.00	57.29 -1.89 0.00	58.27 -1.93 0.00	62.64 -1.94 0.00	60.18 -1.99 0.00	47.14 -1.71 0.00	47.21 -1.76 0.00
SITHE__MASSENA 23902	49.98 -1.81 0.00	43.57 -1.49 0.00	41.38 -1.28 0.00	40.82 -1.26 0.00	41.33 -1.32 0.00	42.86 -1.42 0.00	47.08 -1.86 0.00	45.21 -0.88 0.00	54.59 -1.40 0.00	60.96 -2.08 0.00	61.76 -2.31 0.00	61.96 -1.85 0.00	60.55 -1.68 0.00	59.56 -1.53 0.00	57.08 -1.40 0.00	56.69 -1.22 0.00	56.60 -1.39 0.00	54.91 -1.35 0.00	57.71 -1.48 0.00	58.57 -1.63 0.00	62.38 -2.20 0.00	60.80 -1.37 0.00	48.02 -0.83 0.00	47.95 -1.03 0.00
SITHE__OGDNSBRG 24021	49.72 -2.07 0.00	43.39 -1.67 0.00	41.21 -1.45 0.00	40.65 -1.43 0.00	41.16 -1.49 0.00	42.68 -1.59 0.00	47.03 -1.91 0.00	45.21 -0.88 0.00	54.54 -1.46 0.00	60.65 -2.40 0.00	61.44 -2.63 0.00	61.77 -2.04 0.00	60.37 -1.87 0.00	59.38 -1.71 0.00	56.91 -1.58 0.00	56.63 -1.27 0.00	56.37 -1.62 0.00	54.68 -1.58 0.00	57.41 -1.78 0.00	58.27 -1.93 0.00	62.06 -2.52 0.00	60.55 -1.62 0.00	47.97 -0.88 0.00	47.85 -1.13 0.00



SITHE___STERLING 23777	51.53 -0.26 0.00	44.78 -0.27 0.00	42.40 -0.26 0.00	41.83 -0.25 0.00	42.40 -0.26 0.00	44.10 -0.18 0.00	49.09 0.15 0.00	46.04 -0.05 0.00	55.94 -0.06 0.00	63.04 0.00 0.00	64.13 0.06 0.00	63.81 0.00 0.00	62.11 -0.12 0.00	60.90 -0.18 0.00	58.31 -0.18 0.00	57.67 -0.23 0.00	57.82 -0.17 0.00	56.09 -0.17 0.00	59.01 -0.18 0.00	60.08 -0.12 0.00	64.64 0.06 0.00	62.16 0.00 0.00	48.56 -0.29 0.00	48.68 -0.29 0.00
SOUTH CAIRO___GT 23612	56.09 4.30 0.00	48.70 3.65 0.00	45.94 3.28 0.00	45.20 3.11 0.00	45.90 3.24 0.00	47.60 3.32 0.00	52.95 4.01 0.00	59.88 3.60 -10.20	71.16 4.65 -10.52	77.17 5.48 -8.65	80.82 5.77 -10.98	80.91 5.49 -11.62	79.66 5.35 -12.07	77.73 5.25 -11.39	76.18 4.91 -12.79	75.05 4.81 -12.34	75.37 4.93 -12.45	72.92 4.61 -12.05	73.96 4.85 -9.93	76.98 5.12 -11.66	84.28 5.81 -13.89	78.16 5.22 -10.77	68.47 4.01 -15.61	58.33 4.02 -5.34
SOUTH HAMPTN___IC 23720	74.27 8.23 -14.25	71.70 7.07 -19.57	66.16 6.48 -17.02	48.41 6.31 -0.02	49.16 6.48 -0.02	64.40 6.86 -13.26	69.11 8.03 -12.14	76.84 6.96 -23.79	81.40 7.50 -17.90	85.57 7.82 -14.71	90.89 8.14 -18.69	91.42 7.85 -19.77	90.62 7.84 -20.55	87.93 7.45 -19.39	87.32 7.08 -21.76	85.62 6.72 -21.00	86.02 6.84 -21.19	83.39 6.64 -20.50	83.47 7.40 -16.89	87.93 7.89 -19.85	97.32 9.11 -23.64	88.45 7.96 -18.33	82.16 6.74 -26.57	75.36 7.35 -19.04
SOUTHOLD___IC 23719	75.15 9.12 -14.25	72.42 7.79 -19.57	66.80 7.12 -17.02	49.04 6.94 -0.02	49.80 7.12 -0.02	65.06 7.53 -13.26	69.84 8.76 -12.14	77.67 7.79 -23.79	82.52 8.62 -17.90	86.83 9.08 -14.71	92.24 9.48 -18.69	92.76 9.19 -19.77	91.93 9.15 -20.55	89.21 8.74 -19.39	88.55 8.30 -21.76	86.83 7.93 -21.00	87.18 8.00 -21.19	84.58 7.82 -20.50	84.72 8.64 -16.89	89.19 9.15 -19.85	98.75 10.53 -23.64	90.00 9.51 -18.33	83.09 7.67 -26.57	76.25 8.23 -19.04
ST LAWRENCE___ 23600	50.08 -1.71 0.00	43.70 -1.35 0.00	41.46 -1.19 0.00	40.95 -1.14 0.00	41.46 -1.19 0.00	42.95 -1.33 0.00	47.13 -1.81 0.00	45.21 -0.88 0.00	54.59 -1.40 0.00	61.09 -1.95 0.00	61.89 -2.18 0.00	62.02 -1.79 0.00	60.62 -1.62 0.00	59.62 -1.47 0.00	57.14 -1.35 0.00	56.63 -1.27 0.00	56.60 -1.39 0.00	54.96 -1.29 0.00	57.83 -1.36 0.00	58.63 -1.57 0.00	62.51 -2.07 0.00	60.92 -1.24 0.00	48.02 -0.83 0.00	48.05 -0.93 0.00
STATION 5_MISC_HYD 23604	49.56 -2.23 0.00	43.07 -1.98 0.00	41.25 -1.41 0.00	40.86 -1.22 0.00	41.33 -1.32 0.00	43.13 -1.15 0.00	48.01 -0.93 0.00	45.86 -0.65 -0.41	56.64 0.22 -0.42	64.02 0.63 -0.35	65.54 1.03 -0.44	65.36 1.08 -0.47	63.22 0.50 -0.49	61.97 0.43 -0.46	59.29 0.29 -0.52	58.75 0.35 -0.50	58.67 0.17 -0.50	57.02 0.28 -0.49	59.65 0.06 -0.40	60.73 0.06 -0.47	65.78 0.65 -0.56	63.10 0.50 -0.43	48.41 -1.07 -0.63	46.40 -2.79 -0.22
STURGEON_POOL_HYD 23609	56.50 4.71 0.00	48.97 3.92 0.00	46.15 3.50 0.00	45.41 3.32 0.00	46.11 3.46 0.00	48.04 3.76 0.00	53.59 4.65 0.00	65.05 4.19 -14.76	76.54 5.32 -15.23	81.74 6.18 -12.52	86.44 6.47 -15.90	86.75 6.13 -16.82	85.69 5.97 -17.48	83.44 5.86 -16.49	82.61 5.61 -18.51	81.21 5.44 -17.86	81.58 5.57 -18.02	78.98 5.29 -17.44	79.12 5.56 -14.37	82.80 5.72 -16.88	91.15 6.46 -20.11	83.79 6.03 -15.59	76.04 4.59 -22.60	61.21 4.51 -7.73
SYRACUSE___POWER 24017	50.65 -1.14 0.00	43.97 -1.08 0.00	41.63 -1.02 0.00	41.11 -0.97 0.00	41.63 -1.02 0.00	43.30 -0.97 0.00	48.16 -0.78 0.00	45.26 -0.83 0.00	54.98 -1.01 0.00	62.03 -1.01 0.00	63.17 -0.90 0.00	62.79 -1.02 0.00	61.18 -1.06 0.00	59.99 -1.10 0.00	57.43 -1.05 0.00	56.80 -1.10 0.00	56.95 -1.04 0.00	55.24 -1.01 0.00	58.12 -1.07 0.00	59.11 -1.08 0.00	63.61 -0.97 0.00	61.17 -0.99 0.00	47.78 -1.07 0.00	47.75 -1.22 0.00
Stony___Brook 24151	73.75 7.72 -14.25	71.30 6.67 -19.57	65.82 6.14 -17.02	48.03 5.93 -0.02	48.77 6.10 -0.02	64.00 6.46 -13.26	68.67 7.59 -12.14	76.34 6.45 -23.79	80.84 6.94 -17.90	85.00 7.25 -14.71	90.31 7.56 -18.69	90.79 7.21 -19.77	90.00 7.22 -20.55	87.38 6.90 -19.39	86.79 6.55 -21.76	85.10 6.20 -21.00	85.50 6.32 -21.19	82.89 6.13 -20.50	82.94 6.87 -16.89	87.33 7.28 -19.85	96.68 8.46 -23.64	87.95 7.46 -18.33	81.67 6.25 -26.57	74.92 6.91 -19.04
UNION___PROCESSING_DRP 323587	49.77 -2.02 0.00	42.98 -2.07 0.00	40.99 -1.66 0.00	40.61 -1.47 0.00	41.04 -1.62 0.00	42.82 -1.46 0.00	47.13 -1.81 0.00	44.42 -2.12 -0.45	54.22 -2.24 -0.47	61.16 -2.27 -0.38	62.50 -2.05 -0.49	62.28 -2.04 -0.52	60.41 -2.36 -0.54	59.27 -2.32 -0.51	56.71 -2.34 -0.57	56.25 -2.20 -0.55	56.22 -2.32 -0.55	54.54 -2.25 -0.53	57.14 -2.49 -0.44	58.25 -2.47 -0.52	62.93 -2.26 -0.62	60.28 -2.36 -0.48	47.05 -2.49 -0.69	46.28 -2.94 -0.24
UPPER HUDSON___HYD 24058	54.22 2.43 0.00	47.22 2.16 0.00	44.53 1.88 0.00	43.89 1.81 0.00	44.62 1.96 0.00	46.14 1.86 0.00	52.07 3.13 0.00	49.11 2.44 -0.58	59.78 3.19 -0.59	67.12 3.59 -0.49	68.34 3.65 -0.62	68.42 3.96 -0.66	66.09 3.17 -0.68	65.27 3.54 -0.64	62.48 3.28 -0.72	61.84 3.24 -0.70	61.54 2.84 -0.70	59.75 2.81 -0.68	62.71 2.96 -0.56	64.29 3.43 -0.66	69.30 3.94 -0.78	65.45 2.67 -0.61	51.93 2.20 -0.88	51.63 2.35 -0.30
UPPER RAQUET___HYD 24056	48.27 -3.52 0.00	42.13 -2.93 0.00	40.01 -2.64 0.00	39.43 -2.65 0.00	39.93 -2.73 0.00	41.49 -2.79 0.00	45.96 -2.99 0.00	44.02 -2.07 0.00	53.08 -2.91 0.00	58.44 -4.60 0.00	59.26 -4.81 0.00	59.72 -4.08 0.00	58.56 -3.67 0.00	57.67 -3.42 0.00	55.33 -3.16 0.00	55.35 -2.55 0.00	54.69 -3.31 0.00	52.99 -3.26 0.00	55.28 -3.91 0.00	56.28 -3.91 0.00	59.93 -4.65 0.00	58.25 -3.92 0.00	46.80 -2.05 0.00	46.33 -2.64 0.00
VISCHER___FERRY HYD 24020	54.48 2.69 0.00	47.40 2.34 0.00	44.75 2.09 0.00	44.06 1.98 0.00	44.79 2.13 0.00	46.36 2.08 0.00	51.58 2.64 0.00	48.16 2.07 0.00	58.79 2.80 0.00	66.32 3.28 0.00	67.46 3.40 0.00	67.00 3.19 0.00	65.41 3.17 0.00	64.20 3.12 0.00	61.35 2.87 0.00	60.80 2.90 0.00	60.77 2.78 0.00	58.96 2.70 0.00	62.03 2.84 0.00	63.27 3.07 0.00	68.19 3.62 0.00	64.90 2.74 0.00	51.15 2.30 0.00	51.43 2.45 0.00
WADING RIVER_IC_1 23522	73.65 7.61 -14.25	71.25 6.62 -19.57	65.74 6.06 -17.02	47.99 5.89 -0.02	48.73 6.06 -0.02	63.96 6.42 -13.26	68.62 7.54 -12.14	76.24 6.36 -23.79	80.67 6.78 -17.90	84.63 6.87 -14.71	89.93 7.18 -18.69	90.47 6.89 -19.77	89.63 6.85 -20.55	87.07 6.60 -19.39	86.50 6.26 -21.76	84.81 5.91 -21.00	85.15 5.97 -21.19	82.61 5.85 -20.50	82.64 6.57 -16.89	87.03 6.98 -19.85	96.36 8.14 -23.64	87.58 7.09 -18.33	81.43 6.01 -26.57	74.73 6.71 -19.04
WADING RIVER_IC_2 23547	73.65 7.61 -14.25	71.25 6.62 -19.57	65.74 6.06 -17.02	47.99 5.89 -0.02	48.73 6.06 -0.02	63.96 6.42 -13.26	68.62 7.54 -12.14	76.24 6.36 -23.79	80.67 6.78 -17.90	84.63 6.87 -14.71	89.93 7.18 -18.69	90.47 6.89 -19.77	89.63 6.85 -20.55	87.07 6.60 -19.39	86.50 6.26 -21.76	84.81 5.91 -21.00	85.15 5.97 -21.19	82.61 5.85 -20.50	82.64 6.57 -16.89	87.03 6.98 -19.85	96.36 8.14 -23.64	87.58 7.09 -18.33	81.43 6.01 -26.57	74.73 6.71 -19.04
WADING RIVER_IC_3 23601	73.65 7.61 -14.25	71.25 6.62 -19.57	65.74 6.06 -17.02	47.99 5.89 -0.02	48.73 6.06 -0.02	63.96 6.42 -13.26	68.62 7.54 -12.14	76.24 6.36 -23.79	80.67 6.78 -17.90	84.63 6.87 -14.71	89.93 7.18 -18.69	90.47 6.89 -19.77	89.63 6.85 -20.55	87.07 6.60 -19.39	86.50 6.26 -21.76	84.81 5.91 -21.00	85.15 5.97 -21.19	82.61 5.85 -20.50	82.64 6.57 -16.89	87.03 6.98 -19.85	96.36 8.14 -23.64	87.58 7.09 -18.33	81.43 6.01 -26.57	74.73 6.71 -19.04



WALDEN___HYDRO 24148	56.35 4.56 0.00	48.79 3.74 0.00	45.98 3.33 0.00	45.24 3.16 0.00	45.94 3.28 0.00	47.91 3.63 0.00	53.49 4.55 0.00	65.24 4.10 -15.05	76.67 5.15 -15.53	81.73 5.93 -12.76	86.49 6.21 -16.21	86.89 5.93 -17.15	85.84 5.79 -17.82	83.52 5.62 -16.82	82.79 5.44 -18.87	81.38 5.27 -18.21	81.76 5.39 -18.37	79.15 5.12 -17.78	79.22 5.39 -14.65	83.01 5.60 -17.21	91.48 6.39 -20.50	83.72 5.66 -15.90	76.43 4.54 -23.04	61.32 4.46 -7.88
WARRENSBURG___ 23737	54.28 2.49 0.00	47.26 2.21 0.00	44.58 1.92 0.00	43.93 1.85 0.00	44.66 2.00 0.00	46.18 1.90 0.00	52.12 3.18 0.00	49.15 2.49 -0.58	59.83 3.25 -0.59	67.19 3.66 -0.49	68.40 3.72 -0.62	68.48 4.02 -0.66	66.15 3.24 -0.68	65.33 3.60 -0.64	62.54 3.33 -0.72	61.90 3.30 -0.70	61.59 2.90 -0.70	59.81 2.87 -0.68	62.77 3.02 -0.56	64.35 3.49 -0.66	69.37 4.00 -0.78	65.45 2.67 -0.61	51.98 2.25 -0.88	51.68 2.40 -0.30
WATERSIDE___6 8 9 23538	57.86 6.06 -0.01	50.06 5.00 -0.01	47.14 4.48 -0.01	46.38 4.29 -0.01	47.10 4.44 -0.01	49.02 4.74 -0.01	54.67 5.73 -0.01	68.48 5.02 -17.36	80.00 6.10 -17.90	84.94 7.19 -14.71	90.06 7.30 -18.69	90.72 7.15 -19.77	89.69 6.91 -20.55	87.19 6.72 -19.39	86.73 6.49 -21.76	85.21 6.31 -21.00	85.61 6.44 -21.19	82.94 6.19 -20.50	82.59 6.51 -16.89	86.73 6.68 -19.85	95.71 7.49 -23.64	87.34 6.84 -18.34	80.99 5.57 -26.57	63.75 5.68 -9.09
WEST BABYLON___IC 23714	73.60 7.56 -14.25	70.98 6.35 -19.57	65.48 5.80 -17.02	47.78 5.68 -0.02	48.47 5.80 -0.02	63.65 6.11 -13.26	68.28 7.19 -12.14	76.34 6.45 -23.79	81.06 7.17 -17.90	85.38 7.63 -14.71	90.63 7.88 -18.69	91.11 7.53 -19.77	90.25 7.47 -20.55	87.74 7.27 -19.39	87.14 6.90 -21.76	85.50 6.60 -21.00	85.85 6.67 -21.19	83.23 6.47 -20.50	83.24 7.16 -16.89	87.63 7.58 -19.85	96.94 8.72 -23.64	88.20 7.71 -18.33	81.97 6.55 -26.57	75.02 7.00 -19.04
WEST CANADA___HYD 24049	52.10 0.31 0.00	45.33 0.27 0.00	42.91 0.26 0.00	42.33 0.25 0.00	42.91 0.26 0.00	44.54 0.27 0.00	49.33 0.39 0.00	46.37 0.28 0.00	56.33 0.34 0.00	63.48 0.44 0.00	64.52 0.45 0.00	64.19 0.38 0.00	62.61 0.37 0.00	61.45 0.37 0.00	58.78 0.29 0.00	58.19 0.29 0.00	58.28 0.29 0.00	56.54 0.28 0.00	59.54 0.36 0.00	60.56 0.36 0.00	65.03 0.45 0.00	62.48 0.31 0.00	49.09 0.24 0.00	49.27 0.29 0.00
WESTERN_NY_WIND 24143	49.15 -2.64 0.00	42.08 -2.97 0.00	40.22 -2.43 0.00	39.98 -2.10 0.00	40.27 -2.39 0.00	42.02 -2.26 0.00	44.29 -4.65 0.00	40.82 -5.76 -0.49	49.66 -6.89 -0.55	56.24 -7.25 -0.45	57.59 -7.05 -0.57	57.33 -7.08 -0.61	55.46 -7.41 -0.63	54.23 -7.45 -0.60	52.08 -7.08 -0.67	51.77 -6.77 -0.65	51.68 -6.96 -0.65	49.97 -6.92 -0.63	52.43 -7.28 -0.52	53.70 -7.10 -0.61	58.20 -7.10 -0.73	55.33 -7.40 -0.56	45.26 -4.35 -0.76	44.88 -4.36 -0.26
YORK___WARBASSE 23770	57.70 5.90 -0.01	49.97 4.91 -0.01	47.06 4.39 -0.01	46.30 4.21 -0.01	47.01 4.35 -0.01	48.93 4.65 -0.01	54.58 5.63 -0.01	68.48 5.02 -17.36	80.06 6.16 -17.90	84.94 7.19 -14.71	90.12 7.37 -18.69	90.85 7.27 -19.77	89.88 7.09 -20.55	87.26 6.78 -19.39	86.79 6.55 -21.76	85.33 6.43 -21.00	85.73 6.55 -21.19	83.00 6.24 -20.50	82.70 6.63 -16.89	86.91 6.86 -19.85	95.90 7.68 -23.64	87.46 6.96 -18.34	81.09 5.67 -26.57	63.71 5.63 -9.09