

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/18/2001

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	58.01	47.91	47.43	47.10	44.70	47.41	76.59	61.63	119.46	140.29	110.95	121.75	114.66	86.33	49.16	48.29	49.16	46.87	45.57	44.72	44.65	44.66	46.67	51.02
24138	1.05	0.89	1.00	1.12	0.69	2.10	1.64	1.71	2.32	2.73	2.76	3.65	3.58	3.85	4.19	3.75	3.92	3.40	3.29	3.21	3.00	3.01	0.88	0.03
	-40.49	-31.92	-29.21	-25.66	-32.17	-12.21	-52.93	-38.56	-88.44	-104.97	-76.77	-77.70	-71.74	-41.82	0.00	-4.74	0.00	0.00	0.00	0.00	-6.27	-1.62	-33.96	-50.77
74TH STREET_GT_1	58.01	47.91	47.43	47.10	44.70	47.41	76.59	61.63	119.46	140.29	110.95	121.75	114.66	86.33	49.16	48.29	49.16	46.87	45.57	44.72	44.65	44.66	46.67	51.02
24260	1.05	0.89	1.00	1.12	0.69	2.10	1.64	1.71	2.32	2.73	2.76	3.65	3.58	3.85	4.19	3.75	3.92	3.40	3.29	3.21	3.00	3.01	0.88	0.03
	-40.49	-31.92	-29.21	-25.66	-32.17	-12.21	-52.93	-38.56	-88.44	-104.97	-76.77	-77.70	-71.74	-41.82	0.00	-4.74	0.00	0.00	0.00	0.00	-6.27	-1.62	-33.96	-50.77
74TH STREET_GT_2	58.01	47.91	47.43	47.10	44.70	47.41	76.59	61.63	119.46	140.29	110.95	121.75	114.66	86.33	49.16	48.29	49.16	46.87	45.57	44.72	44.65	44.66	46.67	51.02
24261	1.05	0.89	1.00	1.12	0.69	2.10	1.64	1.71	2.32	2.73	2.76	3.65	3.58	3.85	4.19	3.75	3.92	3.40	3.29	3.21	3.00	3.01	0.88	0.03
	-40.49	-31.92	-29.21	-25.66	-32.17	-12.21	-52.93	-38.56	-88.44	-104.97	-76.77	-77.70	-71.74	-41.82	0.00	-4.74	0.00	0.00	0.00	0.00	-6.27	-1.62	-33.96	-50.77
ADK HUDSON___FALLS	68.64	56.40	55.52	54.55	53.17	45.23	87.66	70.55	31.26	34.70	34.21	42.66	41.30	42.29	47.29	48.36	48.84	47.19	45.50	44.61	45.61	45.48	55.02	63.46
24011	1.76	1.62	1.95	2.36	1.41	4.19	2.31	1.55	1.74	2.10	1.62	2.26	1.96	1.62	2.32	2.67	3.60	3.73	3.22	3.10	2.45	3.44	1.03	0.03
	-50.42	-39.67	-36.35	-31.88	-39.92	-7.95	-63.32	-47.66	-0.82	0.00	-1.16	0.00	0.00	0.00	0.00	-5.88	0.00	0.00	0.00	0.00	-7.78	-2.01	-42.17	-63.21
ADK RESOURCE___RCVRY	68.64	56.40	55.52	54.55	53.17	45.23	87.66	70.55	31.26	34.70	34.21	42.66	41.30	42.29	47.29	48.36	48.84	47.19	45.50	44.61	45.61	45.48	55.02	63.46
23798	1.76	1.62	1.95	2.36	1.41	4.19	2.31	1.55	1.74	2.10	1.62	2.26	1.96	1.62	2.32	2.67	3.60	3.73	3.22	3.10	2.45	3.44	1.03	0.03
	-50.42	-39.67	-36.35	-31.88	-39.92	-7.95	-63.32	-47.66	-0.82	0.00	-1.16	0.00	0.00	0.00	0.00	-5.88	0.00	0.00	0.00	0.00	-7.78	-2.01	-42.17	-63.21
ADK S GLENS___FALLS	68.64	56.40	55.52	54.55	53.17	45.23	87.66	70.55	31.26	34.70	34.21	42.66	41.30	42.29	47.29	48.36	48.84	47.19	45.50	44.61	45.61	45.48	55.02	63.46
24028	1.76	1.62	1.95	2.36	1.41	4.19	2.31	1.55	1.74	2.10	1.62	2.26	1.96	1.62	2.32	2.67	3.60	3.73	3.22	3.10	2.45	3.44	1.03	0.03
	-50.42	-39.67	-36.35	-31.88	-39.92	-7.95	-63.32	-47.66	-0.82	0.00	-1.16	0.00	0.00	0.00	0.00	-5.88	0.00	0.00	0.00	0.00	-7.78	-2.01	-42.17	-63.21
ADK_NYS___DAM	67.68	55.56	54.68	53.68	52.28	44.26	86.27	69.48	30.68	34.03	33.73	42.11	41.11	42.12	47.31	47.93	48.33	46.57	44.93	44.14	45.11	44.86	54.16	62.50
23527	1.56	1.40	1.66	1.99	1.14	3.33	1.91	1.22	1.17	1.44	1.17	1.71	1.77	1.46	2.34	2.33	3.09	3.11	2.65	2.63	2.07	2.85	0.83	0.02
	-49.65	-39.06	-35.80	-31.38	-39.30	-7.83	-62.33	-46.91	-0.80	0.00	-1.14	0.00	0.00	0.00	0.00	-5.79	0.00	0.00	0.00	0.00	-7.66	-1.98	-41.51	-62.25
ALBANY___1	67.32	55.22	54.20	53.11	51.99	43.46	85.85	69.26	30.64	34.22	34.03	42.46	41.40	42.45	47.38	47.86	48.27	46.50	44.85	44.07	45.11	44.69	54.12	62.55
23571	1.15	1.01	1.15	1.37	0.80	2.54	1.41	0.93	1.13	1.63	1.47	2.06	2.06	1.79	2.41	2.26	3.03	3.03	2.57	2.56	2.06	2.68	0.72	0.02
	-49.70	-39.11	-35.84	-31.42	-39.35	-7.83	-62.42	-46.98	-0.80	0.00	-1.14	0.00	0.00	0.00	0.00	-5.80	0.00	0.00	0.00	0.00	-7.67	-1.98	-41.57	-62.31
ALBANY___2	67.32	55.22	54.20	53.11	51.99	43.46	85.85	69.26	30.64	34.22	34.03	42.46	41.40	42.45	47.38	47.86	48.27	46.50	44.85	44.07	45.11	44.69	54.12	62.55
23572	1.15	1.01	1.15	1.37	0.80	2.54	1.41	0.93	1.13	1.63	1.47	2.06	2.06	1.79	2.41	2.26	3.03	3.03	2.57	2.56	2.06	2.68	0.72	0.02
	-49.70	-39.11	-35.84	-31.42	-39.35	-7.83	-62.42	-46.98	-0.80	0.00	-1.14	0.00	0.00	0.00	0.00	-5.80	0.00	0.00	0.00	0.00	-7.67	-1.98	-41.57	-62.31
ALBANY___3	67.32	55.22	54.20	53.11	51.99	43.46	85.85	69.26	30.64	34.22	34.03	42.46	41.40	42.45	47.38	47.86	48.27	46.50	44.85	44.07	45.11	44.69	54.12	62.55
23573	1.15	1.01	1.15	1.37	0.80	2.54	1.41	0.93	1.13	1.63	1.47	2.06	2.06	1.79	2.41	2.26	3.03	3.03	2.57	2.56	2.06	2.68	0.72	0.02
	-49.70	-39.11	-35.84	-31.42	-39.35	-7.83	-62.42	-46.98	-0.80	0.00	-1.14	0.00	0.00	0.00	0.00	-5.80	0.00	0.00	0.00	0.00	-7.67	-1.98	-41.57	-62.31
ALBANY___4	67.32	55.22	54.20	53.11	51.99	43.46	85.85	69.26	30.64	34.22	34.03	42.46	41.40	42.45	47.38	47.86	48.27	46.50	44.85	44.07	45.11	44.69	54.12	62.55
23574	1.15	1.01	1.15	1.37	0.80	2.54	1.41	0.93	1.13	1.63	1.47	2.06	2.06	1.79	2.41	2.26	3.03	3.03	2.57	2.56	2.06	2.68	0.72	0.02
	-49.70	-39.11	-35.84	-31.42	-39.35	-7.83	-62.42	-46.98	-0.80	0.00	-1.14	0.00	0.00	0.00	0.00	-5.80	0.00	0.00	0.00	0.00	-7.67	-1.98	-41.57	-62.31
ALLEGHENY___COGEN	22.65	19.93	21.57	24.03	16.72	33.42	29.10	26.13	27.21	30.95	29.96	38.41	37.51	39.08	43.37	39.01	43.68	42.09	41.72	41.44	36.21	40.29	17.12	8.29
23514	-0.24	-0.21	-0.27	-0.31	-0.18	-0.69	-0.92	-1.24	-1.59	-1.64	-1.61	-1.99	-1.84	-1.58	-1.60	-1.54	-1.56	-1.37	-0.56	-0.07	-0.16	0.01	-0.09	-0.02
	-6.42	-5.03	-4.62	-4.03	-5.06	-1.02	-7.99	-6.01	-0.10	0.00	-0.15	0.00	0.00	0.00	0.00	-0.75	0.00	0.00	0.00	0.00	-0.99	-0.26	-5.38	-8.09

AMERICAN_REF_FUEL 24010	20.84 -1.29 -5.66	18.45 -1.07 -4.42	20.13 -1.16 -4.07	22.51 -1.34 -3.54	15.51 -0.77 -4.44	31.39 -2.61 -0.90	27.38 -1.64 -7.00	25.58 -1.04 -5.26	27.65 -1.15 -0.09	30.55 -2.04 0.00	29.69 -1.87 -0.13	37.54 -2.85 0.00	36.38 -2.96 0.00	37.94 -2.72 0.00	41.41 -3.56 0.00	37.14 -3.32 -0.65	41.19 -4.05 0.00	39.60 -3.86 0.00	39.16 -3.12 0.00	38.31 -3.21 0.00	33.40 -2.87 -0.89	36.74 -3.52 -0.23	15.81 -0.85 -4.84	7.44 -0.02 -7.24
AMERICAN__BRASS 23903	20.87 -1.29 -5.68	18.48 -1.07 -4.45	20.15 -1.16 -4.09	22.54 -1.34 -3.57	15.54 -0.77 -4.47	31.39 -2.61 -0.90	27.44 -1.64 -7.06	25.63 -1.04 -5.31	27.65 -1.15 -0.09	30.55 -2.04 0.00	29.69 -1.87 -0.13	37.54 -2.85 0.00	36.38 -2.96 0.00	37.94 -2.72 0.00	41.41 -3.56 0.00	37.15 -3.32 -0.66	41.19 -4.05 0.00	39.60 -3.86 0.00	39.16 -3.12 0.00	38.31 -3.21 0.00	33.41 -2.87 -0.90	36.74 -3.52 -0.23	15.84 -0.85 -4.87	7.47 -0.02 -7.27
ARTHUR_KILL_GT_1 23520	57.91 0.95 -40.49	47.84 0.81 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.68 -32.17	47.35 2.04 -12.21	76.54 1.58 -52.93	61.47 1.55 -38.56	119.18 2.03 -88.44	139.96 2.39 -104.97	110.63 2.43 -76.77	121.32 3.23 -77.70	114.24 3.16 -71.74	85.88 3.41 -41.82	48.67 3.70 0.00	47.88 3.34 -4.74	48.70 3.46 0.00	46.44 2.97 0.00	45.17 2.89 0.00	44.36 2.85 0.00	44.37 2.73 -6.27	44.45 2.80 -1.62	46.60 0.81 -33.96	51.02 0.03 -50.77
ARTHUR_KILL_2 23512	57.91 0.95 -40.49	47.84 0.81 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.68 -32.17	47.35 2.04 -12.21	76.54 1.58 -52.93	61.47 1.55 -38.56	119.18 2.03 -88.44	139.96 2.39 -104.97	110.63 2.43 -76.77	121.32 3.23 -77.70	114.24 3.16 -71.74	85.88 3.41 -41.82	48.67 3.70 0.00	47.88 3.34 -4.74	48.70 3.46 0.00	46.44 2.97 0.00	45.17 2.89 0.00	44.36 2.85 0.00	44.37 2.73 -6.27	44.45 2.80 -1.62	46.60 0.81 -33.96	51.02 0.03 -50.77
ARTHUR_KILL_3 23513	57.96 1.00 -40.49	47.90 0.88 -31.92	47.43 1.00 -29.21	47.09 1.12 -25.66	44.56 0.69 -32.03	47.29 2.09 -12.11	75.99 1.63 -52.33	61.16 1.69 -38.12	119.41 2.28 -88.43	140.23 2.67 -104.97	110.88 2.70 -76.76	121.66 3.56 -77.70	114.57 3.50 -71.74	86.24 3.76 -41.82	49.07 4.10 0.00	48.23 3.69 -4.74	49.10 3.86 0.00	46.81 3.35 0.00	45.52 3.23 0.00	44.67 3.16 0.00	44.60 2.96 -6.27	44.63 2.98 -1.62	46.66 0.87 -33.96	51.02 0.03 -50.77
ASHOKAN____ 23654	60.99 0.73 -43.79	50.20 0.69 -34.41	49.57 0.79 -31.57	48.84 0.90 -27.63	46.99 0.54 -34.61	41.53 1.52 -6.91	78.00 1.15 -54.82	63.80 1.20 -41.26	30.92 1.51 -0.71	34.41 1.81 0.00	34.20 1.77 -1.00	42.69 2.29 0.00	41.60 2.26 0.00	43.03 2.37 0.00	47.44 2.47 0.00	47.14 2.24 -5.10	47.57 2.33 0.00	45.56 2.10 0.00	44.42 2.14 0.00	43.60 2.09 0.00	44.02 1.90 -6.74	43.72 1.95 -1.74	48.90 0.55 -36.53	55.12 0.01 -54.89
ASTORIA 5-9____ 23662	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.72 4.64 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.21 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.66 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA GT2____ 23536	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA GT3____ 23731	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA GT4____ 23727	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT2_1 24094	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT2_2 24095	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT2_3 24096	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT2_4 24097	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT3_1 24098	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT3_2 24099	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77

ASTORIA_GT3_3 24100	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT3_4 24101	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT4_1 24102	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT4_2 24103	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT4_3 24104	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT4_4 24105	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.71 4.63 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.20 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.65 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT_1 23523	58.14 1.17 -40.49	48.05 1.02 -31.92	47.63 1.20 -29.21	47.31 1.34 -25.66	44.82 0.82 -32.17	47.80 2.49 -12.21	76.89 1.94 -52.93	61.90 1.99 -38.56	119.79 2.65 -88.44	140.59 3.02 -104.97	111.22 3.03 -76.77	122.07 3.97 -77.70	114.98 3.90 -71.74	86.68 4.20 -41.82	49.69 4.72 0.00	48.84 4.30 -4.74	49.77 4.53 0.00	47.41 3.95 0.00	46.07 3.79 0.00	45.23 3.71 0.00	45.09 3.44 -6.27	45.13 3.48 -1.62	46.82 1.03 -33.96	51.03 0.04 -50.77
ASTORIA_GT_10 24110	58.14 1.17 -40.49	48.05 1.02 -31.92	47.63 1.20 -29.21	47.31 1.34 -25.66	44.82 0.82 -32.17	47.80 2.49 -12.21	76.89 1.94 -52.93	61.90 1.99 -38.56	119.79 2.65 -88.44	140.59 3.02 -104.97	111.22 3.03 -76.77	122.07 3.97 -77.70	114.98 3.90 -71.74	86.68 4.20 -41.82	49.69 4.72 0.00	48.84 4.30 -4.74	49.77 4.53 0.00	47.41 3.95 0.00	46.07 3.79 0.00	45.23 3.71 0.00	45.09 3.44 -6.27	45.13 3.48 -1.62	46.82 1.03 -33.96	51.03 0.04 -50.77
ASTORIA_GT_11 24225	58.14 1.17 -40.49	48.05 1.02 -31.92	47.63 1.20 -29.21	47.31 1.34 -25.66	44.82 0.82 -32.17	47.80 2.49 -12.21	76.89 1.94 -52.93	61.90 1.99 -38.56	119.79 2.65 -88.44	140.59 3.02 -104.97	111.22 3.03 -76.77	122.07 3.97 -77.70	114.98 3.90 -71.74	86.68 4.20 -41.82	49.69 4.72 0.00	48.84 4.30 -4.74	49.77 4.53 0.00	47.41 3.95 0.00	46.07 3.79 0.00	45.23 3.71 0.00	45.09 3.44 -6.27	45.13 3.48 -1.62	46.82 1.03 -33.96	51.03 0.04 -50.77
ASTORIA_GT_12 24226	58.14 1.17 -40.49	48.05 1.02 -31.92	47.63 1.20 -29.21	47.31 1.34 -25.66	44.82 0.82 -32.17	47.80 2.49 -12.21	76.89 1.94 -52.93	61.90 1.99 -38.56	119.79 2.65 -88.44	140.59 3.02 -104.97	111.22 3.03 -76.77	122.07 3.97 -77.70	114.98 3.90 -71.74	86.68 4.20 -41.82	49.69 4.72 0.00	48.84 4.30 -4.74	49.77 4.53 0.00	47.41 3.95 0.00	46.07 3.79 0.00	45.23 3.71 0.00	45.09 3.44 -6.27	45.13 3.48 -1.62	46.82 1.03 -33.96	51.03 0.04 -50.77
ASTORIA_GT_13 24227	58.14 1.17 -40.49	48.05 1.02 -31.92	47.63 1.20 -29.21	47.31 1.34 -25.66	44.82 0.82 -32.17	47.80 2.49 -12.21	76.89 1.94 -52.93	61.90 1.99 -38.56	119.79 2.65 -88.44	140.59 3.02 -104.97	111.22 3.03 -76.77	122.07 3.97 -77.70	114.98 3.90 -71.74	86.68 4.20 -41.82	49.69 4.72 0.00	48.84 4.30 -4.74	49.77 4.53 0.00	47.41 3.95 0.00	46.07 3.79 0.00	45.23 3.71 0.00	45.09 3.44 -6.27	45.13 3.48 -1.62	46.82 1.03 -33.96	51.03 0.04 -50.77
ASTORIA_GT_5 24106	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.72 4.64 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.21 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.66 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT_7 24107	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.72 4.64 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.21 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.66 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT_8 24108	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.72 4.64 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.21 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.66 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA_GT_9 24109	58.40 1.44 -40.49	48.30 1.28 -31.92	47.92 1.50 -29.21	47.63 1.65 -25.66	44.99 0.99 -32.17	48.34 3.03 -12.21	77.30 2.35 -52.93	62.31 2.39 -38.56	120.32 3.18 -88.44	141.17 3.61 -104.97	111.80 3.60 -76.77	122.83 4.73 -77.70	115.72 4.64 -71.74	87.43 4.96 -41.82	50.56 5.59 0.00	49.68 5.14 -4.74	50.69 5.45 0.00	48.21 4.74 0.00	46.78 4.50 0.00	45.89 4.38 0.00	45.66 4.01 -6.27	45.74 4.08 -1.62	47.03 1.24 -33.96	51.03 0.04 -50.77
ASTORIA__2 24149	58.44 1.48 -40.49	48.33 1.31 -31.92	47.96 1.53 -29.21	47.67 1.69 -25.66	44.88 1.01 -32.03	48.31 3.11 -12.11	76.74 2.40 -52.32	61.90 2.45 -38.11	120.39 3.26 -88.43	141.26 3.70 -104.97	111.88 3.69 -76.76	122.94 4.85 -77.70	115.82 4.75 -71.74	87.54 5.07 -41.82	50.69 5.72 0.00	49.80 5.26 -4.74	50.82 5.58 0.00	48.33 4.86 0.00	46.90 4.61 0.00	45.99 4.48 0.00	45.75 4.10 -6.27	45.84 4.19 -1.62	47.06 1.27 -33.96	51.04 0.05 -50.77

ASTORIA___3 23516	58.35 1.39 -40.49	48.28 1.26 -31.92	47.90 1.47 -29.21	47.60 1.63 -25.66	44.83 0.97 -32.03	48.18 2.97 -12.11	76.65 2.31 -52.31	61.80 2.35 -38.10	120.26 3.12 -88.43	141.11 3.54 -104.97	111.72 3.54 -76.76	122.75 4.65 -77.70	115.64 4.56 -71.74	87.35 4.87 -41.82	50.46 5.49 0.00	49.59 5.05 -4.74	50.58 5.34 0.00	48.12 4.65 0.00	46.70 4.42 0.00	45.81 4.30 0.00	45.59 3.94 -6.27	45.66 4.01 -1.62	47.01 1.22 -33.96	51.03 0.04 -50.77
ASTORIA___4 23517	58.03 1.07 -40.49	47.97 0.95 -31.92	47.57 1.14 -29.21	47.26 1.28 -25.66	44.79 0.78 -32.17	47.70 2.40 -12.21	76.81 1.86 -52.93	61.77 1.85 -38.56	119.57 2.43 -88.44	140.35 2.78 -104.97	110.98 2.78 -76.77	121.74 3.64 -77.70	114.66 3.58 -71.74	86.33 3.86 -41.82	49.41 4.44 0.00	48.61 4.07 -4.74	49.49 4.25 0.00	47.15 3.68 0.00	45.82 3.53 0.00	44.97 3.46 0.00	44.87 3.22 -6.27	44.89 3.24 -1.62	46.76 0.97 -33.96	51.02 0.03 -50.77
ASTORIA___5 23518	58.35 1.39 -40.49	48.27 1.25 -31.92	47.88 1.45 -29.21	47.57 1.60 -25.66	44.95 0.94 -32.17	48.19 2.88 -12.21	77.20 2.25 -52.93	62.19 2.27 -38.56	120.11 2.97 -88.44	140.88 3.32 -104.97	111.51 3.31 -76.77	122.45 4.36 -77.70	115.34 4.27 -71.74	87.05 4.57 -41.82	50.15 5.18 0.00	49.35 4.81 -4.74	50.31 5.07 0.00	47.83 4.37 0.00	46.43 4.15 0.00	45.54 4.03 0.00	45.36 3.71 -6.27	45.41 3.76 -1.62	46.97 1.18 -33.96	51.03 0.04 -50.77
ASTRIA 10-13____ 23663	58.14 1.17 -40.49	48.05 1.02 -31.92	47.63 1.20 -29.21	47.31 1.34 -25.66	44.82 0.82 -32.17	47.80 2.49 -12.21	76.89 1.94 -52.93	61.90 1.99 -38.56	119.79 2.65 -88.44	140.59 3.02 -104.97	111.22 3.03 -76.77	122.07 3.97 -77.70	114.98 3.90 -71.74	86.68 4.20 -41.82	49.69 4.72 0.00	48.84 4.30 -4.74	49.77 4.53 0.00	47.41 3.95 0.00	46.07 3.79 0.00	45.23 3.71 0.00	45.09 3.44 -6.27	45.13 3.48 -1.62	46.82 1.03 -33.96	51.03 0.04 -50.77
BARRETT 1-8___GRP4 24034	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT 9-12___GRP3 24033	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_1 23704	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_10 23701	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_11 23702	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_12 23703	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_2 23705	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_3 23706	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_4 23707	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_5 23708	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_6 23709	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_7 23710	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77

BARRETT_IC_8 23711	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT_IC_9 23700	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.89 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.70 1.77 -10.83	75.72 1.37 -52.32	60.82 1.36 -38.11	118.95 1.82 -88.43	139.73 2.17 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.98 2.90 -71.74	116.83 3.12 -73.05	73.15 3.42 -24.76	54.80 3.10 -11.90	64.26 3.21 -15.81	139.37 2.80 -93.11	117.36 2.73 -72.34	135.06 2.58 -90.97	140.81 2.41 -103.02	112.03 2.39 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT___1 23545	57.83 0.87 -40.49	47.79 0.77 -31.92	47.31 0.88 -29.21	47.25 1.00 -25.93	49.25 0.60 -36.82	45.69 1.77 -10.83	75.72 1.37 -52.32	60.82 1.35 -38.11	118.94 1.81 -88.43	139.73 2.16 -104.97	110.45 2.26 -76.76	121.03 2.93 -77.70	113.97 2.89 -71.74	116.82 3.11 -73.05	73.14 3.41 -24.76	54.79 3.09 -11.90	64.25 3.20 -15.81	139.37 2.79 -93.11	117.35 2.72 -72.34	135.05 2.57 -90.97	140.81 2.41 -103.02	112.02 2.38 -69.61	48.25 0.70 -35.72	51.00 0.02 -50.77
BARRETT___2 23546	57.80 0.84 -40.49	47.77 0.75 -31.92	47.28 0.85 -29.21	47.18 0.94 -25.93	49.36 0.56 -36.95	45.70 1.68 -10.93	76.26 1.31 -52.92	61.14 1.23 -38.56	118.76 1.62 -88.44	139.50 1.93 -104.97	110.28 2.08 -76.77	120.73 2.64 -77.70	113.72 2.64 -71.74	116.56 2.85 -73.05	72.91 3.18 -24.76	54.61 2.91 -11.90	64.07 3.02 -15.81	139.21 2.63 -93.11	117.20 2.57 -72.34	134.84 2.36 -90.97	140.60 2.20 -103.02	111.80 2.16 -69.61	48.18 0.64 -35.72	51.00 0.02 -50.77
BEAVER RIVER___HYD 24048	17.14 -0.15 -0.82	15.57 -0.22 -0.68	17.61 -0.21 -0.60	20.67 -0.20 -0.56	12.42 -0.11 -0.69	33.31 0.10 -0.12	22.97 -0.19 -1.13	21.68 -0.52 -0.85	28.14 -0.58 -0.01	32.27 -0.32 0.00	30.99 -0.45 -0.02	39.95 -0.45 0.00	38.99 -0.36 0.00	39.97 -0.69 0.00	44.62 -0.35 0.00	39.45 -0.46 -0.10	45.25 0.01 0.00	43.63 0.17 0.00	42.03 -0.25 0.00	41.35 -0.16 0.00	35.08 -0.44 -0.14	39.86 -0.20 -0.04	12.43 -0.16 -0.77	1.26 -0.01 -1.04
BEEBEE_GT_13 23619	20.83 -0.05 -4.41	18.52 -0.08 -3.50	20.28 -0.12 -3.18	23.14 0.01 -2.82	15.42 0.06 -3.52	34.15 0.36 -0.69	27.63 -0.01 -5.62	25.64 0.06 -4.23	29.15 0.37 -0.07	33.14 0.54 0.00	32.09 0.56 -0.10	41.12 0.73 0.00	40.16 0.81 0.00	41.69 1.03 0.00	46.32 1.35 0.00	41.37 1.04 -0.53	47.00 1.76 0.00	45.31 1.84 0.00	43.70 1.42 0.00	42.82 1.31 0.00	36.96 0.88 -0.70	41.60 1.39 -0.18	15.93 0.29 -3.82	5.83 0.01 -5.60
BETHLEHEM___STEEL 23779	21.29 -1.03 -5.84	18.87 -0.87 -4.63	20.47 -0.97 -4.22	22.91 -1.13 -3.73	15.85 -0.65 -4.66	31.81 -2.20 -0.91	28.16 -1.28 -7.42	26.30 -0.63 -5.58	28.23 -0.57 -0.10	31.23 -1.36 0.00	30.35 -1.22 -0.14	38.39 -2.01 0.00	37.25 -2.09 0.00	38.90 -1.76 0.00	42.50 -2.47 0.00	38.13 -2.36 -0.69	42.13 -3.11 0.00	40.40 -3.06 0.00	39.88 -2.40 0.00	39.04 -2.48 0.00	34.15 -2.18 -0.96	37.52 -2.75 -0.25	16.33 -0.67 -5.18	8.11 -0.02 -7.91
BINGHAMTON___COGEN 23790	28.75 -0.03 -12.31	24.86 0.05 -9.71	26.14 0.04 -8.88	28.11 -0.01 -7.81	21.59 -0.01 -9.76	34.97 -0.06 -1.93	37.59 0.07 -15.50	33.25 0.23 -11.66	29.19 0.29 -0.20	32.92 0.32 0.00	31.99 0.28 -0.28	40.77 0.38 0.00	39.52 0.18 0.00	40.39 -0.27 0.00	44.51 -0.46 0.00	40.74 -0.51 -1.44	44.20 -1.04 0.00	42.16 -1.30 0.00	41.13 -1.16 0.00	40.45 -1.06 0.00	36.43 -0.85 -1.90	39.41 -1.12 -0.49	21.88 -0.24 -10.29	15.61 0.00 -15.39
BLACK RIVER___HYD 24047	17.79 -0.17 -1.50	16.04 -0.26 -1.20	18.05 -0.26 -1.08	21.03 -0.25 -0.97	12.91 -0.13 -1.20	33.43 0.10 -0.23	23.77 -0.19 -1.93	22.24 -0.57 -1.46	28.10 -0.63 -0.02	32.27 -0.33 0.00	30.95 -0.51 -0.04	39.89 -0.51 0.00	39.00 -0.34 0.00	39.92 -0.74 0.00	44.66 -0.31 0.00	39.52 -0.46 -0.18	45.33 0.10 0.00	43.71 0.24 0.00	42.05 -0.24 0.00	41.38 -0.13 0.00	35.14 -0.48 -0.24	39.89 -0.20 -0.06	12.95 -0.18 -1.30	2.11 -0.01 -1.89
BOWLINE___1 23526	56.84 0.66 -39.72	46.97 0.58 -31.28	46.50 0.64 -28.64	46.17 0.72 -25.15	43.46 0.41 -31.21	40.41 1.19 -6.13	71.83 1.00 -48.80	59.27 1.19 -36.73	30.98 1.65 -0.63	34.56 1.97 0.00	34.31 1.99 -0.89	43.03 2.64 0.00	41.93 2.59 0.00	43.50 2.84 0.00	47.95 2.98 0.00	47.08 2.64 -4.64	47.90 2.67 0.00	45.75 2.29 0.00	44.60 2.32 0.00	43.80 2.28 0.00	43.68 2.16 -6.14	43.70 2.08 -1.59	45.71 0.61 -33.28	50.03 0.02 -49.79
BOWLINE___2 23595	56.84 0.66 -39.72	46.97 0.58 -31.29	46.51 0.64 -28.65	46.18 0.72 -25.15	43.61 0.41 -31.36	40.51 1.19 -6.23	72.49 1.00 -49.46	59.76 1.19 -37.22	30.99 1.65 -0.64	34.56 1.97 0.00	34.32 1.99 -0.90	43.03 2.64 0.00	41.93 2.59 0.00	43.50 2.84 0.00	47.95 2.98 0.00	47.08 2.64 -4.64	47.90 2.67 0.00	45.75 2.29 0.00	44.60 2.32 0.00	43.80 2.28 0.00	43.68 2.16 -6.14	43.70 2.08 -1.59	45.72 0.61 -33.28	50.04 0.02 -49.80
BROOKLYN_NAVY_YARD 23515	57.97 1.01 -40.49	47.87 0.85 -31.92	47.40 0.97 -29.21	47.06 1.08 -25.66	44.67 0.66 -32.17	47.30 2.00 -12.21	76.53 1.57 -52.93	61.57 1.66 -38.56	119.39 2.25 -88.44	140.22 2.65 -104.97	110.88 2.69 -76.77	121.64 3.55 -77.70	114.56 3.48 -71.74	86.23 3.75 -41.82	49.03 4.06 0.00	48.17 3.63 -4.74	49.04 3.80 0.00	46.76 3.29 0.00	45.45 3.16 0.00	44.59 3.08 0.00	44.52 2.87 -6.27	44.53 2.88 -1.62	46.64 0.85 -33.96	51.02 0.03 -50.77
BURROWS___LYONSDAL 23803	17.22 0.15 -0.60	15.63 0.09 -0.43	17.77 0.13 -0.43	20.82 0.18 -0.34	12.38 0.10 -0.43	33.71 0.52 -0.10	22.91 0.24 -0.64	21.89 0.05 -0.48	28.84 0.12 -0.01	32.92 0.33 0.00	31.66 0.22 -0.01	40.76 0.36 0.00	39.72 0.38 0.00	40.90 0.24 0.00	45.46 0.49 0.00	40.23 0.37 -0.06	45.93 0.69 0.00	44.19 0.72 0.00	42.76 0.48 0.00	42.03 0.52 0.00	35.75 0.29 -0.08	40.53 0.48 -0.02	12.34 0.09 -0.43	0.97 0.00 -0.75
CARR STREET_E_SYR 24060	19.23 -0.29 -3.06	17.29 -0.27 -2.46	19.12 -0.31 -2.21	21.95 -0.36 -2.00	14.12 -0.20 -2.48	33.03 -0.53 -0.47	25.68 -0.35 -4.00	24.06 -0.30 -3.01	28.41 -0.35 -0.05	32.19 -0.40 0.00	31.08 -0.42 -0.07	39.82 -0.58 0.00	38.77 -0.57 0.00	40.09 -0.58 0.00	44.34 -0.63 0.00	39.57 -0.61 -0.38	44.58 -0.66 0.00	42.83 -0.63 0.00	41.66 -0.62 0.00	40.91 -0.61 0.00	35.30 -0.58 -0.50	39.52 -0.63 -0.13	14.32 -0.19 -2.68	4.06 -0.01 -3.85
CARTHAGE___PAPER 23857	17.69 -0.17 -1.39	15.92 -0.26 -1.08	17.97 -0.26 -1.00	20.93 -0.25 -0.86	12.80 -0.13 -1.09	33.42 0.10 -0.22	23.54 -0.19 -1.71	22.07 -0.57 -1.29	28.10 -0.63 -0.02	32.27 -0.33 0.00	30.95 -0.51 -0.03	39.89 -0.51 0.00	39.00 -0.34 0.00	39.92 -0.74 0.00	44.66 -0.31 0.00	39.50 -0.46 -0.16	45.33 0.10 0.00	43.71 0.24 0.00	42.05 -0.24 0.00	41.38 -0.13 0.00	35.11 -0.48 -0.21	39.88 -0.20 -0.06	12.80 -0.18 -1.15	1.97 -0.01 -1.76
CH_MISC_IPPS 23765	58.87 0.75 -41.65	48.50 0.66 -32.74	47.98 0.74 -30.03	47.44 0.84 -26.29	45.26 0.50 -32.92	41.13 1.47 -6.57	75.30 1.14 -52.13	61.83 1.24 -39.23	31.01 1.64 -0.67	34.48 1.89 0.00	34.28 1.90 -0.95	42.92 2.52 0.00	41.76 2.42 0.00	43.22 2.56 0.00	47.64 2.67 0.00	47.05 2.42 -4.82	47.76 2.52 0.00	45.67 2.20 0.00	44.52 2.23 0.00	43.70 2.19 0.00	43.83 2.04 -6.41	43.75 2.06 -1.66	47.20 0.61 -34.76	52.45 0.02 -52.21

CH_RES_BVR_FALLS 23983	15.15 -0.03 1.29	14.12 -0.02 0.96	16.27 -0.02 0.92	19.53 -0.02 0.76	10.86 -0.02 0.96	32.84 -0.04 0.21	20.52 -0.04 1.47	20.18 -0.07 1.10	28.60 -0.08 0.02	32.51 -0.09 0.00	31.32 -0.08 0.03	40.30 -0.10 0.00	39.24 -0.10 0.00	40.53 -0.13 0.00	44.85 -0.12 0.00	39.55 -0.12 0.14	45.14 -0.10 0.00	43.40 -0.07 0.00	42.20 -0.08 0.00	41.43 -0.08 0.00	35.11 -0.09 0.18	39.91 -0.07 0.05	10.82 -0.02 0.98	-1.39 0.00 1.61
CH_RES_NIAGARA 23895	20.79 -1.32 -5.64	18.38 -1.13 -4.40	20.00 -1.29 -4.06	22.37 -1.47 -3.53	15.40 -0.86 -4.42	31.12 -2.87 -0.90	27.24 -1.75 -6.97	25.54 -1.06 -5.24	27.62 -1.18 -0.09	30.36 -2.23 0.00	29.48 -2.07 -0.13	37.17 -3.22 0.00	35.98 -3.36 0.00	37.54 -3.12 0.00	40.92 -4.05 0.00	36.71 -3.75 -0.65	40.72 -4.52 0.00	39.24 -4.22 0.00	38.91 -3.38 0.00	38.05 -3.47 0.00	33.13 -3.14 -0.88	36.38 -3.88 -0.23	15.69 -0.92 -4.79	7.39 -0.03 -7.20
CH_RES_SYRACUSE 23985	19.61 -0.47 -3.61	17.53 -0.42 -2.85	19.33 -0.49 -2.60	22.00 -0.60 -2.29	14.34 -0.35 -2.86	32.61 -1.06 -0.57	25.86 -0.71 -4.54	24.12 -0.65 -3.42	27.96 -0.81 -0.06	31.62 -0.97 0.00	30.55 -0.96 -0.09	39.11 -1.29 0.00	38.06 -1.28 0.00	39.46 -1.21 0.00	43.60 -1.37 0.00	39.00 -1.25 -0.44	43.82 -1.42 0.00	42.13 -1.33 0.00	41.07 -1.21 0.00	40.34 -1.17 0.00	34.90 -1.05 -0.57	38.98 -1.20 -0.15	14.57 -0.34 -3.09	4.80 -0.01 -4.58
CORNELL____ 23752	23.64 0.15 -7.03	20.66 0.09 -5.47	22.30 0.02 -5.06	24.70 0.01 -4.38	17.38 0.04 -5.50	34.45 0.24 -1.12	31.05 0.36 -8.66	28.57 0.70 -6.52	30.00 1.19 -0.11	33.91 1.31 0.00	32.98 1.40 -0.16	42.09 1.70 0.00	41.17 1.82 0.00	43.32 2.66 0.00	47.72 2.75 0.00	43.02 2.41 -0.81	47.80 2.56 0.00	45.70 2.23 0.00	44.37 2.09 0.00	43.45 1.94 0.00	38.26 1.81 -1.07	42.32 2.01 -0.28	18.03 0.42 -5.78	9.02 -0.02 -8.82
COXSACKIE___GT 23611	61.74 0.52 -44.75	50.85 0.50 -35.24	50.08 0.59 -32.27	49.32 0.68 -28.33	47.71 0.42 -35.46	41.26 1.12 -7.05	79.10 0.81 -56.26	64.55 0.85 -42.35	30.49 1.06 -0.72	33.74 1.14 0.00	33.53 1.07 -1.03	41.73 1.33 0.00	40.65 1.31 0.00	42.01 1.35 0.00	46.39 1.42 0.00	46.37 1.34 -5.23	46.60 1.36 0.00	44.70 1.23 0.00	43.57 1.29 0.00	42.75 1.23 0.00	43.42 1.12 -6.92	43.05 1.24 -1.79	49.68 0.36 -37.49	56.34 0.01 -56.11
CRESCENT___HYD 24018	67.67 1.35 -49.85	55.57 1.20 -39.27	54.57 1.40 -35.95	53.56 1.68 -31.57	52.33 0.97 -39.52	43.91 2.97 -7.85	86.44 1.67 -62.75	69.65 1.07 -47.22	30.69 1.18 -0.81	34.20 1.60 0.00	33.95 1.37 -1.15	42.35 1.95 0.00	41.31 1.97 0.00	42.33 1.67 0.00	47.37 2.40 0.00	48.01 2.37 -5.83	48.42 3.18 0.00	46.65 3.18 0.00	44.98 2.70 0.00	44.16 2.65 0.00	45.19 2.10 -7.71	44.84 2.82 -2.00	54.40 0.78 -41.79	62.73 0.00 -62.50
DANSKAMMER___1 23586	58.77 0.65 -41.65	48.40 0.56 -32.74	47.86 0.62 -30.03	47.30 0.70 -26.29	45.09 0.42 -32.83	40.78 1.21 -6.48	74.78 0.98 -51.77	61.41 1.10 -38.96	30.84 1.47 -0.67	34.30 1.71 0.00	34.10 1.73 -0.95	42.71 2.31 0.00	41.57 2.23 0.00	43.05 2.39 0.00	47.44 2.47 0.00	46.86 2.24 -4.82	47.54 2.30 0.00	45.45 1.99 0.00	44.30 2.02 0.00	43.50 1.99 0.00	43.66 1.87 -6.41	43.54 1.85 -1.66	47.13 0.55 -34.76	52.46 0.02 -52.21
DANSKAMMER___2 23589	58.77 0.65 -41.65	48.40 0.56 -32.74	47.86 0.62 -30.03	47.30 0.70 -26.29	45.09 0.42 -32.83	40.78 1.21 -6.48	74.78 0.98 -51.77	61.41 1.10 -38.96	30.84 1.47 -0.67	34.30 1.71 0.00	34.10 1.73 -0.95	42.71 2.31 0.00	41.57 2.23 0.00	43.05 2.39 0.00	47.44 2.47 0.00	46.86 2.24 -4.82	47.54 2.30 0.00	45.45 1.99 0.00	44.30 2.02 0.00	43.50 1.99 0.00	43.66 1.87 -6.41	43.54 1.85 -1.66	47.13 0.55 -34.76	52.46 0.02 -52.21
DANSKAMMER___3 23590	58.77 0.65 -41.65	48.40 0.56 -32.74	47.86 0.62 -30.03	47.30 0.70 -26.29	45.17 0.42 -32.92	40.87 1.21 -6.57	75.14 0.98 -52.13	61.68 1.10 -39.23	30.84 1.47 -0.67	34.30 1.71 0.00	34.10 1.73 -0.95	42.71 2.31 0.00	41.57 2.23 0.00	43.05 2.39 0.00	47.44 2.47 0.00	46.86 2.24 -4.82	47.54 2.30 0.00	45.45 1.99 0.00	44.30 2.02 0.00	43.50 1.99 0.00	43.66 1.87 -6.41	43.54 1.85 -1.66	47.13 0.55 -34.76	52.46 0.02 -52.21
DANSKAMMER___4 23591	58.77 0.65 -41.65	48.40 0.56 -32.74	47.86 0.62 -30.03	47.30 0.70 -26.29	45.09 0.42 -32.83	40.78 1.21 -6.48	74.78 0.98 -51.77	61.41 1.10 -38.96	30.84 1.47 -0.67	34.30 1.71 0.00	34.10 1.73 -0.95	42.71 2.31 0.00	41.57 2.23 0.00	43.05 2.39 0.00	47.44 2.47 0.00	46.86 2.24 -4.82	47.54 2.30 0.00	45.45 1.99 0.00	44.30 2.02 0.00	43.50 1.99 0.00	43.66 1.87 -6.41	43.54 1.85 -1.66	47.13 0.55 -34.76	52.46 0.02 -52.21
DANSKAMMER___DIESEL 23592	58.77 0.65 -41.65	48.40 0.56 -32.74	47.86 0.62 -30.03	47.30 0.70 -26.29	45.17 0.42 -32.92	40.87 1.21 -6.57	75.14 0.98 -52.13	61.68 1.10 -39.23	30.84 1.47 -0.67	34.30 1.71 0.00	34.10 1.73 -0.95	42.71 2.31 0.00	41.57 2.23 0.00	43.05 2.39 0.00	47.44 2.47 0.00	46.86 2.24 -4.82	47.54 2.30 0.00	45.45 1.99 0.00	44.30 2.02 0.00	43.50 1.99 0.00	43.66 1.87 -6.41	43.54 1.85 -1.66	47.13 0.55 -34.76	52.46 0.02 -52.21
DASHVILLE___HYD 23610	59.59 0.70 -42.42	49.08 0.62 -33.36	48.49 0.69 -30.59	47.88 0.77 -26.80	45.83 0.45 -33.55	41.05 1.27 -6.69	76.16 0.99 -53.14	62.45 1.10 -40.00	30.87 1.48 -0.68	34.31 1.71 0.00	34.11 1.72 -0.97	42.70 2.30 0.00	41.59 2.25 0.00	43.09 2.43 0.00	47.48 2.51 0.00	47.00 2.26 -4.94	47.54 2.30 0.00	45.47 2.01 0.00	44.33 2.04 0.00	43.53 2.02 0.00	43.81 1.89 -6.54	43.62 1.89 -1.69	47.84 0.58 -35.43	53.42 0.02 -53.18
DOGLEVILLE___HYD 23807	17.05 1.14 0.56	15.74 1.02 0.39	17.99 1.17 0.39	21.35 1.34 0.30	12.24 0.78 0.38	35.21 2.22 0.10	23.22 1.74 0.55	22.71 1.77 0.41	30.79 2.09 0.01	34.97 2.37 0.00	33.63 2.22 0.01	43.31 2.91 0.00	42.16 2.81 0.00	43.62 2.96 0.00	48.26 3.29 0.00	42.95 3.20 0.05	48.63 3.39 0.00	46.49 3.03 0.00	45.30 3.02 0.00	44.46 2.95 0.00	38.12 2.81 0.07	43.01 3.00 0.02	12.34 0.88 0.36	-0.44 0.03 0.69
DUNKIRK___1 23563	21.17 -1.72 -6.43	18.76 -1.38 -5.04	20.33 -1.52 -4.63	22.49 -1.86 -4.04	15.86 -1.04 -5.06	30.92 -3.19 -1.02	28.01 -2.01 -8.00	25.85 -1.52 -6.02	26.91 -1.90 -0.10	30.08 -2.51 0.00	29.19 -2.38 -0.15	37.08 -3.32 0.00	36.23 -3.12 0.00	38.06 -2.60 0.00	41.85 -3.12 0.00	37.58 -2.97 -0.75	41.54 -3.70 0.00	40.03 -3.44 0.00	39.37 -2.91 0.00	38.58 -2.93 0.00	33.94 -2.44 -1.00	37.23 -3.06 -0.26	16.44 -0.82 -5.44	8.32 -0.04 -8.14
DUNKIRK___2 23564	21.17 -1.72 -6.43	18.76 -1.38 -5.04	20.33 -1.52 -4.63	22.49 -1.86 -4.04	15.86 -1.04 -5.06	30.92 -3.19 -1.02	28.01 -2.01 -8.00	25.85 -1.52 -6.02	26.91 -1.90 -0.10	30.08 -2.51 0.00	29.19 -2.38 -0.15	37.08 -3.32 0.00	36.23 -3.12 0.00	38.06 -2.60 0.00	41.85 -3.12 0.00	37.58 -2.97 -0.75	41.54 -3.70 0.00	40.03 -3.44 0.00	39.37 -2.91 0.00	38.58 -2.93 0.00	33.94 -2.44 -1.00	37.23 -3.06 -0.26	16.44 -0.82 -5.44	8.32 -0.04 -8.14
DUNKIRK___3 23565	21.38 -1.56 -6.47	18.93 -1.26 -5.09	20.50 -1.38 -4.66	22.71 -1.69 -4.09	16.01 -0.94 -5.11	31.14 -2.97 -1.02	28.29 -1.83 -8.10	26.15 -1.30 -6.10	27.24 -1.57 -0.10	30.37 -2.23 0.00	29.49 -2.08 -0.15	37.41 -2.98 0.00	36.49 -2.85 0.00	38.28 -2.38 0.00	42.03 -2.94 0.00	37.75 -2.80 -0.75	41.71 -3.53 0.00	40.14 -3.32 0.00	39.51 -2.77 0.00	38.71 -2.80 0.00	34.02 -2.37 -1.01	37.32 -2.97 -0.26	16.52 -0.78 -5.48	8.37 -0.03 -8.18

DUNKIRK___4 23566	21.38 -1.55 -6.47	18.93 -1.26 -5.09	20.50 -1.38 -4.66	22.71 -1.69 -4.09	16.01 -0.94 -5.11	31.14 -2.97 -1.02	28.29 -1.83 -8.10	26.15 -1.30 -6.10	27.24 -1.57 -0.10	30.37 -2.23 0.00	29.49 -2.08 -0.15	37.41 -2.98 0.00	36.49 -2.85 0.00	38.28 -2.38 0.00	42.03 -2.94 0.00	37.75 -2.80 -0.75	41.71 -3.53 0.00	40.14 -3.32 0.00	39.51 -2.77 0.00	38.71 -2.80 0.00	34.02 -2.37 -1.01	37.32 -2.97 -0.26	16.52 -0.78 -5.48	8.37 -0.03 -8.18
EAST HAMPTON___GT 23717	57.68 0.72 -40.49	47.78 0.77 -31.92	47.33 0.91 -29.21	47.33 1.08 -25.93	49.42 0.63 -36.95	45.87 1.85 -10.93	76.24 1.30 -52.92	60.95 1.04 -38.56	118.79 1.64 -88.44	139.87 2.31 -104.97	110.62 2.43 -76.77	121.29 3.19 -77.70	114.04 2.96 -71.74	116.87 3.15 -73.05	73.05 3.32 -24.76	54.61 2.91 -11.90	64.08 3.03 -15.81	139.16 2.58 -93.11	117.19 2.57 -72.34	134.86 2.37 -90.97	140.52 2.12 -103.02	111.79 2.15 -69.61	48.12 0.58 -35.72	51.00 0.01 -50.77
EAST RIVER___6 23660	58.02 1.06 -40.49	47.93 0.91 -31.92	47.43 1.01 -29.21	47.10 1.13 -25.66	44.71 0.70 -32.17	47.43 2.12 -12.21	76.61 1.66 -52.93	61.67 1.75 -38.56	119.52 2.38 -88.44	140.37 2.81 -104.97	111.03 2.84 -76.77	121.86 3.76 -77.70	114.77 3.69 -71.74	86.45 3.97 -41.82	49.28 4.31 0.00	48.39 3.85 -4.74	49.25 4.01 0.00	46.93 3.47 0.00	45.62 3.34 0.00	44.77 3.26 0.00	44.69 3.04 -6.27	44.70 3.05 -1.62	46.68 0.89 -33.96	51.02 0.03 -50.77
EAST RIVER___7 23524	58.02 1.06 -40.49	47.93 0.91 -31.92	47.43 1.01 -29.21	47.10 1.13 -25.66	44.71 0.70 -32.17	47.43 2.12 -12.21	76.61 1.66 -52.93	61.67 1.75 -38.56	119.52 2.38 -88.44	140.37 2.81 -104.97	111.03 2.84 -76.77	121.86 3.76 -77.70	114.77 3.69 -71.74	86.45 3.97 -41.82	49.28 4.31 0.00	48.39 3.85 -4.74	49.25 4.01 0.00	46.93 3.47 0.00	45.62 3.34 0.00	44.77 3.26 0.00	44.69 3.04 -6.27	44.70 3.05 -1.62	46.68 0.89 -33.96	51.02 0.03 -50.77
EAST_HAMPTON___DIESEL 23722	57.68 0.72 -40.49	47.78 0.77 -31.92	47.33 0.91 -29.21	47.33 1.08 -25.93	49.42 0.63 -36.95	45.87 1.85 -10.93	76.24 1.30 -52.92	60.95 1.04 -38.56	118.79 1.64 -88.44	139.87 2.31 -104.97	110.62 2.43 -76.77	121.29 3.19 -77.70	114.04 2.96 -71.74	116.87 3.15 -73.05	73.05 3.32 -24.76	54.61 2.91 -11.90	64.08 3.03 -15.81	139.16 2.58 -93.11	117.19 2.57 -72.34	134.86 2.37 -90.97	140.52 2.12 -103.02	111.79 2.15 -69.61	48.12 0.58 -35.72	51.00 0.01 -50.77
E_CANADA_CAP_HY 24051	78.67 0.13 -62.07	64.07 0.09 -48.88	62.05 0.07 -44.76	59.75 0.15 -39.29	61.03 0.08 -49.10	43.41 0.55 -9.76	99.72 -0.02 -77.72	79.62 -0.23 -58.49	29.71 0.00 -1.00	32.86 0.27 0.00	33.10 0.25 -1.42	40.67 0.28 0.00	39.63 0.29 0.00	40.62 -0.04 0.00	45.26 0.29 0.00	47.02 -0.03 -7.25	45.93 0.69 0.00	44.51 1.04 0.00	42.87 0.59 0.00	42.12 0.61 0.00	45.08 0.11 -9.59	43.15 0.64 -2.48	63.89 0.07 -51.99	78.04 0.00 -77.82
E_CANADA_MHWK_HY 24050	17.05 1.14 0.56	15.74 1.02 0.39	17.99 1.17 0.39	21.35 1.34 0.30	12.24 0.78 0.38	35.21 2.22 0.10	23.22 1.74 0.55	22.71 1.77 0.41	30.79 2.09 0.01	34.97 2.37 0.00	33.63 2.22 0.01	43.31 2.91 0.00	42.16 2.81 0.00	43.62 2.96 0.00	48.26 3.29 0.00	42.95 3.20 0.05	48.63 3.39 0.00	46.49 3.03 0.00	45.30 3.02 0.00	44.46 2.95 0.00	38.12 2.81 0.07	43.01 3.00 0.02	12.34 0.88 0.36	-0.44 0.03 0.69
E_FISHKILL___LBMP 23776	57.94 0.43 -41.05	47.79 0.38 -32.30	47.25 0.44 -29.60	46.74 0.48 -25.95	44.61 0.26 -32.51	42.29 0.63 -8.56	75.88 0.55 -53.30	60.84 0.65 -38.85	117.95 0.80 -88.44	138.47 0.90 -104.97	109.11 0.90 -76.78	119.31 1.21 -77.70	112.27 1.19 -71.74	83.86 1.38 -41.82	46.37 1.40 0.00	45.85 1.26 -4.79	46.44 1.20 0.00	44.48 1.01 0.00	43.40 1.12 0.00	42.63 1.11 0.00	42.79 1.08 -6.33	42.71 1.04 -1.64	46.48 0.33 -34.32	51.69 0.01 -51.46
FAR ROCKAWAY___4 23548	57.85 0.89 -40.49	47.79 0.77 -31.92	47.30 0.88 -29.21	47.24 1.00 -25.93	49.38 0.59 -36.95	45.79 1.77 -10.93	76.19 1.25 -52.92	61.08 1.17 -38.56	118.65 1.51 -88.44	139.34 1.77 -104.97	110.15 1.95 -76.77	120.55 2.45 -77.70	113.62 2.54 -71.74	116.49 2.78 -73.05	72.90 3.17 -24.76	54.65 2.95 -11.90	64.12 3.07 -15.81	139.25 2.67 -93.11	117.20 2.58 -72.34	134.95 2.47 -90.97	140.68 2.28 -103.02	111.97 2.33 -69.61	48.22 0.68 -35.72	51.00 0.01 -50.77
FIBERTEK___ENERGY 23856	19.61 -0.47 -3.61	17.53 -0.42 -2.85	19.33 -0.49 -2.60	22.00 -0.60 -2.29	14.34 -0.35 -2.86	32.61 -1.06 -0.57	25.86 -0.71 -4.54	24.12 -0.65 -3.42	27.96 -0.81 -0.06	31.62 -0.97 0.00	30.55 -0.96 -0.09	39.11 -1.29 0.00	38.06 -1.28 0.00	39.46 -1.21 0.00	43.60 -1.37 0.00	39.00 -1.25 -0.44	43.82 -1.42 0.00	42.13 -1.33 0.00	41.07 -1.21 0.00	40.34 -1.17 0.00	34.90 -1.05 -0.57	38.98 -1.20 -0.15	14.57 -0.34 -3.09	4.80 -0.01 -4.58
FITZPATRICK___ 23598	18.05 -0.65 -2.23	16.30 -0.58 -1.78	18.16 -0.67 -1.61	20.95 -0.79 -1.44	13.17 -0.46 -1.79	32.10 -1.34 -0.35	24.05 -0.84 -2.87	22.78 -0.73 -2.16	27.79 -0.95 -0.04	31.44 -1.16 0.00	30.37 -1.11 -0.05	38.91 -1.48 0.00	37.88 -1.46 0.00	39.21 -1.45 0.00	43.30 -1.67 0.00	38.58 -1.49 -0.27	43.48 -1.76 0.00	41.75 -1.72 0.00	40.68 -1.60 0.00	39.93 -1.58 0.00	34.39 -1.34 -0.35	38.56 -1.56 -0.09	13.30 -0.45 -1.92	3.01 -0.01 -2.80
FORT ORANGE___ 23900	66.81 1.35 -49.00	54.79 1.13 -38.56	53.83 1.28 -35.33	52.82 1.52 -30.99	51.53 0.89 -38.80	43.67 2.86 -7.72	85.25 1.67 -61.55	68.91 1.23 -46.32	31.07 1.57 -0.79	34.85 2.26 0.00	34.70 2.15 -1.13	43.40 3.00 0.00	42.36 3.02 0.00	43.46 2.80 0.00	48.40 3.43 0.00	48.65 3.13 -5.72	49.19 3.95 0.00	47.31 3.85 0.00	45.64 3.36 0.00	44.87 3.36 0.00	45.75 2.81 -7.56	45.37 3.38 -1.96	53.73 0.91 -40.99	61.68 0.03 -61.43
FORT_DRUM_COGEN 23780	17.71 -0.22 -1.47	15.96 -0.30 -1.17	17.97 -0.31 -1.06	20.95 -0.30 -0.94	12.85 -0.17 -1.17	33.31 -0.01 -0.23	23.64 -0.26 -1.88	22.14 -0.63 -1.41	28.01 -0.71 -0.02	32.17 -0.43 0.00	30.85 -0.61 -0.03	39.77 -0.63 0.00	38.87 -0.47 0.00	39.80 -0.86 0.00	44.52 -0.45 0.00	39.39 -0.59 -0.17	45.19 -0.05 0.00	43.57 0.11 0.00	41.92 -0.37 0.00	41.25 -0.26 0.00	35.03 -0.58 -0.23	39.77 -0.32 -0.06	12.87 -0.22 -1.26	2.07 0.00 -1.86
FRANKLIN_FALL_HYD 24054	16.38 -0.17 -0.09	15.02 -0.18 -0.10	17.10 -0.18 -0.07	20.21 -0.19 -0.09	11.82 -0.12 -0.10	32.93 -0.18 -0.01	21.90 -0.32 -0.19	21.00 -0.50 -0.15	28.05 -0.65 0.00	32.00 -0.60 0.00	30.94 -0.49 0.00	39.84 -0.55 0.00	38.82 -0.52 0.00	39.95 -0.71 0.00	44.33 -0.64 0.00	39.19 -0.63 -0.02	44.75 -0.49 0.00	43.16 -0.30 0.00	41.82 -0.46 0.00	41.09 -0.42 0.00	34.94 -0.47 -0.02	39.67 -0.37 -0.01	11.81 -0.15 -0.13	0.34 0.00 -0.12
FULTON COGEN___ 23766	19.02 -0.35 -2.90	17.06 -0.33 -2.29	18.94 -0.37 -2.09	21.72 -0.43 -1.84	13.89 -0.25 -2.30	32.90 -0.65 -0.46	25.25 -0.43 -3.66	23.69 -0.42 -2.76	28.24 -0.51 -0.05	32.02 -0.58 0.00	30.89 -0.60 -0.07	39.62 -0.78 0.00	38.58 -0.76 0.00	39.85 -0.81 0.00	44.11 -0.86 0.00	39.32 -0.82 -0.33	44.38 -0.86 0.00	42.63 -0.83 0.00	41.44 -0.85 0.00	40.68 -0.83 0.00	35.05 -0.79 -0.45	39.29 -0.86 -0.12	14.03 -0.26 -2.46	3.87 -0.01 -3.66
GARDENVILLE___LBMP 24039	20.39 -1.96 -5.88	18.12 -1.65 -4.66	19.60 -1.86 -4.25	21.87 -2.20 -3.76	15.24 -1.29 -4.70	29.97 -4.04 -0.92	27.04 -2.48 -7.49	25.05 -1.94 -5.64	26.27 -2.53 -0.10	29.16 -3.43 0.00	28.26 -3.30 -0.14	35.77 -4.63 0.00	34.52 -4.82 0.00	35.32 -5.34 0.00	38.61 -6.36 0.00	34.60 -5.90 -0.70	38.62 -6.62 0.00	37.67 -5.79 0.00	37.41 -4.87 0.00	36.65 -4.86 0.00	32.00 -4.33 -0.95	35.02 -5.26 -0.25	15.71 -1.28 -5.17	8.08 -0.04 -7.90

GENERAL___MILLS 23808	21.29 -1.03 -5.84	18.87 -0.87 -4.63	20.47 -0.97 -4.22	22.91 -1.13 -3.73	15.85 -0.65 -4.66	31.81 -2.20 -0.91	28.16 -1.28 -7.42	26.30 -0.63 -5.58	28.23 -0.57 -0.10	31.23 -1.36 0.00	30.35 -1.22 -0.14	38.39 -2.01 0.00	37.25 -2.09 0.00	38.90 -1.76 0.00	42.50 -2.47 0.00	38.13 -2.36 -0.69	42.13 -3.11 0.00	40.40 -3.06 0.00	39.88 -2.40 0.00	39.04 -2.48 0.00	34.15 -2.18 -0.96	37.52 -2.75 -0.25	16.33 -0.67 -5.18	8.11 -0.02 -7.91
GILBOA___1 23756	55.50 0.90 -38.13	45.84 0.75 -30.00	45.56 0.85 -27.50	45.43 1.02 -24.10	42.53 0.60 -30.09	40.89 1.87 -5.92	70.37 0.85 -47.49	57.49 0.39 -35.74	29.82 0.50 -0.61	33.53 0.94 0.00	33.10 0.80 -0.87	41.61 1.21 0.00	40.57 1.23 0.00	41.63 0.97 0.00	46.41 1.44 0.00	45.67 1.42 -4.45	47.30 2.06 0.00	45.55 2.08 0.00	43.94 1.65 0.00	43.18 1.67 0.00	42.56 1.30 -5.88	43.38 1.83 -1.52	44.16 0.46 -31.87	48.05 0.03 -47.81
GILBOA___2 23757	55.50 0.90 -38.13	45.84 0.75 -30.00	45.56 0.85 -27.50	45.43 1.02 -24.10	42.53 0.60 -30.09	40.89 1.87 -5.92	70.37 0.85 -47.49	57.49 0.39 -35.74	29.82 0.50 -0.61	33.53 0.94 0.00	33.10 0.80 -0.87	41.61 1.21 0.00	40.57 1.23 0.00	41.63 0.97 0.00	46.41 1.44 0.00	45.67 1.42 -4.45	47.30 2.06 0.00	45.55 2.08 0.00	43.94 1.65 0.00	43.18 1.67 0.00	42.56 1.30 -5.88	43.38 1.83 -1.52	44.16 0.46 -31.87	48.05 0.03 -47.81
GILBOA___3 23758	55.50 0.90 -38.13	45.84 0.75 -30.00	45.56 0.85 -27.50	45.43 1.02 -24.10	42.53 0.60 -30.09	40.89 1.87 -5.92	70.37 0.85 -47.49	57.49 0.39 -35.74	29.82 0.50 -0.61	33.53 0.94 0.00	33.10 0.80 -0.87	41.61 1.21 0.00	40.57 1.23 0.00	41.63 0.97 0.00	46.41 1.44 0.00	45.67 1.42 -4.45	47.30 2.06 0.00	45.55 2.08 0.00	43.94 1.65 0.00	43.18 1.67 0.00	42.56 1.30 -5.88	43.38 1.83 -1.52	44.16 0.46 -31.87	48.05 0.03 -47.81
GILBOA___4 23759	55.50 0.90 -38.13	45.84 0.75 -30.00	45.56 0.85 -27.50	45.43 1.02 -24.10	42.53 0.60 -30.09	40.89 1.87 -5.92	70.37 0.85 -47.49	57.70 0.39 -35.95	29.82 0.50 -0.62	33.53 0.94 0.00	33.10 0.80 -0.88	41.61 1.21 0.00	40.57 1.23 0.00	41.63 0.97 0.00	46.41 1.44 0.00	45.67 1.42 -4.45	47.30 2.06 0.00	45.55 2.08 0.00	43.94 1.65 0.00	43.18 1.67 0.00	42.56 1.30 -5.88	43.38 1.83 -1.52	44.16 0.46 -31.87	48.05 0.03 -47.81
GILBOA___ 23599	55.50 0.90 -38.13	45.84 0.75 -30.00	45.56 0.85 -27.50	45.43 1.02 -24.10	42.61 0.60 -30.18	40.98 1.87 -6.01	70.73 0.85 -47.85	57.76 0.39 -36.01	29.82 0.50 -0.62	33.53 0.94 0.00	33.10 0.80 -0.88	41.61 1.21 0.00	40.57 1.23 0.00	41.63 0.97 0.00	46.41 1.44 0.00	45.67 1.42 -4.45	47.30 2.06 0.00	45.55 2.08 0.00	43.94 1.65 0.00	43.18 1.67 0.00	42.56 1.30 -5.88	43.38 1.83 -1.52	44.16 0.46 -31.87	48.05 0.03 -47.81
GINNA___ 23603	20.09 -0.75 -4.37	17.82 -0.74 -3.46	19.51 -0.87 -3.16	22.15 -0.94 -2.78	14.80 -0.52 -3.48	32.53 -1.25 -0.68	26.48 -1.08 -5.53	24.35 -1.16 -4.16	27.39 -1.38 -0.07	31.17 -1.42 0.00	30.15 -1.37 -0.10	38.66 -1.73 0.00	37.68 -1.66 0.00	38.81 -1.85 0.00	43.17 -1.80 0.00	38.64 -1.68 -0.52	43.85 -1.39 0.00	42.34 -1.13 0.00	40.89 -1.39 0.00	40.11 -1.40 0.00	34.63 -1.44 -0.69	38.91 -1.29 -0.18	15.14 -0.44 -3.76	5.76 -0.01 -5.54
GLEN PARK___ 23778	18.01 -0.04 -1.59	16.25 -0.15 -1.30	18.24 -0.13 -1.15	21.28 -0.08 -1.06	13.11 -0.04 -1.31	33.71 0.37 -0.24	24.15 -0.01 -2.13	22.55 -0.41 -1.60	28.32 -0.41 -0.03	32.54 -0.06 0.00	31.20 -0.26 -0.04	40.21 -0.19 0.00	39.36 0.02 0.00	40.25 -0.41 0.00	45.03 0.06 0.00	39.86 -0.14 -0.20	45.74 0.50 0.00	44.09 0.62 0.00	42.40 0.11 0.00	41.73 0.22 0.00	35.45 -0.19 -0.27	40.22 0.12 -0.07	13.17 -0.09 -1.44	2.23 0.00 -2.01
GLENWOOD_IC_1_G5 23712	58.03 1.07 -40.49	47.94 0.92 -31.92	47.47 1.05 -29.21	47.45 1.21 -25.93	49.51 0.72 -36.95	46.17 2.15 -10.93	76.56 1.62 -52.92	61.57 1.66 -38.56	119.40 2.26 -88.44	140.24 2.68 -104.97	110.99 2.80 -76.77	121.67 3.58 -77.70	114.66 3.59 -71.74	117.58 3.87 -73.05	73.99 4.26 -24.76	55.52 3.82 -11.90	65.06 4.01 -15.81	140.11 3.53 -93.11	118.07 3.45 -72.34	135.85 3.37 -90.97	141.50 3.09 -103.02	112.80 3.16 -69.61	48.46 0.91 -35.72	51.01 0.03 -50.77
GLENWOOD_IC_2_G1 23688	58.03 1.07 -40.49	47.94 0.92 -31.92	47.47 1.05 -29.21	47.45 1.21 -25.93	49.51 0.72 -36.95	46.17 2.15 -10.93	76.56 1.62 -52.92	61.57 1.66 -38.56	119.40 2.26 -88.44	140.24 2.68 -104.97	110.99 2.80 -76.77	121.67 3.58 -77.70	114.66 3.59 -71.74	117.58 3.87 -73.05	73.99 4.26 -24.76	55.52 3.82 -11.90	65.06 4.01 -15.81	140.11 3.53 -93.11	118.07 3.45 -72.34	135.85 3.37 -90.97	141.50 3.09 -103.02	112.80 3.16 -69.61	48.46 0.91 -35.72	51.01 0.03 -50.77
GLENWOOD_IC_3_G1 23689	58.03 1.07 -40.49	47.94 0.92 -31.92	47.47 1.05 -29.21	47.45 1.21 -25.93	49.51 0.72 -36.95	46.17 2.15 -10.93	76.56 1.62 -52.92	61.57 1.66 -38.56	119.40 2.26 -88.44	140.24 2.68 -104.97	110.99 2.80 -76.77	121.67 3.58 -77.70	114.66 3.59 -71.74	117.58 3.87 -73.05	73.99 4.26 -24.76	55.52 3.82 -11.90	65.06 4.01 -15.81	140.11 3.53 -93.11	118.07 3.45 -72.34	135.85 3.37 -90.97	141.50 3.09 -103.02	112.80 3.16 -69.61	48.46 0.91 -35.72	51.01 0.03 -50.77
GLENWOOD___4 23550	58.03 1.07 -40.49	47.94 0.92 -31.92	47.47 1.05 -29.21	47.45 1.21 -25.93	49.51 0.72 -36.95	46.17 2.15 -10.93	76.56 1.62 -52.92	61.57 1.66 -38.56	119.40 2.26 -88.44	140.24 2.68 -104.97	110.99 2.80 -76.77	121.67 3.58 -77.70	114.66 3.59 -71.74	117.58 3.87 -73.05	73.99 4.26 -24.76	55.52 3.82 -11.90	65.06 4.01 -15.81	140.11 3.53 -93.11	118.07 3.45 -72.34	135.85 3.37 -90.97	141.50 3.09 -103.02	112.80 3.16 -69.61	48.46 0.91 -35.72	51.01 0.03 -50.77
GLENWOOD___5 23614	58.03 1.07 -40.49	47.94 0.92 -31.92	47.47 1.05 -29.21	47.45 1.21 -25.93	49.51 0.72 -36.95	46.17 2.15 -10.93	76.56 1.62 -52.92	61.57 1.66 -38.56	119.40 2.26 -88.44	140.24 2.68 -104.97	110.99 2.80 -76.77	121.67 3.58 -77.70	114.66 3.59 -71.74	117.58 3.87 -73.05	73.99 4.26 -24.76	55.52 3.82 -11.90	65.06 4.01 -15.81	140.11 3.53 -93.11	118.07 3.45 -72.34	135.85 3.37 -90.97	141.50 3.09 -103.02	112.80 3.16 -69.61	48.46 0.91 -35.72	51.01 0.03 -50.77
GOUDEY___7 23579	28.19 0.04 -11.68	24.50 0.15 -9.24	25.80 0.15 -8.43	27.83 0.07 -7.44	21.17 0.04 -9.30	35.05 0.13 -1.83	37.03 0.21 -14.79	32.85 0.37 -11.13	29.35 0.45 -0.19	33.15 0.56 0.00	32.21 0.51 -0.27	41.09 0.70 0.00	39.82 0.48 0.00	40.67 0.01 0.00	44.83 -0.14 0.00	40.95 -0.23 -1.38	44.49 -0.75 0.00	42.40 -1.06 0.00	41.32 -0.96 0.00	40.64 -0.87 0.00	36.53 -0.66 -1.81	39.60 -0.90 -0.47	21.46 -0.18 -9.81	14.84 0.02 -14.60
GOUDEY___8 23580	28.13 -0.02 -11.68	24.45 0.10 -9.24	25.73 0.08 -8.43	27.75 -0.01 -7.44	21.14 0.00 -9.30	34.94 0.02 -1.83	36.94 0.11 -14.79	32.76 0.27 -11.13	29.22 0.33 -0.19	33.01 0.41 0.00	32.07 0.38 -0.27	40.91 0.52 0.00	39.65 0.30 0.00	40.49 -0.17 0.00	44.63 -0.34 0.00	40.78 -0.39 -1.38	44.30 -0.94 0.00	42.23 -1.24 0.00	41.15 -1.13 0.00	40.47 -1.04 0.00	36.38 -0.81 -1.81	39.44 -1.06 -0.47	21.43 -0.21 -9.81	14.82 0.00 -14.60
GOWANUS_GT_1_GRP 23732	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77

GOWANUS_GT 2_GRP 23617	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT 3_GRP 23618	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT 4_GRP 23751	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT1_1 24077	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT1_2 24078	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT1_3 24079	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT1_4 24080	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT1_5 24084	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT1_6 24111	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT1_7 24112	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT1_8 24113	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT2_1 24114	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT2_2 24115	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT2_3 24116	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT2_4 24117	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT2_5 24118	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77

GOWANUS_GT2_6 24119	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT2_7 24120	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT2_8 24121	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT3_1 24122	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT3_2 24123	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT3_3 24124	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT3_4 24125	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT3_5 24126	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT3_6 24127	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT3_7 24128	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT3_8 24129	58.17 1.21 -40.49	48.06 1.04 -31.92	47.65 1.22 -29.21	47.34 1.37 -25.66	44.70 0.83 -32.03	47.72 2.51 -12.11	76.31 1.96 -52.32	61.48 2.02 -38.11	119.85 2.72 -88.43	140.70 3.13 -104.97	111.33 3.14 -76.76	122.21 4.11 -77.70	115.09 4.01 -71.74	86.79 4.31 -41.82	49.76 4.79 0.00	48.90 4.36 -4.74	49.88 4.64 0.00	47.52 4.05 0.00	46.18 3.89 0.00	45.33 3.82 0.00	45.18 3.54 -6.27	45.24 3.59 -1.62	46.84 1.05 -33.96	51.03 0.04 -50.77
GOWANUS_GT4_1 24130	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT4_2 24131	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT4_3 24132	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT4_4 24133	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT4_5 24134	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77

GOWANUS_GT4_6 24135	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT4_7 24136	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GOWANUS_GT4_8 24137	58.18 1.22 -40.49	48.08 1.05 -31.92	47.66 1.23 -29.21	47.35 1.38 -25.66	44.84 0.84 -32.17	47.85 2.54 -12.21	76.92 1.97 -52.93	61.95 2.04 -38.56	119.88 2.74 -88.44	140.73 3.16 -104.97	111.37 3.17 -76.77	122.25 4.15 -77.70	115.13 4.05 -71.74	86.83 4.35 -41.82	49.80 4.83 0.00	48.93 4.39 -4.74	49.92 4.68 0.00	47.56 4.09 0.00	46.21 3.93 0.00	45.36 3.85 0.00	45.21 3.56 -6.27	45.27 3.62 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
GRAHMSVILLE___HY 23607	58.97 0.76 -41.73	48.60 0.67 -32.83	48.04 0.73 -30.09	47.50 0.82 -26.37	45.31 0.47 -33.00	41.02 1.35 -6.58	75.43 1.14 -52.26	62.04 1.36 -39.33	31.29 1.91 -0.67	34.88 2.28 0.00	34.69 2.31 -0.96	43.44 3.05 0.00	42.33 2.99 0.00	43.92 3.26 0.00	48.41 3.44 0.00	47.70 3.04 -4.86	48.36 3.12 0.00	46.18 2.72 0.00	45.01 2.73 0.00	44.20 2.69 0.00	44.33 2.52 -6.43	44.16 2.47 -1.67	47.42 0.71 -34.88	52.57 0.03 -52.32
GREENIDGE___3 23582	22.61 -1.01 -7.16	19.97 -0.75 -5.62	21.43 -0.95 -5.16	23.59 -1.23 -4.51	16.85 -0.63 -5.65	32.29 -1.93 -1.13	29.57 -1.39 -8.94	27.12 -0.96 -6.72	27.84 -0.97 -0.12	31.22 -1.38 0.00	30.18 -1.41 -0.16	38.37 -2.03 0.00	37.14 -2.20 0.00	37.97 -2.70 0.00	41.73 -3.24 0.00	37.60 -3.04 -0.84	41.42 -3.82 0.00	39.68 -3.78 0.00	38.87 -3.41 0.00	38.14 -3.37 0.00	33.62 -2.86 -1.10	36.90 -3.41 -0.29	17.03 -0.77 -5.97	9.19 -0.02 -8.99
GREENIDGE___4 23583	22.58 -1.05 -7.16	19.95 -0.78 -5.62	21.40 -0.97 -5.16	23.53 -1.29 -4.51	16.82 -0.67 -5.65	32.26 -1.97 -1.13	29.54 -1.43 -8.94	27.07 -1.00 -6.72	27.76 -1.06 -0.12	31.15 -1.45 0.00	30.13 -1.46 -0.16	38.30 -2.09 0.00	37.09 -2.26 0.00	37.90 -2.76 0.00	41.66 -3.31 0.00	37.55 -3.09 -0.84	41.39 -3.85 0.00	39.66 -3.80 0.00	38.86 -3.43 0.00	38.12 -3.39 0.00	33.60 -2.89 -1.10	36.88 -3.43 -0.29	17.02 -0.78 -5.97	9.18 -0.02 -8.99
HARZA MOOSE___RIVER 24016	17.22 0.15 -0.60	15.63 0.09 -0.43	17.77 0.13 -0.43	20.82 0.18 -0.34	12.38 0.10 -0.43	33.71 0.52 -0.10	22.91 0.24 -0.64	21.89 0.05 -0.48	28.84 0.12 -0.01	32.92 0.33 0.00	31.66 0.22 -0.01	40.76 0.36 0.00	39.72 0.38 0.00	40.90 0.24 0.00	45.46 0.49 0.00	40.23 0.37 -0.06	45.93 0.69 0.00	44.19 0.72 0.00	42.76 0.48 0.00	42.03 0.52 0.00	35.75 0.29 -0.08	40.53 0.48 -0.02	12.34 0.09 -0.43	0.97 0.00 -0.75
HEMPSTEAD___ 23647	57.77 0.81 -40.49	47.73 0.71 -31.92	47.24 0.81 -29.21	47.16 0.92 -25.93	49.34 0.55 -36.95	45.64 1.62 -10.93	76.23 1.28 -52.92	61.27 1.36 -38.56	118.99 1.85 -88.44	139.75 2.18 -104.97	110.40 2.20 -76.77	121.02 2.93 -77.70	113.93 2.85 -71.74	116.78 3.07 -73.05	72.99 3.26 -24.76	54.62 2.92 -11.90	64.05 3.00 -15.81	139.15 2.58 -93.11	117.14 2.52 -72.34	134.93 2.45 -90.97	140.71 2.31 -103.02	111.92 2.28 -69.61	48.22 0.68 -35.72	51.01 0.02 -50.77
HICKLING___1 23621	25.64 -0.16 -9.33	22.36 -0.07 -7.33	23.83 -0.11 -6.73	26.00 -0.20 -5.89	19.10 -0.10 -7.37	34.24 -0.32 -1.47	33.70 0.00 -11.67	30.49 0.36 -8.78	29.40 0.55 -0.15	33.14 0.55 0.00	32.16 0.52 -0.21	41.03 0.63 0.00	39.75 0.41 0.00	40.70 0.04 0.00	44.75 -0.22 0.00	40.52 -0.37 -1.09	44.30 -0.94 0.00	42.29 -1.17 0.00	41.33 -0.96 0.00	40.62 -0.90 0.00	36.15 -0.66 -1.43	39.43 -0.97 -0.37	19.36 -0.20 -7.74	11.88 0.01 -11.65
HICKLING___2 23622	25.64 -0.16 -9.33	22.36 -0.07 -7.33	23.84 -0.11 -6.73	26.01 -0.19 -5.89	19.10 -0.10 -7.37	34.25 -0.32 -1.47	33.70 0.01 -11.67	30.49 0.36 -8.78	29.41 0.55 -0.15	33.15 0.56 0.00	32.17 0.53 -0.21	41.04 0.64 0.00	39.76 0.42 0.00	40.71 0.05 0.00	44.76 -0.21 0.00	40.52 -0.37 -1.09	44.31 -0.93 0.00	42.30 -1.16 0.00	41.34 -0.95 0.00	40.62 -0.89 0.00	36.15 -0.65 -1.43	39.44 -0.96 -0.37	19.36 -0.20 -7.74	11.88 0.01 -11.65
HIGH FALLS___HY 23754	59.58 0.67 -42.44	49.10 0.62 -33.38	48.53 0.71 -30.60	47.93 0.81 -26.81	45.88 0.48 -33.56	41.16 1.38 -6.69	76.28 1.07 -53.18	62.38 1.01 -40.02	30.51 1.13 -0.68	34.16 1.57 0.00	33.94 1.54 -0.97	42.41 2.01 0.00	41.32 1.98 0.00	42.75 2.09 0.00	47.12 2.15 0.00	46.70 1.96 -4.94	47.24 2.00 0.00	45.23 1.77 0.00	44.10 1.81 0.00	43.28 1.77 0.00	43.57 1.64 -6.54	43.36 1.64 -1.69	47.73 0.45 -35.46	53.43 0.01 -53.20
HILLBURN___GT 23639	56.61 0.51 -39.63	46.74 0.45 -31.19	46.29 0.50 -28.57	45.92 0.55 -25.06	43.43 0.33 -31.25	40.19 0.95 -6.15	72.10 0.83 -49.25	59.41 1.00 -37.06	30.69 1.36 -0.63	34.19 1.59 0.00	33.94 1.62 -0.90	42.54 2.15 0.00	41.46 2.12 0.00	42.99 2.32 0.00	47.36 2.39 0.00	46.54 2.11 -4.62	47.32 2.08 0.00	45.20 1.73 0.00	44.07 1.78 0.00	43.26 1.75 0.00	43.20 1.71 -6.11	43.22 1.61 -1.58	45.45 0.48 -33.14	49.91 0.02 -49.68
HOLTSVIL 1-5___GRP1 24031	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HOLTSVIL6-10___GRP2 24032	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HOLTSVILLE_IC_1 23690	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HOLTSVILLE_IC_10 23699	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77

HOLTSVILLE_IC_2 23691	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HOLTSVILLE_IC_3 23692	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HOLTSVILLE_IC_4 23693	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HOLTSVILLE_IC_5 23694	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HOLTSVILLE_IC_6 23695	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HOLTSVILLE_IC_7 23696	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HOLTSVILLE_IC_8 23697	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HOLTSVILLE_IC_9 23698	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.94 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
HQ_GEN_CEDARS 23644	16.20 -0.19 0.07	14.76 -0.26 0.08	16.87 -0.29 0.06	19.95 -0.29 0.07	11.60 -0.16 0.08	32.99 -0.10 0.01	19.87 -2.01 0.16	19.01 -2.23 0.12	25.90 -2.80 0.00	29.62 -2.97 0.00	28.52 -2.90 0.00	36.72 -3.67 0.00	35.74 -3.60 0.00	36.63 -4.03 0.00	40.79 -4.18 0.00	35.90 -3.89 0.01	41.38 -3.86 0.00	40.09 -3.37 0.00	38.65 -3.63 0.00	37.95 -3.57 0.00	32.02 -3.34 0.02	36.50 -3.52 0.00	10.59 -1.14 0.10	0.10 -0.03 0.09
HQ_GEN_CHAT DC 23651	15.45 -0.28 0.74	13.38 -0.25 1.47	16.87 -0.28 0.07	19.91 -0.31 0.09	11.55 -0.18 0.11	32.59 -0.50 0.01	21.41 -0.42 0.20	20.73 -0.48 0.15	28.11 -0.59 0.00	31.93 -0.66 0.00	30.84 -0.58 0.00	39.64 -0.75 0.00	38.61 -0.73 0.00	39.81 -0.85 0.00	44.07 -0.90 0.00	38.94 -0.85 0.02	44.38 -0.86 0.00	42.77 -0.69 0.00	41.56 -0.73 0.00	40.80 -0.71 0.00	34.69 -0.67 0.02	39.35 -0.68 0.01	11.49 -0.21 0.13	0.10 0.00 0.11
HUDAV+59+74_TH_GRP 23620	58.01 1.05 -40.49	47.91 0.89 -31.92	47.43 1.00 -29.21	47.10 1.12 -25.66	44.70 0.69 -32.17	47.41 2.10 -12.21	76.59 1.64 -52.93	61.63 1.71 -38.56	119.46 2.32 -88.44	140.29 2.73 -104.97	110.95 2.76 -76.77	121.75 3.65 -77.70	114.66 3.58 -71.74	86.33 3.85 -41.82	49.16 4.19 0.00	48.29 3.75 -4.74	49.16 3.92 0.00	46.87 3.40 0.00	45.57 3.29 0.00	44.72 3.21 0.00	44.65 3.00 -6.27	44.66 3.01 -1.62	46.67 0.88 -33.96	51.02 0.03 -50.77
HUDSON AVE_GT_3 23810	58.01 1.05 -40.49	47.91 0.89 -31.92	47.43 1.00 -29.21	47.10 1.12 -25.66	44.70 0.69 -32.17	47.41 2.10 -12.21	76.59 1.64 -52.93	61.63 1.71 -38.56	119.46 2.32 -88.44	140.29 2.73 -104.97	110.95 2.76 -76.77	121.75 3.65 -77.70	114.66 3.58 -71.74	86.33 3.85 -41.82	49.16 4.19 0.00	48.29 3.75 -4.74	49.16 3.92 0.00	46.87 3.40 0.00	45.57 3.29 0.00	44.72 3.21 0.00	44.65 3.00 -6.27	44.66 3.01 -1.62	46.67 0.88 -33.96	51.02 0.03 -50.77
HUDSON AVE_GT_4 23540	58.01 1.05 -40.49	47.91 0.89 -31.92	47.43 1.00 -29.21	47.10 1.12 -25.66	44.70 0.69 -32.17	47.41 2.10 -12.21	76.59 1.64 -52.93	61.63 1.71 -38.56	119.46 2.32 -88.44	140.29 2.73 -104.97	110.95 2.76 -76.77	121.75 3.65 -77.70	114.66 3.58 -71.74	86.33 3.85 -41.82	49.16 4.19 0.00	48.29 3.75 -4.74	49.16 3.92 0.00	46.87 3.40 0.00	45.57 3.29 0.00	44.72 3.21 0.00	44.65 3.00 -6.27	44.66 3.01 -1.62	46.67 0.88 -33.96	51.02 0.03 -50.77
HUDSON AVE_GT_5 23657	58.01 1.05 -40.49	47.91 0.89 -31.92	47.43 1.00 -29.21	47.10 1.12 -25.66	44.70 0.69 -32.17	47.41 2.10 -12.21	76.59 1.64 -52.93	61.63 1.71 -38.56	119.46 2.32 -88.44	140.29 2.73 -104.97	110.95 2.76 -76.77	121.75 3.65 -77.70	114.66 3.58 -71.74	86.33 3.85 -41.82	49.16 4.19 0.00	48.29 3.75 -4.74	49.16 3.92 0.00	46.87 3.40 0.00	45.57 3.29 0.00	44.72 3.21 0.00	44.65 3.00 -6.27	44.66 3.01 -1.62	46.67 0.88 -33.96	51.02 0.03 -50.77
HUDSON_AVE_10 24168	25.39 1.01 -7.92	22.18 0.85 -6.23	23.90 0.97 -5.71	26.40 1.08 -5.00	18.76 0.66 -6.26	36.34 2.00 -1.25	33.52 1.57 -9.92	30.48 1.66 -7.47	31.08 2.25 -0.13	35.25 2.65 0.00	34.29 2.69 -0.18	43.94 3.55 0.00	42.82 3.48 0.00	44.41 3.75 0.00	49.03 4.06 0.00	44.37 3.63 -0.93	49.04 3.80 0.00	46.76 3.29 0.00	45.45 3.16 0.00	44.59 3.08 0.00	39.44 2.87 -1.19	43.22 2.88 -0.31	19.13 0.85 -6.46	10.04 0.03 -9.78
HUNTLEY___63 23557	20.88 -1.27 -5.68	18.49 -1.06 -4.45	20.16 -1.15 -4.09	22.55 -1.33 -3.57	15.55 -0.76 -4.47	31.42 -2.58 -0.90	27.46 -1.62 -7.06	25.65 -1.02 -5.31	27.67 -1.12 -0.09	30.59 -2.00 0.00	29.72 -1.83 -0.13	37.59 -2.80 0.00	36.43 -2.91 0.00	38.00 -2.67 0.00	41.47 -3.50 0.00	37.19 -3.27 -0.66	41.25 -3.99 0.00	39.66 -3.81 0.00	39.21 -3.07 0.00	38.35 -3.16 0.00	33.45 -2.82 -0.90	36.79 -3.47 -0.23	15.86 -0.84 -4.87	7.46 -0.03 -7.27

HUNTLEY___64 23558	20.88 -1.27 -5.68	18.49 -1.06 -4.45	20.16 -1.15 -4.09	22.55 -1.33 -3.57	15.55 -0.76 -4.47	31.42 -2.58 -0.90	27.46 -1.62 -7.06	25.65 -1.02 -5.31	27.67 -1.12 -0.09	30.59 -2.00 0.00	29.72 -1.83 -0.13	37.59 -2.80 0.00	36.43 -2.91 0.00	38.00 -2.67 0.00	41.47 -3.50 0.00	37.19 -3.27 -0.66	41.25 -3.99 0.00	39.66 -3.81 0.00	39.21 -3.07 0.00	38.35 -3.16 0.00	33.45 -2.82 -0.90	36.79 -3.47 -0.23	15.86 -0.84 -4.87	7.46 -0.03 -7.27
HUNTLEY___65 23559	20.88 -1.27 -5.68	18.49 -1.06 -4.45	20.16 -1.15 -4.09	22.55 -1.33 -3.57	15.55 -0.76 -4.47	31.42 -2.58 -0.90	27.46 -1.62 -7.06	25.65 -1.02 -5.31	27.67 -1.12 -0.09	30.59 -2.00 0.00	29.72 -1.83 -0.13	37.59 -2.80 0.00	36.43 -2.91 0.00	38.00 -2.67 0.00	41.47 -3.50 0.00	37.19 -3.27 -0.66	41.25 -3.99 0.00	39.66 -3.81 0.00	39.21 -3.07 0.00	38.35 -3.16 0.00	33.45 -2.82 -0.90	36.79 -3.47 -0.23	15.86 -0.84 -4.87	7.46 -0.03 -7.27
HUNTLEY___66 23560	20.88 -1.27 -5.68	18.49 -1.06 -4.45	20.16 -1.15 -4.09	22.55 -1.33 -3.57	15.55 -0.76 -4.47	31.42 -2.58 -0.90	27.46 -1.62 -7.06	25.65 -1.02 -5.31	27.67 -1.12 -0.09	30.59 -2.00 0.00	29.72 -1.83 -0.13	37.59 -2.80 0.00	36.43 -2.91 0.00	38.00 -2.67 0.00	41.47 -3.50 0.00	37.19 -3.27 -0.66	41.25 -3.99 0.00	39.66 -3.81 0.00	39.21 -3.07 0.00	38.35 -3.16 0.00	33.45 -2.82 -0.90	36.79 -3.47 -0.23	15.86 -0.84 -4.87	7.46 -0.03 -7.27
HUNTLEY___67 23561	20.94 -1.25 -5.73	18.54 -1.06 -4.50	20.15 -1.20 -4.13	22.54 -1.38 -3.61	15.52 -0.80 -4.48	31.30 -2.70 -0.90	27.39 -1.63 -6.99	25.64 -0.97 -5.26	27.74 -1.06 -0.09	30.60 -1.99 0.00	29.72 -1.84 -0.13	37.53 -2.86 0.00	36.38 -2.96 0.00	37.98 -2.69 0.00	41.45 -3.51 0.00	37.19 -3.28 -0.67	41.20 -4.04 0.00	39.63 -3.83 0.00	39.21 -3.07 0.00	38.37 -3.15 0.00	33.47 -2.81 -0.91	36.77 -3.49 -0.23	15.89 -0.85 -4.91	7.50 -0.03 -7.31
HUNTLEY___68 23562	20.94 -1.25 -5.73	18.54 -1.06 -4.50	20.15 -1.20 -4.13	22.54 -1.38 -3.61	15.52 -0.80 -4.48	31.30 -2.70 -0.90	27.39 -1.63 -6.99	25.64 -0.97 -5.26	27.74 -1.06 -0.09	30.60 -2.00 0.00	29.72 -1.84 -0.13	37.53 -2.86 0.00	36.38 -2.96 0.00	37.97 -2.69 0.00	41.45 -3.52 0.00	37.19 -3.28 -0.67	41.20 -4.04 0.00	39.63 -3.83 0.00	39.21 -3.07 0.00	38.36 -3.15 0.00	33.47 -2.82 -0.91	36.77 -3.49 -0.23	15.89 -0.85 -4.91	7.50 -0.03 -7.31
INDECK___CORINTH 23802	68.42 1.33 -50.62	56.23 1.22 -39.90	55.21 1.48 -36.51	54.22 1.83 -32.08	53.07 1.08 -40.15	44.36 3.30 -7.96	87.53 1.73 -63.77	70.42 1.07 -47.99	30.81 1.28 -0.82	34.06 1.47 0.00	33.68 1.09 -1.17	41.92 1.52 0.00	40.37 1.03 0.00	41.30 0.64 0.00	46.21 1.24 0.00	47.56 1.83 -5.92	48.12 2.88 0.00	46.45 2.99 0.00	44.81 2.52 0.00	43.88 2.37 0.00	45.04 1.82 -7.84	44.82 2.76 -2.03	55.15 0.86 -42.47	63.72 0.03 -63.47
INDECK___ILION 23567	16.43 0.52 0.56	15.17 0.46 0.39	17.35 0.53 0.39	20.62 0.61 0.30	11.81 0.36 0.38	34.03 1.03 0.10	22.26 0.78 0.55	21.72 0.78 0.41	29.63 0.93 0.01	33.66 1.06 0.00	32.40 0.99 0.01	41.70 1.30 0.00	40.60 1.26 0.00	41.98 1.31 0.00	46.44 1.47 0.00	41.17 1.42 0.05	46.77 1.53 0.00	44.84 1.37 0.00	43.64 1.35 0.00	42.84 1.33 0.00	36.55 1.24 0.07	41.35 1.34 0.02	11.85 0.39 0.36	-0.46 0.01 0.69
INDECK___OLEAN 23982	22.54 -0.27 -6.35	19.90 -0.16 -4.95	21.64 -0.14 -4.57	24.02 -0.26 -3.96	16.68 -0.13 -4.97	33.65 -0.46 -1.01	29.90 0.05 -7.83	27.86 0.62 -5.89	29.84 1.03 -0.10	33.55 0.96 0.00	32.58 1.02 -0.14	41.49 1.09 0.00	40.49 1.14 0.00	42.34 1.67 0.00	46.45 1.48 0.00	41.59 1.06 -0.73	46.06 0.82 0.00	44.33 0.87 0.00	43.46 1.18 0.00	42.58 1.07 0.00	37.44 1.07 -0.99	41.24 0.95 -0.26	17.45 0.25 -5.37	8.29 -0.01 -8.08
INDECK___OSWEGO 23783	18.91 -0.40 -2.84	16.95 -0.38 -2.22	18.84 -0.42 -2.05	21.61 -0.48 -1.78	13.79 -0.28 -2.23	32.79 -0.76 -0.45	25.04 -0.51 -3.53	23.51 -0.50 -2.66	28.13 -0.62 -0.05	31.90 -0.69 0.00	30.78 -0.70 -0.06	39.47 -0.93 0.00	38.45 -0.90 0.00	39.73 -0.93 0.00	43.98 -0.99 0.00	39.19 -0.93 -0.32	44.25 -0.99 0.00	42.53 -0.94 0.00	41.33 -0.96 0.00	40.58 -0.93 0.00	34.95 -0.87 -0.44	39.20 -0.95 -0.11	13.90 -0.29 -2.37	3.79 0.00 -3.58
INDECK___YERKES 23781	20.87 -1.29 -5.68	18.48 -1.07 -4.45	20.15 -1.16 -4.09	22.54 -1.34 -3.57	15.54 -0.77 -4.47	31.39 -2.61 -0.90	27.44 -1.64 -7.06	25.63 -1.04 -5.31	27.65 -1.15 -0.09	30.55 -2.04 0.00	29.69 -1.87 -0.13	37.54 -2.85 0.00	36.38 -2.96 0.00	37.94 -2.72 0.00	41.41 -3.56 0.00	37.15 -3.32 -0.66	41.19 -4.05 0.00	39.60 -3.86 0.00	39.16 -3.12 0.00	38.31 -3.21 0.00	33.41 -2.87 -0.90	36.74 -3.52 -0.23	15.84 -0.85 -4.87	7.47 -0.02 -7.27
INDIAN POINT_GT_1 24139	57.53 0.72 -40.34	47.47 0.63 -31.74	47.01 0.71 -29.09	46.59 0.78 -25.50	44.26 0.48 -31.94	42.99 1.45 -8.45	75.55 1.17 -52.36	60.76 1.28 -38.14	118.86 1.72 -88.43	139.60 2.03 -104.97	110.25 2.06 -76.76	120.84 2.74 -77.70	113.77 2.69 -71.74	85.37 2.89 -41.82	48.02 3.05 0.00	47.24 2.73 -4.70	48.02 2.78 0.00	45.85 2.38 0.00	44.64 2.36 0.00	43.82 2.31 0.00	43.80 2.20 -6.22	43.79 2.15 -1.61	46.19 0.63 -33.73	50.81 0.03 -50.57
INDIAN POINT_GT_2 23659	57.53 0.72 -40.34	47.47 0.63 -31.74	47.01 0.71 -29.09	46.59 0.78 -25.50	44.26 0.48 -31.94	42.99 1.45 -8.45	75.55 1.17 -52.36	60.76 1.28 -38.14	118.86 1.72 -88.43	139.60 2.03 -104.97	110.25 2.06 -76.76	120.84 2.74 -77.70	113.77 2.69 -71.74	85.37 2.89 -41.82	48.02 3.05 0.00	47.24 2.73 -4.70	48.02 2.78 0.00	45.85 2.38 0.00	44.64 2.36 0.00	43.82 2.31 0.00	43.80 2.20 -6.22	43.79 2.15 -1.61	46.19 0.63 -33.73	50.81 0.03 -50.57
INDIAN POINT_GT_3 24019	57.53 0.72 -40.34	47.47 0.63 -31.74	47.01 0.71 -29.09	46.59 0.78 -25.50	44.15 0.48 -31.83	42.90 1.45 -8.35	75.09 1.17 -51.90	60.42 1.28 -37.79	118.85 1.72 -88.42	139.60 2.03 -104.97	110.24 2.06 -76.75	120.84 2.74 -77.70	113.77 2.69 -71.74	85.37 2.89 -41.82	48.02 3.05 0.00	47.24 2.73 -4.70	48.02 2.78 0.00	45.85 2.38 0.00	44.64 2.36 0.00	43.82 2.31 0.00	43.80 2.20 -6.22	43.79 2.15 -1.61	46.19 0.63 -33.73	50.81 0.03 -50.57
INDIAN POINT___2 23530	56.89 0.60 -39.82	47.03 0.52 -31.41	46.53 0.58 -28.73	46.20 0.63 -25.26	43.74 0.40 -31.49	42.66 1.24 -8.33	74.47 1.03 -51.42	59.92 1.14 -37.43	118.66 1.54 -88.42	139.40 1.83 -104.97	110.04 1.87 -76.74	120.59 2.49 -77.70	113.53 2.45 -71.74	85.10 2.62 -41.82	47.72 2.75 0.00	46.92 2.46 -4.66	47.71 2.47 0.00	45.55 2.08 0.00	44.36 2.07 0.00	43.54 2.03 0.00	43.51 1.96 -6.17	43.50 1.88 -1.60	45.82 0.55 -33.44	50.18 0.02 -49.93
INDIAN POINT___3 23531	57.48 0.74 -40.27	47.42 0.65 -31.67	46.99 0.73 -29.04	46.56 0.81 -25.44	44.09 0.50 -31.75	42.94 1.50 -8.34	74.96 1.19 -51.74	60.32 1.30 -37.67	118.87 1.74 -88.42	139.62 2.06 -104.97	110.26 2.09 -76.75	120.86 2.77 -77.70	113.80 2.72 -71.74	85.39 2.91 -41.82	48.04 3.07 0.00	47.24 2.75 -4.69	48.04 2.80 0.00	45.87 2.41 0.00	44.68 2.39 0.00	43.86 2.34 0.00	43.81 2.22 -6.21	43.81 2.18 -1.61	46.11 0.64 -33.64	50.73 0.03 -50.49
INDIAN PT_GT_GRP 23687	57.53 0.72 -40.34	47.47 0.63 -31.74	47.01 0.71 -29.09	46.59 0.78 -25.50	44.26 0.48 -31.94	42.99 1.45 -8.45	75.55 1.17 -52.36	60.76 1.28 -38.14	118.86 1.72 -88.43	139.60 2.03 -104.97	110.25 2.06 -76.76	120.84 2.74 -77.70	113.77 2.69 -71.74	85.37 2.89 -41.82	48.02 3.05 0.00	47.24 2.73 -4.70	48.02 2.78 0.00	45.85 2.38 0.00	44.64 2.36 0.00	43.82 2.31 0.00	43.80 2.20 -6.22	43.79 2.15 -1.61	46.19 0.63 -33.73	50.81 0.03 -50.57

CORINTH___1 23988	68.42 1.33 -50.62	56.23 1.22 -39.90	55.21 1.48 -36.51	54.22 1.83 -32.08	53.07 1.08 -40.15	44.36 3.30 -7.96	87.53 1.73 -63.77	70.42 1.07 -47.99	30.81 1.28 -0.82	34.06 1.47 0.00	33.68 1.09 -1.17	41.92 1.52 0.00	40.37 1.03 0.00	41.30 0.64 0.00	46.21 1.24 0.00	47.56 1.83 -5.92	48.12 2.88 0.00	46.45 2.99 0.00	44.81 2.52 0.00	43.88 2.37 0.00	45.04 1.82 -7.84	44.82 2.76 -2.03	55.15 0.86 -42.47	63.72 0.03 -63.47
IP CORINTH___2 23637	68.42 1.33 -50.62	56.23 1.22 -39.90	55.21 1.48 -36.51	54.22 1.83 -32.08	53.07 1.08 -40.15	44.36 3.30 -7.96	87.53 1.73 -63.77	70.42 1.07 -47.99	30.81 1.28 -0.82	34.06 1.47 0.00	33.68 1.09 -1.17	41.92 1.52 0.00	40.37 1.03 0.00	41.30 0.64 0.00	46.21 1.24 0.00	47.56 1.83 -5.92	48.12 2.88 0.00	46.45 2.99 0.00	44.81 2.52 0.00	43.88 2.37 0.00	45.04 1.82 -7.84	44.82 2.76 -2.03	55.15 0.86 -42.47	63.72 0.03 -63.47
IP___TICONDEROGA 23804	68.26 2.66 -49.13	56.30 2.48 -38.71	55.62 2.96 -35.44	54.98 3.55 -31.12	52.83 2.04 -38.96	46.60 5.77 -7.73	87.09 3.20 -61.86	70.03 2.12 -46.56	31.66 2.16 -0.80	35.16 2.57 0.00	34.41 1.86 -1.13	43.09 2.69 0.00	41.88 2.54 0.00	42.88 2.22 0.00	47.78 2.81 0.00	48.43 2.88 -5.75	49.08 3.84 0.00	47.48 4.01 0.00	45.85 3.57 0.00	45.01 3.50 0.00	45.66 2.68 -7.60	45.84 3.84 -1.97	54.23 1.21 -41.19	61.83 0.00 -61.61
JARVIS____ 23743	16.03 0.13 0.56	14.83 0.12 0.39	16.96 0.13 0.39	20.17 0.15 0.30	11.54 0.08 0.38	33.22 0.23 0.10	21.66 0.18 0.55	21.12 0.18 0.41	28.91 0.22 0.01	32.83 0.24 0.00	31.64 0.23 0.01	40.69 0.29 0.00	39.63 0.28 0.00	40.97 0.31 0.00	45.31 0.34 0.00	40.07 0.32 0.05	45.58 0.34 0.00	43.76 0.30 0.00	42.58 0.30 0.00	41.80 0.29 0.00	35.59 0.27 0.07	40.30 0.29 0.02	11.55 0.09 0.36	-0.47 0.00 0.69
JENNISON___1 23625	30.28 0.96 -12.85	26.07 0.89 -10.08	27.46 0.98 -9.26	29.50 1.11 -8.08	22.63 0.66 -10.13	37.05 1.92 -2.03	39.46 1.42 -16.01	34.95 1.55 -12.05	31.02 2.11 -0.21	35.04 2.45 0.00	34.10 2.38 -0.29	43.48 3.09 0.00	42.18 2.84 0.00	43.32 2.66 0.00	47.75 2.78 0.00	43.68 2.38 -1.49	47.54 2.30 0.00	45.29 1.83 0.00	44.04 1.76 0.00	43.24 1.73 0.00	38.91 1.56 -1.96	42.27 1.73 -0.51	23.02 0.54 -10.65	16.32 0.02 -16.09
JENNISON___2 23626	30.28 0.96 -12.85	26.07 0.89 -10.08	27.46 0.98 -9.26	29.50 1.11 -8.08	22.63 0.66 -10.13	37.04 1.92 -2.03	39.45 1.42 -16.01	34.93 1.53 -12.05	31.00 2.09 -0.21	35.02 2.42 0.00	34.08 2.36 -0.29	43.45 3.06 0.00	42.15 2.80 0.00	43.28 2.62 0.00	47.72 2.75 0.00	43.65 2.36 -1.49	47.50 2.26 0.00	45.25 1.79 0.00	44.00 1.72 0.00	43.21 1.69 0.00	38.87 1.53 -1.96	42.23 1.69 -0.51	23.01 0.53 -10.65	16.32 0.02 -16.09
KENSICO____ 23655	57.79 0.85 -40.47	47.73 0.74 -31.89	47.23 0.83 -29.19	46.88 0.94 -25.64	44.55 0.57 -32.15	43.33 1.69 -8.54	76.26 1.34 -52.89	61.32 1.43 -38.54	119.07 1.93 -88.44	139.85 2.28 -104.97	110.51 2.31 -76.77	121.16 3.07 -77.70	114.09 3.01 -71.74	85.71 3.23 -41.82	48.43 3.46 0.00	47.63 3.09 -4.73	48.43 3.19 0.00	46.23 2.76 0.00	45.00 2.71 0.00	44.16 2.65 0.00	44.13 2.50 -6.26	44.13 2.48 -1.62	46.48 0.73 -33.93	50.99 0.03 -50.74
KIAC_JFK_AIRPORT 23541	58.01 1.05 -40.49	47.90 0.88 -31.92	47.43 1.00 -29.21	47.08 1.11 -25.66	44.69 0.68 -32.17	47.31 2.00 -12.21	76.52 1.57 -52.93	61.56 1.64 -38.56	119.35 2.21 -88.44	140.18 2.62 -104.97	110.86 2.66 -76.77	121.59 3.49 -77.70	114.51 3.43 -71.74	86.19 3.71 -41.82	48.96 3.99 0.00	48.08 3.54 -4.74	48.96 3.72 0.00	46.69 3.22 0.00	45.33 3.05 0.00	44.47 2.96 0.00	44.38 2.74 -6.27	44.41 2.76 -1.62	46.65 0.86 -33.96	51.02 0.03 -50.77
KINTIGH____ 23543	19.62 -1.81 -4.96	17.45 -1.52 -3.88	19.05 -1.73 -3.57	21.38 -2.03 -3.11	14.54 -1.19 -3.89	30.12 -3.76 -0.79	25.87 -2.30 -6.14	24.19 -1.78 -4.62	26.47 -2.31 -0.08	29.41 -3.18 0.00	28.48 -3.06 -0.11	36.08 -4.32 0.00	34.83 -4.51 0.00	35.64 -5.02 0.00	38.98 -5.99 0.00	34.81 -5.56 -0.57	38.99 -6.25 0.00	37.99 -5.48 0.00	37.70 -4.58 0.00	36.94 -4.57 0.00	32.07 -4.09 -0.77	35.27 -4.95 -0.20	14.81 -1.21 -4.19	6.47 -0.04 -6.30
LEDERLE____ 23769	56.79 0.68 -39.65	46.91 0.59 -31.21	46.46 0.65 -28.59	46.12 0.73 -25.08	43.43 0.43 -31.17	40.46 1.23 -6.13	71.89 1.04 -48.83	59.35 1.25 -36.75	31.08 1.74 -0.63	34.67 2.08 0.00	34.42 2.10 -0.89	43.18 2.78 0.00	42.08 2.74 0.00	43.65 2.99 0.00	48.11 3.14 0.00	47.20 2.77 -4.63	48.05 2.81 0.00	45.89 2.43 0.00	44.73 2.45 0.00	43.93 2.41 0.00	43.78 2.28 -6.12	43.83 2.22 -1.58	45.64 0.64 -33.17	49.94 0.02 -49.70
LINDEN COGEN____ 23786	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.68 -32.17	47.35 2.05 -12.21	76.56 1.60 -52.93	61.58 1.67 -38.56	119.39 2.25 -88.44	140.20 2.63 -104.97	110.86 2.66 -76.77	121.62 3.52 -77.70	114.53 3.46 -71.74	86.20 3.72 -41.82	49.02 4.05 0.00	48.19 3.65 -4.74	49.05 3.81 0.00	46.76 3.30 0.00	45.47 3.18 0.00	44.62 3.11 0.00	44.57 2.92 -6.27	44.58 2.93 -1.62	46.64 0.85 -33.96	51.02 0.03 -50.77
LIPA_MISC_IPP 23656	57.68 0.72 -40.49	47.78 0.77 -31.92	47.33 0.91 -29.21	47.33 1.08 -25.93	49.42 0.63 -36.95	45.87 1.85 -10.93	76.24 1.30 -52.92	60.95 1.04 -38.56	118.79 1.64 -88.44	139.87 2.31 -104.97	110.62 2.43 -76.77	121.29 3.19 -77.70	114.04 2.96 -71.74	116.87 3.15 -73.05	73.05 3.32 -24.76	54.61 2.91 -11.90	64.08 3.03 -15.81	139.16 2.58 -93.11	117.19 2.57 -72.34	134.86 2.37 -90.97	140.52 2.12 -103.02	111.79 2.15 -69.61	48.12 0.58 -35.72	51.00 0.01 -50.77
LITTLE FALLS___HYD 24013	17.05 1.14 0.56	15.74 1.02 0.39	17.99 1.17 0.39	21.35 1.34 0.30	12.24 0.78 0.38	35.21 2.22 0.10	23.22 1.74 0.55	22.71 1.77 0.41	30.79 2.09 0.01	34.97 2.37 0.00	33.63 2.22 0.01	43.31 2.91 0.00	42.16 2.81 0.00	43.62 2.96 0.00	48.26 3.29 0.00	42.95 3.20 0.05	48.63 3.39 0.00	46.49 3.03 0.00	45.30 3.02 0.00	44.46 2.95 0.00	38.12 2.81 0.07	43.01 3.00 0.02	12.34 0.88 0.36	-0.44 0.03 0.69
LONG_LAKE_PHOENIX 24014	19.03 -0.34 -2.90	17.07 -0.32 -2.28	18.95 -0.36 -2.09	21.73 -0.42 -1.84	13.90 -0.24 -2.30	32.93 -0.62 -0.46	25.26 -0.42 -3.65	23.69 -0.41 -2.75	28.25 -0.50 -0.05	32.04 -0.55 0.00	30.91 -0.58 -0.07	39.64 -0.75 0.00	38.60 -0.74 0.00	39.88 -0.78 0.00	44.14 -0.83 0.00	39.34 -0.79 -0.33	44.41 -0.83 0.00	42.66 -0.80 0.00	41.47 -0.82 0.00	40.71 -0.80 0.00	35.07 -0.76 -0.45	39.32 -0.83 -0.12	14.03 -0.25 -2.46	3.87 0.00 -3.65
LOVETT___3 23632	56.81 0.67 -39.67	46.92 0.59 -31.24	46.47 0.65 -28.61	46.14 0.72 -25.10	43.43 0.41 -31.18	40.40 1.18 -6.13	71.84 0.99 -48.81	59.27 1.18 -36.74	30.98 1.65 -0.63	34.57 1.98 0.00	34.31 2.00 -0.89	43.05 2.65 0.00	41.94 2.60 0.00	43.53 2.87 0.00	47.99 3.02 0.00	47.11 2.68 -4.63	47.95 2.71 0.00	45.79 2.33 0.00	44.64 2.35 0.00	43.83 2.32 0.00	43.70 2.19 -6.13	43.72 2.11 -1.59	45.66 0.62 -33.21	49.97 0.02 -49.73
LOVETT___4 23642	56.80 0.66 -39.67	46.92 0.58 -31.24	46.47 0.64 -28.61	46.13 0.71 -25.10	43.55 0.41 -31.31	40.48 1.16 -6.23	72.37 0.98 -49.36	59.66 1.17 -37.14	30.97 1.63 -0.64	34.54 1.95 0.00	34.30 1.97 -0.90	43.02 2.62 0.00	41.91 2.57 0.00	43.49 2.83 0.00	47.96 2.99 0.00	47.08 2.64 -4.63	47.91 2.67 0.00	45.76 2.30 0.00	44.61 2.32 0.00	43.80 2.28 0.00	43.67 2.16 -6.13	43.69 2.08 -1.59	45.65 0.61 -33.21	49.98 0.02 -49.74

LOVETT___5 23593	56.81 0.67 -39.67	46.93 0.59 -31.24	46.48 0.65 -28.61	46.14 0.72 -25.10	43.56 0.41 -31.31	40.50 1.18 -6.23	72.38 1.00 -49.36	59.68 1.18 -37.14	30.99 1.65 -0.64	34.57 1.98 0.00	34.33 2.00 -0.90	43.05 2.65 0.00	41.95 2.61 0.00	43.53 2.87 0.00	48.00 3.03 0.00	47.11 2.68 -4.63	47.95 2.71 0.00	45.80 2.33 0.00	44.64 2.36 0.00	43.84 2.32 0.00	43.70 2.19 -6.13	43.73 2.11 -1.59	45.66 0.62 -33.21	49.98 0.02 -49.74
LOWER RAQUET___HYD 24057	16.00 -0.55 -0.09	14.65 -0.54 -0.10	16.69 -0.59 -0.07	19.74 -0.65 -0.09	11.55 -0.39 -0.10	32.27 -0.84 -0.01	21.31 -0.91 -0.19	20.35 -1.14 -0.15	27.34 -1.37 0.00	31.26 -1.34 0.00	30.15 -1.27 0.00	38.85 -1.54 0.00	37.85 -1.50 0.00	38.80 -1.86 0.00	43.18 -1.79 0.00	38.11 -1.71 -0.02	43.70 -1.54 0.00	42.22 -1.25 0.00	40.79 -1.50 0.00	40.09 -1.42 0.00	33.97 -1.43 -0.02	38.65 -1.38 -0.01	11.49 -0.47 -0.13	0.33 -0.01 -0.12
LOWER___HUDSON 24059	67.67 1.35 -49.85	55.57 1.20 -39.27	54.57 1.40 -35.95	53.56 1.68 -31.57	52.33 0.97 -39.52	43.91 2.97 -7.85	86.44 1.67 -62.75	69.65 1.07 -47.22	30.69 1.18 -0.81	34.20 1.60 0.00	33.95 1.37 -1.15	42.35 1.95 0.00	41.31 1.97 0.00	42.33 1.67 0.00	47.37 2.40 0.00	48.01 2.37 -5.83	48.42 3.18 0.00	46.65 3.18 0.00	44.98 2.70 0.00	44.16 2.65 0.00	45.19 2.10 -7.71	44.84 2.82 -2.00	54.40 0.78 -41.79	62.73 0.01 -62.50
MEDINA___POWER 24015	22.14 -0.27 -5.94	19.69 -0.16 -4.74	21.37 -0.14 -4.30	23.88 -0.26 -3.83	16.48 -0.13 -4.77	33.56 -0.46 -0.92	29.70 0.05 -7.63	27.71 0.62 -5.74	29.84 1.03 -0.10	33.55 0.96 0.00	32.58 1.02 -0.14	41.49 1.09 0.00	40.49 1.14 0.00	42.34 1.67 0.00	46.45 1.48 0.00	41.57 1.06 -0.71	46.06 0.82 0.00	44.33 0.87 0.00	43.46 1.18 0.00	42.58 1.07 0.00	37.43 1.07 -0.97	41.23 0.95 -0.25	17.36 0.25 -5.28	8.21 -0.01 -8.00
MILLIKEN___1 23584	22.80 -0.04 -6.37	19.98 -0.10 -4.98	21.61 -0.19 -4.59	24.06 -0.24 -3.99	16.68 -0.11 -4.95	33.85 -0.17 -0.92	29.79 0.09 -7.67	27.56 0.44 -5.77	29.66 0.86 -0.10	33.53 0.94 0.00	32.64 1.07 -0.14	41.67 1.27 0.00	40.89 1.54 0.00	43.40 2.74 0.00	47.83 2.86 0.00	43.09 2.55 -0.74	48.00 2.76 0.00	45.89 2.42 0.00	44.50 2.22 0.00	43.56 2.05 0.00	38.29 1.94 -0.97	42.45 2.17 -0.25	17.51 0.40 -5.28	8.20 -0.02 -8.00
MILLIKEN___2 23585	22.70 -0.14 -6.37	19.89 -0.19 -4.98	21.50 -0.31 -4.59	23.93 -0.37 -3.99	16.65 -0.18 -5.00	33.73 -0.38 -1.01	29.86 -0.05 -7.89	27.58 0.29 -5.93	29.47 0.67 -0.10	33.32 0.72 0.00	32.44 0.87 -0.15	41.40 1.01 0.00	40.63 1.29 0.00	43.14 2.48 0.00	47.54 2.57 0.00	42.83 2.29 -0.74	47.71 2.47 0.00	45.61 2.14 0.00	44.22 1.94 0.00	43.29 1.78 0.00	38.06 1.71 -0.97	42.19 1.91 -0.25	17.43 0.33 -5.28	8.19 -0.03 -8.00
MILLIKEN___DIESEL 23629	22.70 -0.14 -6.37	19.89 -0.19 -4.98	21.50 -0.31 -4.59	23.93 -0.37 -3.99	16.65 -0.18 -5.00	33.73 -0.38 -1.01	29.86 -0.05 -7.89	27.58 0.29 -5.93	29.47 0.67 -0.10	33.32 0.72 0.00	32.44 0.87 -0.15	41.40 1.01 0.00	40.63 1.29 0.00	43.14 2.48 0.00	47.54 2.57 0.00	42.83 2.29 -0.74	47.71 2.47 0.00	45.61 2.14 0.00	44.22 1.94 0.00	43.29 1.78 0.00	38.06 1.71 -0.97	42.19 1.91 -0.25	17.43 0.33 -5.28	8.19 -0.03 -8.00
MONGAUP___HYD 23641	56.54 0.45 -39.62	46.69 0.40 -31.18	46.23 0.44 -28.57	45.85 0.49 -25.05	43.33 0.30 -31.19	40.13 0.90 -6.13	71.76 0.77 -48.97	59.10 0.90 -36.85	30.52 1.18 -0.63	33.97 1.38 0.00	33.72 1.40 -0.90	42.26 1.86 0.00	41.17 1.83 0.00	42.65 1.99 0.00	46.98 2.01 0.00	46.21 1.79 -4.62	46.97 1.73 0.00	44.88 1.42 0.00	43.76 1.47 0.00	42.96 1.45 0.00	42.92 1.43 -6.11	42.94 1.32 -1.58	45.36 0.40 -33.14	49.90 0.01 -49.67
MONTAUK___DIESEL 23721	57.68 0.72 -40.49	47.78 0.77 -31.92	47.33 0.91 -29.21	47.33 1.08 -25.93	49.42 0.63 -36.95	45.87 1.85 -10.93	76.24 1.30 -52.92	60.95 1.04 -38.56	118.79 1.64 -88.44	139.87 2.31 -104.97	110.62 2.43 -76.77	121.29 3.19 -77.70	114.04 2.96 -71.74	116.87 3.15 -73.05	73.05 3.32 -24.76	54.61 2.91 -11.90	64.08 3.03 -15.81	139.16 2.58 -93.11	117.19 2.57 -72.34	134.86 2.37 -90.97	140.52 2.12 -103.02	111.79 2.15 -69.61	48.12 0.58 -35.72	51.00 0.01 -50.77
N SALMON___HYD 24042	16.32 -0.24 -0.09	14.93 -0.27 -0.10	17.00 -0.29 -0.07	20.09 -0.30 -0.09	11.77 -0.17 -0.10	32.78 -0.33 -0.01	21.90 -0.32 -0.19	21.07 -0.43 -0.15	28.22 -0.49 0.00	32.17 -0.43 0.00	30.93 -0.50 0.00	39.78 -0.61 0.00	38.84 -0.50 0.00	40.03 -0.64 0.00	44.46 -0.51 0.00	39.26 -0.56 -0.02	44.87 -0.37 0.00	43.17 -0.30 0.00	41.76 -0.52 0.00	41.01 -0.50 0.00	34.81 -0.60 -0.02	39.50 -0.54 -0.01	11.75 -0.21 -0.13	0.33 0.00 -0.12
N.E._GEN_SANDY PD 24062	38.00 0.68 -20.85	35.21 0.59 -19.52	51.25 0.69 -33.34	50.58 0.82 -29.44	49.18 0.47 -36.87	41.88 1.44 -7.34	81.34 0.78 -58.53	65.86 0.45 -44.05	29.90 0.45 -0.75	33.29 0.70 0.00	33.07 0.57 -1.07	41.28 0.88 0.00	40.24 0.90 0.00	41.43 0.77 0.00	46.05 1.08 0.00	46.31 1.07 -5.43	46.67 1.44 0.00	44.88 1.41 0.00	43.46 1.18 0.00	42.69 1.17 0.00	43.52 0.95 -7.19	43.16 1.27 -1.86	51.14 0.36 -38.96	58.60 0.01 -58.37
NARROWS_GT1_1 24228	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT1_2 24229	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT1_3 24230	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT1_4 24231	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT1_5 24232	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77

NARROWS_GT1_6 24233	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT1_7 24234	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT1_8 24235	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT1_GRP 23726	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT2_1 24236	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT2_2 24237	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT2_3 24238	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT2_4 24239	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT2_5 24240	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT2_6 24241	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT2_7 24242	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT2_8 24243	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NARROWS_GT2_GRP 23741	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.35 1.38 -25.66	44.85 0.84 -32.17	47.85 2.54 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.89 2.75 -88.44	140.74 3.17 -104.97	111.38 3.18 -76.77	122.18 4.08 -77.70	114.98 3.90 -71.74	86.67 4.19 -41.82	49.62 4.65 0.00	48.82 4.28 -4.74	49.92 4.68 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.28 3.63 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NEG CAPITAL___MECHNVIL 23645	67.72 1.35 -49.90	55.64 1.20 -39.34	54.61 1.40 -35.99	53.62 1.68 -31.63	52.40 0.97 -39.58	43.92 2.97 -7.85	86.56 1.67 -62.87	69.74 1.07 -47.32	30.70 1.18 -0.81	34.20 1.60 0.00	33.95 1.37 -1.15	42.35 1.95 0.00	41.31 1.97 0.00	42.33 1.67 0.00	47.37 2.40 0.00	48.02 2.37 -5.84	48.42 3.18 0.00	46.65 3.18 0.00	44.98 2.70 0.00	44.16 2.65 0.00	45.20 2.10 -7.72	44.85 2.82 -2.00	54.48 0.78 -41.87	62.80 0.01 -62.57
NEG CENTRAL_HIGH_ACRES 23767	19.73 -1.07 -4.34	17.38 -1.14 -3.42	19.08 -1.26 -3.13	21.67 -1.39 -2.75	14.49 -0.79 -3.44	31.40 -2.38 -0.68	26.09 -1.39 -5.46	24.75 -0.71 -4.11	28.36 -0.42 -0.07	31.61 -0.98 0.00	30.97 -0.56 -0.10	39.22 -1.18 0.00	39.79 0.45 0.00	46.76 6.10 0.00	51.48 6.51 0.00	46.16 5.84 -0.51	51.83 6.59 0.00	49.57 6.10 0.00	48.08 5.80 0.00	47.03 5.52 0.00	41.12 5.06 -0.68	45.96 5.76 -0.18	16.47 0.94 -3.70	5.68 -0.03 -5.50
NEG CENTRAL___INDECK 23768	21.51 -1.38 -6.43	18.95 -1.19 -5.04	20.49 -1.35 -4.63	22.78 -1.57 -4.04	16.00 -0.90 -5.06	31.09 -3.02 -1.02	27.96 -2.07 -8.00	25.61 -1.76 -6.02	26.55 -2.26 -0.10	29.61 -2.98 0.00	28.71 -2.86 -0.15	36.43 -3.97 0.00	35.17 -4.17 0.00	35.79 -4.87 0.00	39.23 -5.74 0.00	35.25 -5.31 -0.75	39.16 -6.08 0.00	37.84 -5.62 0.00	37.94 -4.34 0.00	37.61 -3.90 0.00	32.90 -3.47 -0.99	36.15 -4.14 -0.26	16.19 -1.02 -5.39	8.29 -0.03 -8.10

NEG CENTRAL___SENECA 23627	16.47 0.00 0.00	15.10 0.00 0.00	17.22 0.00 0.00	20.31 0.00 0.00	11.84 0.00 0.00	33.10 0.00 0.00	22.03 0.00 0.00	21.35 0.00 0.00	28.70 0.00 0.00	32.59 0.00 0.00	31.43 0.00 0.00	40.40 0.00 0.00	39.34 0.00 0.00	40.66 0.00 0.00	44.97 0.00 0.00	39.80 0.00 0.00	45.24 0.00 0.00	43.46 0.00 0.00	42.28 0.00 0.00	41.51 0.00 0.00	35.38 0.00 0.00	40.03 0.00 0.00	11.82 0.00 0.00	0.22 0.00 0.00
NEG CENTRAL___STATE_STREET 24147	21.18 0.25 -4.46	18.71 0.05 -3.56	20.48 0.04 -3.23	23.26 0.07 -2.87	15.42 0.05 -3.53	34.07 0.30 -0.68	27.93 0.40 -5.49	26.26 0.77 -4.14	30.16 1.39 -0.07	34.07 1.48 0.00	33.21 1.69 -0.10	42.40 2.01 0.00	41.96 2.62 0.00	45.73 5.07 0.00	50.41 5.44 0.00	45.30 4.95 -0.55	50.84 5.60 0.00	48.62 5.15 0.00	47.07 4.79 0.00	46.02 4.51 0.00	40.23 4.14 -0.72	44.88 4.67 -0.18	16.66 0.95 -3.88	5.87 -0.01 -5.66
NEG NORTH_FLCN_SEA 23793	17.34 1.03 0.16	15.87 0.94 0.17	18.10 1.00 0.12	21.28 1.13 0.16	12.34 0.69 0.18	35.18 2.09 0.01	23.31 1.62 0.34	22.98 1.88 0.26	31.37 2.67 0.00	35.69 3.10 0.00	34.48 3.06 0.01	44.30 3.91 0.00	43.08 3.73 0.00	44.66 4.00 0.00	49.17 4.20 0.00	43.40 3.63 0.03	49.03 3.79 0.00	46.77 3.31 0.00	45.42 3.14 0.00	44.55 3.04 0.00	38.09 2.75 0.04	43.08 3.06 0.01	12.43 0.84 0.23	0.03 0.02 0.20
NEG NORTH_KES_CHATEGAY 23792	16.00 -0.31 0.16	14.64 -0.29 0.17	16.78 -0.32 0.12	19.80 -0.36 0.16	11.44 -0.21 0.18	32.57 -0.52 0.01	21.18 -0.50 0.34	20.49 -0.61 0.26	27.85 -0.85 0.00	31.70 -0.89 0.00	30.69 -0.73 0.01	39.50 -0.90 0.00	38.48 -0.86 0.00	39.67 -0.99 0.00	43.93 -1.04 0.00	38.81 -0.96 0.03	44.27 -0.97 0.00	42.69 -0.78 0.00	41.44 -0.84 0.00	40.71 -0.81 0.00	34.59 -0.75 0.04	39.29 -0.73 0.01	11.36 -0.24 0.23	0.02 0.00 0.20
NEG NORTH___ALICE_FALLS 23915	16.06 -0.25 0.16	14.67 -0.26 0.17	16.84 -0.26 0.12	19.86 -0.29 0.16	11.48 -0.18 0.18	32.72 -0.36 0.01	21.23 -0.46 0.34	20.46 -0.63 0.26	27.75 -0.95 0.00	31.67 -0.92 0.00	30.71 -0.71 0.01	39.56 -0.83 0.00	38.56 -0.78 0.00	39.72 -0.94 0.00	44.03 -0.94 0.00	38.90 -0.88 0.03	44.44 -0.80 0.00	42.87 -0.60 0.00	41.56 -0.72 0.00	40.85 -0.67 0.00	34.69 -0.64 0.04	39.46 -0.56 0.01	11.39 -0.21 0.23	0.02 0.00 0.20
NEG NORTH___LWR_SARANAC 23913	16.06 -0.25 0.16	14.67 -0.26 0.17	16.84 -0.26 0.12	19.86 -0.29 0.16	11.48 -0.18 0.18	32.72 -0.36 0.01	21.23 -0.46 0.34	20.46 -0.63 0.26	27.75 -0.95 0.00	31.67 -0.92 0.00	30.71 -0.71 0.01	39.56 -0.83 0.00	38.56 -0.78 0.00	39.72 -0.94 0.00	44.03 -0.94 0.00	38.90 -0.88 0.03	44.44 -0.80 0.00	42.87 -0.60 0.00	41.56 -0.72 0.00	40.85 -0.67 0.00	34.69 -0.64 0.04	39.46 -0.56 0.01	11.39 -0.21 0.23	0.02 0.00 0.20
NEG NORTH___PLATTSBURG 23628	15.92 -0.40 0.16	14.56 -0.37 0.17	16.69 -0.40 0.12	19.69 -0.46 0.16	11.37 -0.29 0.18	32.37 -0.71 0.01	21.01 -0.67 0.34	20.29 -0.80 0.26	27.50 -1.20 0.00	31.35 -1.25 0.00	30.43 -0.99 0.01	39.20 -1.20 0.00	38.21 -1.14 0.00	39.38 -1.28 0.00	43.60 -1.37 0.00	38.54 -1.23 0.03	43.96 -1.28 0.00	42.39 -1.07 0.00	41.15 -1.13 0.00	40.43 -1.08 0.00	34.38 -0.96 0.04	39.06 -0.96 0.01	11.28 -0.31 0.23	0.02 0.00 0.20
NEG WEST_LEA_LOCKPORT 23791	20.16 -1.90 -5.59	17.83 -1.62 -4.35	19.42 -1.82 -4.02	21.64 -2.15 -3.48	14.94 -1.26 -4.36	30.03 -3.96 -0.89	26.44 -2.44 -6.85	24.63 -1.88 -5.16	26.35 -2.44 -0.09	29.17 -3.43 0.00	28.25 -3.30 -0.13	35.71 -4.69 0.00	34.42 -4.92 0.00	35.17 -5.49 0.00	38.41 -6.56 0.00	34.39 -6.06 -0.64	38.45 -6.79 0.00	37.51 -5.95 0.00	37.32 -4.96 0.00	36.56 -4.96 0.00	31.79 -4.46 -0.87	34.84 -5.41 -0.22	15.22 -1.31 -4.71	7.31 -0.04 -7.13
NEG WEST___LANCASTR 23811	20.49 -1.80 -5.83	18.19 -1.52 -4.61	19.69 -1.73 -4.21	21.97 -2.06 -3.71	15.27 -1.21 -4.64	30.28 -3.72 -0.91	27.14 -2.26 -7.38	25.09 -1.81 -5.55	26.39 -2.41 -0.10	29.45 -3.15 0.00	28.53 -3.03 -0.14	36.25 -4.15 0.00	35.02 -4.32 0.00	35.83 -4.83 0.00	39.22 -5.75 0.00	35.15 -5.34 -0.69	38.96 -6.28 0.00	37.66 -5.81 0.00	37.20 -5.08 0.00	36.52 -5.00 0.00	32.06 -4.34 -1.02	35.05 -5.24 -0.26	16.00 -1.34 -5.52	8.39 -0.04 -8.21
NEG_PENN_ALLEGHNY 23528	28.71 -0.03 -12.27	24.82 0.05 -9.67	26.11 0.04 -8.85	28.07 -0.01 -7.77	21.55 -0.01 -9.72	34.97 -0.06 -1.93	37.51 0.07 -15.42	33.19 0.23 -11.60	29.19 0.29 -0.20	32.92 0.32 0.00	31.99 0.28 -0.28	40.77 0.38 0.00	39.52 0.18 0.00	40.39 -0.27 0.00	44.51 -0.46 0.00	40.73 -0.51 -1.43	44.20 -1.04 0.00	42.16 -1.30 0.00	41.13 -1.16 0.00	40.45 -1.06 0.00	36.42 -0.85 -1.89	39.40 -1.12 -0.49	21.82 -0.24 -10.24	15.56 0.00 -15.34
NEPA___ENERGY 23901	22.13 -1.55 -7.21	19.51 -1.27 -5.67	21.01 -1.41 -5.20	23.13 -1.74 -4.56	16.56 -0.98 -5.71	31.29 -2.94 -1.13	29.39 -1.69 -9.05	26.96 -1.20 -6.81	27.33 -1.49 -0.12	30.62 -1.97 0.00	29.76 -1.83 -0.16	37.81 -2.59 0.00	36.89 -2.45 0.00	38.68 -1.98 0.00	42.46 -2.51 0.00	38.20 -2.44 -0.84	42.14 -3.10 0.00	40.63 -2.84 0.00	39.89 -2.39 0.00	39.12 -2.39 0.00	34.54 -1.94 -1.10	37.81 -2.50 -0.28	17.08 -0.70 -5.96	9.15 -0.04 -8.97
NEVERSINK___HYD 23608	58.42 0.22 -41.73	48.10 0.16 -32.83	47.49 0.18 -30.09	46.86 0.18 -26.37	44.94 0.11 -33.00	40.09 0.41 -6.58	74.81 0.52 -52.26	60.39 0.30 -39.33	27.90 -1.47 -0.67	32.30 -0.29 0.00	32.16 -0.96 -0.96	40.17 -0.23 0.00	39.12 -0.22 0.00	40.48 -0.18 0.00	44.57 -0.40 0.00	44.35 -0.31 -4.86	44.65 -0.59 0.00	42.70 -0.76 0.00	41.64 -0.64 0.00	40.86 -0.65 0.00	41.43 -0.38 -6.43	41.00 -0.70 -1.67	46.43 -0.27 -34.88	52.52 -0.02 -52.32
NIAGARA___ 23760	20.69 -1.38 -5.61	18.29 -1.18 -4.36	19.91 -1.35 -4.04	22.26 -1.54 -3.49	15.32 -0.91 -4.38	30.96 -3.03 -0.89	27.07 -1.85 -6.90	25.38 -1.16 -5.19	27.46 -1.33 -0.09	30.17 -2.42 0.00	29.29 -2.26 -0.13	36.92 -3.48 0.00	35.74 -3.61 0.00	37.29 -3.37 0.00	40.65 -4.32 0.00	36.47 -3.98 -0.65	40.46 -4.78 0.00	38.99 -4.47 0.00	38.67 -3.61 0.00	37.82 -3.69 0.00	32.91 -3.34 -0.87	36.14 -4.11 -0.22	15.56 -0.99 -4.72	7.33 -0.03 -7.14
NINE_MILE_1 23575	18.22 -0.52 -2.27	16.46 -0.47 -1.83	18.33 -0.54 -1.65	21.16 -0.63 -1.48	13.31 -0.37 -1.84	32.38 -1.07 -0.35	24.31 -0.68 -2.96	22.99 -0.59 -2.23	27.98 -0.76 -0.04	31.67 -0.92 0.00	30.59 -0.89 -0.05	39.21 -1.19 0.00	38.17 -1.17 0.00	39.49 -1.17 0.00	43.64 -1.33 0.00	38.87 -1.21 -0.28	43.84 -1.40 0.00	42.10 -1.36 0.00	41.01 -1.28 0.00	40.25 -1.26 0.00	34.65 -1.09 -0.36	38.87 -1.25 -0.09	13.44 -0.36 -1.98	3.07 -0.01 -2.86
NINE_MILE_2 23744	18.22 -0.52 -2.26	16.46 -0.46 -1.82	18.33 -0.53 -1.64	21.16 -0.63 -1.47	13.30 -0.37 -1.83	32.39 -1.05 -0.35	24.30 -0.67 -2.94	22.99 -0.58 -2.22	27.99 -0.75 -0.04	31.69 -0.91 0.00	30.60 -0.88 -0.05	39.22 -1.17 0.00	38.19 -1.15 0.00	39.51 -1.15 0.00	43.66 -1.31 0.00	38.89 -1.18 -0.27	43.86 -1.38 0.00	42.13 -1.34 0.00	41.03 -1.26 0.00	40.27 -1.24 0.00	34.67 -1.07 -0.36	38.89 -1.23 -0.09	13.44 -0.35 -1.97	3.06 -0.01 -2.85
NM CAPITAL___NUG 23643	67.67 1.35 -49.85	55.57 1.20 -39.27	54.57 1.40 -35.95	53.56 1.68 -31.57	52.33 0.97 -39.52	43.91 2.97 -7.85	86.44 1.67 -62.75	69.65 1.07 -47.22	30.69 1.18 -0.81	34.20 1.60 0.00	33.95 1.37 -1.15	42.35 1.95 0.00	41.31 1.97 0.00	42.33 1.67 0.00	47.37 2.40 0.00	48.01 2.37 -5.83	48.42 3.18 0.00	46.65 3.18 0.00	44.98 2.70 0.00	44.16 2.65 0.00	45.19 2.10 -7.71	44.84 2.82 -2.00	54.40 0.78 -41.79	62.73 0.01 -62.50

NM CENTRAL___NUG 23634	18.92 -0.24 -2.69	16.88 -0.27 -2.05	18.86 -0.29 -1.93	21.64 -0.30 -1.63	13.73 -0.17 -2.06	33.20 -0.33 -0.44	24.89 -0.32 -3.19	23.32 -0.43 -2.40	28.25 -0.49 -0.04	32.17 -0.43 0.00	30.98 -0.50 -0.06	39.78 -0.61 0.00	38.84 -0.50 0.00	40.03 -0.64 0.00	44.46 -0.51 0.00	39.54 -0.56 -0.29	44.87 -0.37 0.00	43.17 -0.30 0.00	41.76 -0.52 0.00	41.01 -0.50 0.00	35.18 -0.60 -0.40	39.59 -0.54 -0.10	13.76 -0.21 -2.14	3.59 0.00 -3.38
NM MOHAWK___NUG 23633	16.04 0.13 0.56	14.83 0.12 0.39	16.96 0.13 0.39	20.17 0.15 0.30	11.54 0.08 0.38	33.22 0.22 0.10	21.66 0.18 0.55	21.12 0.18 0.41	28.91 0.22 0.01	32.84 0.24 0.00	31.64 0.23 0.01	40.69 0.30 0.00	39.63 0.29 0.00	40.97 0.31 0.00	45.31 0.34 0.00	40.08 0.33 0.05	45.58 0.34 0.00	43.76 0.30 0.00	42.58 0.30 0.00	41.80 0.29 0.00	35.59 0.28 0.07	40.31 0.29 0.02	11.55 0.09 0.36	-0.47 0.00 0.69
NM NORTH___NUG 24055	16.17 -0.19 0.10	14.81 -0.18 0.11	16.94 -0.20 0.08	20.00 -0.22 0.10	11.59 -0.13 0.11	32.81 -0.28 0.01	21.44 -0.37 0.22	20.69 -0.50 0.16	28.11 -0.59 0.00	31.99 -0.61 0.00	30.87 -0.55 0.00	39.71 -0.68 0.00	38.68 -0.67 0.00	39.82 -0.84 0.00	44.15 -0.82 0.00	38.98 -0.80 0.02	44.53 -0.71 0.00	42.95 -0.51 0.00	41.66 -0.62 0.00	40.91 -0.60 0.00	34.73 -0.62 0.03	39.44 -0.58 0.01	11.49 -0.19 0.14	0.09 0.00 0.12
NM WEST___NUG 23774	20.79 -1.32 -5.64	18.38 -1.13 -4.40	20.00 -1.29 -4.06	22.37 -1.47 -3.53	15.40 -0.86 -4.42	31.12 -2.87 -0.90	27.24 -1.75 -6.97	25.54 -1.06 -5.24	27.62 -1.18 -0.09	30.36 -2.23 0.00	29.48 -2.07 -0.13	37.17 -3.22 0.00	35.98 -3.36 0.00	37.54 -3.12 0.00	40.92 -4.05 0.00	36.71 -3.75 -0.65	40.72 -4.52 0.00	39.24 -4.22 0.00	38.91 -3.38 0.00	38.05 -3.47 0.00	33.13 -3.14 -0.88	36.38 -3.88 -0.23	15.69 -0.92 -4.79	7.39 -0.03 -7.20
NM_ST_REGIS___HYD 24053	16.11 -0.45 -0.09	14.75 -0.45 -0.10	16.80 -0.49 -0.07	19.86 -0.53 -0.09	11.62 -0.32 -0.10	32.44 -0.66 -0.01	21.46 -0.76 -0.19	20.52 -0.98 -0.15	27.52 -1.19 0.00	31.44 -1.15 0.00	30.36 -1.07 0.00	39.12 -1.28 0.00	38.10 -1.24 0.00	39.10 -1.56 0.00	43.48 -1.49 0.00	38.40 -1.42 -0.02	43.98 -1.26 0.00	42.47 -1.00 0.00	41.06 -1.23 0.00	40.35 -1.16 0.00	34.23 -1.18 -0.02	38.92 -1.12 -0.01	11.57 -0.39 -0.13	0.33 -0.01 -0.12
NORTHPORT___1 23551	57.69 0.73 -40.49	47.75 0.73 -31.92	47.32 0.90 -29.21	47.30 1.06 -25.93	49.28 0.62 -36.82	45.66 1.74 -10.83	75.56 1.20 -52.33	60.57 1.10 -38.12	118.71 1.58 -88.43	139.65 2.08 -104.97	110.35 2.17 -76.76	120.99 2.90 -77.70	113.80 2.72 -71.74	116.65 2.94 -73.05	72.81 3.08 -24.76	54.41 2.71 -11.90	63.87 2.81 -15.81	138.95 2.38 -93.11	116.98 2.36 -72.34	134.74 2.26 -90.97	140.52 2.11 -103.02	111.78 2.14 -69.61	48.15 0.61 -35.72	50.99 0.00 -50.77
NORTHPORT___2 23552	57.64 0.68 -40.49	47.70 0.68 -31.92	47.30 0.87 -29.21	47.27 1.03 -25.93	49.39 0.60 -36.95	45.67 1.65 -10.93	76.05 1.10 -52.92	60.91 1.00 -38.56	118.58 1.44 -88.44	139.49 1.92 -104.97	110.21 2.01 -76.77	120.80 2.71 -77.70	113.60 2.53 -71.74	116.46 2.75 -73.05	72.60 2.87 -24.76	54.22 2.52 -11.90	63.65 2.59 -15.81	138.74 2.17 -93.11	116.78 2.15 -72.34	134.55 2.06 -90.97	140.36 1.95 -103.02	111.61 1.97 -69.61	48.10 0.55 -35.72	51.00 0.01 -50.77
NORTHPORT___3 23553	57.40 0.44 -40.49	47.44 0.42 -31.92	46.95 0.52 -29.21	46.87 0.63 -25.93	49.16 0.37 -36.95	44.96 0.94 -10.93	75.60 0.65 -52.92	60.56 0.65 -38.56	118.07 0.93 -88.44	138.73 1.16 -104.97	109.38 1.18 -76.77	119.75 1.66 -77.70	112.72 1.64 -71.74	115.58 1.86 -73.05	71.65 1.92 -24.76	53.40 1.70 -11.90	62.67 1.62 -15.81	137.86 1.29 -93.11	115.87 1.25 -72.34	133.70 1.22 -90.97	139.68 1.28 -103.02	110.75 1.11 -69.61	47.86 0.31 -35.72	50.99 0.01 -50.77
NORTHPORT___4 23650	57.44 0.48 -40.49	47.46 0.44 -31.92	46.97 0.55 -29.21	46.90 0.65 -25.93	49.18 0.39 -36.95	45.03 1.00 -10.93	75.62 0.68 -52.92	60.57 0.65 -38.56	118.07 0.93 -88.44	138.73 1.16 -104.97	109.39 1.19 -76.77	119.78 1.68 -77.70	112.73 1.65 -71.74	115.57 1.86 -73.05	71.64 1.91 -24.76	53.40 1.70 -11.90	62.67 1.62 -15.81	137.87 1.29 -93.11	115.88 1.25 -72.34	133.72 1.23 -90.97	139.70 1.30 -103.02	110.76 1.13 -69.61	47.86 0.32 -35.72	50.98 0.00 -50.77
NORTHPORT___IC 23718	57.44 0.48 -40.49	47.46 0.44 -31.92	46.97 0.55 -29.21	46.90 0.65 -25.93	49.18 0.39 -36.95	45.03 1.00 -10.93	75.62 0.68 -52.92	60.57 0.65 -38.56	118.07 0.93 -88.44	138.73 1.16 -104.97	109.39 1.19 -76.77	119.78 1.68 -77.70	112.73 1.65 -71.74	115.57 1.86 -73.05	71.64 1.91 -24.76	53.40 1.70 -11.90	62.67 1.62 -15.81	137.87 1.29 -93.11	115.88 1.25 -72.34	133.72 1.23 -90.97	139.70 1.30 -103.02	110.76 1.13 -69.61	47.86 0.32 -35.72	50.98 0.00 -50.77
NSINS_S_GLNS_FALLS 23858	68.72 1.76 -50.50	56.49 1.62 -39.76	55.58 1.95 -36.42	54.63 2.36 -31.95	53.25 1.41 -40.01	45.24 4.19 -7.95	87.83 2.31 -63.49	70.68 1.55 -47.79	31.26 1.74 -0.82	34.70 2.10 0.00	34.21 1.62 -1.16	42.66 2.26 0.00	41.30 1.96 0.00	42.29 1.62 0.00	47.29 2.32 0.00	48.38 2.67 -5.90	48.84 3.60 0.00	47.19 3.73 0.00	45.50 3.22 0.00	44.61 3.10 0.00	45.63 2.45 -7.80	45.49 3.44 -2.02	55.14 1.03 -42.29	63.56 0.03 -63.31
NYISO_LBMP_REFERENCE 24008	16.47 0.00 0.00	15.10 0.00 0.00	17.22 0.00 0.00	20.31 0.00 0.00	11.84 0.00 0.00	33.10 0.00 0.00	22.03 0.00 0.00	21.35 0.00 0.00	28.70 0.00 0.00	32.59 0.00 0.00	31.43 0.00 0.00	40.40 0.00 0.00	39.34 0.00 0.00	40.66 0.00 0.00	44.97 0.00 0.00	39.80 0.00 0.00	45.24 0.00 0.00	43.46 0.00 0.00	42.28 0.00 0.00	41.51 0.00 0.00	35.38 0.00 0.00	40.03 0.00 0.00	11.82 0.00 0.00	0.22 0.00 0.00
NYPA_BRENTWD____GT 24164	57.73 0.77 -40.49	47.78 0.76 -31.92	47.34 0.91 -29.21	47.32 1.07 -25.93	49.42 0.63 -36.95	45.82 1.79 -10.93	76.20 1.26 -52.92	61.07 1.16 -38.56	118.81 1.67 -88.44	139.75 2.18 -104.97	110.46 2.26 -76.77	121.10 3.01 -77.70	113.91 2.83 -71.74	116.77 3.06 -73.05	72.94 3.21 -24.76	54.53 2.83 -11.90	63.99 2.94 -15.81	139.08 2.50 -93.11	117.10 2.47 -72.34	134.84 2.36 -90.97	140.61 2.20 -103.02	111.88 2.24 -69.61	48.18 0.63 -35.72	51.00 0.02 -50.77
NYPA_GOWANUS____GT1 24156	58.18 1.22 -40.49	48.08 1.06 -31.92	47.66 1.24 -29.21	47.35 1.38 -25.66	44.71 0.84 -32.03	47.75 2.55 -12.11	76.33 1.98 -52.32	61.51 2.04 -38.11	119.89 2.75 -88.43	140.74 3.17 -104.97	111.37 3.18 -76.76	122.26 4.16 -77.70	115.14 4.06 -71.74	86.84 4.36 -41.82	49.82 4.85 0.00	48.95 4.41 -4.74	49.93 4.69 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.29 3.64 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NYPA_GOWANUS____GT2 24157	58.18 1.22 -40.49	48.08 1.06 -31.92	47.66 1.24 -29.21	47.35 1.38 -25.66	44.71 0.84 -32.03	47.75 2.55 -12.11	76.33 1.98 -52.32	61.51 2.04 -38.11	119.89 2.75 -88.43	140.74 3.17 -104.97	111.37 3.18 -76.76	122.26 4.16 -77.70	115.14 4.06 -71.74	86.84 4.36 -41.82	49.82 4.85 0.00	48.95 4.41 -4.74	49.93 4.69 0.00	47.57 4.11 0.00	46.23 3.94 0.00	45.37 3.86 0.00	45.22 3.57 -6.27	45.29 3.64 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NYPA_HARLEM__RVR__GT1 24160	58.37 1.41 -40.49	48.28 1.26 -31.92	47.89 1.47 -29.21	47.60 1.62 -25.66	44.97 0.97 -32.17	48.28 2.97 -12.21	77.26 2.31 -52.93	62.26 2.35 -38.56	120.27 3.13 -88.44	141.12 3.55 -104.97	111.75 3.55 -76.77	122.76 4.66 -77.70	115.65 4.57 -71.74	87.37 4.89 -41.82	50.48 5.51 0.00	49.60 5.06 -4.74	50.60 5.36 0.00	48.13 4.66 0.00	46.71 4.43 0.00	45.82 4.31 0.00	45.60 3.95 -6.27	45.67 4.02 -1.62	47.01 1.22 -33.96	51.03 0.04 -50.77

NYPA_HARLEM__RVR_GT2 24161	58.37 1.41 -40.49	48.28 1.26 -31.92	47.89 1.47 -29.21	47.60 1.62 -25.66	44.83 0.97 -32.03	48.18 2.97 -12.11	76.65 2.31 -52.31	61.80 2.35 -38.10	120.26 3.13 -88.43	141.12 3.55 -104.97	111.73 3.55 -76.76	122.76 4.66 -77.70	115.65 4.57 -71.74	87.37 4.89 -41.82	50.48 5.51 0.00	49.60 5.06 -4.74	50.60 5.36 0.00	48.13 4.66 0.00	46.71 4.43 0.00	45.82 4.31 0.00	45.60 3.95 -6.27	45.67 4.02 -1.62	47.01 1.22 -33.96	51.03 0.04 -50.77
NYPA_KENT____GT 24152	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.36 1.38 -25.66	44.85 0.84 -32.17	47.85 2.55 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.90 2.75 -88.44	140.74 3.18 -104.97	111.38 3.18 -76.77	122.26 4.17 -77.70	115.14 4.06 -71.74	86.84 4.37 -41.82	49.82 4.85 0.00	48.95 4.41 -4.74	49.93 4.69 0.00	47.57 4.11 0.00	46.23 3.95 0.00	45.37 3.86 0.00	45.22 3.58 -6.27	45.29 3.64 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77
NYPA_POUCH1____GT 24155	58.08 1.12 -40.49	47.99 0.97 -31.92	47.56 1.13 -29.21	47.24 1.27 -25.66	44.78 0.78 -32.17	47.67 2.36 -12.21	76.78 1.82 -52.93	61.79 1.87 -38.56	119.65 2.51 -88.44	140.49 2.93 -104.97	111.14 2.95 -76.77	121.97 3.87 -77.70	114.86 3.79 -71.74	86.55 4.07 -41.82	49.45 4.48 0.00	48.59 4.05 -4.74	49.52 4.28 0.00	47.19 3.73 0.00	45.87 3.59 0.00	45.03 3.52 0.00	44.93 3.28 -6.27	44.99 3.34 -1.62	46.76 0.97 -33.96	51.02 0.03 -50.77
NYPA_VERNON____GT1 24162	58.12 1.16 -40.49	48.03 1.01 -31.92	47.60 1.17 -29.21	47.28 1.31 -25.66	44.66 0.79 -32.03	47.63 2.42 -12.11	76.24 1.89 -52.32	61.41 1.95 -38.11	119.73 2.60 -88.43	140.53 2.97 -104.97	111.16 2.98 -76.76	122.01 3.91 -77.70	114.92 3.84 -71.74	86.61 4.13 -41.82	49.59 4.62 0.00	48.75 4.21 -4.74	49.67 4.43 0.00	47.33 3.86 0.00	46.00 3.72 0.00	45.16 3.65 0.00	45.03 3.38 -6.27	45.07 3.42 -1.62	46.80 1.01 -33.96	51.02 0.03 -50.77
NYPA_VERNON____GT2 24163	58.12 1.16 -40.49	48.03 1.01 -31.92	47.60 1.17 -29.21	47.28 1.31 -25.66	44.66 0.79 -32.03	47.63 2.42 -12.11	76.24 1.89 -52.32	61.41 1.95 -38.11	119.73 2.60 -88.43	140.53 2.97 -104.97	111.16 2.98 -76.76	122.01 3.91 -77.70	114.92 3.84 -71.74	86.61 4.13 -41.82	49.59 4.62 0.00	48.75 4.21 -4.74	49.67 4.43 0.00	47.33 3.86 0.00	46.00 3.72 0.00	45.16 3.65 0.00	45.03 3.38 -6.27	45.07 3.42 -1.62	46.80 1.01 -33.96	51.02 0.03 -50.77
NYPA__HOLTSVILL 23794	57.76 0.80 -40.49	47.83 0.81 -31.92	47.39 0.97 -29.21	47.39 1.15 -25.93	49.47 0.67 -36.95	45.97 1.37 -10.93	76.32 1.37 -52.92	61.03 1.12 -38.56	118.83 1.69 -88.44	139.89 2.33 -104.97	110.64 2.44 -76.77	121.31 3.22 -77.70	114.06 2.99 -71.74	116.92 3.20 -73.05	73.10 3.37 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.62 -72.34	134.91 2.43 -90.97	140.62 2.21 -103.02	111.94 2.30 -69.61	48.19 0.65 -35.72	51.00 0.02 -50.77
NYPA____HELLGATE_GT1 24158	58.37 1.41 -40.49	48.28 1.26 -31.92	47.89 1.47 -29.21	47.60 1.62 -25.66	44.97 0.97 -32.17	48.28 2.97 -12.21	77.26 2.31 -52.93	62.26 2.34 -38.56	120.27 3.13 -88.44	141.12 3.55 -104.97	111.74 3.55 -76.77	122.76 4.66 -77.70	115.64 4.56 -71.74	87.36 4.89 -41.82	50.48 5.51 0.00	49.60 5.06 -4.74	50.59 5.35 0.00	48.12 4.66 0.00	46.71 4.43 0.00	45.82 4.31 0.00	45.60 3.95 -6.27	45.67 4.02 -1.62	47.01 1.22 -33.96	51.03 0.04 -50.77
NYPA____HELLGATE_GT2 24159	58.37 1.41 -40.49	48.28 1.26 -31.92	47.89 1.47 -29.21	47.60 1.62 -25.66	44.97 0.97 -32.17	48.28 2.97 -12.21	77.26 2.31 -52.93	62.26 2.34 -38.56	120.27 3.13 -88.44	141.12 3.55 -104.97	111.74 3.55 -76.77	122.76 4.66 -77.70	115.64 4.56 -71.74	87.36 4.89 -41.82	50.48 5.51 0.00	49.60 5.06 -4.74	50.59 5.35 0.00	48.12 4.66 0.00	46.71 4.43 0.00	45.82 4.31 0.00	45.60 3.95 -6.27	45.67 4.02 -1.62	47.01 1.22 -33.96	51.03 0.04 -50.77
O.H__GEN_BRUCE 24063	20.57 -1.13 -5.24	17.06 -0.96 -2.91	20.48 -1.09 -4.35	22.86 -1.27 -3.82	15.87 -0.74 -4.78	31.58 -2.47 -0.95	28.12 -1.48 -7.57	26.16 -0.89 -5.70	27.81 -0.99 -0.10	30.79 -1.80 0.00	29.88 -1.68 -0.14	37.80 -2.60 0.00	36.60 -2.74 0.00	37.99 -2.68 0.00	41.50 -3.47 0.00	37.29 -3.22 -0.71	41.25 -3.99 0.00	39.63 -3.83 0.00	39.16 -3.12 0.00	38.36 -3.16 0.00	33.50 -2.82 -0.94	36.78 -3.49 -0.24	16.09 -0.84 -5.10	7.85 -0.02 -7.65
OAK ORCHARD__HYD 24046	19.78 -1.13 -4.45	17.66 -0.98 -3.54	19.31 -1.12 -3.21	21.90 -1.27 -2.86	14.67 -0.73 -3.56	31.34 -2.45 -0.69	26.26 -1.46 -5.69	24.72 -0.91 -4.28	27.75 -1.03 -0.07	30.83 -1.77 0.00	29.95 -1.58 -0.10	37.97 -2.43 0.00	36.84 -2.50 0.00	38.35 -2.31 0.00	41.96 -3.01 0.00	37.51 -2.82 -0.53	41.87 -3.37 0.00	40.29 -3.18 0.00	39.71 -2.57 0.00	38.86 -2.65 0.00	33.74 -2.36 -0.71	37.33 -2.88 -0.18	14.99 -0.71 -3.87	5.84 -0.02 -5.64
ONONDAGA_REF_OCCRA 23987	19.71 -0.31 -3.55	17.59 -0.29 -2.78	19.44 -0.33 -2.56	22.14 -0.39 -2.23	14.41 -0.23 -2.79	33.07 -0.59 -0.56	26.05 -0.39 -4.41	24.32 -0.36 -3.32	28.35 -0.42 -0.06	32.13 -0.47 0.00	31.02 -0.49 -0.08	39.74 -0.66 0.00	38.69 -0.65 0.00	40.00 -0.66 0.00	44.27 -0.70 0.00	39.54 -0.69 -0.42	44.52 -0.72 0.00	42.78 -0.68 0.00	41.60 -0.68 0.00	40.85 -0.66 0.00	35.30 -0.63 -0.55	39.48 -0.69 -0.14	14.60 -0.21 -2.98	4.69 -0.01 -4.48
ONONDAGA__COGEN 23986	19.61 -0.47 -3.61	17.53 -0.42 -2.85	19.33 -0.49 -2.60	22.00 -0.60 -2.29	14.34 -0.35 -2.86	32.61 -1.06 -0.57	25.86 -0.71 -4.54	24.12 -0.65 -3.42	27.96 -0.81 -0.06	31.62 -0.97 0.00	30.55 -0.96 -0.09	39.11 -1.29 0.00	38.06 -1.28 0.00	39.46 -1.21 0.00	43.60 -1.37 0.00	39.00 -1.25 -0.44	43.82 -1.42 0.00	42.13 -1.33 0.00	41.07 -1.21 0.00	40.34 -1.17 0.00	34.90 -1.05 -0.57	38.98 -1.20 -0.15	14.57 -0.34 -3.09	4.80 -0.01 -4.58
OSWEGATCHIE__HYD 24044	16.77 -0.31 -0.61	15.21 -0.35 -0.45	17.29 -0.36 -0.44	20.29 -0.38 -0.35	12.07 -0.22 -0.45	32.93 -0.27 -0.10	22.22 -0.48 -0.68	21.08 -0.78 -0.51	27.81 -0.90 -0.01	31.86 -0.73 0.00	30.65 -0.78 -0.01	39.51 -0.88 0.00	38.53 -0.82 0.00	39.49 -1.17 0.00	44.03 -0.94 0.00	38.90 -0.97 -0.06	44.63 -0.61 0.00	43.07 -0.39 0.00	41.54 -0.75 0.00	40.86 -0.65 0.00	34.63 -0.83 -0.08	39.38 -0.67 -0.02	12.00 -0.28 -0.46	0.99 -0.01 -0.77
OSWEGO__5 23606	18.81 -0.44 -2.78	16.87 -0.40 -2.16	18.77 -0.45 -2.00	21.50 -0.53 -1.73	13.71 -0.30 -2.17	32.68 -0.86 -0.45	24.87 -0.56 -3.41	23.43 -0.49 -2.57	28.13 -0.61 -0.04	31.85 -0.74 0.00	30.76 -0.72 -0.06	39.42 -0.97 0.00	38.38 -0.96 0.00	39.70 -0.96 0.00	43.88 -1.09 0.00	39.12 -1.00 -0.32	44.10 -1.14 0.00	42.36 -1.11 0.00	41.24 -1.04 0.00	40.48 -1.03 0.00	34.90 -0.90 -0.42	39.11 -1.03 -0.11	13.80 -0.30 -2.27	3.70 -0.01 -3.49
OSWEGO__6 23613	18.81 -0.44 -2.78	16.87 -0.40 -2.16	18.77 -0.45 -2.00	21.50 -0.53 -1.73	13.70 -0.30 -2.17	32.68 -0.87 -0.45	24.87 -0.56 -3.41	23.43 -0.48 -2.57	28.13 -0.61 -0.04	31.85 -0.74 0.00	30.76 -0.72 -0.06	39.42 -0.97 0.00	38.38 -0.96 0.00	39.71 -0.96 0.00	43.88 -1.09 0.00	39.12 -1.00 -0.32	44.09 -1.15 0.00	42.36 -1.11 0.00	41.24 -1.04 0.00	40.48 -1.03 0.00	34.90 -0.90 -0.42	39.11 -1.03 -0.11	13.80 -0.30 -2.27	3.70 -0.01 -3.49
OXBOW____ 24026	20.77 -1.36 -5.66	18.37 -1.16 -4.43	20.01 -1.28 -4.08	22.39 -1.47 -3.55	15.44 -0.85 -4.45	31.16 -2.84 -0.90	27.27 -1.77 -7.01	25.52 -1.11 -5.28	27.55 -1.24 -0.09	30.36 -2.23 0.00	29.50 -2.06 -0.13	37.25 -3.14 0.00	36.08 -3.26 0.00	37.63 -3.03 0.00	41.04 -3.93 0.00	36.82 -3.64 -0.66	40.84 -4.40 0.00	39.30 -4.16 0.00	38.91 -3.37 0.00	38.05 -3.46 0.00	33.16 -3.11 -0.89	36.44 -3.82 -0.23	15.75 -0.90 -4.83	7.43 -0.02 -7.24

PEEKSKILL____ 23653	57.56 0.72 -40.38	47.52 0.63 -31.79	47.04 0.71 -29.12	46.64 0.78 -25.54	44.33 0.48 -32.01	43.00 1.45 -8.45	75.74 1.17 -52.54	60.90 1.28 -38.27	118.86 1.72 -88.43	139.60 2.03 -104.97	110.25 2.06 -76.76	120.84 2.74 -77.70	113.77 2.69 -71.74	85.37 2.89 -41.82	48.02 3.05 0.00	47.24 2.73 -4.71	48.02 2.78 0.00	45.85 2.38 0.00	44.64 2.36 0.00	43.82 2.31 0.00	43.81 2.20 -6.23	43.79 2.15 -1.61	46.25 0.63 -33.79	50.86 0.03 -50.62
PGE MADISON__WINDPWR 24146	28.41 1.08 -10.86	24.66 0.99 -8.57	26.12 1.06 -7.84	28.39 1.19 -6.89	21.18 0.72 -8.62	36.98 2.18 -1.71	37.42 1.71 -13.68	33.64 1.99 -10.30	31.70 2.82 -0.18	35.84 3.25 0.00	34.89 3.21 -0.25	44.48 4.08 0.00	43.20 3.86 0.00	44.74 4.08 0.00	49.21 4.24 0.00	44.73 3.65 -1.28	49.05 3.81 0.00	46.80 3.34 0.00	45.48 3.19 0.00	44.61 3.10 0.00	39.86 2.80 -1.68	43.58 3.12 -0.44	21.79 0.85 -9.11	13.85 0.02 -13.61
PJM_GEN_KEystone 24065	22.22 -1.29 -7.05	18.81 -1.10 -4.81	20.38 -1.25 -4.41	22.08 -1.51 -3.28	17.53 -0.88 -6.57	31.75 -2.65 -1.31	30.86 -1.58 -10.41	28.03 -1.16 -7.83	27.44 -1.40 -0.13	30.75 -1.84 0.00	29.86 -1.76 -0.19	37.94 -2.45 0.00	36.79 -2.55 0.00	37.98 -2.68 0.00	41.66 -3.31 0.00	37.69 -3.09 -0.97	41.44 -3.80 0.00	39.90 -3.57 0.00	39.16 -3.12 0.00	38.45 -3.06 0.00	34.02 -2.60 -1.24	37.16 -3.19 -0.32	17.72 -0.82 -6.72	10.28 -0.01 -10.07
PLEASANTVLY__LBMP 24000	58.67 0.50 -41.70	48.35 0.45 -32.79	47.80 0.52 -30.07	47.21 0.56 -26.34	45.17 0.31 -33.02	40.49 0.81 -6.58	75.13 0.67 -52.43	61.58 0.77 -39.46	30.35 0.97 -0.68	33.70 1.11 0.00	33.49 1.11 -0.96	41.87 1.48 0.00	40.79 1.45 0.00	42.29 1.63 0.00	46.65 1.68 0.00	46.17 1.51 -4.86	46.72 1.48 0.00	44.73 1.26 0.00	43.63 1.34 0.00	42.84 1.33 0.00	43.08 1.27 -6.43	42.94 1.25 -1.66	47.05 0.39 -34.83	52.51 0.01 -52.28
POLETTI____ 23519	57.94 0.98 -40.49	47.82 0.80 -31.92	47.32 0.89 -29.21	46.96 0.98 -25.66	44.61 0.60 -32.17	47.17 1.86 -12.21	76.38 1.43 -52.93	61.40 1.48 -38.56	119.15 2.01 -88.44	139.93 2.37 -104.97	110.60 2.41 -76.77	121.29 3.19 -77.70	114.22 3.14 -71.74	85.86 3.39 -41.82	48.64 3.67 0.00	47.84 3.30 -4.74	48.63 3.39 0.00	46.37 2.90 0.00	45.09 2.81 0.00	44.25 2.74 0.00	44.25 2.61 -6.27	44.23 2.58 -1.62	46.58 0.79 -33.96	51.02 0.03 -50.77
PORT_JEFF_3 23555	57.81 0.85 -40.49	47.87 0.85 -31.92	47.44 1.01 -29.21	47.45 1.21 -25.93	49.49 0.70 -36.95	46.06 2.03 -10.93	76.38 1.43 -52.92	61.11 1.20 -38.56	118.93 1.79 -88.44	140.00 2.44 -104.97	110.75 2.55 -76.77	121.45 3.36 -77.70	114.20 3.12 -71.74	117.06 3.35 -73.05	73.26 3.53 -24.76	54.80 3.10 -11.90	64.31 3.26 -15.81	139.37 2.80 -93.11	117.43 2.80 -72.34	135.09 2.61 -90.97	140.76 2.36 -103.02	112.09 2.45 -69.61	48.24 0.69 -35.72	51.00 0.02 -50.77
PORT_JEFF_4 23616	57.64 0.68 -40.49	47.79 0.77 -31.92	47.33 0.91 -29.21	47.33 1.09 -25.93	49.43 0.63 -36.95	45.87 1.85 -10.93	76.19 1.24 -52.92	60.74 0.83 -38.56	118.36 1.21 -88.44	139.35 1.78 -104.97	110.11 1.92 -76.77	120.64 2.55 -77.70	113.42 2.34 -71.74	116.24 2.53 -73.05	72.34 2.61 -24.76	53.96 2.26 -11.90	63.35 2.30 -15.81	138.46 1.88 -93.11	116.51 1.89 -72.34	134.19 1.71 -90.97	140.01 1.60 -103.02	111.24 1.60 -69.61	47.98 0.44 -35.72	51.00 0.01 -50.77
PORT_JEFF_IC 23713	57.82 0.86 -40.49	47.88 0.86 -31.92	47.45 1.02 -29.21	47.46 1.22 -25.93	49.50 0.71 -36.95	46.08 2.05 -10.93	76.39 1.44 -52.92	61.11 1.20 -38.56	118.93 1.79 -88.44	140.02 2.45 -104.97	110.77 2.57 -76.77	121.48 3.38 -77.70	114.22 3.14 -71.74	117.08 3.37 -73.05	73.28 3.55 -24.76	54.82 3.12 -11.90	64.33 3.28 -15.81	139.39 2.82 -93.11	117.45 2.82 -72.34	135.10 2.62 -90.97	140.77 2.37 -103.02	112.10 2.47 -69.61	48.24 0.70 -35.72	51.00 0.02 -50.77
PROJECT__ORANGE 23990	19.27 -0.22 -3.02	17.32 -0.21 -2.42	19.16 -0.24 -2.19	21.99 -0.28 -1.96	14.12 -0.16 -2.44	33.15 -0.41 -0.47	25.69 -0.27 -3.93	24.07 -0.24 -2.95	28.50 -0.26 -0.05	32.31 -0.29 0.00	31.18 -0.32 -0.07	39.96 -0.44 0.00	38.91 -0.44 0.00	40.22 -0.44 0.00	44.51 -0.46 0.00	39.70 -0.47 -0.37	44.77 -0.47 0.00	43.01 -0.45 0.00	41.82 -0.47 0.00	41.06 -0.45 0.00	35.41 -0.46 -0.49	39.67 -0.49 -0.13	14.31 -0.15 -2.64	4.03 0.00 -3.81
PYRITES__HYD 24023	16.53 -0.01 -0.07	15.10 -0.08 -0.08	17.22 -0.05 -0.05	20.39 0.00 -0.07	11.92 0.00 -0.08	33.52 0.41 -0.01	22.00 -0.18 -0.16	20.89 -0.58 -0.12	28.12 -0.59 0.00	32.27 -0.32 0.00	31.06 -0.37 0.00	40.07 -0.33 0.00	39.04 -0.31 0.00	39.94 -0.72 0.00	44.60 -0.37 0.00	39.32 -0.50 -0.01	45.28 0.04 0.00	43.79 0.33 0.00	42.15 -0.13 0.00	41.48 -0.03 0.00	35.04 -0.36 -0.02	39.99 -0.04 -0.01	11.82 -0.11 -0.11	0.31 0.00 -0.09
RANKINE____ 23646	21.29 -1.02 -5.84	18.87 -0.86 -4.63	20.47 -0.96 -4.22	22.92 -1.12 -3.73	15.85 -0.64 -4.66	31.83 -2.18 -0.91	28.17 -1.27 -7.42	26.31 -0.62 -5.58	28.24 -0.56 -0.10	31.25 -1.34 0.00	30.36 -1.20 -0.14	38.42 -1.98 0.00	37.28 -2.06 0.00	38.93 -1.74 0.00	42.54 -2.43 0.00	38.16 -2.33 -0.69	42.16 -3.08 0.00	40.44 -3.03 0.00	39.91 -2.37 0.00	39.07 -2.45 0.00	34.18 -2.15 -0.96	37.56 -2.72 -0.25	16.34 -0.66 -5.18	8.11 -0.02 -7.91
RAVENS GT4-7____ 23728	58.11 1.15 -40.49	48.02 1.00 -31.92	47.59 1.16 -29.21	47.27 1.30 -25.66	44.80 0.79 -32.17	47.71 2.40 -12.21	76.82 1.87 -52.93	61.84 1.93 -38.56	119.71 2.57 -88.44	140.51 2.94 -104.97	111.15 2.95 -76.77	121.98 3.88 -77.70	114.89 3.81 -71.74	86.58 4.10 -41.82	49.55 4.58 0.00	48.70 4.17 -4.74	49.62 4.38 0.00	47.28 3.82 0.00	45.96 3.68 0.00	45.12 3.60 0.00	44.99 3.35 -6.27	45.03 3.38 -1.62	46.79 1.00 -33.96	51.03 0.03 -50.77
RAVENSWD GT2____ 23730	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.57 1.65 -38.57	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWD GT3____ 23733	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.56 1.65 -38.56	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWOOD_GT2_1 24244	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.57 1.65 -38.57	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWOOD_GT2_2 24245	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.57 1.65 -38.57	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77

RAVENSWOOD_GT2_3 24246	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.57 1.65 -38.57	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWOOD_GT2_4 24247	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.57 1.65 -38.57	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWOOD_GT3_1 24248	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.56 1.65 -38.56	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWOOD_GT3_2 24249	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.56 1.65 -38.56	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWOOD_GT3_3 24250	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.56 1.65 -38.56	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWOOD_GT3_4 24251	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.56 1.65 -38.56	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWOOD_GT_1 23729	57.95 0.99 -40.49	47.88 0.85 -31.92	47.40 0.97 -29.21	47.06 1.09 -25.66	44.67 0.66 -32.17	47.32 2.01 -12.21	76.51 1.56 -52.93	61.50 1.59 -38.56	119.23 2.09 -88.44	140.02 2.45 -104.97	110.69 2.49 -76.77	121.41 3.31 -77.70	114.33 3.26 -71.74	85.98 3.50 -41.82	48.78 3.81 0.00	47.96 3.42 -4.74	48.79 3.55 0.00	46.53 3.07 0.00	45.25 2.97 0.00	44.42 2.90 0.00	44.39 2.74 -6.27	44.39 2.74 -1.62	46.60 0.81 -33.96	51.02 0.03 -50.77
RAVENSWOOD_GT_10 24258	58.11 1.15 -40.49	48.02 1.00 -31.92	47.59 1.16 -29.21	47.27 1.30 -25.66	44.66 0.80 -32.03	47.61 2.40 -12.11	76.23 1.88 -52.32	61.39 1.93 -38.11	119.71 2.58 -88.43	140.51 2.95 -104.97	111.14 2.96 -76.76	121.98 3.88 -77.70	114.90 3.82 -71.74	86.59 4.11 -41.82	49.56 4.59 0.00	48.72 4.18 -4.74	49.64 4.40 0.00	47.30 3.83 0.00	45.97 3.69 0.00	45.13 3.62 0.00	45.01 3.36 -6.27	45.04 3.39 -1.62	46.79 1.00 -33.96	51.03 0.03 -50.77
RAVENSWOOD_GT_11 24259	58.11 1.15 -40.49	48.02 1.00 -31.92	47.59 1.16 -29.21	47.27 1.30 -25.66	44.66 0.80 -32.03	47.61 2.40 -12.11	76.23 1.88 -52.32	61.39 1.93 -38.11	119.71 2.58 -88.43	140.51 2.95 -104.97	111.14 2.96 -76.76	121.98 3.88 -77.70	114.90 3.82 -71.74	86.59 4.11 -41.82	49.56 4.59 0.00	48.72 4.18 -4.74	49.64 4.40 0.00	47.30 3.83 0.00	45.97 3.69 0.00	45.13 3.62 0.00	45.01 3.36 -6.27	45.04 3.39 -1.62	46.79 1.00 -33.96	51.03 0.03 -50.77
RAVENSWOOD_GT_4 24252	58.11 1.15 -40.49	48.02 1.00 -31.92	47.59 1.16 -29.21	47.27 1.30 -25.66	44.80 0.79 -32.17	47.71 2.40 -12.21	76.82 1.87 -52.93	61.84 1.93 -38.56	119.71 2.57 -88.44	140.51 2.94 -104.97	111.15 2.95 -76.77	121.98 3.88 -77.70	114.89 3.81 -71.74	86.58 4.10 -41.82	49.55 4.58 0.00	48.70 4.17 -4.74	49.62 4.38 0.00	47.28 3.82 0.00	45.96 3.68 0.00	45.12 3.60 0.00	44.99 3.35 -6.27	45.03 3.38 -1.62	46.79 1.00 -33.96	51.03 0.03 -50.77
RAVENSWOOD_GT_5 24254	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.56 1.65 -38.56	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWOOD_GT_6 24253	58.11 1.15 -40.49	48.02 1.00 -31.92	47.59 1.16 -29.21	47.27 1.30 -25.66	44.80 0.79 -32.17	47.71 2.40 -12.21	76.82 1.87 -52.93	61.84 1.93 -38.56	119.71 2.57 -88.44	140.51 2.94 -104.97	111.15 2.95 -76.77	121.98 3.88 -77.70	114.89 3.81 -71.74	86.58 4.10 -41.82	49.55 4.58 0.00	48.70 4.17 -4.74	49.62 4.38 0.00	47.28 3.82 0.00	45.96 3.68 0.00	45.12 3.60 0.00	44.99 3.35 -6.27	45.03 3.38 -1.62	46.79 1.00 -33.96	51.03 0.03 -50.77
RAVENSWOOD_GT_7 24255	57.96 1.00 -40.49	47.88 0.86 -31.92	47.41 0.98 -29.21	47.07 1.10 -25.66	44.68 0.67 -32.17	47.34 2.03 -12.21	76.54 1.58 -52.93	61.56 1.65 -38.56	119.35 2.21 -88.44	140.15 2.59 -104.97	110.82 2.62 -76.77	121.57 3.47 -77.70	114.49 3.41 -71.74	86.15 3.67 -41.82	48.96 3.99 0.00	48.12 3.58 -4.74	48.97 3.73 0.00	46.70 3.23 0.00	45.41 3.13 0.00	44.57 3.06 0.00	44.51 2.87 -6.27	44.52 2.87 -1.62	46.63 0.85 -33.96	51.02 0.02 -50.77
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	58.11 1.15 -40.49	48.02 1.00 -31.92	47.59 1.16 -29.21	47.27 1.30 -25.66	44.66 0.80 -32.03	47.61 2.40 -12.11	76.23 1.88 -52.32	61.39 1.93 -38.11	119.71 2.58 -88.43	140.51 2.95 -104.97	111.14 2.96 -76.76	121.98 3.88 -77.70	114.90 3.82 -71.74	86.59 4.11 -41.82	49.56 4.59 0.00	48.72 4.18 -4.74	49.64 4.40 0.00	47.30 3.83 0.00	45.97 3.69 0.00	45.13 3.62 0.00	45.01 3.36 -6.27	45.04 3.39 -1.62	46.79 1.00 -33.96	51.03 0.03 -50.77
RAVENSWOOD_GT_9 24257	58.11 1.15 -40.49	48.02 1.00 -31.92	47.59 1.16 -29.21	47.27 1.30 -25.66	44.66 0.80 -32.03	47.61 2.40 -12.11	76.23 1.88 -52.32	61.39 1.93 -38.11	119.71 2.58 -88.43	140.51 2.95 -104.97	111.14 2.96 -76.76	121.98 3.88 -77.70	114.90 3.82 -71.74	86.59 4.11 -41.82	49.56 4.59 0.00	48.72 4.18 -4.74	49.64 4.40 0.00	47.30 3.83 0.00	45.97 3.69 0.00	45.13 3.62 0.00	45.01 3.36 -6.27	45.04 3.39 -1.62	46.79 1.00 -33.96	51.03 0.03 -50.77
RAVENSWOOD___1 23533	58.11 1.15 -40.49	48.02 1.00 -31.92	47.59 1.16 -29.21	47.27 1.30 -25.66	44.66 0.80 -32.03	47.61 2.40 -12.11	76.23 1.88 -52.32	61.39 1.93 -38.11	119.71 2.58 -88.43	140.51 2.95 -104.97	111.14 2.96 -76.76	121.98 3.88 -77.70	114.90 3.82 -71.74	86.58 4.10 -41.82	49.56 4.59 0.00	48.71 4.17 -4.74	49.63 4.39 0.00	47.29 3.83 0.00	45.97 3.69 0.00	45.13 3.61 0.00	45.00 -6.27	45.04 3.36 -1.62	46.79 1.00 -33.96	51.03 0.03 -50.77

RAVENSWOOD___2 23534	58.09 1.13 -40.49	48.01 0.98 -31.92	47.57 1.14 -29.21	47.25 1.27 -25.66	44.79 0.78 -32.17	47.69 2.38 -12.21	76.80 1.85 -52.93	61.82 1.90 -38.56	119.66 2.52 -88.44	140.34 2.78 -104.97	110.97 2.78 -76.77	121.72 3.62 -77.70	114.64 3.56 -71.74	86.32 3.84 -41.82	49.33 4.36 0.00	48.55 4.01 -4.74	49.45 4.21 0.00	47.12 3.66 0.00	45.84 3.56 0.00	45.05 3.54 0.00	44.95 3.30 -6.27	44.98 3.33 -1.62	46.78 0.99 -33.96	51.02 0.03 -50.77
RAVENSWOOD___3 23535	57.95 0.99 -40.49	47.88 0.85 -31.92	47.40 0.97 -29.21	47.06 1.09 -25.66	44.67 0.66 -32.17	47.32 2.01 -12.21	76.51 1.56 -52.93	61.50 1.59 -38.56	119.23 2.09 -88.44	140.02 2.45 -104.97	110.69 2.49 -76.77	121.41 3.31 -77.70	114.33 3.26 -71.74	85.98 3.50 -41.82	48.78 3.81 0.00	47.96 3.42 -4.74	48.79 3.55 0.00	46.53 3.07 0.00	45.25 2.97 0.00	44.42 2.90 0.00	44.39 2.74 -6.27	44.39 2.74 -1.62	46.60 0.81 -33.96	51.02 0.03 -50.77
RAVNSWD 8-11____ 23667	58.11 1.15 -40.49	48.02 1.00 -31.92	47.59 1.16 -29.21	47.27 1.30 -25.66	44.66 0.80 -32.03	47.61 2.40 -12.11	76.23 1.88 -52.32	61.39 1.93 -38.11	119.71 2.58 -88.43	140.51 2.95 -104.97	111.14 2.96 -76.76	121.98 3.88 -77.70	114.90 3.82 -71.74	86.59 4.11 -41.82	49.56 4.59 0.00	48.72 4.18 -4.74	49.64 4.40 0.00	47.30 3.83 0.00	45.97 3.69 0.00	45.13 3.62 0.00	45.01 3.36 -6.27	45.04 3.39 -1.62	46.79 1.00 -33.96	51.03 0.03 -50.77
RENSSELAER___COGEN 23796	67.25 1.16 -49.63	55.15 1.01 -39.04	54.15 1.15 -35.79	53.04 1.37 -31.36	51.91 0.80 -39.27	43.45 2.53 -7.83	85.72 1.41 -62.28	69.15 0.93 -46.87	30.62 1.12 -0.80	34.21 1.62 0.00	34.03 1.46 -1.14	42.46 2.06 0.00	41.41 2.07 0.00	42.47 1.80 0.00	47.39 2.42 0.00	47.85 2.26 -5.79	48.27 3.03 0.00	46.49 3.02 0.00	44.84 2.56 0.00	44.06 2.55 0.00	45.09 2.06 -7.65	44.68 2.67 -1.98	54.02 0.72 -41.48	62.47 0.02 -62.23
ROCHESTER_9_IC 23652	20.53 -0.36 -4.42	18.27 -0.35 -3.51	20.01 -0.40 -3.19	22.83 -0.31 -2.83	15.24 -0.13 -3.53	33.43 -0.35 -0.69	27.10 -0.57 -5.64	25.00 -0.59 -4.24	28.19 -0.59 -0.07	31.90 -0.69 0.00	30.85 -0.68 -0.10	39.44 -0.96 0.00	38.47 -0.87 0.00	39.90 -0.76 0.00	44.25 -0.72 0.00	39.58 -0.75 -0.53	44.94 -0.30 0.00	43.44 -0.03 0.00	42.13 -0.16 0.00	41.32 -0.19 0.00	35.65 -0.44 -0.71	40.02 -0.19 -0.18	15.58 -0.08 -3.84	5.82 -0.01 -5.61
ROSETON___1 23587	57.43 0.63 -40.33	47.38 0.54 -31.74	46.88 0.58 -29.08	46.46 0.65 -25.50	44.13 0.38 -31.92	40.57 1.12 -6.36	73.50 0.87 -50.60	60.37 0.94 -38.08	30.58 1.23 -0.65	34.02 1.43 0.00	33.82 1.47 -0.93	42.45 2.06 0.00	41.44 2.10 0.00	42.97 2.30 0.00	47.26 2.29 0.00	46.55 2.04 -4.70	47.27 2.03 0.00	45.22 1.76 0.00	44.13 1.85 0.00	43.39 1.88 0.00	43.37 1.77 -6.22	43.32 1.68 -1.61	46.08 0.52 -33.73	50.81 0.02 -50.57
ROSETON___2 23588	57.46 0.65 -40.33	47.42 0.58 -31.74	46.94 0.64 -29.08	46.52 0.71 -25.50	44.08 0.40 -31.83	40.59 1.15 -6.34	73.18 0.91 -50.23	60.17 1.01 -37.81	30.68 1.33 -0.65	34.15 1.55 0.00	33.92 1.58 -0.92	42.56 2.16 0.00	41.53 2.18 0.00	43.05 2.39 0.00	47.40 2.43 0.00	46.68 2.17 -4.70	47.41 2.17 0.00	45.35 1.89 0.00	44.22 1.94 0.00	43.45 1.94 0.00	43.43 1.83 -6.22	43.42 1.78 -1.61	46.10 0.54 -33.73	50.81 0.02 -50.57
RUSSELL___STATION 23914	20.18 -0.70 -4.42	17.96 -0.65 -3.51	19.70 -0.71 -3.19	22.56 -0.58 -2.83	15.12 -0.25 -3.53	33.02 -0.76 -0.69	26.65 -1.01 -5.64	24.57 -1.03 -4.24	27.60 -1.17 -0.07	31.25 -1.35 0.00	30.22 -1.31 -0.10	38.62 -1.77 0.00	37.70 -1.64 0.00	39.18 -1.48 0.00	43.42 -1.55 0.00	38.85 -1.48 -0.53	44.25 -0.99 0.00	42.81 -0.66 0.00	41.51 -0.77 0.00	40.71 -0.80 0.00	35.14 -0.95 -0.71	39.47 -0.74 -0.18	15.45 -0.21 -3.83	5.82 -0.01 -5.61
S SALMON___HYD 24043	18.92 -0.24 -2.69	16.88 -0.27 -2.05	18.86 -0.29 -1.93	21.64 -0.30 -1.63	13.73 -0.17 -2.06	33.20 -0.33 -0.44	24.89 -0.32 -1.39	23.32 -0.43 -2.40	28.25 -0.49 -0.04	32.17 -0.43 0.00	30.98 -0.50 -0.06	39.78 -0.61 0.00	38.84 -0.50 0.00	40.03 -0.64 0.00	44.46 -0.51 0.00	39.54 -0.56 -0.29	44.87 -0.37 0.00	43.17 -0.30 0.00	41.76 -0.52 0.00	41.01 -0.50 0.00	35.18 -0.60 -0.40	39.59 -0.54 -0.10	13.76 -0.21 -2.14	3.59 0.00 -3.38
SELKIRK___II 23799	66.34 0.75 -49.13	54.42 0.61 -38.71	53.35 0.70 -35.43	52.27 0.85 -31.11	51.28 0.50 -38.94	42.52 1.69 -7.73	84.69 0.84 -61.83	68.28 0.40 -46.53	29.95 0.45 -0.80	33.46 0.87 0.00	33.31 0.76 -1.13	41.55 1.16 0.00	40.52 1.17 0.00	41.56 0.90 0.00	46.36 1.39 0.00	46.88 1.33 -5.74	47.20 1.96 0.00	45.46 2.00 0.00	43.85 1.57 0.00	43.10 1.59 0.00	44.21 1.23 -7.60	43.71 1.71 -1.97	53.44 0.43 -41.18	61.85 0.03 -61.60
SELKIRK___I 23801	66.25 0.75 -49.03	54.30 0.59 -38.60	53.25 0.67 -35.36	52.15 0.81 -31.02	51.15 0.48 -38.84	42.46 1.64 -7.72	84.48 0.81 -61.64	68.13 0.39 -46.39	29.96 0.46 -0.79	33.51 0.91 0.00	33.38 0.83 -1.13	41.66 1.26 0.00	40.64 1.30 0.00	41.69 1.03 0.00	46.48 1.51 0.00	46.95 1.42 -5.73	47.29 2.05 0.00	45.53 2.06 0.00	43.92 1.63 0.00	43.16 1.65 0.00	44.26 1.30 -7.57	43.75 1.76 -1.96	53.32 0.44 -41.05	61.72 0.03 -61.48
SENECA OSWGO___HYD 24041	19.02 -0.35 -2.90	17.06 -0.33 -2.29	18.94 -0.37 -2.09	21.72 -0.43 -1.84	13.89 -0.25 -2.30	32.90 -0.65 -0.46	25.25 -0.43 -3.66	23.69 -0.42 -2.76	28.24 -0.51 -0.05	32.02 -0.58 0.00	30.89 -0.60 -0.07	39.62 -0.78 0.00	38.58 -0.76 0.00	39.85 -0.81 0.00	44.11 -0.86 0.00	39.32 -0.82 -0.33	44.38 -0.86 0.00	42.63 -0.83 0.00	41.44 -0.85 0.00	40.68 -0.83 0.00	35.05 -0.79 -0.45	39.29 -0.86 -0.12	14.03 -0.26 -2.46	3.87 -0.01 -3.66
SENECA___ENERGY 23797	20.74 -0.58 -4.85	18.41 -0.45 -3.76	20.12 -0.58 -3.49	22.58 -0.73 -3.00	15.22 -0.39 -3.77	32.75 -1.12 -0.78	27.12 -0.82 -5.91	25.27 -0.53 -4.45	28.37 -0.41 -0.08	31.94 -0.65 0.00	30.86 -0.67 -0.11	39.34 -1.05 0.00	38.11 -1.23 0.00	38.68 -1.98 0.00	42.69 -2.28 0.00	38.26 -2.10 -0.56	42.73 -2.51 0.00	41.03 -2.44 0.00	40.08 -2.20 0.00	39.29 -2.22 0.00	34.15 -1.97 -0.74	37.92 -2.30 -0.19	15.30 -0.53 -4.01	6.35 -0.01 -6.13
SHOEMAKER___GT 23640	56.54 0.45 -39.62	46.69 0.40 -31.18	46.23 0.44 -28.57	45.85 0.49 -25.05	43.33 0.30 -31.19	40.13 0.90 -6.13	71.76 0.77 -48.97	59.10 0.90 -36.85	30.52 1.18 -0.63	33.97 1.38 0.00	33.72 1.40 -0.90	42.26 1.86 0.00	41.17 1.83 0.00	42.65 1.99 0.00	46.98 2.01 0.00	46.21 1.79 -4.62	46.97 1.73 0.00	44.88 1.42 0.00	43.76 1.47 0.00	42.96 1.45 0.00	42.92 1.43 -6.11	42.94 1.32 -1.58	45.36 0.40 -33.14	49.90 0.01 -49.67
SHOREHAM_IC_1 23715	57.68 0.72 -40.49	47.78 0.77 -31.92	47.33 0.91 -29.21	47.33 1.08 -25.93	49.42 0.63 -36.95	45.87 1.85 -10.93	76.24 1.30 -52.92	60.95 1.04 -38.56	118.79 1.64 -88.44	139.87 2.31 -104.97	110.62 2.43 -76.77	121.29 3.19 -77.70	114.04 2.96 -71.74	116.87 3.15 -73.05	73.05 3.32 -24.76	54.61 2.91 -11.90	64.08 3.03 -15.81	139.16 2.58 -93.11	117.19 2.57 -72.34	134.86 2.37 -90.97	140.52 2.12 -103.02	111.79 2.15 -69.61	48.12 0.58 -35.72	51.00 0.01 -50.77
SHOREHAM_IC_2 23716	57.68 0.72 -40.49	47.78 0.77 -31.92	47.33 0.91 -29.21	47.33 1.08 -25.93	49.42 0.63 -36.95	45.87 1.85 -10.93	76.24 1.30 -52.92	60.95 1.04 -38.56	118.79 1.64 -88.44	139.87 2.31 -104.97	110.62 2.43 -76.77	121.29 3.19 -77.70	114.04 2.96 -71.74	116.87 3.15 -73.05	73.05 3.32 -24.76	54.61 2.91 -11.90	64.08 3.03 -15.81	139.16 2.58 -93.11	117.19 2.57 -72.34	134.86 2.37 -90.97	140.52 2.12 -103.02	111.79 2.15 -69.61	48.12 0.58 -35.72	51.00 0.01 -50.77

SITHE___BATAVIA 24024	20.94 -0.63 -5.10	18.58 -0.55 -4.03	20.25 -0.65 -3.68	22.85 -0.71 -3.24	15.49 -0.40 -4.05	32.51 -1.38 -0.80	27.69 -0.78 -6.44	25.82 -0.38 -4.85	28.47 -0.32 -0.08	31.92 -0.68 0.00	31.02 -0.52 -0.12	39.52 -0.87 0.00	38.40 -0.94 0.00	39.85 -0.81 0.00	43.74 -1.23 0.00	39.19 -1.22 -0.60	43.83 -1.41 0.00	42.16 -1.30 0.00	41.35 -0.94 0.00	40.48 -1.03 0.00	35.28 -0.91 -0.81	39.09 -1.15 -0.21	15.98 -0.26 -4.42	6.72 0.00 -6.50
SITHE___INDEPEND 23800	18.21 -0.54 -2.29	16.46 -0.49 -1.84	18.32 -0.56 -1.66	21.14 -0.66 -1.49	13.31 -0.38 -1.85	32.33 -1.12 -0.35	24.31 -0.71 -2.99	22.98 -0.62 -2.25	27.95 -0.79 -0.04	31.63 -0.96 0.00	30.55 -0.93 -0.05	39.16 -1.24 0.00	38.12 -1.22 0.00	39.44 -1.22 0.00	43.58 -1.39 0.00	38.83 -1.25 -0.28	43.79 -1.45 0.00	42.05 -1.41 0.00	40.96 -1.33 0.00	40.20 -1.31 0.00	34.62 -1.13 -0.37	38.83 -1.30 -0.10	13.45 -0.37 -2.00	3.09 -0.01 -2.88
SITHE___MASSENA 23902	16.17 -0.19 0.10	14.81 -0.18 0.11	16.94 -0.20 0.08	20.00 -0.22 0.10	11.59 -0.13 0.11	32.81 -0.28 0.01	21.44 -0.37 0.22	20.69 -0.50 0.16	28.11 -0.59 0.00	31.99 -0.61 0.00	30.87 -0.55 0.00	39.71 -0.68 0.00	38.68 -0.67 0.00	39.82 -0.84 0.00	44.15 -0.82 0.00	38.98 -0.80 0.02	44.53 -0.71 0.00	42.95 -0.51 0.00	41.66 -0.62 0.00	40.91 -0.60 0.00	34.73 -0.62 0.03	39.44 -0.58 0.01	11.49 -0.19 0.14	0.09 0.00 0.12
SITHE___OGDNSBRG 24021	16.76 0.30 0.01	15.30 0.21 0.01	17.49 0.28 0.01	20.69 0.39 0.01	12.05 0.22 0.01	34.05 0.96 0.00	22.29 0.27 0.01	21.25 -0.09 0.01	28.72 0.02 0.00	32.88 0.28 0.00	31.65 0.23 0.00	40.79 0.39 0.00	39.73 0.39 0.00	40.74 0.08 0.00	45.41 0.44 0.00	40.03 0.23 0.00	46.02 0.78 0.00	44.49 1.03 0.00	42.91 0.62 0.00	42.19 0.68 0.00	35.66 0.28 0.00	40.67 0.64 0.00	11.93 0.11 0.00	0.23 0.01 0.00
SITHE___STERLING 23777	18.14 0.26 -1.42	16.40 0.19 -1.11	18.47 0.23 -1.02	21.49 0.29 -0.89	13.12 0.17 -1.11	33.97 0.65 -0.23	24.18 0.39 -1.76	22.95 0.27 -1.33	29.13 0.41 -0.02	33.18 0.59 0.00	31.94 0.49 -0.03	41.06 0.67 0.00	39.99 0.65 0.00	41.25 0.59 0.00	45.78 0.81 0.00	40.62 0.65 -0.17	46.17 0.93 0.00	44.39 0.93 0.00	43.03 0.75 0.00	42.28 0.76 0.00	36.13 0.53 -0.22	40.80 0.71 -0.06	13.18 0.17 -1.19	2.01 0.00 -1.79
SOUTH CAIRO___GT 23612	61.74 0.52 -44.75	50.85 0.50 -35.24	50.08 0.59 -32.27	49.32 0.68 -28.33	47.71 0.42 -35.46	41.26 1.12 -7.05	79.10 0.81 -56.26	64.55 0.85 -42.35	30.49 1.06 -0.72	33.74 1.14 0.00	33.53 1.07 -1.03	41.73 1.33 0.00	40.65 1.31 0.00	42.01 1.35 0.00	46.39 1.42 0.00	46.37 1.34 -5.23	46.60 1.36 0.00	44.70 1.23 0.00	43.57 1.29 0.00	42.75 1.23 0.00	43.42 1.12 -6.92	43.05 1.24 -1.79	49.68 0.36 -37.49	56.34 0.01 -56.11
SOUTH HAMPTN___IC 23720	57.68 0.72 -40.49	47.78 0.77 -31.92	47.33 0.91 -29.21	47.33 1.08 -25.93	49.42 0.63 -36.95	45.87 1.85 -10.93	76.24 1.30 -52.92	60.95 1.04 -38.56	118.79 1.64 -88.44	139.87 2.31 -104.97	110.62 2.43 -76.77	121.29 3.19 -77.70	114.04 2.96 -71.74	116.87 3.15 -73.05	73.05 3.32 -24.76	54.61 2.91 -11.90	64.08 3.03 -15.81	139.16 2.58 -93.11	117.19 2.57 -72.34	134.86 2.37 -90.97	140.52 2.12 -103.02	111.79 2.15 -69.61	48.12 0.58 -35.72	51.00 0.01 -50.77
SOUTHOLD___IC 23719	57.68 0.72 -40.49	47.78 0.77 -31.92	47.33 0.91 -29.21	47.33 1.08 -25.93	49.42 0.63 -36.95	45.87 1.85 -10.93	76.24 1.30 -52.92	60.95 1.04 -38.56	118.79 1.64 -88.44	139.87 2.31 -104.97	110.62 2.43 -76.77	121.29 3.19 -77.70	114.04 2.96 -71.74	116.87 3.15 -73.05	73.05 3.32 -24.76	54.61 2.91 -11.90	64.08 3.03 -15.81	139.16 2.58 -93.11	117.19 2.57 -72.34	134.86 2.37 -90.97	140.52 2.12 -103.02	111.79 2.15 -69.61	48.12 0.58 -35.72	51.00 0.01 -50.77
ST LAWRENCE____ 23600	16.06 -0.27 0.14	14.71 -0.24 0.15	16.84 -0.27 0.11	19.87 -0.31 0.13	11.50 -0.18 0.15	32.59 -0.50 0.01	21.32 -0.41 0.29	20.66 -0.47 0.22	28.11 -0.59 0.00	31.93 -0.66 0.00	30.84 -0.58 0.01	39.65 -0.75 0.00	38.61 -0.73 0.00	39.82 -0.85 0.00	44.07 -0.90 0.00	38.93 -0.84 0.03	44.38 -0.86 0.00	42.78 -0.69 0.00	41.56 -0.72 0.00	40.81 -0.70 0.00	34.68 -0.66 0.04	39.35 -0.67 0.01	11.42 -0.21 0.19	0.04 0.00 0.17
STATION 5_MISC_HYD 23604	20.92 0.04 -4.41	18.62 0.03 -3.49	20.37 -0.03 -3.18	23.23 0.11 -2.81	15.47 0.12 -3.52	34.33 0.55 -0.69	27.79 0.15 -5.61	25.89 0.32 -4.22	29.47 0.70 -0.07	33.52 0.92 0.00	32.48 0.95 -0.10	41.66 1.26 0.00	40.65 1.31 0.00	42.22 1.56 0.00	47.01 2.04 0.00	41.93 1.60 -0.52	47.65 2.41 0.00	45.87 2.41 0.00	44.10 1.82 0.00	43.18 1.66 0.00	37.29 1.21 -0.70	41.99 1.78 -0.18	16.00 0.36 -3.81	5.82 0.01 -5.59
STURGEON_POOL_HYD 23609	59.77 0.80 -42.50	49.25 0.70 -33.45	48.65 0.79 -30.65	48.08 0.89 -26.87	46.00 0.53 -33.64	41.28 1.49 -6.70	76.49 1.14 -53.32	62.74 1.25 -40.13	31.07 1.68 -0.69	34.53 1.94 0.00	34.33 1.93 -0.98	42.96 2.56 0.00	41.86 2.52 0.00	43.35 2.69 0.00	47.76 2.79 0.00	47.26 2.50 -4.95	47.83 2.59 0.00	45.76 2.30 0.00	44.61 2.33 0.00	43.81 2.30 0.00	44.05 2.12 -6.56	43.90 2.17 -1.70	48.02 0.65 -35.55	53.52 0.02 -53.28
SYRACUSE___POWER 24017	19.71 -0.31 -3.55	17.59 -0.29 -2.78	19.44 -0.33 -2.56	22.14 -0.39 -2.23	14.41 -0.23 -2.79	33.07 -0.59 -0.56	26.05 -0.39 -4.41	24.32 -0.36 -3.32	28.35 -0.42 -0.06	32.13 -0.47 0.00	31.02 -0.49 -0.08	39.74 -0.66 0.00	38.69 -0.65 0.00	40.00 -0.66 0.00	44.27 -0.70 0.00	39.54 -0.69 -0.42	44.52 -0.72 0.00	42.78 -0.68 0.00	41.60 -0.68 0.00	40.85 -0.66 0.00	35.30 -0.63 -0.55	39.48 -0.69 -0.14	14.60 -0.21 -2.98	4.69 -0.01 -4.48
Stony___Brook 24151	57.82 0.86 -40.49	47.88 0.86 -31.92	47.45 1.02 -29.21	47.46 1.22 -25.93	49.50 0.71 -36.95	46.08 2.05 -10.93	76.39 1.44 -52.92	61.11 1.20 -38.56	118.93 1.79 -88.44	140.02 2.45 -104.97	110.77 2.57 -76.77	121.48 3.38 -77.70	114.22 3.14 -71.74	117.08 3.37 -73.05	73.28 3.55 -24.76	54.82 3.12 -11.90	64.33 3.28 -15.81	139.39 2.82 -93.11	117.45 2.82 -72.34	135.10 2.62 -90.97	140.77 2.37 -103.02	112.10 2.47 -69.61	48.24 0.70 -35.72	51.00 0.02 -50.77
UPPER HUDSON___HYD 24058	68.55 1.46 -50.62	56.35 1.34 -39.90	55.36 1.62 -36.51	54.39 1.99 -32.08	53.17 1.18 -40.15	44.63 3.57 -7.96	87.69 1.90 -63.77	70.57 1.22 -47.99	31.00 1.48 -0.82	34.29 1.69 0.00	33.89 1.30 -1.17	42.20 1.80 0.00	40.64 1.29 0.00	41.57 0.91 0.00	46.51 1.54 0.00	47.84 2.11 -5.92	48.44 3.20 0.00	46.76 3.30 0.00	45.11 2.82 0.00	44.17 2.66 0.00	45.29 2.07 -7.84	45.11 3.05 -2.03	55.22 0.93 -42.47	63.72 0.03 -63.47
UPPER RAQUET___HYD 24056	16.00 -0.55 -0.09	14.65 -0.54 -0.10	16.69 -0.59 -0.07	19.74 -0.65 -0.09	11.55 -0.39 -0.10	32.27 -0.84 -0.01	21.31 -0.91 -0.19	20.35 -1.14 -0.15	27.34 -1.37 0.00	31.26 -1.34 0.00	30.15 -1.27 0.00	38.85 -1.54 0.00	37.85 -1.50 0.00	38.80 -1.86 0.00	43.18 -1.79 0.00	38.11 -1.71 -0.02	43.70 -1.54 0.00	42.22 -1.25 0.00	40.79 -1.50 0.00	40.09 -1.42 0.00	33.97 -1.43 -0.02	38.65 -1.38 -0.01	11.49 -0.47 -0.13	0.33 -0.01 -0.12
US___GYPSUM 23809	20.81 -0.82 -5.17	18.49 -0.73 -4.11	20.12 -0.83 -3.73	22.70 -0.93 -3.31	15.44 -0.53 -4.13	32.10 -1.80 -0.80	27.58 -1.05 -6.60	25.74 -0.57 -4.97	28.22 -0.57 -0.08	31.49 -1.10 0.00	30.62 -0.93 -0.12	38.91 -1.49 0.00	37.78 -1.56 0.00	39.26 -1.40 0.00	43.03 -1.94 0.00	38.55 -1.86 -0.62	43.03 -2.21 0.00	41.39 -2.07 0.00	40.69 -1.59 0.00	39.83 -1.69 0.00	34.71 -1.50 -0.84	38.39 -1.86 -0.22	15.91 -0.44 -4.53	7.18 -0.01 -6.97

VISCHER___FERRY HYD 24020	67.67 1.35 -49.85	55.57 1.20 -39.27	54.57 1.40 -35.95	53.56 1.68 -31.57	52.33 0.97 -39.52	43.91 2.97 -7.85	86.44 1.67 -62.75	69.65 1.07 -47.22	30.69 1.18 -0.81	34.20 1.60 0.00	33.95 1.37 -1.15	42.35 1.95 0.00	41.31 1.97 0.00	42.33 1.67 0.00	47.37 2.40 0.00	48.01 2.37 -5.83	48.42 3.18 0.00	46.65 3.18 0.00	44.98 2.70 0.00	44.16 2.65 0.00	45.19 2.10 -7.71	44.84 2.82 -2.00	54.40 0.78 -41.79	62.73 0.01 -62.50
WADING RIVER_1-3_GRP5 24038	57.38 0.42 -40.49	47.63 0.61 -31.92	47.17 0.74 -29.21	47.13 0.89 -25.93	49.31 0.52 -36.95	45.57 1.54 -10.93	76.03 1.09 -52.92	60.77 0.85 -38.56	118.76 1.62 -88.44	139.91 2.34 -104.97	110.65 2.46 -76.77	121.33 3.24 -77.70	114.08 3.00 -71.74	116.92 3.21 -73.05	73.11 3.38 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.63 -72.34	134.92 2.43 -90.97	140.35 1.95 -103.02	111.44 1.80 -69.61	47.96 0.41 -35.72	50.99 0.01 -50.77
WADING RIVER_IC_1 23522	57.38 0.42 -40.49	47.63 0.61 -31.92	47.17 0.74 -29.21	47.13 0.89 -25.93	49.31 0.52 -36.95	45.57 1.54 -10.93	76.03 1.09 -52.92	60.77 0.85 -38.56	118.76 1.62 -88.44	139.91 2.34 -104.97	110.65 2.46 -76.77	121.33 3.24 -77.70	114.08 3.00 -71.74	116.92 3.21 -73.05	73.11 3.38 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.63 -72.34	134.92 2.43 -90.97	140.35 1.95 -103.02	111.44 1.80 -69.61	47.96 0.41 -35.72	50.99 0.01 -50.77
WADING RIVER_IC_2 23547	57.38 0.42 -40.49	47.63 0.61 -31.92	47.17 0.74 -29.21	47.13 0.89 -25.93	49.31 0.52 -36.95	45.57 1.54 -10.93	76.03 1.09 -52.92	60.77 0.85 -38.56	118.76 1.62 -88.44	139.91 2.34 -104.97	110.65 2.46 -76.77	121.33 3.24 -77.70	114.08 3.00 -71.74	116.92 3.21 -73.05	73.11 3.38 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.63 -72.34	134.92 2.43 -90.97	140.35 1.95 -103.02	111.44 1.80 -69.61	47.96 0.41 -35.72	50.99 0.01 -50.77
WADING RIVER_IC_3 23601	57.69 0.73 -40.49	47.79 0.77 -31.92	47.34 0.91 -29.21	47.33 1.09 -25.93	49.43 0.64 -36.95	45.89 1.87 -10.93	76.25 1.31 -52.92	60.98 1.07 -38.56	118.82 1.68 -88.44	139.90 2.34 -104.97	110.65 2.45 -76.77	121.33 3.23 -77.70	114.08 3.00 -71.74	116.92 3.21 -73.05	73.11 3.38 -24.76	54.66 2.96 -11.90	64.14 3.09 -15.81	139.21 2.64 -93.11	117.25 2.63 -72.34	134.92 2.43 -90.97	140.57 2.17 -103.02	111.84 2.20 -69.61	48.14 0.59 -35.72	51.00 0.01 -50.77
WALDEN___HYDRO 24148	57.50 0.63 -40.40	47.45 0.53 -31.82	46.95 0.59 -29.14	46.54 0.66 -25.57	44.18 0.37 -31.96	40.50 1.05 -6.36	73.48 0.85 -50.59	60.44 1.01 -38.08	30.72 1.37 -0.65	34.20 1.61 0.00	33.98 1.63 -0.93	42.60 2.20 0.00	41.53 2.19 0.00	43.08 2.42 0.00	47.48 2.51 0.00	46.75 2.24 -4.71	47.50 2.26 0.00	45.42 1.95 0.00	44.27 1.99 0.00	43.49 1.97 0.00	43.49 1.87 -6.24	43.47 1.82 -1.62	46.21 0.55 -33.83	50.90 0.02 -50.66
WATERSIDE___6 8 9 23538	58.11 1.15 -40.49	48.02 1.00 -31.92	47.59 1.16 -29.21	47.27 1.30 -25.66	44.80 0.80 -32.17	47.71 2.40 -12.21	76.83 1.88 -52.93	61.85 1.94 -38.56	119.73 2.58 -88.44	140.52 2.96 -104.97	111.16 2.96 -76.77	121.98 3.88 -77.70	114.90 3.82 -71.74	86.59 4.11 -41.82	49.57 4.60 0.00	48.72 4.19 -4.74	49.65 4.41 0.00	47.30 3.84 0.00	45.98 3.70 0.00	45.14 3.62 0.00	45.02 3.37 -6.27	45.05 3.40 -1.62	46.79 1.01 -33.96	51.03 0.03 -50.77
WATERTOWN___HYD 23805	17.79 -0.17 -1.50	16.04 -0.26 -1.20	18.05 -0.26 -1.08	21.03 -0.25 -0.97	12.91 -0.13 -1.20	33.43 0.10 -0.23	23.77 -0.19 -1.93	22.24 -0.57 -1.46	28.10 -0.63 -0.02	32.27 -0.33 0.00	30.95 -0.51 -0.04	39.89 -0.51 0.00	39.00 -0.34 0.00	39.92 -0.74 0.00	44.66 -0.31 0.00	39.52 -0.46 -0.18	45.33 0.10 0.00	43.71 0.24 0.00	42.05 -0.24 0.00	41.38 -0.13 0.00	35.14 -0.48 -0.24	39.89 -0.20 -0.06	12.95 -0.18 -1.30	2.11 -0.01 -1.89
WEST BABYLON___IC 23714	58.03 1.07 -40.49	47.94 0.92 -31.92	47.47 1.05 -29.21	47.45 1.21 -25.93	49.51 0.72 -36.95	46.17 2.15 -10.93	76.56 1.62 -52.92	61.57 1.66 -38.56	119.40 2.26 -88.44	140.24 2.68 -104.97	110.99 2.80 -76.77	121.67 3.58 -77.70	114.66 3.59 -71.74	117.58 3.87 -73.05	73.99 4.26 -24.76	55.52 3.82 -11.90	65.06 4.01 -15.81	140.11 3.53 -93.11	118.07 3.45 -72.34	135.85 3.37 -90.97	141.50 3.09 -103.02	112.80 3.16 -69.61	48.46 0.91 -35.72	51.01 0.03 -50.77
WEST CANADA___HYD 24049	16.04 0.13 0.56	14.83 0.12 0.39	16.96 0.13 0.39	20.17 0.15 0.30	11.54 0.08 0.38	33.22 0.22 0.10	21.66 0.18 0.55	21.12 0.18 0.41	28.91 0.22 0.01	32.84 0.24 0.00	31.64 0.23 0.01	40.69 0.30 0.00	39.63 0.29 0.00	40.97 0.31 0.00	45.31 0.34 0.00	40.08 0.33 0.05	45.58 0.34 0.00	43.76 0.30 0.00	42.58 0.30 0.00	41.80 0.29 0.00	35.59 0.28 0.07	40.31 0.29 0.02	11.55 0.09 0.36	-0.47 0.00 0.69
WESTERN_NY_WIND 24143	20.97 -0.63 -5.13	18.62 -0.55 -4.07	20.27 -0.65 -3.70	22.88 -0.71 -3.28	15.53 -0.40 -4.09	32.51 -1.38 -0.80	27.77 -0.78 -6.52	25.88 -0.38 -4.91	28.47 -0.32 -0.08	31.92 -0.68 0.00	31.02 -0.52 -0.12	39.52 -0.87 0.00	38.40 -0.94 0.00	39.85 -0.81 0.00	43.74 -1.23 0.00	39.19 -1.22 -0.61	43.83 -1.41 0.00	42.16 -1.30 0.00	41.35 -0.94 0.00	40.48 -1.03 0.00	35.29 -0.91 -0.83	39.09 -1.15 -0.21	16.04 -0.26 -4.48	6.76 0.00 -6.55
YORK___WARBASSE 23770	58.18 1.22 -40.49	48.08 1.06 -31.92	47.67 1.24 -29.21	47.36 1.38 -25.66	44.85 0.84 -32.17	47.85 2.55 -12.21	76.93 1.98 -52.93	61.96 2.04 -38.56	119.90 2.75 -88.44	140.74 3.18 -104.97	111.38 3.18 -76.77	122.26 4.17 -77.70	115.14 4.06 -71.74	86.84 4.37 -41.82	49.82 4.85 0.00	48.95 4.41 -4.74	49.93 4.69 0.00	47.57 4.11 0.00	46.23 3.95 0.00	45.37 3.86 0.00	45.22 3.58 -6.27	45.29 3.64 -1.62	46.85 1.06 -33.96	51.03 0.04 -50.77