

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Generator Data

10/05/2014

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	44.43	16.40	15.68	4.30	4.88	14.58	18.61	13.96	19.04	22.62	32.83	19.76	18.05	21.42	15.96	14.26	16.55	36.73	32.68	91.09	20.34	16.17	16.13	18.08
24138	0.17	0.18	0.16	0.19	0.22	0.08	0.04	0.15	0.24	0.47	0.28	0.48	0.58	0.61	0.77	0.70	0.79	0.63	0.83	4.30	1.01	0.80	0.78	0.66
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.90	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
74TH STREET_GT_1	44.43	16.40	15.68	4.31	4.88	14.58	18.61	13.97	19.05	22.63	32.84	19.76	18.05	21.43	15.97	14.27	16.55	36.73	32.69	91.12	20.35	16.18	16.15	18.09
24260	0.18	0.18	0.16	0.19	0.22	0.08	0.04	0.15	0.24	0.48	0.29	0.49	0.58	0.61	0.77	0.71	0.80	0.64	0.84	4.33	1.02	0.81	0.79	0.67
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
74TH STREET_GT_2	44.43	16.40	15.68	4.31	4.88	14.58	18.61	13.97	19.05	22.63	32.84	19.76	18.05	21.43	15.97	14.27	16.55	36.73	32.69	91.12	20.35	16.18	16.15	18.09
24261	0.18	0.18	0.16	0.19	0.22	0.08	0.04	0.15	0.24	0.48	0.29	0.49	0.58	0.61	0.77	0.71	0.80	0.64	0.84	4.33	1.02	0.81	0.79	0.67
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
ADK HUDSON___FALLS	56.42	20.11	19.18	4.37	4.99	18.27	23.66	17.10	23.16	26.58	40.63	22.70	19.90	24.12	16.05	14.30	16.76	43.71	37.54	94.30	20.72	16.45	16.40	19.56
24011	0.20	0.22	0.21	0.25	0.29	0.11	0.06	0.20	0.36	0.68	0.40	0.65	0.74	0.76	0.85	0.74	1.00	0.85	1.11	5.77	1.39	1.08	1.03	0.88
	-53.00	-16.34	-15.51	0.00	-0.19	-16.49	-22.65	-13.82	-18.00	-16.85	-34.60	-12.46	-7.46	-11.26	0.00	0.00	0.00	-29.95	-20.23	-7.67	0.00	0.00	-0.07	-5.56
ADK RESOURCE___RCVRY	55.56	19.86	18.97	4.37	4.99	18.04	23.35	16.90	22.91	26.34	40.17	22.55	19.83	24.03	16.17	14.39	16.83	43.27	37.12	93.39	20.54	16.33	16.34	19.49
23798	0.20	0.22	0.22	0.25	0.29	0.10	0.06	0.20	0.35	0.68	0.42	0.67	0.80	0.85	0.98	0.83	1.07	0.89	1.02	4.99	1.21	0.95	0.97	0.90
	-52.14	-16.09	-15.30	0.00	-0.18	-16.26	-22.34	-13.63	-17.76	-16.62	-34.12	-12.28	-7.34	-11.08	0.00	0.00	0.00	-29.46	-19.90	-7.55	0.00	0.00	-0.07	-5.47
ADK S GLENS___FALLS	56.42	20.11	19.18	4.37	4.99	18.27	23.66	17.10	23.16	26.58	40.63	22.70	19.90	24.12	16.05	14.30	16.76	43.71	37.54	94.30	20.72	16.45	16.40	19.56
24028	0.20	0.22	0.21	0.25	0.29	0.11	0.06	0.20	0.36	0.68	0.40	0.65	0.74	0.76	0.85	0.74	1.00	0.85	1.11	5.77	1.39	1.08	1.03	0.88
	-53.00	-16.34	-15.51	0.00	-0.19	-16.49	-22.65	-13.82	-18.00	-16.85	-34.60	-12.46	-7.46	-11.26	0.00	0.00	0.00	-29.95	-20.23	-7.67	0.00	0.00	-0.07	-5.56
ADK_NYS___DAM	55.32	19.73	18.85	4.27	4.88	17.96	23.26	16.79	22.71	26.02	39.92	22.28	19.54	23.70	15.84	14.10	16.44	42.86	36.68	91.45	20.10	15.98	15.98	19.13
23527	0.12	0.14	0.14	0.15	0.18	0.07	0.04	0.13	0.21	0.41	0.26	0.43	0.53	0.56	0.64	0.54	0.68	0.57	0.65	3.07	0.76	0.61	0.61	0.56
	-51.97	-16.04	-15.26	0.00	-0.18	-16.22	-22.28	-13.59	-17.71	-16.57	-34.03	-12.25	-7.32	-11.04	0.00	0.00	0.00	-29.37	-19.84	-7.52	0.00	0.00	-0.07	-5.45
AIR_PRODUCTS___DRP	55.21	19.61	18.74	4.17	4.77	17.91	23.23	16.70	22.55	25.70	39.71	21.95	19.14	23.23	15.29	13.64	15.88	42.39	36.16	88.97	19.45	15.46	15.50	18.69
24190	0.02	0.03	0.03	0.05	0.06	0.03	0.01	0.04	0.05	0.09	0.05	0.11	0.13	0.09	0.10	0.08	0.12	0.11	0.12	0.60	0.12	0.09	0.13	0.12
	-51.96	-16.04	-15.25	0.00	-0.18	-16.21	-22.27	-13.59	-17.70	-16.57	-34.02	-12.24	-7.32	-11.04	0.00	0.00	0.00	-29.36	-19.83	-7.52	0.00	0.00	-0.07	-5.45
ALBANY___1	55.21	19.61	18.74	4.17	4.77	17.91	23.23	16.70	22.55	25.70	39.71	21.95	19.14	23.23	15.29	13.64	15.88	42.39	36.16	88.97	19.45	15.46	15.50	18.69
23571	0.02	0.03	0.03	0.05	0.06	0.03	0.01	0.04	0.05	0.09	0.05	0.11	0.13	0.09	0.10	0.08	0.12	0.11	0.12	0.60	0.12	0.09	0.13	0.12
	-51.96	-16.04	-15.25	0.00	-0.18	-16.21	-22.27	-13.59	-17.70	-16.57	-34.02	-12.24	-7.32	-11.04	0.00	0.00	0.00	-29.36	-19.83	-7.52	0.00	0.00	-0.07	-5.45
ALBANY___2	55.21	19.61	18.74	4.17	4.77	17.91	23.23	16.70	22.55	25.70	39.71	21.95	19.14	23.23	15.29	13.64	15.88	42.39	36.16	88.97	19.45	15.46	15.50	18.69
23572	0.02	0.03	0.03	0.05	0.06	0.03	0.01	0.04	0.05	0.09	0.05	0.11	0.13	0.09	0.10	0.08	0.12	0.11	0.12	0.60	0.12	0.09	0.13	0.12
	-51.96	-16.04	-15.25	0.00	-0.18	-16.21	-22.27	-13.59	-17.70	-16.57	-34.02	-12.24	-7.32	-11.04	0.00	0.00	0.00	-29.36	-19.83	-7.52	0.00	0.00	-0.07	-5.45
ALBANY___3	55.21	19.61	18.74	4.17	4.77	17.91	23.23	16.70	22.55	25.70	39.71	21.95	19.14	23.23	15.29	13.64	15.88	42.39	36.16	88.97	19.45	15.46	15.50	18.69
23573	0.02	0.03	0.03	0.05	0.06	0.03	0.01	0.04	0.05	0.09	0.05	0.11	0.13	0.09	0.10	0.08	0.12	0.11	0.12	0.60	0.12	0.09	0.13	0.12
	-51.96	-16.04	-15.25	0.00	-0.18	-16.21	-22.27	-13.59	-17.70	-16.57	-34.02	-12.24	-7.32	-11.04	0.00	0.00	0.00	-29.36	-19.83	-7.52	0.00	0.00	-0.07	-5.45
ALBANY___4	55.21	19.61	18.74	4.17	4.77	17.91	23.23	16.70	22.55	25.70	39.71	21.95	19.14	23.23	15.29	13.64	15.88	42.39	36.16	88.97	19.45	15.46	15.50	18.69
23574	0.02	0.03	0.03	0.05	0.06	0.03	0.01	0.04	0.05	0.09	0.05	0.11	0.13	0.09	0.10	0.08	0.12	0.11	0.12	0.60	0.12	0.09	0.13	0.12
	-51.96	-16.04	-15.25	0.00	-0.18	-16.21	-22.27	-13.59	-17.70	-16.57	-34.02	-12.24	-7.32	-11.04	0.00	0.00	0.00	-29.36	-19.83	-7.52	0.00	0.00	-0.07	-5.45
ALBANY___LFGE	55.83	19.83	18.93	4.21	4.82	18.08	23.45	16.87	22.78	25.99	40.11	22.20	19.38	23.53	15.51	13.83	16.11	42.91	36.62	90.27	19.74	15.68	15.70	18.92
323615	0.06	0.07	0.07	0.09	0.11	0.04	0.03	0.08	0.11	0.22	0.13	0.24	0.29	0.27	0.32	0.27	0.35	0.30	0.37	1.81	0.40	0.31	0.33	0.29



	-52.54	-16.21	-15.40	0.00	-0.18	-16.37	-22.48	-13.72	-17.87	-16.73	-34.34	-12.36	-7.40	-11.17	0.00	0.00	0.00	-29.69	-20.06	-7.61	0.00	0.00	-0.07	-5.51
ALCOA_RYNLDS___DRP 24188	1.36 -0.40 1.47	2.68 -0.44 0.43	2.66 -0.43 0.36	3.56 -0.56 0.00	3.92 -0.59 0.00	1.12 -0.16 0.39	0.32 -0.09 0.53	-2.72 -0.49 5.29	-37.74 -0.59 41.94	-78.37 -1.14 86.29	-80.01 -0.71 84.94	-65.54 -1.19 73.95	-56.73 -1.47 66.95	-80.11 -1.73 90.47	-80.12 -2.09 93.22	-75.10 -1.92 86.74	-74.14 -2.23 87.67	-13.70 -1.82 24.80	-59.55 -2.37 73.37	-12.43 -11.18 82.11	16.97 -2.37 0.00	13.59 -1.78 0.00	13.86 -1.44 0.00	11.95 -1.01 0.15
ALCOA___DSASP 323711	1.36 -0.40 1.47	2.68 -0.44 0.43	2.66 -0.43 0.36	3.56 -0.56 0.00	3.92 -0.59 0.00	1.12 -0.16 0.39	0.32 -0.09 0.53	-2.72 -0.49 5.29	-37.74 -0.59 41.94	-78.37 -1.14 86.29	-80.01 -0.71 84.94	-65.54 -1.19 73.95	-56.73 -1.47 66.95	-80.11 -1.73 90.47	-80.12 -2.09 93.22	-75.10 -1.92 86.74	-74.14 -2.23 87.67	-13.70 -1.82 24.80	-59.55 -2.37 73.37	-12.43 -11.18 82.11	16.97 -2.37 0.00	13.59 -1.78 0.00	13.86 -1.44 0.00	11.95 -1.01 0.15
ALLEGHENY___COGEN 23514	6.55 0.00 -3.32	4.53 0.01 -0.97	4.30 0.03 -0.82	4.19 0.08 0.00	4.57 0.04 -0.01	2.55 0.00 -0.87	2.15 0.01 -1.19	3.84 0.04 -0.73	5.77 0.02 -0.95	9.97 0.04 -0.89	7.50 0.04 -1.82	10.33 0.06 -0.67	12.21 0.05 -0.47	12.86 0.06 -0.71	15.29 0.09 0.00	13.68 0.12 0.00	15.85 0.09 0.00	14.86 0.07 -1.87	20.11 0.08 -3.83	120.20 0.45 -38.89	19.52 0.18 0.00	15.53 0.15 0.00	15.45 0.14 0.00	13.47 0.00 -0.35
ALTONA_WT_PWR 323606	1.29 -0.38 1.56	2.65 -0.44 0.46	2.65 -0.42 0.39	3.58 -0.54 0.00	3.95 -0.56 0.00	1.11 -0.15 0.41	0.30 -0.08 0.57	-2.71 -0.47 5.31	-37.72 -0.55 41.97	-78.27 -1.01 86.31	-79.96 -0.61 84.99	-65.43 -1.06 73.97	-56.58 -1.31 66.96	-79.91 -1.51 90.50	-79.90 -1.87 93.22	-74.91 -1.73 86.74	-73.89 -1.98 87.67	-13.58 -1.65 24.85	-59.27 -2.06 73.41	-17.81 -10.36 88.31	17.19 -2.15 0.00	13.70 -1.67 0.00	13.92 -1.38 0.00	11.96 -0.99 0.16
AMERICAN_REF_FUEL 24010	5.87 -0.23 -2.88	4.17 -0.21 -0.84	4.01 -0.16 -0.71	4.00 -0.12 0.00	4.32 -0.21 -0.01	2.33 -0.10 -0.76	1.92 -0.06 -1.03	3.53 -0.17 -0.63	5.19 -0.43 -0.82	8.97 -0.84 -0.77	6.69 -0.53 -1.58	9.28 -0.90 -0.58	10.97 -1.13 -0.41	11.55 -1.16 -0.61	13.76 -1.43 0.00	12.31 -1.25 0.00	14.19 -1.57 0.00	13.22 -1.32 -1.63	13.42 -1.76 1.02	75.59 -8.99 -3.72	17.30 -2.03 0.00	13.94 -1.44 0.00	14.09 -1.22 0.00	12.33 -1.09 -0.30
ARTHUR_KILL_GT_1 23520	44.43 0.18 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.59 0.44 -13.10	32.80 0.26 -26.91	19.70 0.42 -9.68	17.97 0.50 -5.78	21.34 0.52 -8.72	15.86 0.67 0.00	14.16 0.60 0.00	16.44 0.69 0.00	36.64 0.54 -23.18	32.57 0.71 -15.66	90.53 3.73 -5.94	20.25 0.91 0.00	16.11 0.74 0.00	16.05 0.70 -0.05	18.03 0.61 -4.30
ARTHUR_KILL_2 23512	44.43 0.18 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.59 0.44 -13.10	32.80 0.26 -26.91	19.70 0.42 -9.68	17.97 0.50 -5.78	21.34 0.52 -8.72	15.86 0.67 0.00	14.16 0.60 0.00	16.44 0.69 0.00	36.64 0.54 -23.18	32.57 0.71 -15.66	90.53 3.73 -5.94	20.25 0.91 0.00	16.11 0.74 0.00	16.05 0.70 -0.05	18.03 0.61 -4.30
ARTHUR_KILL_3 23513	44.41 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.08 -12.82	18.60 0.04 -17.61	13.95 0.14 -10.75	19.02 0.22 -14.00	22.59 0.44 -13.10	32.81 0.27 -26.91	19.72 0.44 -9.68	18.00 0.53 -5.78	21.37 0.56 -8.72	15.90 0.70 0.00	14.20 0.64 0.00	16.48 0.73 0.00	36.67 0.57 -23.18	32.61 0.75 -15.66	90.74 3.94 -5.94	20.26 0.92 0.00	16.12 0.74 0.00	16.08 0.73 -0.05	18.03 0.62 -4.30
ASHOKAN____ 23654	48.24 0.16 -44.86	17.57 0.16 -13.87	16.82 0.14 -13.23	4.26 0.14 0.00	4.85 0.17 -0.16	15.80 0.07 -14.06	20.31 0.05 -19.32	14.99 0.13 -11.79	20.41 0.26 -15.36	23.94 0.52 -14.37	35.47 0.32 -29.51	20.76 0.55 -10.62	18.64 0.62 -6.34	22.28 0.65 -9.53	15.99 0.79 0.00	14.26 0.71 0.00	16.59 0.83 0.00	38.98 0.71 -25.35	34.29 0.98 -17.12	92.61 5.26 -6.49	20.43 1.09 0.00	16.13 0.76 0.00	16.04 0.68 -0.06	18.27 0.56 -4.59
ASTORIA_EAST_ENERGY_CC1 323581	42.55 0.16 -39.17	14.93 0.15 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.14 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.79 0.25 -26.90	19.70 0.42 -9.68	17.99 0.52 -5.77	21.36 0.55 -8.72	15.89 0.69 0.00	14.20 0.64 0.00	16.47 0.71 0.00	36.65 0.55 -23.18	32.60 0.74 -15.66	90.61 3.81 -5.94	20.30 0.96 0.00	16.12 0.75 0.00	16.07 0.72 -0.05	18.05 0.63 -4.30
ASTORIA_EAST_ENERGY_CC2 323582	42.55 0.16 -39.17	14.93 0.15 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.14 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.79 0.25 -26.90	19.70 0.42 -9.68	17.99 0.52 -5.77	21.36 0.55 -8.72	15.89 0.69 0.00	14.20 0.64 0.00	16.47 0.71 0.00	36.65 0.55 -23.18	32.60 0.74 -15.66	90.61 3.81 -5.94	20.30 0.96 0.00	16.14 0.77 0.00	16.09 0.73 -0.05	18.06 0.64 -4.30
ASTORIA_GT2_1 24094	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.13 0.76 0.00	16.08 0.72 -0.05	18.06 0.64 -4.30
ASTORIA_GT2_2 24095	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.13 0.76 0.00	16.08 0.72 -0.05	18.06 0.64 -4.30
ASTORIA_GT2_3 24096	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.13 0.76 0.00	16.08 0.72 -0.05	18.06 0.64 -4.30
ASTORIA_GT2_4 24097	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.13 0.76 0.00	16.08 0.72 -0.05	18.06 0.64 -4.30
ASTORIA_GT3_1 24098	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30



ASTORIA_GT3_2 24099	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA_GT3_3 24100	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA_GT3_4 24101	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA_GT4_1 24102	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA_GT4_2 24103	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA_GT4_3 24104	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA_GT4_4 24105	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA_GT_1 23523	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA_GT_10 24110	44.43 0.18 -41.03	16.40 0.19 -12.67	15.68 0.17 -12.06	4.31 0.19 0.00	4.89 0.22 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.44 0.62 -8.72	15.98 0.79 0.00	14.27 0.71 0.00	16.54 0.78 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	90.92 4.12 -5.94	20.33 1.00 0.00	16.19 0.81 0.00	16.16 0.80 -0.05	18.11 0.69 -4.30
ASTORIA_GT_11 24225	44.43 0.18 -41.03	16.40 0.19 -12.67	15.68 0.17 -12.06	4.31 0.19 0.00	4.89 0.22 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.44 0.62 -8.72	15.98 0.79 0.00	14.27 0.71 0.00	16.54 0.78 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	90.92 4.12 -5.94	20.33 1.00 0.00	16.19 0.81 0.00	16.16 0.80 -0.05	18.11 0.69 -4.30
ASTORIA_GT_12 24226	44.43 0.18 -41.03	16.40 0.19 -12.67	15.68 0.17 -12.06	4.31 0.19 0.00	4.89 0.22 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.44 0.62 -8.72	15.98 0.79 0.00	14.27 0.71 0.00	16.54 0.78 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	90.92 4.12 -5.94	20.33 1.00 0.00	16.19 0.81 0.00	16.16 0.80 -0.05	18.11 0.69 -4.30
ASTORIA_GT_13 24227	44.43 0.18 -41.03	16.40 0.19 -12.67	15.68 0.17 -12.06	4.31 0.19 0.00	4.89 0.22 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.44 0.62 -8.72	15.98 0.79 0.00	14.27 0.71 0.00	16.54 0.78 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	90.92 4.12 -5.94	20.33 1.00 0.00	16.19 0.81 0.00	16.16 0.80 -0.05	18.11 0.69 -4.30
ASTORIA_GT_5 24106	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA_GT_7 24107	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA_GT_8 24108	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA___2 24149	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.06 0.65 -4.30
ASTORIA___3 23516	44.43 0.18 -41.03	16.40 0.19 -12.67	15.68 0.17 -12.06	4.31 0.19 0.00	4.89 0.22 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.44 0.62 -8.72	15.98 0.79 0.00	14.27 0.71 0.00	16.54 0.78 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	90.92 4.12 -5.94	20.33 1.00 0.00	16.19 0.81 0.00	16.16 0.80 -0.05	18.11 0.69 -4.30



ASTORIA___4 23517	42.55 0.16 -39.17	14.93 0.16 -11.22	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.20 -0.14	14.57 0.07 -12.82	18.60 0.05 -17.61	13.95 0.13 -10.75	19.01 0.21 -14.00	22.56 0.41 -13.10	32.80 0.25 -26.90	19.71 0.43 -9.68	18.00 0.53 -5.77	21.36 0.55 -8.72	15.89 0.70 0.00	14.20 0.65 0.00	16.47 0.72 0.00	36.65 0.56 -23.18	32.61 0.75 -15.66	90.65 3.85 -5.94	20.30 0.97 0.00	16.14 0.76 0.00	16.09 0.73 -0.05	18.06 0.64 -4.30
ASTORIA___5 23518	44.43 0.18 -41.03	16.40 0.19 -12.67	15.68 0.17 -12.06	4.31 0.19 0.00	4.89 0.22 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.62 -8.72	15.98 0.79 0.00	14.27 0.71 0.00	16.54 0.78 0.00	36.72 0.62 -23.18	32.66 0.81 -15.66	90.92 4.12 -5.94	20.33 1.00 0.00	16.19 0.81 0.00	16.16 0.80 -0.05	18.11 0.69 -4.30
AST_ENERGY_2_CC3 323677	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.29 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.60 0.45 -13.10	32.82 0.27 -26.91	19.73 0.45 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.92 0.73 0.00	14.23 0.67 0.00	16.50 0.74 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.29 0.96 0.00	16.14 0.76 0.00	16.10 0.75 -0.05	18.06 0.64 -4.30
AST_ENERGY_2_CC4 323678	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.29 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.60 0.45 -13.10	32.82 0.27 -26.91	19.73 0.45 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.92 0.73 0.00	14.23 0.67 0.00	16.50 0.74 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.29 0.96 0.00	16.14 0.76 0.00	16.10 0.75 -0.05	18.06 0.64 -4.30
ATHENS_STG_1 23668	51.18 0.10 -47.85	18.52 0.11 -14.86	17.86 0.11 -14.30	4.23 0.12 0.00	4.83 0.14 -0.17	16.92 0.05 -15.19	21.85 0.03 -20.87	15.90 0.10 -12.74	21.53 0.14 -16.59	24.86 0.29 -15.53	37.70 0.17 -31.88	21.34 0.30 -11.45	18.78 0.35 -6.74	22.63 0.37 -10.17	15.64 0.45 0.00	13.96 0.40 0.00	16.22 0.47 0.00	40.34 0.39 -27.04	34.95 0.48 -18.26	90.24 2.45 -6.93	19.89 0.55 0.00	15.81 0.43 0.00	15.81 0.44 -0.06	18.54 0.41 -5.01
ATHENS_STG_2 23670	51.18 0.10 -47.85	18.52 0.11 -14.86	17.86 0.11 -14.30	4.23 0.12 0.00	4.83 0.14 -0.17	16.92 0.05 -15.19	21.85 0.03 -20.87	15.90 0.10 -12.74	21.53 0.14 -16.59	24.86 0.29 -15.53	37.70 0.17 -31.88	21.34 0.30 -11.45	18.78 0.35 -6.74	22.63 0.37 -10.17	15.64 0.45 0.00	13.96 0.40 0.00	16.22 0.47 0.00	40.34 0.39 -27.04	34.95 0.48 -18.26	90.24 2.45 -6.93	19.89 0.55 0.00	15.81 0.43 0.00	15.81 0.44 -0.06	18.54 0.41 -5.01
ATHENS_STG_3 23677	51.18 0.10 -47.85	18.52 0.11 -14.86	17.86 0.11 -14.30	4.23 0.12 0.00	4.83 0.14 -0.17	16.92 0.05 -15.19	21.85 0.03 -20.87	15.90 0.10 -12.74	21.53 0.14 -16.59	24.86 0.29 -15.53	37.70 0.17 -31.88	21.34 0.30 -11.45	18.78 0.35 -6.74	22.63 0.37 -10.17	15.64 0.45 0.00	13.96 0.40 0.00	16.22 0.47 0.00	40.34 0.39 -27.04	34.95 0.48 -18.26	90.24 2.45 -6.93	19.89 0.55 0.00	15.81 0.43 0.00	15.81 0.44 -0.06	18.54 0.41 -5.01
BABYLON_RES_REC 323704	44.45 0.19 -41.04	16.40 0.18 -12.68	15.69 0.16 -12.07	4.30 0.19 0.00	4.89 0.23 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.98 0.15 -10.76	19.05 0.24 -14.01	22.62 0.46 -13.12	32.81 0.24 -26.93	19.66 0.37 -9.69	17.86 0.39 -5.78	21.24 0.42 -8.72	15.72 0.52 0.00	14.04 0.48 0.00	16.33 0.57 0.00	36.61 0.50 -23.19	32.61 0.75 -15.66	90.86 4.06 -5.94	20.25 0.91 0.00	16.19 0.81 0.00	16.16 0.81 -0.05	18.18 0.76 -4.30
BARRETT_IC_1 23704	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT_IC_10 23701	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT_IC_11 23702	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT_IC_12 23703	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT_IC_2 23705	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT_IC_3 23706	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT_IC_4 23707	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT_IC_5 23708	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT_IC_6 23709	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30



BARRETT_IC_7 23710	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT_IC_8 23711	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT_IC_9 23700	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT___1 23545	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BARRETT___2 23546	44.40 0.14 -41.04	16.35 0.12 -12.68	15.64 0.11 -12.07	4.25 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	18.98 0.16 -14.01	22.50 0.34 -13.12	32.78 0.21 -26.93	19.63 0.35 -9.69	17.86 0.39 -5.78	21.24 0.43 -8.72	15.72 0.53 0.00	14.04 0.48 0.00	16.32 0.56 0.00	36.59 0.49 -23.19	32.56 0.70 -15.66	90.37 3.57 -5.94	20.19 0.85 0.00	16.08 0.70 0.00	16.02 0.67 -0.05	18.00 0.58 -4.30
BAYONEEC___CTG1 323682	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.61 0.46 -13.10	32.82 0.28 -26.91	19.74 0.46 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.51 0.75 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.30 0.97 0.00	16.14 0.77 0.00	16.11 0.76 -0.05	18.06 0.65 -4.30
BAYONEEC___CTG2 323683	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.61 0.46 -13.10	32.82 0.28 -26.91	19.74 0.46 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.51 0.75 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.30 0.97 0.00	16.14 0.77 0.00	16.11 0.76 -0.05	18.06 0.65 -4.30
BAYONEEC___CTG3 323684	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.61 0.46 -13.10	32.82 0.28 -26.91	19.74 0.46 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.51 0.75 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.30 0.97 0.00	16.14 0.77 0.00	16.11 0.76 -0.05	18.06 0.65 -4.30
BAYONEEC___CTG4 323685	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.61 0.46 -13.10	32.82 0.28 -26.91	19.74 0.46 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.51 0.75 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.30 0.97 0.00	16.14 0.77 0.00	16.11 0.76 -0.05	18.06 0.65 -4.30
BAYONEEC___CTG5 323686	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.61 0.46 -13.10	32.82 0.28 -26.91	19.74 0.46 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.51 0.75 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.30 0.97 0.00	16.14 0.77 0.00	16.11 0.76 -0.05	18.06 0.65 -4.30
BAYONEEC___CTG6 323687	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.61 0.46 -13.10	32.82 0.28 -26.91	19.74 0.46 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.51 0.75 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.30 0.97 0.00	16.14 0.77 0.00	16.11 0.76 -0.05	18.06 0.65 -4.30
BAYONEEC___CTG7 323688	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.61 0.46 -13.10	32.82 0.28 -26.91	19.74 0.46 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.51 0.75 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.30 0.97 0.00	16.14 0.77 0.00	16.11 0.76 -0.05	18.06 0.65 -4.30
BAYONEEC___CTG8 323689	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.61 0.46 -13.10	32.82 0.28 -26.91	19.74 0.46 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.51 0.75 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.30 0.97 0.00	16.14 0.77 0.00	16.11 0.76 -0.05	18.06 0.65 -4.30
BEACON___LESR 323632	55.06 0.09 -51.75	19.61 0.09 -15.97	18.72 0.07 -15.09	4.21 0.10 0.00	4.82 0.12 -0.18	17.86 0.04 -16.15	23.16 0.03 -22.18	16.70 0.09 -13.54	22.56 0.13 -17.63	25.80 0.25 -16.51	39.67 0.14 -33.89	22.04 0.25 -12.20	19.32 0.34 -7.29	23.42 0.32 -11.00	15.63 0.43 0.00	13.91 0.35 0.00	16.24 0.48 0.00	42.55 0.39 -29.24	36.43 0.48 -19.75	90.59 2.24 -7.49	19.80 0.46 0.00	15.70 0.32 0.00	15.74 0.37 -0.07	18.86 0.31 -5.43
BEAVER RIVER___HYD 24048	3.14 -0.08 0.00	3.45 -0.10 0.00	3.36 -0.10 0.00	3.98 -0.13 0.00	4.37 -0.14 0.00	1.64 -0.04 0.00	0.93 -0.01 0.00	2.96 -0.11 0.00	4.74 -0.05 0.00	8.95 -0.09 0.00	5.58 -0.06 0.00	9.50 -0.09 0.00	11.55 -0.14 0.00	11.84 -0.25 0.00	14.87 -0.32 0.00	13.24 -0.32 0.00	15.38 -0.38 0.00	12.64 -0.27 0.00	15.80 -0.40 0.00	97.31 -1.58 -18.03	18.97 -0.36 0.00	15.17 -0.20 0.00	15.15 -0.15 0.00	13.00 -0.12 0.00
BEEBEE_GT_13 23619	5.42 -0.09 -2.28	4.13 -0.09 -0.67	3.96 -0.06 -0.56	4.08 -0.03 0.00	4.44 -0.08 -0.01	2.23 -0.04 -0.60	1.74 -0.03 -0.82	3.51 -0.06 -0.50	5.29 -0.16 -0.65	9.35 -0.30 -0.61	6.70 -0.19 -1.26	9.74 -0.32 -0.46	11.61 -0.40 -0.32	12.17 -0.41 -0.48	14.70 -0.50 0.00	13.13 -0.43 0.00	15.22 -0.54 0.00	13.76 -0.44 -1.29	15.98 -0.58 -0.37	71.38 -2.91 6.56	18.69 -0.64 0.00	14.91 -0.46 0.00	14.91 -0.39 0.00	12.96 -0.40 -0.24
BETHLEHEM___GRP 23843	55.21 0.02 -51.96	19.61 0.03 -16.04	18.74 0.03 -15.25	4.17 0.05 0.00	4.77 0.06 -0.18	17.91 0.03 -16.21	23.23 0.01 -22.27	16.70 0.04 -13.59	22.55 0.05 -17.70	25.70 0.09 -16.57	39.71 0.05 -34.02	21.95 0.11 -12.24	19.14 0.13 -7.32	23.23 0.09 -11.04	15.29 0.10 0.00	13.64 0.08 0.00	15.88 0.12 0.00	42.39 0.11 -29.36	36.16 0.12 -19.83	88.97 0.60 -7.52	19.45 0.12 0.00	15.46 0.09 0.00	15.50 0.13 -0.07	18.69 0.12 -5.45



BETHLEHEM___GS1 323560	55.21 0.02 -51.96	19.61 0.03 -16.04	18.74 0.03 -15.25	4.17 0.05 0.00	4.77 0.06 -0.18	17.91 0.03 -16.21	23.23 0.01 -22.27	16.70 0.04 -13.59	22.55 0.05 -17.70	25.70 0.09 -16.57	39.71 0.05 -34.02	21.95 0.11 -12.24	19.14 0.13 -7.32	23.23 0.09 -11.04	15.29 0.10 0.00	13.64 0.08 0.00	15.88 0.12 0.00	42.39 0.11 -29.36	36.16 0.12 -19.83	88.97 0.60 -7.52	19.45 0.12 0.00	15.46 0.09 0.00	15.50 0.13 -0.07	18.69 0.12 -5.45
BETHLEHEM___GS2 323561	55.21 0.02 -51.96	19.61 0.03 -16.04	18.74 0.03 -15.25	4.17 0.05 0.00	4.77 0.06 -0.18	17.91 0.03 -16.21	23.23 0.01 -22.27	16.70 0.04 -13.59	22.55 0.05 -17.70	25.70 0.09 -16.57	39.71 0.05 -34.02	21.95 0.11 -12.24	19.14 0.13 -7.32	23.23 0.09 -11.04	15.29 0.10 0.00	13.64 0.08 0.00	15.88 0.12 0.00	42.39 0.11 -29.36	36.16 0.12 -19.83	88.97 0.60 -7.52	19.45 0.12 0.00	15.46 0.09 0.00	15.50 0.13 -0.07	18.69 0.12 -5.45
BETHLEHEM___GS3 323562	55.21 0.02 -51.96	19.61 0.03 -16.04	18.74 0.03 -15.25	4.17 0.05 0.00	4.77 0.06 -0.18	17.91 0.03 -16.21	23.23 0.01 -22.27	16.70 0.04 -13.59	22.55 0.05 -17.70	25.70 0.09 -16.57	39.71 0.05 -34.02	21.95 0.11 -12.24	19.14 0.13 -7.32	23.23 0.09 -11.04	15.29 0.10 0.00	13.64 0.08 0.00	15.88 0.12 0.00	42.39 0.11 -29.36	36.16 0.12 -19.83	88.97 0.60 -7.52	19.45 0.12 0.00	15.46 0.09 0.00	15.50 0.13 -0.07	18.69 0.12 -5.45
BETHLEHEM___STEEL 23779	6.15 -0.14 -3.06	4.31 -0.13 -0.89	4.13 -0.08 -0.75	4.08 -0.04 0.00	4.41 -0.11 -0.01	2.42 -0.06 -0.80	2.01 -0.04 -1.10	3.66 -0.09 -0.67	5.40 -0.27 -0.88	9.33 -0.54 -0.82	6.99 -0.33 -1.69	9.64 -0.57 -0.62	11.37 -0.76 -0.43	11.98 -0.76 -0.65	14.27 -0.92 0.00	12.78 -0.78 0.00	14.76 -1.00 0.00	13.77 -0.87 -1.72	14.13 -1.18 0.89	234.86 -5.98 -159.98	18.05 -1.29 0.00	14.47 -0.90 0.00	14.57 -0.74 0.00	12.75 -0.69 -0.32
BETHPAGE_CC_5 323564	44.44 0.18 -41.04	16.40 0.17 -12.68	15.68 0.15 -12.07	4.30 0.18 0.00	4.89 0.22 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.97 0.14 -10.76	19.02 0.21 -14.01	22.58 0.41 -13.12	32.81 0.24 -26.93	19.68 0.40 -9.69	17.91 0.44 -5.78	21.30 0.48 -8.72	15.79 0.59 0.00	14.11 0.55 0.00	16.40 0.64 0.00	36.66 0.55 -23.19	32.66 0.80 -15.66	91.09 4.29 -5.94	20.30 0.97 0.00	16.20 0.82 0.00	16.16 0.80 -0.05	18.12 0.70 -4.30
BINGHAMTON___COGEN 23790	9.57 0.05 -6.30	5.43 0.04 -1.84	5.05 0.04 -1.55	4.19 0.07 0.00	4.61 0.07 -0.02	3.35 0.03 -1.65	3.23 0.01 -2.27	4.51 0.06 -1.38	6.66 0.07 -1.80	10.84 0.11 -1.69	9.18 0.08 -3.46	10.98 0.11 -1.28	12.72 0.14 -0.89	13.60 0.16 -1.34	15.42 0.23 0.00	13.77 0.21 0.00	15.97 0.22 0.00	16.63 0.16 -3.56	19.39 0.19 -3.01	97.00 1.01 -15.14	19.57 0.23 0.00	15.56 0.18 0.00	15.50 0.19 -0.01	13.93 0.15 -0.66
BLACK RIVER___HYD 24047	3.19 -0.03 0.00	3.51 -0.04 0.00	3.41 -0.04 0.00	4.06 -0.06 0.00	4.45 -0.06 0.00	1.66 -0.01 0.00	0.95 0.00 0.00	3.03 -0.04 0.00	4.84 0.04 0.00	9.13 0.08 0.00	5.69 0.06 0.00	9.70 0.10 0.00	11.79 0.10 0.00	12.12 0.03 0.00	15.21 0.02 0.00	13.55 -0.01 0.00	15.75 0.00 0.00	12.95 0.03 0.00	16.16 -0.04 0.00	93.68 0.25 -12.57	19.38 0.05 0.00	15.51 0.13 0.00	15.43 0.13 0.00	13.19 0.07 0.00
BLISS_WT_PWR 323608	6.10 -0.18 -3.06	4.29 -0.15 -0.89	4.12 -0.09 -0.75	4.09 -0.03 0.00	4.38 -0.14 -0.01	2.40 -0.07 -0.80	2.06 0.01 -1.10	3.74 0.00 -0.67	5.46 -0.21 -0.87	9.50 -0.37 -0.82	7.11 -0.21 -1.68	9.85 -0.37 -0.62	11.63 -0.50 -0.43	12.38 -0.36 -0.65	14.84 -0.35 0.00	13.27 -0.29 -0.09	15.30 -0.45 0.00	14.22 -0.42 -1.72	14.70 -0.60 0.90	244.58 -3.06 -166.78	18.82 -0.52 0.00	15.05 -0.33 0.00	15.08 -0.23 0.00	13.13 -0.31 -0.32
BLUE_CIRC_CHEM_DRP 24182	54.99 0.06 -51.70	19.58 0.07 -15.96	18.71 0.07 -15.18	4.20 0.08 0.00	4.80 0.10 -0.18	17.85 0.04 -16.14	23.14 0.03 -22.17	16.67 0.07 -13.53	22.53 0.10 -17.62	25.74 0.19 -16.50	39.62 0.11 -33.87	21.99 0.20 -12.19	19.22 0.25 -7.28	23.32 0.24 -10.99	15.48 0.28 0.00	13.81 0.25 0.00	16.07 0.31 0.00	42.39 0.27 -29.22	36.25 0.32 -19.73	89.90 1.56 -7.48	19.69 0.35 0.00	15.64 0.27 0.00	15.67 0.30 -0.07	18.83 0.27 -5.43
BOC_GAS_DRP 24189	55.39 0.06 -52.11	19.70 0.07 -16.08	18.82 0.07 -15.30	4.19 0.07 0.00	4.79 0.09 -0.18	17.96 0.03 -16.26	23.30 0.02 -22.34	16.76 0.07 -13.63	22.64 0.09 -17.75	25.84 0.17 -16.62	39.86 0.10 -34.12	22.06 0.18 -12.28	19.25 0.22 -7.34	23.39 0.22 -11.07	15.45 0.26 0.00	13.78 0.22 0.00	16.03 0.28 0.00	42.59 0.23 -29.44	36.37 0.28 -19.89	89.77 1.37 -7.54	19.64 0.30 0.00	15.62 0.24 0.00	15.64 0.27 -0.07	18.84 0.25 -5.47
BORALEX_4TH_BRANCH 23824	55.32 0.12 -51.97	19.73 0.14 -16.04	18.85 0.14 -15.26	4.27 0.15 0.00	4.88 0.18 -0.18	17.96 0.07 -16.22	23.26 0.04 -22.28	16.79 0.13 -13.59	22.71 0.21 -17.71	26.02 0.41 -16.57	39.92 0.26 -34.03	22.28 0.43 -12.25	19.54 0.53 -7.32	23.70 0.56 -11.04	15.84 0.64 0.00	14.10 0.54 0.00	16.44 0.68 0.00	42.86 0.57 -29.37	36.68 0.65 -19.84	91.45 3.07 -7.52	20.10 0.76 0.00	15.98 0.61 0.00	15.98 0.61 -0.07	19.13 0.56 -5.45
BOWLINE___1 23526	43.02 0.14 -39.65	15.75 0.15 -12.06	14.73 0.13 -11.14	4.27 0.16 0.00	4.83 0.18 -0.13	13.59 0.07 -11.84	17.25 0.04 -16.27	13.12 0.12 -9.93	17.93 0.20 -12.93	21.55 0.40 -12.11	30.74 0.25 -24.85	19.01 0.42 -8.99	17.79 0.51 -5.58	21.06 0.54 -8.43	15.87 0.67 0.00	14.17 0.62 0.00	16.45 0.70 0.00	35.88 0.56 -22.41	32.07 0.74 -15.14	90.44 3.84 -5.74	20.22 0.89 0.00	16.08 0.70 0.00	16.03 0.68 -0.05	17.84 0.57 -4.15
BOWLINE___2 23595	43.03 0.14 -39.66	15.76 0.15 -12.06	14.73 0.13 -11.14	4.27 0.16 0.00	4.83 0.18 -0.13	13.59 0.07 -11.85	17.26 0.04 -16.27	13.12 0.12 -9.93	17.94 0.20 -12.94	21.55 0.40 -12.11	30.74 0.25 -24.86	19.02 0.42 -9.00	17.79 0.51 -5.59	21.06 0.54 -8.43	15.87 0.68 0.00	14.17 0.62 0.00	16.45 0.70 0.00	35.89 0.56 -22.41	32.07 0.74 -15.14	90.44 3.84 -5.74	20.22 0.89 0.00	16.08 0.70 0.00	16.03 0.68 -0.05	17.84 0.57 -4.15
BROOKHAVEN___DRP 24191	44.45 0.19 -41.04	16.41 0.19 -12.68	15.69 0.16 -12.07	4.31 0.20 0.00	4.91 0.24 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.16 -10.76	19.06 0.25 -14.01	22.68 0.51 -13.12	32.87 0.30 -26.93	19.79 0.50 -9.69	18.06 0.59 -5.78	21.45 0.63 -8.72	15.98 0.78 0.00	14.28 0.72 0.00	16.62 0.87 0.00	36.86 0.76 -23.19	32.97 1.11 -15.66	92.71 5.91 -5.94	20.64 1.31 0.00	16.47 1.09 0.00	16.34 0.98 -0.05	18.20 0.79 -4.30
BROOKLYN_NAVY_YARD 23515	42.56 0.16 -39.17	14.94 0.16 -11.23	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.21 -0.14	14.57 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.02 0.22 -14.00	22.59 0.44 -13.10	32.80 0.26 -26.90	19.71 0.43 -9.68	17.99 0.52 -5.78	21.36 0.55 -8.72	15.89 0.69 0.00	14.20 0.64 0.00	16.47 0.71 0.00	36.67 0.57 -23.18	32.62 0.76 -15.66	90.73 3.94 -5.94	20.26 0.92 0.00	16.10 0.73 0.00	16.07 0.72 -0.05	18.03 0.62 -4.30
BROOKLYN___ARMY_DRP 323595	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
BROOME_2_LFGE 323671	9.57 0.05 -6.30	5.43 0.04 -1.84	5.05 0.04 -1.55	4.19 0.07 0.00	4.61 0.07 -0.02	3.35 0.03 -1.65	3.23 0.01 -2.27	4.51 0.06 -1.38	6.66 0.07 -1.80	10.84 0.11 -1.69	9.18 0.08 -3.46	10.98 0.11 -1.28	12.72 0.14 -0.89	13.60 0.16 -1.34	15.42 0.23 0.00	13.77 0.21 0.00	15.97 0.22 0.00	16.63 0.16 -3.56	19.39 0.19 -3.01	97.00 1.01 -15.14	19.57 0.23 0.00	15.56 0.18 0.00	15.50 0.19 -0.01	13.93 0.15 -0.66



BROOME___LFGE 323600	9.57 0.05 -6.30	5.43 0.04 -1.84	5.05 0.04 -1.55	4.19 0.07 0.00	4.61 0.07 -0.02	3.35 0.03 -1.65	3.23 0.01 -2.27	4.51 0.06 -1.38	6.66 0.07 -1.80	10.84 0.11 -1.69	9.18 0.08 -3.46	10.98 0.11 -1.28	12.72 0.14 -0.89	13.60 0.16 -1.34	15.42 0.23 0.00	13.77 0.21 0.00	15.97 0.22 0.00	16.63 0.16 -3.56	19.39 0.19 -3.01	97.00 1.01 -15.14	19.57 0.23 0.00	15.56 0.18 0.00	15.50 0.19 -0.01	13.93 0.15 -0.66
BURROWS___LYONSDAL 23803	3.18 -0.04 0.00	3.50 -0.05 0.00	3.41 -0.05 0.00	4.05 -0.07 0.00	4.45 -0.07 0.00	1.66 -0.02 0.00	0.94 -0.01 0.00	3.02 -0.05 0.00	4.80 0.00 0.00	9.06 0.01 0.00	5.65 0.01 0.00	9.61 0.02 0.00	11.70 0.00 0.00	12.04 -0.05 0.00	15.12 -0.08 0.00	13.48 -0.09 0.00	15.66 -0.10 0.00	12.86 -0.05 0.00	16.12 -0.08 0.00	90.72 -0.15 -10.02	19.28 -0.05 0.00	15.35 -0.02 0.00	15.29 -0.02 0.00	13.09 -0.02 0.00
CAITHNESS_CC_1 323624	44.45 0.19 -41.04	16.40 0.18 -12.68	15.68 0.15 -12.07	4.31 0.19 0.00	4.90 0.24 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.15 -10.76	19.05 0.24 -14.01	22.65 0.49 -13.12	32.86 0.28 -26.93	19.77 0.49 -9.69	18.03 0.57 -5.78	21.42 0.60 -8.72	15.94 0.75 0.00	14.25 0.69 0.00	16.59 0.83 0.00	36.83 0.73 -23.19	32.92 1.06 -15.66	92.47 5.67 -5.94	20.59 1.25 0.00	16.42 1.05 0.00	16.31 0.95 -0.05	18.17 0.76 -4.30
CALPINE BETH_PAGE_GT4 24209	44.44 0.18 -41.04	16.40 0.18 -12.68	15.68 0.16 -12.07	4.30 0.19 0.00	4.89 0.23 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.97 0.15 -10.76	19.03 0.21 -14.01	22.56 0.40 -13.12	32.81 0.24 -26.93	19.68 0.39 -9.69	17.91 0.44 -5.78	21.30 0.48 -8.72	15.79 0.60 0.00	14.11 0.55 0.00	16.40 0.64 0.00	36.66 0.55 -23.19	32.66 0.80 -15.66	91.09 4.29 -5.94	20.30 0.97 0.00	16.19 0.81 0.00	16.16 0.81 -0.05	18.11 0.69 -4.30
CALPINE_BETH_PAGE_GT_4 323586	44.44 0.18 -41.04	16.40 0.18 -12.68	15.68 0.16 -12.07	4.30 0.19 0.00	4.89 0.23 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.97 0.15 -10.76	19.03 0.21 -14.01	22.56 0.40 -13.12	32.81 0.24 -26.93	19.68 0.39 -9.69	17.91 0.44 -5.78	21.30 0.48 -8.72	15.79 0.60 0.00	14.11 0.55 0.00	16.40 0.64 0.00	36.66 0.55 -23.19	32.66 0.80 -15.66	91.09 4.29 -5.94	20.30 0.97 0.00	16.19 0.81 0.00	16.16 0.81 -0.05	18.11 0.69 -4.30
CALPINE_BP_GT1 23823	44.44 0.18 -41.04	16.40 0.18 -12.68	15.68 0.16 -12.07	4.30 0.19 0.00	4.89 0.23 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.97 0.15 -10.76	19.03 0.21 -14.01	22.56 0.40 -13.12	32.81 0.24 -26.93	19.68 0.39 -9.69	17.91 0.44 -5.78	21.30 0.48 -8.72	15.79 0.60 0.00	14.11 0.55 0.00	16.40 0.64 0.00	36.66 0.55 -23.19	32.66 0.80 -15.66	91.09 4.29 -5.94	20.30 0.97 0.00	16.19 0.81 0.00	16.16 0.81 -0.05	18.11 0.69 -4.30
CALSPAN___DRP 24200	6.15 -0.14 -3.06	4.31 -0.13 -0.89	4.13 -0.08 -0.75	4.08 -0.04 0.00	4.41 -0.11 -0.01	2.42 -0.06 -0.80	2.01 -0.04 -1.10	3.66 -0.09 -0.67	5.40 -0.27 -0.88	9.33 -0.54 -0.82	6.99 -0.33 -1.69	9.64 -0.57 -0.62	11.37 -0.76 -0.43	11.98 -0.76 -0.65	14.27 -0.92 0.00	12.78 -0.78 0.00	14.76 -1.00 0.00	13.77 -0.87 -1.72	14.13 -1.18 0.89	234.86 -5.98 -159.98	18.05 -1.29 0.00	14.47 -0.90 0.00	14.57 -0.74 0.00	12.75 -0.69 -0.32
CANDIGU_WT_PWR 323617	7.49 -0.01 -4.28	4.77 -0.02 -1.25	4.50 -0.01 -1.05	4.15 0.03 0.00	4.53 0.00 -0.01	2.79 0.00 -1.12	2.49 0.00 -1.54	4.02 0.01 -0.94	5.97 -0.05 -1.22	10.07 -0.12 -1.15	7.92 -0.07 -2.35	10.32 -0.14 -0.86	12.11 -0.19 -0.60	12.85 -0.15 -0.91	15.06 -0.13 0.00	13.47 -0.09 0.00	15.61 -0.14 0.00	15.17 -0.15 -2.41	22.32 -0.22 -6.34	150.68 -1.23 -71.05	19.11 -0.23 0.00	15.22 -0.16 0.00	15.18 -0.13 0.00	13.41 -0.16 -0.45
CARR STREET_E_SYR 24060	4.77 -0.02 -1.56	3.98 -0.02 -0.45	3.82 -0.02 -0.38	4.11 -0.01 0.00	4.50 -0.02 0.00	2.07 0.00 -0.41	1.50 0.00 -0.56	3.40 -0.01 -0.34	5.22 -0.02 -0.45	9.42 -0.04 -0.42	6.47 -0.02 -0.86	9.87 -0.04 -0.31	11.87 -0.05 -0.22	12.38 -0.04 -0.33	15.13 -0.06 0.00	13.51 -0.05 0.00	15.70 -0.06 0.00	13.71 -0.04 -0.84	16.71 -0.05 -0.57	80.78 -0.30 -0.21	19.27 -0.07 0.00	15.32 -0.06 0.00	15.25 -0.06 0.00	13.19 -0.08 -0.15
CARTHAGE___PAPER 23857	3.17 -0.05 0.00	3.48 -0.06 0.00	3.39 -0.07 0.00	4.03 -0.09 0.00	4.42 -0.09 0.00	1.66 -0.02 0.00	0.94 0.00 0.00	3.00 -0.07 0.00	4.80 0.00 0.00	9.06 0.02 0.00	5.65 0.02 0.00	9.62 0.03 0.00	11.70 0.01 0.00	12.01 -0.08 0.00	15.08 -0.11 0.00	13.43 -0.13 0.00	15.62 -0.14 0.00	12.83 -0.09 0.00	16.02 -0.18 0.00	94.52 -0.44 -14.10	19.23 -0.10 0.00	15.38 0.00 0.00	15.33 0.02 0.00	13.12 0.00 0.00
CE_DUNWOOD___DRP 24194	44.34 0.16 -40.96	16.33 0.16 -12.63	15.58 0.14 -11.98	4.28 0.16 0.00	4.86 0.19 -0.14	14.48 0.07 -12.73	18.48 0.04 -17.49	13.87 0.13 -10.67	18.92 0.22 -13.90	22.49 0.43 -13.01	32.62 0.26 -26.72	19.67 0.45 -9.62	18.00 0.54 -5.77	21.37 0.57 -8.71	15.91 0.71 0.00	14.20 0.64 0.00	16.49 0.74 0.00	36.66 0.60 -23.15	32.62 0.78 -15.63	90.84 4.06 -5.93	20.28 0.94 0.00	16.12 0.75 0.00	16.08 0.72 -0.05	18.02 0.61 -4.29
CE_MILLWOOD___DRP 24193	44.19 0.15 -40.82	16.25 0.15 -12.55	15.44 0.14 -11.84	4.28 0.16 0.00	4.85 0.19 -0.14	14.34 0.07 -12.59	18.28 0.04 -17.30	13.75 0.13 -10.55	18.76 0.21 -13.75	22.33 0.41 -12.87	32.32 0.25 -26.42	19.55 0.43 -9.52	17.96 0.52 -5.75	21.32 0.55 -8.67	15.88 0.69 0.00	14.18 0.62 0.00	16.47 0.71 0.00	36.55 0.57 -23.06	32.53 0.75 -15.58	90.68 3.91 -5.91	20.24 0.90 0.00	16.09 0.72 0.00	16.05 0.69 -0.05	17.97 0.58 -4.27
CE_NYC2_DRP 24202	44.43 0.18 -41.03	16.40 0.19 -12.67	15.68 0.17 -12.06	4.31 0.19 0.00	4.89 0.22 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.62 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	90.95 4.15 -5.94	20.33 1.00 0.00	16.19 0.81 0.00	16.16 0.80 -0.05	18.11 0.69 -4.30
CE_NYC_DRP 24195	44.43 0.18 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.31 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.15 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.05 0.58 -5.78	21.42 0.61 -8.72	15.96 0.77 0.00	14.26 0.70 0.00	16.55 0.79 0.00	36.73 0.64 -23.18	32.70 0.84 -15.66	91.12 4.32 -5.94	20.34 1.01 0.00	16.18 0.80 0.00	16.14 0.78 -0.05	18.09 0.67 -4.30
CHAFFEE___LFGE 323603	6.17 -0.11 -3.06	4.34 -0.10 -0.89	4.16 -0.05 -0.75	4.12 0.00 0.00	4.46 -0.07 -0.01	2.43 -0.04 -0.80	2.03 -0.02 -1.10	3.70 -0.04 -0.67	5.48 -0.20 -0.88	9.48 -0.38 -0.82	7.10 -0.23 -1.68	9.82 -0.39 -0.62	11.59 -0.53 -0.43	12.23 -0.51 -0.65	14.58 -0.62 0.00	13.04 -0.51 0.00	15.07 -0.69 0.00	14.03 -0.60 -1.72	14.46 -0.84 0.90	239.83 -4.29 -163.26	18.49 -0.85 0.00	14.80 -0.58 0.00	14.85 -0.45 0.00	12.96 -0.48 -0.32
CHATEAUG_WT_PWR 323614	1.26 -0.40 1.56	2.63 -0.46 0.46	2.63 -0.44 0.39	3.56 -0.56 0.00	3.92 -0.59 0.00	1.10 -0.16 0.41	0.30 -0.08 0.57	-2.72 -0.48 5.31	-37.75 -0.58 41.97	-78.33 -1.07 86.31	-80.00 -0.65 84.99	-65.50 -1.13 73.97	-56.67 -1.40 66.96	-80.00 -1.60 90.50	-80.00 -1.97 93.22	-75.00 -1.83 86.74	-74.00 -2.09 87.67	-13.66 -1.73 24.85	-59.39 -2.18 73.41	-18.09 -10.86 88.09	17.07 -2.26 0.00	13.60 -1.77 0.00	13.83 -1.47 0.00	11.89 -1.07 0.16
CHAT_HIGH_FALL_HYD 323578	1.31 -0.40 1.52	2.65 -0.46 0.44	2.64 -0.43 0.38	3.56 -0.56 0.00	3.92 -0.59 0.00	1.11 -0.16 0.40	0.31 -0.08 0.55	-2.72 -0.49 5.30	-37.74 -0.58 41.96	-78.34 -1.08 86.30	-79.99 -0.66 84.97	-65.51 -1.14 73.96	-56.69 -1.42 66.96	-80.02 -1.63 90.48	-80.03 -2.00 93.22	-75.02 -1.85 86.74	-74.04 -2.13 87.67	-13.67 -1.76 24.83	-59.41 -2.22 73.39	-24.09 -10.96 93.98	17.06 -2.27 0.00	13.61 -1.76 0.00	13.84 -1.46 0.00	11.90 -1.06 0.16



CHAUTAUQUA___LFGE 323629	6.18 -0.09 -3.05	4.36 -0.08 -0.89	4.18 -0.03 -0.75	4.14 0.02 0.00	4.48 -0.05 -0.01	2.44 -0.03 -0.80	2.03 -0.02 -1.10	3.71 -0.03 -0.67	5.49 -0.18 -0.87	9.50 -0.36 -0.82	7.10 -0.21 -1.68	9.84 -0.37 -0.62	11.62 -0.50 -0.43	12.25 -0.49 -0.65	14.61 -0.59 0.00	13.07 -0.49 0.00	15.09 -0.67 0.00	14.04 -0.59 -1.72	14.46 -0.81 0.93	263.64 -4.15 -186.94	18.52 -0.82 0.00	14.83 -0.54 0.00	14.91 -0.40 0.00	13.02 -0.42 -0.32
CH_MIDHUDSON___DRP 24192	47.23 0.16 -43.84	17.31 0.17 -13.60	16.65 0.15 -13.04	4.29 0.17 0.00	4.88 0.20 -0.16	15.62 0.08 -13.87	20.04 0.04 -19.05	14.84 0.14 -11.62	20.18 0.24 -15.14	23.68 0.46 -14.17	35.02 0.28 -29.10	20.54 0.49 -10.46	18.45 0.58 -6.17	22.03 0.61 -9.32	15.95 0.76 0.00	14.24 0.68 0.00	16.54 0.78 0.00	38.33 0.65 -24.77	33.78 0.85 -16.73	91.57 4.37 -6.35	20.33 0.99 0.00	16.14 0.77 0.00	16.10 0.74 -0.06	18.33 0.62 -4.58
CH_MISC_IPPS 23765	45.06 0.17 -41.66	16.59 0.18 -12.86	15.85 0.17 -12.23	4.31 0.19 0.00	4.89 0.22 -0.15	14.76 0.08 -13.00	18.85 0.05 -17.86	14.12 0.16 -10.90	19.25 0.26 -14.19	22.84 0.51 -13.28	33.23 0.32 -27.27	19.95 0.54 -9.82	18.20 0.64 -5.87	21.62 0.68 -8.85	16.04 0.84 0.00	14.32 0.76 0.00	16.63 0.88 0.00	37.18 0.72 -23.54	33.05 0.95 -15.90	91.80 4.92 -6.03	20.46 1.12 0.00	16.25 0.87 0.00	16.19 0.83 -0.05	18.16 0.69 -4.35
CH_RES_BVR_FALLS 23983	1.02 -0.22 1.99	2.73 -0.24 0.58	2.71 -0.25 0.49	3.78 -0.34 0.00	4.16 -0.35 0.01	1.04 -0.11 0.53	0.15 -0.07 0.72	2.35 -0.28 0.44	3.86 -0.36 0.57	7.84 -0.67 0.54	4.14 -0.40 1.10	8.49 -0.70 0.41	10.60 -0.81 0.28	10.77 -0.90 0.42	14.13 -1.07 0.00	12.60 -0.96 0.00	14.65 -1.10 0.00	10.89 -0.90 1.12	14.33 -1.11 0.76	66.71 -5.31 8.83	18.20 -1.13 0.00	14.40 -0.97 0.00	14.22 -1.08 0.00	12.10 -0.81 0.21
CH_RES_NIAGARA 23895	5.87 -0.23 -2.88	4.17 -0.21 -0.84	4.01 -0.16 -0.71	4.00 -0.12 0.00	4.32 -0.21 -0.01	2.33 -0.10 -0.76	1.92 -0.06 -1.03	3.53 -0.17 -0.63	5.19 -0.43 -0.82	8.97 -0.84 -0.77	6.69 -0.53 -1.58	9.28 -0.90 -0.58	10.97 -1.13 -0.41	11.55 -1.16 -0.61	13.76 -1.43 0.00	12.31 -1.25 0.00	14.19 -1.57 0.00	13.22 -1.32 -1.63	13.42 -1.76 1.02	75.59 -8.99 -3.72	17.30 -2.03 0.00	13.94 -1.44 0.00	14.09 -1.22 0.00	12.33 -1.09 -0.30
CH_RES_SYRACUSE 23985	5.08 0.01 -1.85	4.10 0.01 -0.54	3.92 0.01 -0.45	4.15 0.03 0.00	4.55 0.03 0.00	2.16 0.01 -0.48	1.62 0.01 -0.66	3.50 0.02 -0.40	5.36 0.03 -0.53	9.59 0.05 -0.50	6.69 0.04 -1.01	10.03 0.06 -0.38	12.02 0.07 -0.26	12.57 0.08 -0.39	15.30 0.11 0.00	13.66 0.10 0.00	15.87 0.12 0.00	14.06 0.10 -1.04	17.04 0.14 -0.70	81.77 0.65 -0.27	19.48 0.15 0.00	15.48 0.11 0.00	15.40 0.09 0.00	13.36 0.05 -0.19
CLINTON_WT_PWR 323605	1.26 -0.40 1.56	2.63 -0.46 0.46	2.63 -0.44 0.39	3.56 -0.56 0.00	3.92 -0.59 0.00	1.10 -0.16 0.41	0.30 -0.08 0.57	-2.72 -0.48 5.31	-37.75 -0.58 41.97	-78.33 -1.07 86.31	-80.00 -0.65 84.99	-65.50 -1.13 73.97	-56.67 -1.40 66.96	-80.00 -1.60 90.50	-80.00 -1.97 93.22	-75.00 -1.83 86.74	-74.00 -2.09 87.67	-13.66 -1.73 24.85	-59.39 -2.18 73.41	-18.09 -10.86 88.09	17.07 -2.26 0.00	13.60 -1.77 0.00	13.83 -1.47 0.00	11.89 -1.07 0.16
CLINTON___LFGE 323618	1.33 -0.34 1.55	2.69 -0.41 0.45	2.68 -0.39 0.39	3.61 -0.51 0.00	3.99 -0.52 0.00	1.13 -0.13 0.41	0.32 -0.07 0.56	-2.68 -0.44 5.30	-37.66 -0.50 41.96	-78.18 -0.92 86.31	-79.89 -0.55 84.98	-65.32 -0.95 73.96	-56.46 -1.19 66.96	-79.78 -1.39 90.49	-79.75 -1.72 93.22	-74.77 -1.60 86.74	-73.74 -1.82 87.67	-13.43 -1.50 24.84	-59.08 -1.88 73.41	-18.16 -9.41 89.61	17.43 -1.91 0.00	13.88 -1.49 0.00	14.11 -1.20 0.00	12.11 -0.85 0.16
COLONIE_LFGE___ 323577	55.72 0.12 -52.38	19.84 0.13 -16.16	18.94 0.13 -15.36	4.27 0.15 0.00	4.88 0.17 -0.18	18.06 0.06 -16.32	23.41 0.04 -22.42	16.87 0.12 -13.68	22.82 0.20 -17.82	26.11 0.39 -16.68	40.13 0.24 -34.25	22.33 0.40 -12.33	19.55 0.48 -7.38	23.71 0.49 -11.13	15.76 0.57 0.00	14.05 0.49 0.00	16.39 0.63 0.00	43.05 0.54 -29.60	36.84 0.65 -19.99	91.68 3.24 -7.58	20.11 0.77 0.00	15.97 0.60 0.00	15.96 0.59 -0.07	19.13 0.52 -5.50
CORNELL___ 23752	6.66 0.02 -3.42	4.56 0.02 -1.00	4.32 0.02 -0.84	4.15 0.04 0.00	4.56 0.03 -0.01	2.58 0.01 -0.90	2.19 0.01 -1.23	3.85 0.03 -0.75	5.83 0.06 -0.98	10.06 0.10 -0.92	7.58 0.07 -1.88	10.39 0.11 -0.69	12.30 0.13 -0.48	12.97 0.15 -0.72	15.39 0.20 0.00	13.74 0.18 0.00	15.95 0.19 0.00	15.01 0.16 -1.93	17.70 0.20 -1.30	82.14 0.79 -0.49	19.58 0.24 0.00	15.55 0.18 0.00	15.46 0.15 0.00	13.57 0.09 -0.36
COXSACKIE___GT 23611	49.71 0.16 -46.33	18.04 0.17 -14.33	17.30 0.15 -13.69	4.29 0.17 0.00	4.88 0.20 -0.16	16.31 0.07 -14.56	20.99 0.05 -20.00	15.42 0.15 -12.20	20.95 0.26 -15.89	24.43 0.51 -14.88	36.50 0.32 -30.54	21.12 0.54 -10.98	18.86 0.64 -6.52	22.60 0.66 -9.85	15.99 0.80 0.00	14.27 0.71 0.00	16.59 0.84 0.00	39.80 0.71 -26.18	34.81 0.93 -17.68	92.48 4.91 -6.71	20.42 1.08 0.00	16.18 0.80 0.00	16.12 0.76 -0.06	18.47 0.63 -4.72
CRESCENT___HYD 24018	55.72 0.12 -52.38	19.84 0.13 -16.16	18.94 0.13 -15.36	4.27 0.15 0.00	4.88 0.17 -0.18	18.06 0.06 -16.32	23.41 0.04 -22.42	16.87 0.12 -13.68	22.82 0.20 -17.82	26.11 0.39 -16.68	40.13 0.24 -34.25	22.33 0.40 -12.33	19.55 0.48 -7.38	23.71 0.49 -11.13	15.76 0.57 0.00	14.05 0.49 0.00	16.39 0.63 0.00	43.05 0.54 -29.60	36.84 0.65 -19.99	91.68 3.24 -7.58	20.11 0.77 0.00	15.97 0.60 0.00	15.96 0.59 -0.07	19.13 0.52 -5.50
CRUCIBLE_METL_DRP 24180	5.08 0.01 -1.85	4.10 0.01 -0.54	3.92 0.01 -0.45	4.15 0.03 0.00	4.55 0.03 0.00	2.16 0.01 -0.48	1.62 0.01 -0.66	3.50 0.02 -0.40	5.36 0.03 -0.53	9.59 0.05 -0.50	6.69 0.04 -1.01	10.03 0.06 -0.38	12.02 0.07 -0.26	12.57 0.08 -0.39	15.30 0.11 0.00	13.66 0.10 0.00	15.87 0.12 0.00	14.06 0.10 -1.04	17.04 0.14 -0.70	81.77 0.65 -0.27	19.48 0.15 0.00	15.48 0.11 0.00	15.40 0.09 0.00	13.36 0.05 -0.19
DANC___LFGE 323619	3.19 -0.03 0.00	3.51 -0.04 0.00	3.41 -0.04 0.00	4.06 -0.06 0.00	4.45 -0.06 0.00	1.66 -0.01 0.00	0.95 0.00 0.00	3.03 -0.04 0.00	4.84 0.04 0.00	9.13 0.08 0.00	5.69 0.06 0.00	9.70 0.10 0.00	11.79 0.10 0.00	12.12 0.03 0.00	15.21 0.02 0.00	13.55 -0.01 0.00	15.75 0.00 0.00	12.95 0.03 0.00	16.16 -0.04 0.00	93.68 0.25 -12.57	19.38 0.05 0.00	15.51 0.13 0.00	15.43 0.13 0.00	13.19 0.07 0.00
DANSKAMMER___1 23586	45.06 0.17 -41.66	16.59 0.18 -12.86	15.85 0.17 -12.23	4.31 0.19 0.00	4.89 0.22 -0.15	14.76 0.08 -13.00	18.85 0.05 -17.86	14.12 0.16 -10.90	19.25 0.26 -14.19	22.84 0.51 -13.28	33.23 0.32 -27.27	19.95 0.54 -9.82	18.20 0.64 -5.87	21.62 0.68 -8.85	16.04 0.84 0.00	14.32 0.76 0.00	16.63 0.88 0.00	37.18 0.72 -23.54	33.05 0.95 -15.90	91.80 4.92 -6.03	20.46 1.12 0.00	16.25 0.87 0.00	16.19 0.83 -0.05	18.16 0.69 -4.35
DANSKAMMER___2 23589	45.06 0.17 -41.66	16.59 0.18 -12.86	15.85 0.17 -12.23	4.31 0.19 0.00	4.89 0.22 -0.15	14.76 0.08 -13.00	18.85 0.05 -17.86	14.12 0.16 -10.90	19.25 0.26 -14.19	22.84 0.51 -13.28	33.23 0.32 -27.27	19.95 0.54 -9.82	18.20 0.64 -5.87	21.62 0.68 -8.85	16.04 0.84 0.00	14.32 0.76 0.00	16.63 0.88 0.00	37.18 0.72 -23.54	33.05 0.95 -15.90	91.80 4.92 -6.03	20.46 1.12 0.00	16.25 0.87 0.00	16.19 0.83 -0.05	18.16 0.69 -4.35
DANSKAMMER___3 23590	45.06 0.17 -41.66	16.59 0.18 -12.86	15.85 0.17 -12.23	4.31 0.19 0.00	4.89 0.22 -0.15	14.76 0.08 -13.00	18.85 0.05 -17.86	14.12 0.16 -10.90	19.25 0.26 -14.19	22.84 0.51 -13.28	33.23 0.32 -27.27	19.95 0.54 -9.82	18.20 0.64 -5.87	21.62 0.68 -8.85	16.04 0.84 0.00	14.32 0.76 0.00	16.63 0.88 0.00	37.18 0.72 -23.54	33.05 0.95 -15.90	91.80 4.92 -6.03	20.46 1.12 0.00	16.25 0.87 0.00	16.19 0.83 -0.05	18.16 0.69 -4.35



DANSKAMMER___4 23591	45.06 0.17 -41.66	16.59 0.18 -12.86	15.85 0.17 -12.23	4.31 0.19 0.00	4.89 0.22 -0.15	14.76 0.08 -13.00	18.85 0.05 -17.86	14.12 0.16 -10.90	19.25 0.26 -14.19	22.84 0.51 -13.28	33.23 0.32 -27.27	19.95 0.54 -9.82	18.20 0.64 -5.87	21.62 0.68 -8.85	16.04 0.84 0.00	14.32 0.76 0.00	16.63 0.88 0.00	37.18 0.72 -23.54	33.05 0.95 -15.90	91.80 4.92 -6.03	20.46 1.12 0.00	16.25 0.87 0.00	16.19 0.83 -0.05	18.16 0.69 -4.35
DANSKAMMER___DIESEL 23592	45.06 0.17 -41.66	16.59 0.18 -12.86	15.85 0.17 -12.23	4.31 0.19 0.00	4.89 0.22 -0.15	14.76 0.08 -13.00	18.85 0.05 -17.86	14.12 0.16 -10.90	19.25 0.26 -14.19	22.84 0.51 -13.28	33.23 0.32 -27.27	19.95 0.54 -9.82	18.20 0.64 -5.87	21.62 0.68 -8.85	16.04 0.84 0.00	14.32 0.76 0.00	16.63 0.88 0.00	37.18 0.72 -23.54	33.05 0.95 -15.90	91.80 4.92 -6.03	20.46 1.12 0.00	16.25 0.87 0.00	16.19 0.83 -0.05	18.16 0.69 -4.35
DASHVILLE___HYD 23610	46.21 0.15 -42.84	16.94 0.15 -13.24	16.22 0.13 -12.63	4.26 0.14 0.00	4.84 0.17 -0.15	15.16 0.06 -13.42	19.42 0.04 -18.44	14.44 0.12 -11.25	19.66 0.21 -14.66	23.18 0.41 -13.72	34.06 0.25 -28.17	20.16 0.43 -10.13	18.23 0.51 -6.03	21.74 0.54 -9.10	15.87 0.68 0.00	14.17 0.61 0.00	16.45 0.70 0.00	37.70 0.58 -24.21	33.32 0.77 -16.35	91.10 4.04 -6.20	20.17 0.83 0.00	15.99 0.61 0.00	15.93 0.57 -0.05	18.04 0.48 -4.43
DELAWARE___LFGE 323621	11.31 0.08 -8.01	5.96 0.08 -2.33	5.50 0.07 -1.97	4.21 0.09 0.00	4.64 0.10 -0.02	3.81 0.04 -2.09	3.85 0.02 -2.88	4.90 0.08 -1.76	7.21 0.12 -2.29	11.42 0.23 -2.14	10.18 0.15 -4.40	11.46 0.25 -1.62	13.12 0.30 -1.13	14.11 0.32 -1.70	15.60 0.40 0.00	13.92 0.37 0.00	16.17 0.41 0.00	17.77 0.33 -4.53	19.98 0.43 -3.35	91.35 2.30 -8.18	19.86 0.53 0.00	15.77 0.40 0.00	15.69 0.37 -0.01	14.26 0.30 -0.84
DOGLEVILLE___HYD 23807	2.42 0.10 0.90	3.38 0.09 0.27	3.31 0.08 0.23	4.22 0.10 0.00	4.63 0.12 0.00	1.50 0.06 0.24	0.66 0.04 0.33	2.99 0.12 0.20	4.78 0.24 0.26	9.28 0.48 0.24	5.43 0.30 0.50	9.89 0.48 0.19	12.13 0.56 0.13	12.47 0.56 0.19	15.89 0.69 0.00	14.15 0.59 0.00	16.52 0.76 0.00	13.12 0.71 0.51	16.83 0.97 0.34	85.67 4.95 0.13	20.23 0.89 0.00	15.98 0.60 0.00	15.83 0.53 0.00	13.43 0.41 0.09
DUNKIRK___1 23563	6.17 -0.11 -3.05	4.35 -0.09 -0.89	4.16 -0.04 -0.75	4.13 0.01 0.00	4.46 -0.06 -0.01	2.43 -0.04 -0.80	2.02 -0.03 -1.10	3.69 -0.05 -0.67	5.47 -0.20 -0.87	9.46 -0.40 -0.82	7.07 -0.25 -1.68	9.79 -0.42 -0.62	11.56 -0.56 -0.43	12.19 -0.55 -0.65	14.53 -0.67 0.00	13.00 -0.56 0.00	15.01 -0.75 0.00	13.98 -0.66 -1.72	14.37 -0.90 0.93	264.22 -4.58 -187.94	18.40 -0.93 0.00	14.75 -0.62 0.00	14.83 -0.48 0.00	12.96 -0.48 -0.32
DUNKIRK___2 23564	6.17 -0.11 -3.05	4.35 -0.09 -0.89	4.16 -0.04 -0.75	4.13 0.01 0.00	4.46 -0.06 -0.01	2.43 -0.04 -0.80	2.02 -0.03 -1.10	3.69 -0.05 -0.67	5.47 -0.20 -0.87	9.46 -0.40 -0.82	7.07 -0.25 -1.68	9.79 -0.42 -0.62	11.56 -0.56 -0.43	12.19 -0.55 -0.65	14.53 -0.67 0.00	13.00 -0.56 0.00	15.01 -0.75 0.00	13.98 -0.66 -1.72	14.37 -0.90 0.93	264.22 -4.58 -187.94	18.40 -0.93 0.00	14.75 -0.62 0.00	14.83 -0.48 0.00	12.96 -0.48 -0.32
DUNKIRK___3 23565	6.15 -0.12 -3.04	4.33 -0.10 -0.89	4.14 -0.06 -0.75	4.11 -0.01 0.00	4.45 -0.08 -0.01	2.42 -0.05 -0.79	2.01 -0.03 -1.10	3.68 -0.06 -0.67	5.44 -0.23 -0.87	9.40 -0.46 -0.82	7.03 -0.28 -1.68	9.73 -0.48 -0.62	11.49 -0.63 -0.43	12.11 -0.63 -0.64	14.43 -0.76 0.00	12.92 -0.64 0.00	14.91 -0.84 0.00	13.89 -0.74 -1.71	14.25 -1.01 0.94	273.12 -5.12 -197.38	18.27 -1.07 0.00	14.64 -0.73 0.00	14.73 -0.58 0.00	12.87 -0.57 -0.32
DUNKIRK___4 23566	6.15 -0.12 -3.04	4.33 -0.10 -0.89	4.14 -0.06 -0.75	4.11 -0.01 0.00	4.45 -0.08 -0.01	2.42 -0.05 -0.79	2.01 -0.03 -1.10	3.68 -0.06 -0.67	5.44 -0.23 -0.87	9.40 -0.46 -0.82	7.03 -0.28 -1.68	9.73 -0.48 -0.62	11.49 -0.63 -0.43	12.11 -0.63 -0.64	14.43 -0.76 0.00	12.92 -0.64 0.00	14.91 -0.84 0.00	13.89 -0.74 -1.71	14.25 -1.01 0.94	273.12 -5.12 -197.38	18.27 -1.07 0.00	14.64 -0.73 0.00	14.73 -0.58 0.00	12.87 -0.57 -0.32
EAST HAMPTON___GT 23717	44.60 0.34 -41.04	16.56 0.34 -12.68	15.83 0.30 -12.07	4.49 0.37 0.00	5.10 0.44 -0.15	14.67 0.16 -12.83	18.67 0.09 -17.63	14.12 0.29 -10.76	19.31 0.50 -14.01	23.18 1.02 -13.12	33.20 0.63 -26.93	20.35 1.07 -9.69	18.73 1.26 -5.78	22.13 1.32 -8.72	16.84 1.64 0.00	15.04 1.48 0.00	17.52 1.76 0.00	37.62 1.52 -23.19	33.98 2.11 -15.66	98.00 11.20 -5.94	21.85 2.52 0.00	17.35 1.98 0.00	17.13 1.78 -0.05	18.81 1.40 -4.30
EAST RIVER___6 23660	44.42 0.17 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.30 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.82 0.28 -26.91	19.75 0.47 -9.68	18.03 0.56 -5.78	21.40 0.59 -8.72	15.95 0.75 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.68 0.82 -15.66	90.99 4.20 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
EAST RIVER___7 23524	44.42 0.17 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.30 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.82 0.28 -26.91	19.75 0.47 -9.68	18.03 0.56 -5.78	21.40 0.59 -8.72	15.95 0.75 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.68 0.82 -15.66	90.99 4.20 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
EAST_HAMPTON___DIESEL 23722	44.60 0.34 -41.04	16.56 0.34 -12.68	15.83 0.30 -12.07	4.48 0.36 0.00	5.09 0.43 -0.15	14.67 0.16 -12.83	18.66 0.09 -17.63	14.12 0.29 -10.76	19.31 0.50 -14.01	23.17 1.01 -13.12	33.19 0.63 -26.93	20.34 1.06 -9.69	18.72 1.25 -5.78	22.12 1.30 -8.72	16.82 1.63 0.00	15.03 1.47 0.00	17.50 1.75 0.00	37.61 1.51 -23.19	33.96 2.10 -15.66	97.91 11.11 -5.94	21.83 2.50 0.00	17.33 1.96 0.00	17.12 1.76 -0.05	18.80 1.39 -4.30
EAST_RIVER___1 323558	44.43 0.18 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.31 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.15 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.05 0.58 -5.78	21.42 0.61 -8.72	15.96 0.77 0.00	14.26 0.70 0.00	16.55 0.79 0.00	36.73 0.64 -23.18	32.70 0.84 -15.66	91.12 4.32 -5.94	20.34 1.01 0.00	16.18 0.80 0.00	16.14 0.78 -0.05	18.09 0.67 -4.30
EAST_RIVER___2 323559	44.42 0.17 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.30 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.82 0.28 -26.91	19.75 0.47 -9.68	18.03 0.56 -5.78	21.40 0.59 -8.72	15.95 0.75 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.68 0.82 -15.66	90.99 4.20 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
EAST___DELAWARE_HYD 23607	37.04 0.04 -33.77	13.79 0.03 -10.21	12.78 0.01 -9.32	4.13 0.02 0.00	4.65 0.02 -0.11	11.58 0.01 -9.90	14.56 0.01 -13.60	11.39 0.02 -8.30	15.68 0.07 -10.81	19.32 0.15 -10.12	26.52 0.10 -20.78	17.29 0.16 -7.54	16.64 0.19 -4.75	19.48 0.20 -7.18	15.43 0.24 0.00	13.78 0.21 0.00	16.00 0.24 0.00	32.20 0.20 -19.08	29.42 0.33 -12.89	87.71 1.96 -4.89	19.73 0.39 0.00	15.63 0.26 0.00	15.54 0.19 -0.04	16.76 0.12 -3.52
ELEC_TRO_TEK 24086	44.40 0.14 -41.04	16.36 0.14 -12.68	15.65 0.12 -12.07	4.26 0.14 0.00	4.84 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	19.00 0.18 -14.01	22.54 0.38 -13.12	32.80 0.23 -26.93	19.68 0.39 -9.69	17.92 0.45 -5.78	21.30 0.49 -8.72	15.80 0.60 0.00	14.11 0.55 0.00	16.40 0.64 0.00	36.64 0.54 -23.19	32.62 0.76 -15.66	90.77 3.97 -5.94	20.25 0.91 0.00	16.12 0.75 0.00	16.05 0.69 -0.05	18.00 0.58 -4.30



ELLENBURG_WT_PWR 323604	1.26 -0.40 1.56	2.63 -0.46 0.46	2.63 -0.44 0.39	3.56 -0.56 0.00	3.92 -0.59 0.00	1.10 -0.16 0.41	0.30 -0.08 0.57	-2.72 -0.48 5.31	-37.75 -0.58 41.97	-78.33 -1.07 86.31	-80.00 -0.65 84.99	-65.50 -1.13 73.97	-56.67 -1.40 66.96	-80.00 -1.60 90.50	-80.00 -1.97 93.22	-75.00 -1.83 86.74	-74.00 -2.09 87.67	-13.66 -1.73 24.85	-59.39 -2.18 73.41	-18.09 -10.86 88.09	17.07 -2.26 0.00	13.60 -1.77 0.00	13.83 -1.47 0.00	11.89 -1.07 0.16
EMPIRE_CC_1 323656	54.59 0.07 -51.30	19.47 0.07 -15.85	18.63 0.07 -15.10	4.20 0.08 0.00	4.80 0.10 -0.18	17.77 0.04 -16.06	23.03 0.02 -22.06	16.60 0.07 -13.46	22.44 0.11 -17.53	25.67 0.21 -16.41	39.46 0.13 -33.69	21.94 0.22 -12.12	19.19 0.27 -7.22	23.28 0.28 -10.90	15.52 0.32 0.00	13.83 0.27 0.00	16.11 0.35 0.00	42.20 0.29 -28.99	36.11 0.33 -19.58	89.84 1.55 -7.43	19.69 0.36 0.00	15.66 0.29 0.00	15.68 0.31 -0.06	18.79 0.29 -5.38
EMPIRE_CC_2 323658	54.59 0.07 -51.30	19.47 0.07 -15.85	18.63 0.07 -15.10	4.20 0.08 0.00	4.80 0.10 -0.18	17.77 0.04 -16.06	23.03 0.02 -22.06	16.60 0.07 -13.46	22.44 0.11 -17.53	25.67 0.21 -16.41	39.46 0.13 -33.69	21.94 0.22 -12.12	19.19 0.27 -7.22	23.28 0.28 -10.90	15.52 0.32 0.00	13.83 0.27 0.00	16.11 0.35 0.00	42.20 0.29 -28.99	36.11 0.33 -19.58	89.84 1.55 -7.43	19.69 0.36 0.00	15.66 0.29 0.00	15.68 0.31 -0.06	18.79 0.29 -5.38
ERIE_WT_PWR 323693	6.14 -0.14 -3.06	4.31 -0.13 -0.89	4.12 -0.08 -0.75	4.08 -0.04 0.00	4.41 -0.11 -0.01	2.42 -0.06 -0.80	2.01 -0.04 -1.10	3.66 -0.08 -0.67	5.40 -0.27 -0.88	9.32 -0.54 -0.82	6.99 -0.33 -1.69	9.64 -0.58 -0.62	11.36 -0.76 -0.43	11.98 -0.76 -0.65	14.27 -0.93 0.00	12.78 -0.78 0.00	14.76 -0.99 0.00	13.77 -0.87 -1.72	14.13 -1.18 0.89	234.85 -5.99 -159.98	18.05 -1.29 0.00	14.47 -0.90 0.00	14.57 -0.74 0.00	12.75 -0.69 -0.32
E_CANADA_CAP_HY 24051	63.12 0.15 -59.74	22.04 0.18 -18.31	20.80 0.17 -17.18	4.32 0.20 0.00	4.94 0.21 -0.21	20.01 0.08 -18.27	26.10 0.05 -25.09	18.54 0.16 -15.31	25.03 0.29 -19.95	28.28 0.57 -18.67	44.34 0.37 -38.33	24.04 0.61 -13.83	20.83 0.73 -8.41	25.55 0.76 -12.70	16.13 0.93 0.00	14.40 0.84 0.00	16.74 0.99 0.00	47.48 0.81 -33.76	40.06 1.06 -22.80	95.07 5.56 -8.65	20.69 1.36 0.00	16.39 1.02 0.00	16.25 0.87 -0.08	20.08 0.69 -6.26
E_CANADA_MHWK_HY 24050	2.42 0.10 0.90	3.38 0.09 0.27	3.31 0.08 0.23	4.22 0.10 0.00	4.63 0.12 0.00	1.50 0.06 0.24	0.66 0.04 0.33	2.99 0.12 0.20	4.78 0.24 0.26	9.28 0.48 0.24	5.43 0.30 0.50	9.89 0.48 0.19	12.13 0.56 0.13	12.47 0.56 0.19	15.89 0.69 0.00	14.15 0.59 0.00	16.52 0.76 0.00	13.12 0.71 0.51	16.83 0.97 0.34	85.67 4.95 0.13	20.23 0.89 0.00	15.98 0.60 0.00	15.83 0.53 0.00	13.43 0.41 0.09
E_FISHKILL___LBMP 23776	45.01 0.15 -41.64	16.78 0.15 -13.09	16.48 0.14 -12.88	4.27 0.16 0.00	4.86 0.19 -0.16	15.44 0.07 -13.69	19.80 0.04 -18.81	14.68 0.13 -11.48	19.96 0.21 -14.95	23.45 0.41 -14.00	34.63 0.25 -28.73	20.30 0.43 -10.28	18.06 0.51 -5.86	21.48 0.54 -8.85	15.86 0.67 0.00	14.16 0.60 0.00	16.45 0.69 0.00	37.00 0.56 -23.53	32.83 0.74 -15.89	90.66 3.78 -6.03	20.21 0.87 0.00	16.06 0.69 0.00	16.02 0.66 -0.05	18.04 0.56 -4.36
FAR ROCKAWAY___4 23548	44.46 0.20 -41.04	16.40 0.18 -12.68	15.69 0.16 -12.07	4.31 0.19 0.00	4.90 0.24 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.16 -10.76	19.06 0.24 -14.01	22.66 0.50 -13.12	32.89 0.32 -26.93	19.81 0.53 -9.69	18.01 0.54 -5.78	21.44 0.62 -8.72	15.90 0.71 0.00	14.15 0.59 0.00	16.47 0.72 0.00	36.72 0.62 -23.19	32.73 0.87 -15.66	91.33 4.53 -5.94	20.40 1.06 0.00	16.23 0.86 0.00	16.18 0.82 -0.05	18.23 0.81 -4.30
FARRAGUT___LBMP 323566	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.61 0.46 -13.10	32.82 0.28 -26.91	19.74 0.47 -9.68	18.03 0.56 -5.78	21.40 0.59 -8.72	15.94 0.75 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.71 0.61 -23.18	32.67 0.81 -15.66	90.97 4.18 -5.94	20.32 0.98 0.00	16.15 0.78 0.00	16.12 0.76 -0.05	18.07 0.66 -4.30
FENNER___WINDPWR 24204	4.10 0.00 -0.88	3.81 0.01 -0.25	3.68 0.01 -0.22	4.13 0.02 0.00	4.53 0.01 0.00	1.90 -0.01 -0.23	1.26 0.00 -0.31	3.26 0.00 -0.19	5.08 0.03 -0.25	9.36 0.08 -0.23	6.17 0.06 -0.48	9.88 0.10 -0.18	11.94 0.12 -0.12	12.40 0.12 -0.19	15.36 0.16 0.00	13.70 0.14 0.00	15.93 0.17 0.00	13.56 0.15 -0.50	16.72 0.18 -0.34	83.86 0.86 -2.15	19.50 0.16 0.00	15.47 0.10 0.00	15.39 0.08 0.00	13.27 0.06 -0.09
FIBERTEK___ENERGY 23856	5.08 0.01 -1.85	4.10 0.01 -0.54	3.92 0.01 -0.45	4.15 0.03 0.00	4.55 0.03 0.00	2.16 0.01 -0.48	1.62 0.01 -0.66	3.50 0.02 -0.40	5.36 0.03 -0.53	9.59 0.05 -0.50	6.69 0.04 -1.01	10.03 0.06 -0.38	12.02 0.07 -0.26	12.57 0.08 -0.39	15.30 0.11 0.00	13.66 0.10 0.00	15.87 0.12 0.00	14.06 0.10 -1.04	17.04 0.14 -0.70	81.77 0.65 -0.27	19.48 0.15 0.00	15.48 0.11 0.00	15.40 0.09 0.00	13.36 0.05 -0.19
FITZPATRICK___ 23598	4.24 -0.07 -1.08	3.78 -0.08 -0.32	3.65 -0.08 -0.27	4.04 -0.08 0.00	4.42 -0.10 0.00	1.92 -0.04 -0.29	1.32 -0.02 -0.39	3.24 -0.06 -0.24	5.00 -0.11 -0.31	9.13 -0.21 -0.29	6.10 -0.13 -0.59	9.59 -0.22 -0.22	11.58 -0.27 -0.15	12.05 -0.28 -0.23	14.85 -0.34 0.00	13.25 -0.31 0.00	15.39 -0.36 0.00	13.23 -0.30 -0.61	16.24 -0.37 -0.41	79.08 -1.93 -0.16	18.89 -0.44 0.00	15.03 -0.35 0.00	14.97 -0.34 0.00	12.93 -0.30 -0.11
FORT ORANGE___ 23900	54.35 0.04 -51.08	19.37 0.05 -15.77	18.52 0.05 -15.01	4.18 0.06 0.00	4.78 0.08 -0.18	17.66 0.03 -15.96	22.89 0.02 -21.92	16.50 0.06 -13.38	22.29 0.07 -17.42	25.49 0.14 -16.31	39.20 0.08 -33.48	21.80 0.15 -12.05	19.07 0.19 -7.19	23.12 0.17 -10.86	15.38 0.19 0.00	13.72 0.16 0.00	15.97 0.22 0.00	41.97 0.19 -28.87	35.92 0.23 -19.50	89.38 1.13 -7.39	19.57 0.24 0.00	15.55 0.18 0.00	15.57 0.20 -0.06	18.67 0.19 -5.36
FORT_DRUM_COGEN 23780	3.19 -0.04 0.00	3.50 -0.05 0.00	3.40 -0.05 0.00	4.05 -0.07 0.00	4.44 -0.08 0.00	1.66 -0.02 0.00	0.95 0.00 0.00	3.02 -0.05 0.00	4.82 0.03 0.00	9.10 0.06 0.00	5.68 0.04 0.00	9.67 0.07 0.00	11.76 0.06 0.00	12.08 -0.01 0.00	15.16 -0.03 0.00	13.50 -0.05 0.00	15.70 -0.06 0.00	12.90 -0.01 0.00	16.09 -0.11 0.00	93.72 -0.10 -12.96	19.31 -0.03 0.00	15.46 0.09 0.00	15.38 0.08 0.00	13.16 0.04 0.00
FPL_FAR_ROCK_GT1 24212	44.46 0.20 -41.04	16.40 0.18 -12.68	15.69 0.16 -12.07	4.31 0.19 0.00	4.90 0.24 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.16 -10.76	19.06 0.24 -14.01	22.66 0.50 -13.12	32.89 0.32 -26.93	19.81 0.53 -9.69	18.01 0.54 -5.78	21.44 0.62 -8.72	15.90 0.71 0.00	14.15 0.59 0.00	16.47 0.72 0.00	36.72 0.62 -23.19	32.73 0.87 -15.66	91.33 4.53 -5.94	20.40 1.06 0.00	16.23 0.86 0.00	16.18 0.82 -0.05	18.23 0.81 -4.30
FPL_FAR_ROCK_GT2 23815	44.46 0.20 -41.04	16.40 0.18 -12.68	15.69 0.16 -12.07	4.31 0.19 0.00	4.90 0.24 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.16 -10.76	19.06 0.24 -14.01	22.66 0.50 -13.12	32.89 0.32 -26.93	19.81 0.53 -9.69	18.01 0.54 -5.78	21.44 0.62 -8.72	15.90 0.71 0.00	14.15 0.59 0.00	16.47 0.72 0.00	36.72 0.62 -23.19	32.73 0.87 -15.66	91.33 4.53 -5.94	20.40 1.06 0.00	16.23 0.86 0.00	16.18 0.82 -0.05	18.23 0.81 -4.30
FRANKLIN_FALL_HYD 24054	1.45 -0.36 1.42	2.72 -0.41 0.42	2.71 -0.39 0.35	3.60 -0.52 0.00	3.97 -0.54 0.00	1.16 -0.14 0.38	0.36 -0.07 0.51	-2.66 -0.45 5.28	-37.63 -0.50 41.93	-78.16 -0.93 86.27	-79.84 -0.57 84.91	-65.32 -0.98 73.94	-56.47 -1.22 66.94	-79.82 -1.45 90.46	-79.82 -1.79 93.22	-74.84 -1.67 86.74	-73.83 -1.92 87.67	-13.43 -1.58 24.77	-59.16 -2.00 73.36	94.27 -9.66 -23.07	17.35 -1.98 0.00	13.84 -1.53 0.00	14.07 -1.23 0.00	12.11 -0.87 0.15



FREEPORT_EQUS_GT1 23764	44.43 0.17 -41.04	16.39 0.17 -12.68	15.68 0.15 -12.07	4.29 0.17 0.00	4.88 0.22 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.97 0.14 -10.76	19.03 0.22 -14.01	22.60 0.44 -13.12	32.84 0.27 -26.93	19.73 0.44 -9.69	17.98 0.51 -5.78	21.37 0.55 -8.72	15.88 0.69 0.00	14.19 0.63 0.00	16.49 0.73 0.00	36.73 0.62 -23.19	32.75 0.89 -15.66	91.48 4.68 -5.94	20.42 1.08 0.00	16.26 0.89 0.00	16.19 0.83 -0.05	18.11 0.70 -4.30
FREEPORT___CT2 23818	44.43 0.17 -41.04	16.39 0.17 -12.68	15.68 0.15 -12.07	4.29 0.17 0.00	4.88 0.22 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.97 0.14 -10.76	19.03 0.22 -14.01	22.60 0.44 -13.12	32.84 0.27 -26.93	19.73 0.44 -9.69	17.98 0.51 -5.78	21.37 0.55 -8.72	15.88 0.69 0.00	14.19 0.63 0.00	16.49 0.73 0.00	36.73 0.62 -23.19	32.75 0.89 -15.66	91.48 4.68 -5.94	20.42 1.08 0.00	16.26 0.89 0.00	16.19 0.83 -0.05	18.11 0.70 -4.30
FULTON COGEN____ 23766	4.55 -0.03 -1.36	3.91 -0.03 -0.39	3.76 -0.03 -0.33	4.09 -0.02 0.00	4.48 -0.03 0.00	2.01 -0.02 -0.35	1.43 -0.01 -0.49	3.34 -0.02 -0.30	5.15 -0.04 -0.39	9.33 -0.07 -0.36	6.34 -0.04 -0.74	9.80 -0.07 -0.28	11.79 -0.09 -0.19	12.29 -0.09 -0.29	15.08 -0.11 0.00	13.47 -0.09 0.00	15.65 -0.11 0.00	13.59 -0.09 -0.77	16.61 -0.11 -0.52	82.06 -0.56 -1.77	19.21 -0.13 0.00	15.27 -0.10 0.00	15.20 -0.11 0.00	13.14 -0.12 -0.14
FULTON___LFGE 323630	61.40 0.30 -57.87	21.65 0.33 -17.76	20.49 0.32 -16.72	4.50 0.38 0.00	5.14 0.42 -0.20	19.60 0.15 -17.77	25.47 0.10 -24.42	18.28 0.30 -14.90	24.75 0.55 -19.41	28.28 1.07 -18.17	43.62 0.68 -37.30	24.17 1.13 -13.45	21.19 1.35 -8.15	25.79 1.40 -12.30	16.90 1.71 0.00	15.10 1.54 0.00	17.58 1.82 0.00	47.16 1.54 -32.70	40.29 2.00 -22.09	99.35 10.12 -8.38	21.71 2.37 0.00	17.18 1.81 0.00	17.00 1.63 -0.07	20.51 6.07 -6.07
G.F.CEMENT___DRP 24184	56.42 0.20 -53.00	20.11 0.22 -16.34	19.18 0.21 -15.51	4.37 0.25 0.00	4.99 0.29 -0.19	18.27 0.11 -16.49	23.66 0.06 -22.65	17.10 0.20 -13.82	23.16 0.36 -18.00	26.58 0.68 -16.85	40.63 0.40 -34.60	22.70 0.65 -12.46	19.90 0.74 -7.46	24.12 0.76 -11.26	16.05 0.85 0.00	14.30 0.74 0.00	16.76 1.00 0.00	43.71 0.85 -29.95	37.54 1.11 -20.23	94.30 5.77 -7.67	20.72 1.39 0.00	16.45 1.08 0.00	16.40 1.03 -0.07	19.56 0.88 -5.56
GARDENVILLE___LBMP 24039	6.12 -0.15 -3.05	4.30 -0.14 -0.89	4.11 -0.09 -0.75	4.07 -0.05 0.00	4.40 -0.12 -0.01	2.41 -0.06 -0.80	2.01 -0.04 -1.10	3.64 -0.09 -0.67	5.38 -0.28 -0.87	9.30 -0.56 -0.82	6.97 -0.35 -1.68	9.61 -0.60 -0.62	11.34 -0.78 -0.43	11.96 -0.79 -0.65	14.24 -0.96 0.00	12.74 -0.82 0.00	14.71 -1.04 0.00	13.73 -0.90 -1.72	13.98 -1.21 1.00	275.54 -6.19 -200.87	18.00 -1.34 0.00	14.43 -0.94 0.00	14.53 -0.78 0.00	12.72 -0.72 -0.32
GENERAL___MILLS 23808	6.15 -0.14 -3.06	4.31 -0.13 -0.89	4.13 -0.08 -0.75	4.08 -0.04 0.00	4.41 -0.11 -0.01	2.42 -0.06 -0.80	2.01 -0.04 -1.10	3.66 -0.09 -0.67	5.40 -0.27 -0.88	9.33 -0.54 -0.82	6.99 -0.33 -1.69	9.64 -0.57 -0.62	11.37 -0.76 -0.43	11.98 -0.76 -0.65	14.27 -0.92 0.00	12.78 -0.78 0.00	14.76 -1.00 0.00	13.77 -0.87 -1.72	14.13 -1.18 0.89	234.86 -5.98 -159.98	18.05 -1.29 0.00	14.47 -0.90 0.00	14.57 -0.74 0.00	12.75 -0.69 -0.32
GE_PLASTICS___DRP 24183	54.99 0.06 -51.70	19.58 0.07 -15.96	18.72 0.07 -15.19	4.20 0.08 0.00	4.80 0.10 -0.18	17.85 0.04 -16.14	23.14 0.02 -22.17	16.67 0.07 -13.53	22.53 0.10 -17.63	25.74 0.19 -16.50	39.63 0.11 -33.87	21.99 0.20 -12.19	19.22 0.25 -7.28	23.32 0.24 -10.99	15.48 0.28 0.00	13.81 0.25 0.00	16.06 0.31 0.00	42.39 0.26 -29.22	36.25 0.31 -19.73	89.89 1.55 -7.48	19.69 0.35 0.00	15.64 0.27 0.00	15.67 0.30 -0.07	18.83 0.27 -5.43
GILBOA___1 23756	53.30 0.09 -49.99	19.14 0.11 -15.48	18.39 0.12 -14.82	4.22 0.10 0.00	4.82 0.12 -0.18	17.47 0.05 -15.75	22.61 0.03 -21.63	16.36 0.09 -13.20	22.12 0.13 -17.20	25.39 0.25 -16.10	38.84 0.15 -33.05	21.74 0.26 -11.88	19.04 0.31 -7.04	23.04 0.32 -10.62	15.59 0.39 0.00	13.91 0.34 0.00	16.17 0.41 0.00	41.50 0.34 -28.25	35.70 0.42 -19.08	90.21 2.11 -7.24	19.77 0.44 0.00	15.73 0.36 0.00	15.75 0.39 -0.06	18.71 0.35 -5.24
GILBOA___2 23757	53.30 0.09 -49.99	19.14 0.11 -15.48	18.39 0.12 -14.82	4.22 0.10 0.00	4.82 0.12 -0.18	17.47 0.05 -15.75	22.61 0.03 -21.63	16.36 0.09 -13.20	22.12 0.13 -17.20	25.39 0.25 -16.10	38.84 0.15 -33.05	21.74 0.26 -11.88	19.04 0.31 -7.04	23.04 0.32 -10.62	15.59 0.39 0.00	13.91 0.34 0.00	16.17 0.41 0.00	41.50 0.34 -28.25	35.70 0.42 -19.08	90.21 2.11 -7.24	19.77 0.44 0.00	15.73 0.36 0.00	15.75 0.39 -0.06	18.71 0.35 -5.24
GILBOA___3 23758	53.30 0.09 -49.99	19.14 0.11 -15.48	18.39 0.12 -14.82	4.22 0.10 0.00	4.82 0.12 -0.18	17.47 0.05 -15.75	22.61 0.03 -21.63	16.36 0.09 -13.20	22.12 0.13 -17.20	25.39 0.25 -16.10	38.84 0.15 -33.05	21.74 0.26 -11.88	19.04 0.31 -7.04	23.04 0.32 -10.62	15.59 0.39 0.00	13.91 0.34 0.00	16.17 0.41 0.00	41.50 0.34 -28.25	35.70 0.42 -19.08	90.21 2.11 -7.24	19.77 0.44 0.00	15.73 0.36 0.00	15.75 0.39 -0.06	18.71 0.35 -5.24
GILBOA___4 23759	53.30 0.09 -49.99	19.14 0.11 -15.48	18.39 0.12 -14.82	4.22 0.10 0.00	4.82 0.12 -0.18	17.47 0.05 -15.75	22.61 0.03 -21.63	16.36 0.09 -13.20	22.12 0.13 -17.20	25.39 0.25 -16.10	38.84 0.15 -33.05	21.74 0.26 -11.88	19.04 0.31 -7.04	23.04 0.32 -10.62	15.59 0.39 0.00	13.91 0.34 0.00	16.17 0.41 0.00	41.50 0.34 -28.25	35.70 0.42 -19.08	90.21 2.11 -7.24	19.77 0.44 0.00	15.73 0.36 0.00	15.75 0.39 -0.06	18.71 0.35 -5.24
GILBOA____ 23599	53.30 0.09 -49.99	19.14 0.11 -15.48	18.39 0.12 -14.82	4.22 0.10 0.00	4.82 0.12 -0.18	17.47 0.05 -15.75	22.61 0.03 -21.63	16.36 0.09 -13.20	22.12 0.13 -17.20	25.39 0.25 -16.10	38.84 0.15 -33.05	21.74 0.26 -11.88	19.04 0.31 -7.04	23.04 0.32 -10.62	15.59 0.39 0.00	13.91 0.34 0.00	16.17 0.41 0.00	41.50 0.34 -28.25	35.70 0.42 -19.08	90.21 2.11 -7.24	19.77 0.44 0.00	15.73 0.36 0.00	15.75 0.39 -0.06	18.71 0.35 -5.24
GINNA____ 23603	5.24 -0.22 -2.24	3.97 -0.23 -0.65	3.80 -0.21 -0.55	3.89 -0.22 0.00	4.25 -0.28 -0.01	2.15 -0.11 -0.59	1.69 -0.06 -0.80	3.37 -0.19 -0.49	5.10 -0.34 -0.64	9.01 -0.64 -0.60	6.47 -0.40 -1.23	9.37 -0.67 -0.45	11.17 -0.83 -0.31	11.72 -0.85 -0.48	14.14 -1.06 0.00	12.63 -0.93 0.00	14.64 -1.12 0.00	13.27 -0.90 -1.26	15.56 -1.14 -0.50	69.19 -5.71 5.96	18.01 -1.32 0.00	14.35 -1.03 0.00	14.32 -0.99 0.00	12.44 -0.91 -0.23
GLEN PARK____ 23778	3.21 -0.01 0.00	3.53 -0.02 0.00	3.43 -0.03 0.00	4.08 -0.04 0.00	4.47 -0.04 0.00	1.67 0.00 0.00	0.95 0.01 0.00	3.05 -0.02 0.00	4.87 0.07 0.00	9.18 0.14 0.00	5.73 0.09 0.00	9.77 0.17 0.00	11.87 0.18 0.00	12.20 0.10 0.00	15.31 0.11 0.00	13.64 0.08 0.00	15.86 0.10 0.00	13.04 0.12 0.00	16.28 0.08 0.00	93.99 0.85 -12.29	19.52 0.18 0.00	15.60 0.23 0.00	15.52 0.21 0.00	13.26 0.13 0.00
GLENWOOD_IC_1_G5 23712	44.43 0.17 -41.04	16.39 0.17 -12.68	15.68 0.15 -12.07	4.30 0.18 0.00	4.88 0.21 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.97 0.14 -10.76	19.05 0.23 -14.01	22.63 0.47 -13.12	32.86 0.29 -26.93	19.77 0.49 -9.69	18.05 0.58 -5.78	21.43 0.62 -8.72	15.97 0.77 0.00	14.26 0.70 0.00	16.57 0.81 0.00	36.77 0.66 -23.19	32.77 0.91 -15.66	91.51 4.72 -5.94	20.42 1.09 0.00	16.25 0.88 0.00	16.18 0.82 -0.05	18.10 0.68 -4.30
GLENWOOD_IC_2_G1 23688	44.42 0.17 -41.04	16.39 0.17 -12.68	15.68 0.15 -12.07	4.29 0.17 0.00	4.87 0.21 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.96 0.14 -10.76	19.04 0.23 -14.01	22.61 0.45 -13.12	32.85 0.28 -26.93	19.75 0.47 -9.69	18.03 0.56 -5.78	21.41 0.59 -8.72	15.93 0.74 0.00	14.23 0.67 0.00	16.53 0.77 0.00	36.73 0.63 -23.19	32.71 0.85 -15.66	91.21 4.42 -5.94	20.36 1.03 0.00	16.20 0.83 0.00	16.13 0.78 -0.05	18.07 0.66 -4.30



GLENWOOD_IC_3_G1 23689	44.42 0.17 -41.04	16.39 0.17 -12.68	15.68 0.15 -12.07	4.29 0.17 0.00	4.87 0.21 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.96 0.14 -10.76	19.04 0.23 -14.01	22.61 0.45 -13.12	32.85 0.28 -26.93	19.75 0.47 -9.69	18.03 0.56 -5.78	21.41 0.59 -8.72	15.93 0.74 0.00	14.23 0.67 0.00	16.53 0.77 0.00	36.73 0.63 -23.19	32.71 0.85 -15.66	91.21 4.42 -5.94	20.36 1.03 0.00	16.20 0.83 0.00	16.13 0.78 -0.05	18.07 0.66 -4.30
GLENWOOD___4 23550	44.43 0.17 -41.04	16.39 0.17 -12.68	15.68 0.15 -12.07	4.30 0.18 0.00	4.88 0.21 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.97 0.14 -10.76	19.05 0.23 -14.01	22.63 0.46 -13.12	32.86 0.29 -26.93	19.77 0.49 -9.69	18.05 0.58 -5.78	21.43 0.62 -8.72	15.97 0.77 0.00	14.26 0.70 0.00	16.57 0.81 0.00	36.77 0.66 -23.19	32.77 0.91 -15.66	91.51 4.71 -5.94	20.42 1.09 0.00	16.25 0.88 0.00	16.18 0.82 -0.05	18.10 0.68 -4.30
GLENWOOD___5 23614	44.43 0.17 -41.04	16.39 0.17 -12.68	15.68 0.15 -12.07	4.30 0.18 0.00	4.88 0.21 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.97 0.14 -10.76	19.05 0.23 -14.01	22.63 0.46 -13.12	32.86 0.29 -26.93	19.77 0.49 -9.69	18.05 0.58 -5.78	21.43 0.62 -8.72	15.97 0.77 0.00	14.26 0.70 0.00	16.57 0.81 0.00	36.77 0.66 -23.19	32.77 0.91 -15.66	91.51 4.71 -5.94	20.42 1.09 0.00	16.25 0.88 0.00	16.18 0.82 -0.05	18.10 0.68 -4.30
GLOBAL GREEN_PORT_GT1 23814	44.64 0.38 -41.04	16.61 0.38 -12.68	15.88 0.35 -12.07	4.54 0.42 0.00	5.15 0.49 -0.15	14.69 0.19 -12.83	18.68 0.10 -17.63	14.16 0.33 -10.76	19.38 0.57 -14.01	23.31 1.15 -13.12	33.28 0.71 -26.93	20.48 1.20 -9.69	18.89 1.42 -5.78	22.29 1.48 -8.72	17.04 1.84 0.00	15.23 1.67 0.00	17.74 1.98 0.00	37.80 1.70 -23.19	34.21 2.35 -15.66	99.17 12.37 -5.94	22.12 2.79 0.00	17.56 2.19 0.00	17.34 1.98 -0.05	18.97 1.56 -4.30
GLOBE___DSASP 323697	5.85 -0.24 -2.87	4.15 -0.23 -0.84	3.99 -0.17 -0.71	3.98 -0.13 0.00	4.30 -0.22 -0.01	2.32 -0.11 -0.75	1.91 -0.07 -1.03	3.51 -0.18 -0.63	5.16 -0.46 -0.82	8.93 -0.88 -0.77	6.66 -0.55 -1.58	9.23 -0.94 -0.58	10.92 -1.18 -0.40	11.50 -1.21 -0.61	13.69 -1.51 0.00	12.25 -1.31 0.00	14.12 -1.64 0.00	13.16 -1.38 -1.62	13.33 -1.83 1.03	67.78 -9.36 3.71	17.22 -2.12 0.00	13.87 -1.50 0.00	14.03 -1.28 0.00	12.28 -1.15 -0.30
GOETHSLN___LBMP 323567	44.41 0.17 -41.03	16.39 0.17 -12.67	15.66 0.15 -12.06	4.29 0.17 0.00	4.86 0.20 -0.14	14.57 0.07 -12.82	18.60 0.04 -17.61	13.95 0.13 -10.75	19.02 0.22 -14.00	22.59 0.44 -13.10	32.81 0.27 -26.91	19.72 0.44 -9.68	17.99 0.52 -5.78	21.36 0.55 -8.72	15.89 0.70 0.00	14.19 0.63 0.00	16.48 0.72 0.00	36.66 0.57 -23.18	32.60 0.75 -15.66	90.71 3.91 -5.94	20.25 0.92 0.00	16.11 0.74 0.00	16.07 0.72 -0.05	18.03 0.61 -4.30
GOODYEAR_LAKE_HYD 323669	8.19 0.11 -4.86	5.08 0.11 -1.42	4.75 0.10 -1.19	4.25 0.13 0.00	4.67 0.14 -0.01	3.00 0.05 -1.27	2.72 0.03 -1.74	4.24 0.11 -1.06	6.37 0.19 -1.38	10.69 0.35 -1.30	8.53 0.23 -2.66	10.96 0.38 -0.98	12.83 0.45 -0.68	13.60 0.47 -1.03	15.79 0.60 0.00	14.10 0.54 0.00	16.38 0.62 0.00	16.17 0.50 -2.75	18.96 0.66 -2.10	91.00 3.51 -6.63	20.15 0.81 0.00	15.99 0.61 0.00	15.86 0.55 -0.01	14.06 0.43 -0.51
GOUDEY___7 23579	9.54 0.06 -6.26	5.42 0.05 -1.83	5.05 0.05 -1.54	4.20 0.08 0.00	4.62 0.09 -0.02	3.35 0.03 -1.64	3.22 0.02 -2.25	4.51 0.07 -1.37	6.67 0.08 -1.79	10.85 0.13 -1.68	9.17 0.09 -3.44	11.00 0.14 -1.27	12.74 0.17 -0.88	13.62 0.19 -1.33	15.46 0.27 0.00	13.80 0.24 0.00	16.02 0.26 0.00	16.64 0.19 -3.54	19.43 0.22 -3.01	97.58 1.20 -15.52	19.61 0.27 0.00	15.58 0.21 0.00	15.53 0.22 -0.01	13.96 0.18 -0.66
GOUDEY___8 23580	9.54 0.05 -6.26	5.42 0.05 -1.83	5.05 0.05 -1.54	4.20 0.08 0.00	4.62 0.08 -0.02	3.35 0.03 -1.64	3.22 0.01 -2.25	4.51 0.06 -1.37	6.66 0.08 -1.79	10.84 0.12 -1.68	9.16 0.08 -3.44	10.99 0.13 -1.27	12.74 0.16 -0.88	13.61 0.19 -1.33	15.45 0.26 0.00	13.79 0.23 0.00	16.00 0.25 0.00	16.62 0.17 -3.54	19.42 0.21 -3.01	97.50 1.12 -15.52	19.59 0.25 0.00	15.57 0.20 0.00	15.52 0.21 -0.01	13.95 0.17 -0.66
GOWANUS_GT1_1 24077	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT1_2 24078	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT1_3 24079	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT1_4 24080	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT1_5 24084	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT1_6 24111	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT1_7 24112	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT1_8 24113	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30



GOWANUS_GT2_1 24114	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT2_2 24115	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT2_3 24116	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT2_4 24117	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT2_5 24118	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT2_6 24119	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT2_7 24120	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT2_8 24121	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT3_1 24122	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT3_2 24123	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT3_3 24124	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT3_4 24125	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT3_5 24126	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT3_6 24127	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT3_7 24128	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT3_8 24129	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT4_1 24130	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30



GOWANUS_GT4_2 24131	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT4_3 24132	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT4_4 24133	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT4_5 24134	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT4_6 24135	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT4_7 24136	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GOWANUS_GT4_8 24137	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
GREENIDGE___3 23582	7.07 0.02 -3.83	4.68 0.01 -1.12	4.42 0.02 -0.94	4.18 0.06 0.00	4.57 0.04 -0.01	2.69 0.01 -1.00	2.33 0.01 -1.38	3.95 0.04 -0.84	5.93 0.03 -1.10	10.11 0.04 -1.03	7.78 0.03 -2.11	10.41 0.04 -0.77	12.27 0.04 -0.54	12.98 0.07 -0.81	15.31 0.11 0.00	13.68 0.12 0.00	15.87 0.11 0.00	15.16 0.08 -2.16	19.51 0.10 -3.21	110.55 0.55 -29.15	19.48 0.14 0.00	15.48 0.10 0.00	15.41 0.10 0.00	13.55 0.03 -0.40
GREENIDGE___4 23583	7.07 0.02 -3.83	4.68 0.01 -1.12	4.42 0.02 -0.94	4.18 0.06 0.00	4.57 0.04 -0.01	2.69 0.01 -1.00	2.33 0.01 -1.38	3.95 0.04 -0.84	5.93 0.03 -1.10	10.11 0.04 -1.03	7.78 0.03 -2.11	10.41 0.04 -0.77	12.27 0.04 -0.54	12.98 0.07 -0.81	15.31 0.11 0.00	13.68 0.12 0.00	15.87 0.11 0.00	15.16 0.08 -2.16	19.51 0.10 -3.21	110.55 0.55 -29.15	19.48 0.14 0.00	15.48 0.10 0.00	15.41 0.10 0.00	13.55 0.03 -0.40
GROVEVILLE___HYD 323602	45.22 0.18 -41.82	16.67 0.19 -12.93	15.98 0.17 -12.35	4.32 0.20 0.00	4.90 0.23 -0.15	14.89 0.09 -13.13	19.03 0.05 -18.03	14.23 0.16 -11.00	19.40 0.27 -14.33	22.99 0.53 -13.42	33.51 0.33 -27.54	20.06 0.56 -9.91	18.25 0.67 -5.89	21.68 0.70 -8.89	16.07 0.88 0.00	14.35 0.79 0.00	16.66 0.91 0.00	37.30 0.75 -23.63	33.15 0.98 -15.96	92.01 5.10 -6.05	20.51 1.17 0.00	16.28 0.90 0.00	16.22 0.86 -0.05	18.20 0.71 -4.37
HAMPSHIRE___PAPER_HYD 323593	3.03 -0.19 0.00	3.33 -0.22 0.00	3.25 -0.21 0.00	3.84 -0.28 0.00	4.22 -0.30 0.00	1.59 -0.08 0.00	0.91 -0.04 0.00	2.83 -0.24 0.00	4.59 -0.21 0.00	8.64 -0.40 0.00	5.38 -0.26 0.00	9.17 -0.43 0.00	11.14 -0.55 0.00	11.36 -0.74 0.00	14.28 -0.92 0.00	12.68 -0.88 0.00	14.72 -1.03 0.00	12.09 -0.82 0.00	15.10 -1.10 0.00	107.87 -4.80 -31.82	18.25 -1.08 0.00	14.61 -0.77 0.00	14.72 -0.58 0.00	12.71 -0.41 0.00
HARDSCRABBLE_WT_PWR 323673	2.38 0.06 0.90	3.35 0.07 0.27	3.29 0.06 0.23	4.19 0.07 0.00	4.60 0.09 0.00	1.48 0.04 0.24	0.65 0.03 0.33	2.96 0.09 0.20	4.72 0.19 0.26	9.18 0.38 0.24	5.38 0.24 0.50	9.79 0.38 0.19	12.01 0.44 0.13	12.34 0.44 0.19	15.74 0.54 0.00	14.02 0.46 0.00	16.37 0.61 0.00	12.97 0.57 0.51	16.63 0.77 0.34	84.67 3.95 0.13	20.02 0.68 0.00	15.82 0.44 0.00	15.68 0.37 0.00	13.31 0.28 0.09
HARZA MOOSE___RIVER 24016	3.18 -0.04 0.00	3.50 -0.05 0.00	3.41 -0.05 0.00	4.05 -0.07 0.00	4.45 -0.07 0.00	1.66 -0.02 0.00	0.94 -0.01 0.00	3.02 -0.05 0.00	4.80 0.00 0.00	9.06 0.01 0.00	5.65 0.01 0.00	9.61 0.02 0.00	11.70 0.00 0.00	12.04 -0.05 0.00	15.12 -0.08 0.00	13.48 -0.09 0.00	15.66 -0.10 0.00	12.86 -0.05 0.00	16.12 -0.08 0.00	90.72 -0.15 -10.02	19.28 -0.05 0.00	15.35 -0.02 0.00	15.29 -0.02 0.00	13.09 -0.02 0.00
HEMPSTEAD___ 23647	44.42 0.16 -41.04	16.37 0.15 -12.68	15.66 0.14 -12.07	4.27 0.16 0.00	4.86 0.20 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.95 0.13 -10.76	19.01 0.20 -14.01	22.57 0.40 -13.12	32.82 0.25 -26.93	19.71 0.42 -9.69	17.96 0.49 -5.78	21.34 0.52 -8.72	15.84 0.65 0.00	14.16 0.60 0.00	16.45 0.69 0.00	36.69 0.58 -23.19	32.68 0.82 -15.66	91.12 4.32 -5.94	20.32 0.99 0.00	16.18 0.81 0.00	16.11 0.76 -0.05	18.04 0.63 -4.30
HICKLING___1 23621	8.21 0.08 -4.91	5.05 0.07 -1.43	4.74 0.08 -1.21	4.25 0.13 0.00	4.66 0.13 -0.02	3.01 0.05 -1.29	2.74 0.03 -1.77	4.25 0.10 -1.08	6.31 0.11 -1.40	10.52 0.16 -1.31	8.45 0.11 -2.70	10.75 0.17 -0.99	12.59 0.20 -0.69	13.38 0.25 -1.04	15.56 0.36 0.00	13.89 0.33 0.00	16.11 0.35 0.00	15.93 0.25 -2.77	20.38 0.29 -3.90	118.78 1.50 -36.43	19.69 0.36 0.00	15.65 0.27 0.00	15.60 0.29 -0.01	13.87 0.23 -0.51
HICKLING___2 23622	8.21 0.08 -4.91	5.05 0.07 -1.43	4.74 0.08 -1.21	4.25 0.13 0.00	4.66 0.13 -0.02	3.01 0.05 -1.29	2.74 0.03 -1.77	4.25 0.10 -1.08	6.31 0.11 -1.40	10.52 0.16 -1.31	8.45 0.11 -2.70	10.75 0.17 -0.99	12.59 0.20 -0.69	13.38 0.25 -1.04	15.56 0.36 0.00	13.89 0.33 0.00	16.11 0.35 0.00	15.93 0.25 -2.77	20.38 0.29 -3.90	118.78 1.50 -36.43	19.69 0.36 0.00	15.65 0.27 0.00	15.60 0.29 -0.01	13.87 0.23 -0.51
HIGH FALLS___HY 23754	44.80 0.13 -41.45	16.44 0.13 -12.77	15.65 0.11 -12.09	4.23 0.11 0.00	4.80 0.13 -0.15	14.58 0.05 -12.85	18.64 0.03 -17.66	13.95 0.10 -10.77	19.03 0.19 -14.04	22.58 0.40 -13.14	32.86 0.25 -26.97	19.73 0.42 -9.72	18.02 0.49 -5.84	21.43 0.52 -8.81	15.84 0.64 0.00	14.14 0.58 0.00	16.43 0.67 0.00	36.90 0.56 -23.42	32.79 0.78 -15.82	91.05 4.19 -6.00	20.19 0.86 0.00	15.97 0.60 0.00	15.88 0.53 -0.05	17.82 0.42 -4.28



HILLBURN___GT 23639	41.91 0.16 -38.52	15.34 0.17 -11.63	14.18 0.15 -10.58	4.29 0.18 0.00	4.85 0.20 -0.13	12.99 0.08 -11.24	16.43 0.04 -15.44	12.63 0.13 -9.42	17.30 0.23 -12.28	20.98 0.44 -11.49	29.50 0.27 -23.59	18.63 0.47 -8.56	17.69 0.58 -5.42	20.88 0.61 -8.19	15.96 0.76 0.00	14.25 0.69 0.00	16.55 0.79 0.00	35.32 0.64 -21.77	31.74 0.83 -14.70	90.79 4.36 -5.58	20.34 1.01 0.00	16.18 0.80 0.00	16.12 0.77 -0.05	17.79 0.64 -4.03
HISHELDN_WT_PWR 323625	6.43 -0.14 -3.35	4.38 -0.14 -0.97	4.18 -0.10 -0.82	4.04 -0.08 0.00	4.39 -0.14 -0.01	2.49 -0.07 -0.88	2.11 -0.04 -1.21	3.71 -0.10 -0.74	5.49 -0.27 -0.96	9.42 -0.52 -0.90	7.15 -0.33 -1.84	9.70 -0.57 -0.68	11.41 -0.75 -0.47	12.05 -0.76 -0.71	14.28 -0.91 0.00	12.83 -0.73 0.00	14.83 -0.93 0.00	13.99 -0.82 -1.89	11.73 -1.09 3.38	191.60 -5.65 -116.39	18.15 -1.19 0.00	14.51 -0.86 0.00	14.55 -0.76 0.00	12.77 -0.70 -0.35
HOLTSVILLE_IC_1 23690	44.45 0.19 -41.04	16.40 0.18 -12.68	15.69 0.15 -12.07	4.30 0.19 0.00	4.90 0.23 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.15 -10.76	19.05 0.24 -14.01	22.66 0.49 -13.12	32.86 0.29 -26.93	19.78 0.49 -9.69	18.04 0.57 -5.78	21.43 0.61 -8.72	15.96 0.76 0.00	14.26 0.70 0.00	16.60 0.84 0.00	36.84 0.73 -23.19	32.92 1.06 -15.66	92.42 5.63 -5.94	20.59 1.25 0.00	16.41 1.04 0.00	16.30 0.95 -0.05	18.18 0.77 -4.30
HOLTSVILLE_IC_10 23699	44.47 0.21 -41.04	16.43 0.20 -12.68	15.71 0.18 -12.07	4.33 0.21 0.00	4.93 0.26 -0.15	14.61 0.10 -12.83	18.63 0.05 -17.63	14.00 0.17 -10.76	19.09 0.28 -14.01	22.73 0.57 -13.12	32.91 0.34 -26.93	19.86 0.57 -9.69	18.15 0.67 -5.78	21.53 0.72 -8.72	16.09 0.89 0.00	14.38 0.82 0.00	16.74 0.98 0.00	36.96 0.85 -23.19	33.09 1.22 -15.66	93.30 6.50 -5.94	20.78 1.45 0.00	16.56 1.18 0.00	16.44 1.08 -0.05	18.28 0.87 -4.30
HOLTSVILLE_IC_2 23691	44.45 0.19 -41.04	16.40 0.18 -12.68	15.69 0.15 -12.07	4.30 0.19 0.00	4.90 0.23 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.15 -10.76	19.05 0.24 -14.01	22.66 0.49 -13.12	32.86 0.29 -26.93	19.78 0.49 -9.69	18.04 0.57 -5.78	21.43 0.61 -8.72	15.96 0.76 0.00	14.26 0.70 0.00	16.60 0.84 0.00	36.84 0.73 -23.19	32.92 1.06 -15.66	92.42 5.63 -5.94	20.59 1.25 0.00	16.41 1.04 0.00	16.30 0.95 -0.05	18.18 0.77 -4.30
HOLTSVILLE_IC_3 23692	44.45 0.19 -41.04	16.40 0.18 -12.68	15.69 0.15 -12.07	4.30 0.19 0.00	4.90 0.23 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.15 -10.76	19.05 0.24 -14.01	22.66 0.49 -13.12	32.86 0.29 -26.93	19.78 0.49 -9.69	18.04 0.57 -5.78	21.43 0.61 -8.72	15.96 0.76 0.00	14.26 0.70 0.00	16.60 0.84 0.00	36.84 0.73 -23.19	32.92 1.06 -15.66	92.42 5.63 -5.94	20.59 1.25 0.00	16.41 1.04 0.00	16.30 0.95 -0.05	18.18 0.77 -4.30
HOLTSVILLE_IC_4 23693	44.45 0.19 -41.04	16.40 0.18 -12.68	15.69 0.15 -12.07	4.30 0.19 0.00	4.90 0.23 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.15 -10.76	19.05 0.24 -14.01	22.66 0.49 -13.12	32.86 0.29 -26.93	19.78 0.49 -9.69	18.04 0.57 -5.78	21.43 0.61 -8.72	15.96 0.76 0.00	14.26 0.70 0.00	16.60 0.84 0.00	36.84 0.73 -23.19	32.92 1.06 -15.66	92.42 5.63 -5.94	20.59 1.25 0.00	16.41 1.04 0.00	16.30 0.95 -0.05	18.18 0.77 -4.30
HOLTSVILLE_IC_5 23694	44.45 0.19 -41.04	16.40 0.18 -12.68	15.69 0.15 -12.07	4.30 0.19 0.00	4.90 0.23 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.15 -10.76	19.05 0.24 -14.01	22.66 0.49 -13.12	32.86 0.29 -26.93	19.78 0.49 -9.69	18.04 0.57 -5.78	21.43 0.61 -8.72	15.96 0.76 0.00	14.26 0.70 0.00	16.60 0.84 0.00	36.84 0.73 -23.19	32.92 1.06 -15.66	92.42 5.63 -5.94	20.59 1.25 0.00	16.41 1.04 0.00	16.30 0.95 -0.05	18.18 0.77 -4.30
HOLTSVILLE_IC_6 23695	44.47 0.21 -41.04	16.43 0.20 -12.68	15.71 0.18 -12.07	4.33 0.21 0.00	4.93 0.26 -0.15	14.61 0.10 -12.83	18.63 0.05 -17.63	14.00 0.17 -10.76	19.09 0.28 -14.01	22.73 0.57 -13.12	32.91 0.34 -26.93	19.86 0.57 -9.69	18.15 0.67 -5.78	21.53 0.72 -8.72	16.09 0.89 0.00	14.38 0.82 0.00	16.74 0.98 0.00	36.96 0.85 -23.19	33.09 1.22 -15.66	93.30 6.50 -5.94	20.78 1.45 0.00	16.56 1.18 0.00	16.44 1.08 -0.05	18.28 0.87 -4.30
HOLTSVILLE_IC_7 23696	44.47 0.21 -41.04	16.43 0.20 -12.68	15.71 0.18 -12.07	4.33 0.21 0.00	4.93 0.26 -0.15	14.61 0.10 -12.83	18.63 0.05 -17.63	14.00 0.17 -10.76	19.09 0.28 -14.01	22.73 0.57 -13.12	32.91 0.34 -26.93	19.86 0.57 -9.69	18.15 0.67 -5.78	21.53 0.72 -8.72	16.09 0.89 0.00	14.38 0.82 0.00	16.74 0.98 0.00	36.96 0.85 -23.19	33.09 1.22 -15.66	93.30 6.50 -5.94	20.78 1.45 0.00	16.56 1.18 0.00	16.44 1.08 -0.05	18.28 0.87 -4.30
HOLTSVILLE_IC_8 23697	44.47 0.21 -41.04	16.43 0.20 -12.68	15.71 0.18 -12.07	4.33 0.21 0.00	4.93 0.26 -0.15	14.61 0.10 -12.83	18.63 0.05 -17.63	14.00 0.17 -10.76	19.09 0.28 -14.01	22.73 0.57 -13.12	32.91 0.34 -26.93	19.86 0.57 -9.69	18.15 0.67 -5.78	21.53 0.72 -8.72	16.09 0.89 0.00	14.38 0.82 0.00	16.74 0.98 0.00	36.96 0.85 -23.19	33.09 1.22 -15.66	93.30 6.50 -5.94	20.78 1.45 0.00	16.56 1.18 0.00	16.44 1.08 -0.05	18.28 0.87 -4.30
HOLTSVILLE_IC_9 23698	44.47 0.21 -41.04	16.43 0.20 -12.68	15.71 0.18 -12.07	4.33 0.21 0.00	4.93 0.26 -0.15	14.61 0.10 -12.83	18.63 0.05 -17.63	14.00 0.17 -10.76	19.09 0.28 -14.01	22.73 0.57 -13.12	32.91 0.34 -26.93	19.86 0.57 -9.69	18.15 0.67 -5.78	21.53 0.72 -8.72	16.09 0.89 0.00	14.38 0.82 0.00	16.74 0.98 0.00	36.96 0.85 -23.19	33.09 1.22 -15.66	93.30 6.50 -5.94	20.78 1.45 0.00	16.56 1.18 0.00	16.44 1.08 -0.05	18.28 0.87 -4.30
HOWARD_WT_PWR 323690	7.33 -0.04 -4.14	4.71 -0.04 -1.21	4.46 -0.02 -1.02	4.13 0.01 0.00	4.50 -0.03 -0.01	2.74 -0.02 -1.08	2.43 -0.01 -1.49	3.96 -0.02 -0.91	5.90 -0.09 -1.19	9.98 -0.17 -1.11	7.80 -0.11 -2.28	10.25 -0.18 -0.84	12.04 -0.23 -0.58	12.81 -0.17 -0.88	15.03 -0.17 0.00	13.47 -0.09 0.00	15.62 -0.14 0.00	15.15 -0.10 -2.34	21.01 -0.15 -4.96	132.39 -0.88 -52.42	19.25 -0.09 0.00	15.31 -0.06 0.00	15.25 -0.06 0.00	13.40 -0.16 -0.44
HQ_GEN_CEDARS 23644	1.41 -0.40 1.41	2.69 -0.45 0.41	2.67 -0.43 0.35	3.55 -0.56 0.00	3.91 -0.60 0.00	1.14 -0.17 0.38	0.34 -0.10 0.51	-2.71 -0.50 5.27	-37.69 -0.56 41.92	-78.31 -1.08 86.27	-79.95 -0.68 84.91	-65.46 -1.12 73.94	-56.64 -1.39 66.94	-80.04 -1.67 90.46	-80.04 -2.01 93.22	-75.03 -1.86 86.74	-74.08 -2.17 87.67	-13.61 -1.77 24.76	-59.47 -2.32 73.35	52.18 -10.65 18.03	17.05 -2.28 0.00	13.64 -1.73 0.00	13.91 -1.39 0.00	12.00 -0.97 0.15
HQ_GEN_CEDARS_PROXY 323590	0.55 -0.40 2.27	1.16 -0.45 1.94	1.50 -0.43 1.53	1.79 -0.56 1.76	1.80 -0.60 2.11	-0.27 -0.17 1.78	0.20 -0.10 0.65	-3.96 -0.50 6.53	-37.69 -0.56 41.92	-78.31 -1.08 86.27	-79.95 -0.68 84.91	-65.46 -1.12 73.94	-56.64 -1.39 66.94	-80.04 -1.67 90.46	-80.04 -2.01 93.22	-75.03 -1.86 86.74	-74.08 -2.17 87.67	-13.61 -1.77 24.76	-60.49 -2.32 74.37	52.18 -10.65 18.03	17.05 -2.28 0.00	6.14 -1.73 7.50	6.46 -1.39 7.45	5.16 -0.97 6.99
HQ_GEN_IMPORT 323601	3.22 0.00 0.00	3.55 0.00 0.00	3.46 0.00 0.00	4.12 0.00 0.00	4.52 0.00 0.00	1.67 0.00 0.00	0.95 0.00 0.00	-1.89 0.00 4.96	-36.72 0.00 41.51	-76.84 0.00 85.89	-78.48 0.00 84.12	-64.05 0.00 73.65	-55.05 0.00 66.74	-78.07 0.00 90.16	-78.03 0.00 93.22	-73.17 0.00 86.74	-71.91 0.00 87.67	-11.05 0.00 23.97	-56.62 0.00 72.82	17.82 0.00 63.03	19.34 0.00 0.00	15.37 0.00 0.00	15.30 0.00 0.00	13.12 0.00 0.00
HQ_GEN_WHEEL 23651	3.22 0.00 0.00	3.55 0.00 0.00	3.46 0.00 0.00	4.12 0.00 0.00	4.52 0.00 0.00	1.67 0.00 0.00	0.95 0.00 0.00	-1.89 0.00 4.96	-36.72 0.00 41.51	-76.84 0.00 85.89	-78.48 0.00 84.12	-64.05 0.00 73.65	-55.05 0.00 66.74	-78.07 0.00 90.16	-78.03 0.00 93.22	-73.17 0.00 86.74	-71.91 0.00 87.67	-11.05 0.00 23.97	-56.62 0.00 72.82	17.82 0.00 63.03	19.34 0.00 0.00	15.37 0.00 0.00	15.30 0.00 0.00	13.12 0.00 0.00



HUDSON AVE_GT_3 23810	44.43 0.18 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.31 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.97 0.15 -10.75	19.04 0.24 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.05 0.59 -5.78	21.43 0.61 -8.72	15.97 0.78 0.00	14.27 0.71 0.00	16.56 0.80 0.00	36.74 0.64 -23.18	32.70 0.84 -15.66	91.17 4.37 -5.94	20.36 1.03 0.00	16.19 0.82 0.00	16.15 0.80 -0.05	18.10 0.68 -4.30
HUDSON AVE_GT_4 23540	44.43 0.18 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.31 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.97 0.15 -10.75	19.04 0.24 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.05 0.59 -5.78	21.43 0.61 -8.72	15.97 0.78 0.00	14.27 0.71 0.00	16.56 0.80 0.00	36.74 0.64 -23.18	32.70 0.84 -15.66	91.17 4.37 -5.94	20.36 1.03 0.00	16.19 0.82 0.00	16.15 0.80 -0.05	18.10 0.68 -4.30
HUDSON AVE_GT_5 23657	44.43 0.18 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.31 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.97 0.15 -10.75	19.04 0.24 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.05 0.59 -5.78	21.43 0.61 -8.72	15.97 0.78 0.00	14.27 0.71 0.00	16.56 0.80 0.00	36.74 0.64 -23.18	32.70 0.84 -15.66	91.17 4.37 -5.94	20.36 1.03 0.00	16.19 0.82 0.00	16.15 0.80 -0.05	18.10 0.68 -4.30
HUDSON_AVE_10 24168	42.56 0.16 -39.17	14.94 0.16 -11.23	15.66 0.14 -12.06	4.29 0.17 0.00	4.87 0.21 -0.14	14.57 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.02 0.22 -14.00	22.59 0.44 -13.10	32.80 0.26 -26.90	19.71 0.43 -9.68	17.99 0.52 -5.78	21.36 0.55 -8.72	15.89 0.69 0.00	14.20 0.64 0.00	16.47 0.71 0.00	36.67 0.57 -23.18	32.62 0.76 -15.66	90.73 3.94 -5.94	20.26 0.92 0.00	16.10 0.73 0.00	16.07 0.72 -0.05	18.03 0.62 -4.30
HUNTER MOUNT___DRP 323613	49.71 0.16 -46.33	18.04 0.17 -14.33	17.30 0.15 -13.69	4.29 0.17 0.00	4.88 0.20 -0.16	16.31 0.07 -14.56	20.99 0.05 -20.00	15.42 0.15 -12.20	20.95 0.26 -15.89	24.43 0.51 -14.88	36.50 0.32 -30.54	21.12 0.54 -10.98	18.86 0.64 -6.52	22.60 0.66 -9.85	15.99 0.80 0.00	14.27 0.71 0.00	16.59 0.84 0.00	39.80 0.71 -26.18	34.81 0.93 -17.68	92.48 4.91 -6.71	20.42 1.08 0.00	16.18 0.80 0.00	16.12 0.76 -0.06	18.47 0.63 -4.72
HUNTINGTON_RES_REC 323705	44.44 0.18 -41.04	16.39 0.17 -12.68	15.67 0.14 -12.07	4.29 0.17 0.00	4.88 0.22 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.97 0.14 -10.76	19.04 0.23 -14.01	22.64 0.48 -13.12	32.86 0.28 -26.93	19.77 0.49 -9.69	18.04 0.57 -5.78	21.43 0.62 -8.72	15.96 0.77 0.00	14.27 0.71 0.00	16.60 0.84 0.00	36.83 0.73 -23.19	32.90 1.04 -15.66	92.31 5.51 -5.94	20.58 1.24 0.00	16.40 1.03 0.00	16.29 0.93 -0.05	18.17 0.76 -4.30
HUNTLEY___63 23557	5.96 -0.16 -2.90	4.25 -0.15 -0.85	4.07 -0.09 -0.71	4.07 -0.04 0.00	4.40 -0.13 -0.01	2.37 -0.07 -0.76	1.95 -0.04 -1.05	3.60 -0.11 -0.64	5.30 -0.32 -0.83	9.19 -0.63 -0.78	6.84 -0.40 -1.59	9.51 -0.68 -0.59	11.23 -0.87 -0.41	11.83 -0.88 -0.61	14.11 -1.08 0.00	12.63 -0.93 0.00	14.58 -1.18 0.00	13.55 -1.01 -1.64	13.94 -1.36 0.91	129.66 -6.91 -55.71	17.80 -1.54 0.00	14.31 -1.07 0.00	14.43 -0.88 0.00	12.61 -0.82 -0.30
HUNTLEY___64 23558	5.96 -0.16 -2.90	4.25 -0.15 -0.85	4.07 -0.09 -0.71	4.07 -0.04 0.00	4.40 -0.13 -0.01	2.37 -0.07 -0.76	1.95 -0.04 -1.05	3.60 -0.11 -0.64	5.30 -0.32 -0.83	9.19 -0.63 -0.78	6.84 -0.40 -1.59	9.51 -0.68 -0.59	11.23 -0.87 -0.41	11.83 -0.88 -0.61	14.11 -1.08 0.00	12.63 -0.93 0.00	14.58 -1.18 0.00	13.55 -1.01 -1.64	13.94 -1.36 0.91	129.66 -6.91 -55.71	17.80 -1.54 0.00	14.31 -1.07 0.00	14.43 -0.88 0.00	12.61 -0.82 -0.30
HUNTLEY___65 23559	5.96 -0.16 -2.90	4.25 -0.15 -0.85	4.07 -0.09 -0.71	4.07 -0.04 0.00	4.40 -0.13 -0.01	2.37 -0.07 -0.76	1.95 -0.04 -1.05	3.60 -0.11 -0.64	5.30 -0.32 -0.83	9.19 -0.63 -0.78	6.84 -0.40 -1.59	9.51 -0.68 -0.59	11.23 -0.87 -0.41	11.83 -0.88 -0.61	14.11 -1.08 0.00	12.63 -0.93 0.00	14.58 -1.18 0.00	13.55 -1.01 -1.64	13.94 -1.36 0.91	129.66 -6.91 -55.71	17.80 -1.54 0.00	14.31 -1.07 0.00	14.43 -0.88 0.00	12.61 -0.82 -0.30
HUNTLEY___66 23560	5.96 -0.16 -2.90	4.25 -0.15 -0.85	4.07 -0.09 -0.71	4.07 -0.04 0.00	4.40 -0.13 -0.01	2.37 -0.07 -0.76	1.95 -0.04 -1.05	3.60 -0.11 -0.64	5.30 -0.32 -0.83	9.19 -0.63 -0.78	6.84 -0.40 -1.59	9.51 -0.68 -0.59	11.23 -0.87 -0.41	11.83 -0.88 -0.61	14.11 -1.08 0.00	12.63 -0.93 0.00	14.58 -1.18 0.00	13.55 -1.01 -1.64	13.94 -1.36 0.91	129.66 -6.91 -55.71	17.80 -1.54 0.00	14.31 -1.07 0.00	14.43 -0.88 0.00	12.61 -0.82 -0.30
HUNTLEY___67 23561	5.97 -0.19 -2.93	4.23 -0.17 -0.86	4.05 -0.12 -0.72	4.04 -0.08 0.00	4.36 -0.17 -0.01	2.36 -0.08 -0.77	1.95 -0.05 -1.05	3.58 -0.13 -0.64	5.29 -0.35 -0.84	9.14 -0.69 -0.78	6.82 -0.43 -1.61	9.45 -0.74 -0.59	11.16 -0.94 -0.41	11.76 -0.96 -0.62	14.02 -1.17 0.00	12.54 -1.02 0.00	14.47 -1.28 0.00	13.48 -1.10 -1.65	14.46 -1.46 0.27	397.02 -7.47 -323.63	17.69 -1.65 0.00	14.21 -1.17 0.00	14.33 -0.97 0.00	12.55 -0.88 -0.31
HUNTLEY___68 23562	5.97 -0.19 -2.93	4.23 -0.17 -0.86	4.05 -0.12 -0.72	4.04 -0.08 0.00	4.36 -0.17 -0.01	2.36 -0.08 -0.77	1.95 -0.05 -1.05	3.58 -0.13 -0.64	5.29 -0.35 -0.84	9.14 -0.69 -0.78	6.82 -0.43 -1.61	9.45 -0.74 -0.59	11.16 -0.94 -0.41	11.76 -0.96 -0.62	14.02 -1.17 0.00	12.54 -1.02 0.00	14.47 -1.28 0.00	13.48 -1.10 -1.65	14.46 -1.46 0.27	397.02 -7.47 -323.63	17.69 -1.65 0.00	14.21 -1.17 0.00	14.33 -0.97 0.00	12.55 -0.88 -0.31
HYLAND___LFGE 323620	6.55 0.00 -3.32	4.53 0.01 -0.97	4.30 0.03 -0.82	4.19 0.08 0.00	4.57 0.04 -0.01	2.55 0.00 -0.87	2.15 0.01 -1.19	3.84 0.04 -0.73	5.77 0.02 -0.95	9.97 0.04 -0.89	7.50 0.04 -1.82	10.33 0.06 -0.67	12.21 0.05 -0.47	12.86 0.06 -0.71	15.29 0.09 0.00	13.68 0.12 0.00	15.85 0.09 0.00	14.86 0.07 -1.87	20.11 0.08 -3.83	120.20 0.45 -38.89	19.52 0.18 0.00	15.53 0.15 0.00	15.45 0.14 0.00	13.47 0.00 -0.35
INDECK___CORINTH 23802	56.68 0.20 -53.26	20.19 0.23 -16.41	19.25 0.22 -15.58	4.37 0.26 0.00	5.00 0.30 -0.19	18.34 0.11 -16.55	23.76 0.07 -22.74	17.15 0.21 -13.88	23.24 0.36 -18.08	26.66 0.70 -16.92	40.78 0.40 -34.74	22.74 0.64 -12.51	19.91 0.72 -7.50	24.14 0.73 -11.32	15.99 0.80 0.00	14.25 0.69 0.00	16.73 0.97 0.00	43.83 0.82 -30.09	37.66 1.14 -20.33	94.64 6.07 -7.71	20.79 1.45 0.00	16.50 1.12 0.00	16.45 1.07 -0.07	19.61 0.91 -5.59
INDECK___ILION 23567	2.44 0.12 0.90	3.41 0.12 0.27	3.34 0.11 0.23	4.25 0.13 0.00	4.67 0.15 0.00	1.51 0.07 0.24	0.67 0.05 0.33	3.02 0.15 0.20	4.82 0.29 0.26	9.37 0.57 0.24	5.49 0.35 0.50	9.99 0.58 0.19	12.24 0.68 0.13	12.59 0.68 0.19	16.04 0.84 0.00	14.28 0.72 0.00	16.69 0.93 0.00	13.26 0.86 0.51	17.02 1.17 0.34	86.66 5.93 0.13	20.44 1.10 0.00	16.13 0.76 0.00	15.98 0.67 0.00	13.54 0.51 0.09
INDECK___OLEAN 23982	6.16 -0.12 -3.06	4.34 -0.10 -0.89	4.15 -0.05 -0.75	4.12 0.00 0.00	4.45 -0.08 -0.01	2.43 -0.05 -0.80	2.04 -0.01 -1.10	3.72 -0.02 -0.67	5.52 -0.15 -0.87	9.58 -0.28 -0.82	7.17 -0.15 -1.68	9.96 -0.25 -0.62	11.77 -0.35 -0.43	12.44 -0.30 -0.65	14.83 -0.36 0.00	13.25 -0.30 0.00	15.30 -0.46 0.00	14.22 -0.41 -1.72	14.72 -0.57 0.91	251.19 -3.00 -173.33	18.89 -0.45 0.00	15.09 -0.29 0.00	15.08 -0.22 0.00	13.12 -0.32 -0.32
INDECK___OSWEGO 23783	4.48 -0.04 -1.30	3.88 -0.05 -0.38	3.73 -0.05 -0.32	4.07 -0.05 0.00	4.46 -0.06 0.00	1.99 -0.03 -0.34	1.40 -0.01 -0.47	3.32 -0.04 -0.28	5.11 -0.06 -0.37	9.28 -0.12 -0.35	6.28 -0.08 -0.71	9.73 -0.13 -0.26	11.72 -0.15 -0.18	12.21 -0.16 -0.28	15.00 -0.20 0.00	13.39 -0.17 0.00	15.55 -0.20 0.00	13.49 -0.16 -0.74	16.48 -0.21 -0.50	82.05 -1.08 -2.27	19.09 -0.25 0.00	15.19 -0.18 0.00	15.12 -0.19 0.00	13.07 -0.18 -0.14



INDECK____YERKES 23781	5.96 -0.16 -2.90	4.25 -0.15 -0.85	4.07 -0.09 -0.71	4.07 -0.04 0.00	4.40 -0.13 -0.01	2.37 -0.07 -0.76	1.95 -0.04 -1.05	3.60 -0.11 -0.64	5.30 -0.32 -0.83	9.19 -0.63 -0.78	6.84 -0.40 -1.59	9.51 -0.68 -0.59	11.23 -0.87 -0.41	11.83 -0.88 -0.61	14.11 -1.08 0.00	12.63 -0.93 0.00	14.58 -1.18 0.00	13.55 -1.01 -1.64	13.94 -1.36 0.91	129.66 -6.91 -55.71	17.80 -1.54 0.00	14.31 -1.07 0.00	14.43 -0.88 0.00	12.61 -0.82 -0.30
INDIAN POINT_GT_1 24139	43.97 0.14 -40.61	16.15 0.15 -12.46	15.31 0.13 -11.72	4.27 0.15 0.00	4.84 0.18 -0.14	14.20 0.07 -12.46	18.10 0.04 -17.12	13.64 0.12 -10.45	18.61 0.20 -13.61	22.18 0.40 -12.74	32.04 0.24 -26.15	19.44 0.42 -9.43	17.91 0.50 -5.72	21.25 0.53 -8.63	15.86 0.66 0.00	14.16 0.60 0.00	16.44 0.68 0.00	36.41 0.55 -22.94	32.42 0.73 -15.50	90.53 3.79 -5.88	20.21 0.88 0.00	16.07 0.69 0.00	16.02 0.66 -0.05	17.93 0.56 -4.25
INDIAN POINT_GT_2 23659	43.97 0.14 -40.61	16.15 0.15 -12.46	15.31 0.13 -11.72	4.27 0.15 0.00	4.84 0.18 -0.14	14.20 0.07 -12.46	18.10 0.04 -17.12	13.64 0.12 -10.45	18.61 0.20 -13.61	22.18 0.40 -12.74	32.04 0.24 -26.15	19.44 0.42 -9.43	17.91 0.50 -5.72	21.25 0.53 -8.63	15.86 0.66 0.00	14.16 0.60 0.00	16.44 0.68 0.00	36.41 0.55 -22.94	32.42 0.73 -15.50	90.53 3.79 -5.88	20.21 0.88 0.00	16.07 0.69 0.00	16.02 0.66 -0.05	17.93 0.56 -4.25
INDIAN POINT_GT_3 24019	43.97 0.14 -40.61	16.15 0.15 -12.46	15.31 0.13 -11.72	4.27 0.15 0.00	4.84 0.18 -0.14	14.20 0.07 -12.46	18.10 0.04 -17.12	13.64 0.12 -10.45	18.61 0.20 -13.61	22.18 0.40 -12.74	32.04 0.24 -26.15	19.44 0.42 -9.43	17.91 0.50 -5.72	21.25 0.53 -8.63	15.86 0.66 0.00	14.16 0.60 0.00	16.44 0.68 0.00	36.41 0.55 -22.94	32.42 0.73 -15.50	90.53 3.79 -5.88	20.21 0.88 0.00	16.07 0.69 0.00	16.02 0.66 -0.05	17.93 0.56 -4.25
INDIAN POINT____2 23530	43.31 0.14 -39.95	15.88 0.14 -12.19	14.92 0.12 -11.35	4.26 0.14 0.00	4.83 0.17 -0.14	13.80 0.06 -12.06	17.55 0.03 -16.57	13.29 0.11 -10.11	18.16 0.19 -13.17	21.75 0.38 -12.33	31.18 0.23 -25.31	19.14 0.40 -9.15	17.80 0.48 -5.62	21.09 0.51 -8.49	15.83 0.64 0.00	14.14 0.58 0.00	16.41 0.66 0.00	36.02 0.53 -22.57	32.14 0.70 -15.25	90.28 3.64 -5.78	20.17 0.84 0.00	16.04 0.66 0.00	16.00 0.64 -0.05	17.84 0.54 -4.18
INDIAN POINT____3 23531	44.00 0.13 -40.64	16.15 0.13 -12.47	15.31 0.12 -11.73	4.26 0.14 0.00	4.82 0.17 -0.14	14.21 0.06 -12.47	18.11 0.03 -17.13	13.63 0.11 -10.45	18.60 0.19 -13.62	22.16 0.37 -12.75	32.04 0.23 -26.17	19.42 0.39 -9.44	17.88 0.47 -5.72	21.23 0.50 -8.64	15.81 0.62 0.00	14.12 0.56 0.00	16.40 0.64 0.00	36.40 0.52 -22.96	32.39 0.68 -15.51	90.29 3.55 -5.88	20.15 0.82 0.00	16.02 0.65 0.00	15.98 0.63 -0.05	17.90 0.52 -4.25
IP CORINTH____1 23988	56.68 0.20 -53.26	20.19 0.23 -16.41	19.25 0.22 -15.58	4.37 0.26 0.00	5.00 0.30 -0.19	18.34 0.11 -16.55	23.76 0.07 -22.74	17.15 0.21 -13.88	23.24 0.36 -18.08	26.66 0.70 -16.92	40.78 0.40 -34.74	22.74 0.64 -12.51	19.91 0.72 -7.50	24.14 0.73 -11.32	15.99 0.80 0.00	14.25 0.69 0.00	16.73 0.97 0.00	43.83 0.82 -30.09	37.66 1.14 -20.33	94.64 6.07 -7.71	20.79 1.45 0.00	16.50 1.12 0.00	16.45 1.07 -0.07	19.61 0.91 -5.59
IP____TICONDEROGA 23804	55.27 0.24 -51.81	19.81 0.27 -15.99	18.93 0.27 -15.21	4.42 0.30 0.00	5.05 0.35 -0.18	17.97 0.13 -16.17	23.24 0.08 -22.21	16.87 0.25 -13.56	22.89 0.44 -17.66	26.41 0.84 -16.53	40.10 0.53 -33.93	22.67 0.87 -12.21	20.02 1.03 -7.29	24.21 1.11 -11.01	16.49 1.29 0.00	14.66 1.10 0.00	17.14 1.38 0.00	43.34 1.15 -29.27	37.28 1.31 -19.77	94.65 6.30 -7.50	20.83 1.49 0.00	16.55 1.18 0.00	16.58 1.20 -0.07	19.66 1.11 -5.43
ISLIP_RES_REC 323679	44.50 0.24 -41.04	16.46 0.24 -12.68	15.74 0.21 -12.07	4.37 0.25 0.00	4.96 0.30 -0.15	14.62 0.11 -12.83	18.63 0.06 -17.63	14.03 0.20 -10.76	19.14 0.33 -14.01	22.83 0.66 -13.12	32.97 0.40 -26.93	19.97 0.68 -9.69	18.28 0.81 -5.78	21.67 0.85 -8.72	16.26 1.07 0.00	14.53 0.97 0.00	16.93 1.17 0.00	37.12 1.02 -23.19	33.31 1.45 -15.66	94.48 7.68 -5.94	21.05 1.71 0.00	16.76 1.39 0.00	16.62 1.26 -0.05	18.42 1.01 -4.30
JARVIS____ 23743	2.31 -0.01 0.90	3.27 -0.01 0.27	3.22 -0.01 0.23	4.10 -0.02 0.00	4.50 -0.01 0.00	1.43 0.00 0.24	0.62 0.00 0.33	2.86 -0.01 0.20	4.53 -0.01 0.26	8.78 -0.02 0.24	5.13 -0.01 0.50	9.39 -0.02 0.19	11.54 -0.03 0.13	11.87 -0.03 0.19	15.16 -0.03 0.00	13.52 -0.04 0.00	15.72 -0.03 0.00	12.37 -0.04 0.51	15.82 -0.04 0.34	80.57 -0.16 0.13	19.30 -0.04 0.00	15.35 -0.03 0.00	15.27 -0.04 0.00	13.00 -0.03 0.09
JENNISON____1 23625	9.82 0.14 -6.46	5.58 0.15 -1.88	5.19 0.14 -1.59	4.30 0.18 0.00	4.73 0.19 -0.02	3.43 0.07 -1.69	3.31 0.04 -2.32	4.63 0.15 -1.42	6.91 0.27 -1.85	11.27 0.50 -1.73	9.51 0.32 -3.55	11.42 0.52 -1.30	13.22 0.62 -0.91	14.11 0.64 -1.37	16.01 0.82 0.00	14.30 0.74 0.00	16.60 0.85 0.00	17.27 0.71 -3.65	19.96 0.91 -2.86	95.83 4.68 -10.30	20.38 1.04 0.00	16.15 0.77 0.00	16.02 0.70 -0.01	14.36 0.57 -0.67
JENNISON____2 23626	9.82 0.14 -6.46	5.57 0.14 -1.88	5.19 0.14 -1.59	4.29 0.18 0.00	4.72 0.19 -0.02	3.43 0.07 -1.69	3.31 0.04 -2.32	4.63 0.14 -1.42	6.90 0.26 -1.85	11.26 0.48 -1.73	9.50 0.31 -3.55	11.41 0.51 -1.30	13.20 0.60 -0.91	14.09 0.63 -1.37	15.99 0.79 0.00	14.27 0.71 0.00	16.58 0.82 0.00	17.25 0.68 -3.65	19.94 0.88 -2.86	95.69 4.53 -10.30	20.34 1.01 0.00	16.12 0.75 0.00	15.99 0.68 -0.01	14.34 0.55 -0.67
KEDC PORT_JEFF_GT2 24210	44.46 0.20 -41.04	16.42 0.19 -12.68	15.70 0.17 -12.07	4.32 0.20 0.00	4.92 0.25 -0.15	14.60 0.10 -12.83	18.63 0.05 -17.63	13.99 0.16 -10.76	19.07 0.26 -14.01	22.70 0.54 -13.12	32.89 0.32 -26.93	19.83 0.54 -9.69	18.10 0.63 -5.78	21.50 0.68 -8.72	16.04 0.84 0.00	14.33 0.77 0.00	16.68 0.93 0.00	36.91 0.80 -23.19	33.02 1.15 -15.66	92.96 6.16 -5.94	20.71 1.37 0.00	16.51 1.14 0.00	16.39 1.03 -0.05	18.24 0.82 -4.30
KEDC PORT_JEFF_GT3 24211	44.46 0.20 -41.04	16.42 0.19 -12.68	15.70 0.17 -12.07	4.32 0.20 0.00	4.92 0.25 -0.15	14.60 0.10 -12.83	18.63 0.05 -17.63	13.99 0.16 -10.76	19.07 0.26 -14.01	22.70 0.54 -13.12	32.89 0.32 -26.93	19.83 0.54 -9.69	18.10 0.63 -5.78	21.50 0.68 -8.72	16.04 0.84 0.00	14.33 0.77 0.00	16.68 0.93 0.00	36.91 0.80 -23.19	33.02 1.15 -15.66	92.96 6.16 -5.94	20.71 1.37 0.00	16.51 1.14 0.00	16.39 1.03 -0.05	18.24 0.82 -4.30
KEDC_GLWD_GT4 24219	44.43 0.17 -41.04	16.39 0.17 -12.68	15.68 0.15 -12.07	4.30 0.18 0.00	4.88 0.21 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.97 0.14 -10.76	19.05 0.23 -14.01	22.63 0.47 -13.12	32.86 0.29 -26.93	19.77 0.49 -9.69	18.05 0.58 -5.78	21.43 0.62 -8.72	15.97 0.77 0.00	14.26 0.70 0.00	16.57 0.81 0.00	36.77 0.66 -23.19	32.77 0.91 -15.66	91.51 4.72 -5.94	20.42 1.09 0.00	16.25 0.88 0.00	16.18 0.82 -0.05	18.10 0.68 -4.30
KEDC_GLWD_GT5 24220	44.43 0.17 -41.04	16.39 0.17 -12.68	15.68 0.15 -12.07	4.30 0.18 0.00	4.88 0.21 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.97 0.14 -10.76	19.05 0.23 -14.01	22.63 0.47 -13.12	32.86 0.29 -26.93	19.77 0.49 -9.69	18.05 0.58 -5.78	21.43 0.62 -8.72	15.97 0.77 0.00	14.26 0.70 0.00	16.57 0.81 0.00	36.77 0.66 -23.19	32.77 0.91 -15.66	91.51 4.72 -5.94	20.42 1.09 0.00	16.25 0.88 0.00	16.18 0.82 -0.05	18.10 0.68 -4.30
KENSICO____ 23655	44.34 0.16 -40.96	16.33 0.16 -12.63	15.58 0.14 -11.98	4.28 0.16 0.00	4.86 0.19 -0.14	14.48 0.07 -12.73	18.48 0.04 -17.49	13.87 0.13 -10.67	18.92 0.22 -13.90	22.49 0.43 -13.01	32.62 0.26 -26.72	19.67 0.45 -9.62	18.00 0.54 -5.77	21.37 0.57 -8.71	15.91 0.71 0.00	14.20 0.64 0.00	16.49 0.74 0.00	36.66 0.60 -23.15	32.62 0.78 -15.63	90.84 4.06 -5.93	20.28 0.94 0.00	16.12 0.75 0.00	16.08 0.72 -0.05	18.02 0.61 -4.29



KIAC_JFK_GT1 23816	42.54 0.14 -39.17	14.92 0.14 -11.23	15.65 0.13 -12.06	4.28 0.16 0.00	4.87 0.21 -0.14	14.57 0.08 -12.82	18.60 0.03 -17.61	13.96 0.14 -10.75	19.00 0.20 -14.00	22.55 0.40 -13.10	32.77 0.22 -26.90	19.66 0.38 -9.68	17.93 0.46 -5.78	21.30 0.49 -8.72	15.81 0.62 0.00	14.13 0.57 0.00	16.39 0.63 0.00	36.60 0.50 -23.18	32.54 0.69 -15.66	90.35 3.55 -5.94	20.17 0.83 0.00	16.02 0.65 0.00	16.00 0.64 -0.05	17.98 0.56 -4.30
KIAC_JFK_GT2 23817	42.54 0.14 -39.17	14.92 0.14 -11.23	15.65 0.13 -12.06	4.28 0.16 0.00	4.87 0.21 -0.14	14.57 0.08 -12.82	18.60 0.03 -17.61	13.96 0.14 -10.75	19.00 0.20 -14.00	22.55 0.40 -13.10	32.77 0.22 -26.90	19.66 0.38 -9.68	17.93 0.46 -5.78	21.30 0.49 -8.72	15.81 0.62 0.00	14.13 0.57 0.00	16.39 0.63 0.00	36.60 0.50 -23.18	32.54 0.69 -15.66	90.35 3.55 -5.94	20.17 0.83 0.00	16.02 0.65 0.00	16.00 0.64 -0.05	17.98 0.56 -4.30
KINTIGH____ 23543	5.57 -0.18 -2.52	4.11 -0.17 -0.73	3.95 -0.13 -0.62	4.02 -0.10 0.00	4.35 -0.17 -0.01	2.25 -0.08 -0.66	1.80 -0.05 -0.90	3.49 -0.13 -0.55	5.20 -0.32 -0.72	9.09 -0.63 -0.67	6.63 -0.40 -1.38	9.43 -0.68 -0.51	11.20 -0.85 -0.35	11.76 -0.87 -0.54	14.13 -1.07 0.00	12.62 -0.94 0.00	14.59 -1.17 0.00	13.35 -0.98 -1.42	14.40 -1.30 0.50	41.82 -6.62 32.43	17.85 -1.48 0.00	14.32 -1.06 0.00	14.40 -0.90 0.00	12.57 -0.82 -0.26
LEDERLE____ 23769	42.53 0.18 -39.13	15.59 0.18 -11.86	14.49 0.17 -10.88	4.31 0.20 0.00	4.88 0.23 -0.13	13.32 0.08 -11.56	16.87 0.05 -15.88	12.91 0.15 -9.69	17.67 0.25 -12.62	21.35 0.49 -11.81	30.20 0.30 -24.26	18.91 0.52 -8.79	17.84 0.64 -5.51	21.08 0.67 -8.31	16.03 0.84 0.00	14.32 0.76 0.00	16.63 0.87 0.00	35.73 0.71 -22.11	32.05 0.92 -14.94	91.30 4.78 -5.66	20.45 1.11 0.00	16.25 0.88 0.00	16.20 0.85 -0.05	17.93 0.71 -4.10
LINDEN COGEN____ 23786	44.41 0.16 -41.03	16.39 0.17 -12.67	15.66 0.14 -12.06	4.29 0.17 0.00	4.86 0.20 -0.14	14.57 0.08 -12.82	18.60 0.04 -17.61	13.95 0.13 -10.75	19.02 0.22 -14.00	22.59 0.44 -13.10	32.81 0.26 -26.91	19.71 0.43 -9.68	17.99 0.52 -5.78	21.36 0.55 -8.72	15.88 0.69 0.00	14.19 0.63 0.00	16.48 0.72 0.00	36.66 0.56 -23.18	32.60 0.75 -15.66	90.69 3.89 -5.94	20.25 0.92 0.00	16.11 0.73 0.00	16.07 0.72 -0.05	18.02 0.61 -4.30
LIPA_MISC_IPP 23656	44.45 0.19 -41.04	16.41 0.19 -12.68	15.69 0.16 -12.07	4.31 0.20 0.00	4.91 0.24 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.16 -10.76	19.06 0.25 -14.01	22.68 0.51 -13.12	32.87 0.30 -26.93	19.79 0.50 -9.69	18.06 0.59 -5.78	21.45 0.63 -8.72	15.98 0.78 0.00	14.28 0.72 0.00	16.62 0.87 0.00	36.86 0.76 -23.19	32.97 1.11 -15.66	92.71 5.91 -5.94	20.64 1.31 0.00	16.47 1.09 0.00	16.34 0.98 -0.05	18.20 0.79 -4.30
LISF____SOLAR 323691	44.46 0.20 -41.04	16.41 0.19 -12.68	15.69 0.16 -12.07	4.32 0.20 0.00	4.91 0.25 -0.15	14.60 0.10 -12.83	18.62 0.05 -17.63	13.99 0.16 -10.76	19.07 0.26 -14.01	22.68 0.52 -13.12	32.87 0.30 -26.93	19.79 0.51 -9.69	18.06 0.59 -5.78	21.45 0.63 -8.72	15.97 0.78 0.00	14.28 0.72 0.00	16.63 0.87 0.00	36.87 0.77 -23.19	32.98 1.12 -15.66	92.77 5.97 -5.94	20.66 1.32 0.00	16.47 1.10 0.00	16.35 0.99 -0.05	18.21 0.80 -4.30
LITTLE FALLS____HYD 24013	2.42 0.10 0.90	3.38 0.09 0.27	3.31 0.08 0.23	4.22 0.10 0.00	4.63 0.12 0.00	1.50 0.06 0.24	0.66 0.04 0.33	2.99 0.12 0.20	4.78 0.24 0.26	9.28 0.48 0.24	5.43 0.30 0.50	9.89 0.48 0.19	12.13 0.56 0.13	12.47 0.56 0.19	15.89 0.69 0.00	14.15 0.59 0.00	16.52 0.76 0.00	13.12 0.71 0.51	16.83 0.97 0.34	85.67 4.95 0.13	20.23 0.89 0.00	15.98 0.60 0.00	15.83 0.53 0.00	13.43 0.41 0.09
LI_NEWBRDGE____DRP 323616	44.41 0.15 -41.04	16.36 0.14 -12.68	15.65 0.12 -12.07	4.26 0.14 0.00	4.85 0.18 -0.15	14.58 0.07 -12.83	18.61 0.04 -17.63	13.94 0.12 -10.76	19.00 0.19 -14.01	22.55 0.39 -13.12	32.81 0.24 -26.93	19.68 0.40 -9.69	17.92 0.45 -5.78	21.31 0.49 -8.72	15.80 0.61 0.00	14.12 0.56 0.00	16.41 0.66 0.00	36.66 0.56 -23.19	32.65 0.79 -15.66	90.94 4.15 -5.94	20.28 0.95 0.00	16.16 0.78 0.00	16.08 0.73 -0.05	18.02 0.60 -4.30
LONG_LAKE_PHOENIX 24014	4.55 -0.03 -1.36	3.91 -0.03 -0.39	3.76 -0.03 -0.33	4.09 -0.02 0.00	4.48 -0.03 0.00	2.01 -0.02 -0.35	1.43 -0.01 -0.49	3.34 -0.02 -0.30	5.15 -0.04 -0.39	9.33 -0.07 -0.36	6.34 -0.04 -0.74	9.80 -0.07 -0.28	11.79 -0.09 -0.19	12.29 -0.09 -0.29	15.08 -0.11 0.00	13.47 -0.09 0.00	15.65 -0.11 0.00	13.59 -0.09 -0.77	16.61 -0.11 -0.52	82.06 -0.56 -1.77	19.21 -0.13 0.00	15.27 -0.10 0.00	15.20 -0.11 0.00	13.14 -0.12 -0.14
LOVETT____3 23632	42.69 0.10 -39.37	15.59 0.10 -11.95	14.54 0.08 -11.00	4.22 0.10 0.00	4.77 0.12 -0.13	13.41 0.05 -11.69	17.03 0.02 -16.06	12.95 0.08 -9.80	17.70 0.14 -12.76	21.27 0.27 -11.95	30.33 0.17 -24.53	18.77 0.29 -8.88	17.58 0.34 -5.54	20.83 0.36 -8.37	15.65 0.46 0.00	13.98 0.42 0.00	16.23 0.47 0.00	35.54 0.37 -22.25	31.72 0.50 -15.03	89.20 2.64 -5.70	19.93 0.60 0.00	15.85 0.48 0.00	15.81 0.46 -0.05	17.63 0.39 -4.12
LOVETT____4 23642	42.77 0.14 -39.40	15.65 0.15 -11.96	14.60 0.13 -11.01	4.27 0.15 0.00	4.83 0.18 -0.13	13.45 0.07 -11.71	17.07 0.04 -16.08	13.00 0.12 -9.81	17.78 0.20 -12.78	21.40 0.40 -11.97	30.45 0.24 -24.57	18.91 0.42 -8.89	17.74 0.50 -5.55	21.00 0.53 -8.37	15.86 0.67 0.00	14.17 0.61 0.00	16.45 0.69 0.00	35.74 0.56 -22.27	31.97 0.73 -15.04	90.36 3.80 -5.70	20.21 0.88 0.00	16.07 0.69 0.00	16.02 0.67 -0.05	17.81 0.56 -4.12
LOVETT____5 23593	42.77 0.14 -39.40	15.65 0.15 -11.96	14.60 0.13 -11.01	4.27 0.15 0.00	4.83 0.18 -0.13	13.45 0.07 -11.71	17.07 0.04 -16.08	13.00 0.12 -9.81	17.78 0.20 -12.78	21.40 0.40 -11.97	30.45 0.24 -24.57	18.91 0.42 -8.89	17.74 0.50 -5.55	21.00 0.53 -8.37	15.86 0.67 0.00	14.17 0.61 0.00	16.45 0.69 0.00	35.74 0.56 -22.27	31.97 0.73 -15.04	90.36 3.80 -5.70	20.21 0.88 0.00	16.07 0.69 0.00	16.02 0.67 -0.05	17.81 0.56 -4.12
LOWER RAQUET____HYD 24057	1.75 -0.35 1.13	2.83 -0.39 0.33	2.80 -0.38 0.28	3.62 -0.49 0.00	3.99 -0.52 0.00	1.23 -0.14 0.30	0.46 -0.08 0.41	2.38 -0.44 0.25	4.01 -0.46 0.33	7.85 -0.89 0.31	4.46 -0.55 0.63	8.45 -0.92 0.23	10.39 -1.15 0.16	10.41 -1.45 0.24	13.38 -1.82 0.00	11.84 -1.72 0.00	13.76 -2.00 0.00	10.66 -1.62 0.64	13.66 -2.11 0.43	117.55 -9.68 -46.37	17.23 -2.10 0.00	13.81 -1.56 0.00	14.10 -1.20 0.00	12.19 -0.81 0.12
LOWER____HUDSON 24059	55.72 0.12 -52.38	19.84 0.13 -16.16	18.94 0.13 -15.36	4.27 0.15 0.00	4.88 0.17 -0.18	18.06 0.06 -16.32	23.41 0.04 -22.42	16.87 0.12 -13.68	22.82 0.20 -17.82	26.11 0.39 -16.68	40.13 0.24 -34.25	22.33 0.40 -12.33	19.55 0.48 -7.38	23.71 0.49 -11.13	15.76 0.57 0.00	14.05 0.49 0.00	16.39 0.63 0.00	43.05 0.54 -29.60	36.84 0.65 -19.99	91.68 3.24 -7.58	20.11 0.77 0.00	15.97 0.60 0.00	15.96 0.59 -0.07	19.13 0.52 -5.50
LWR____OSWEGATCHIE_HYD 23850	3.03 -0.19 0.00	3.33 -0.22 0.00	3.25 -0.21 0.00	3.84 -0.28 0.00	4.22 -0.30 0.00	1.59 -0.08 0.00	0.91 -0.04 0.00	2.83 -0.24 0.00	4.59 -0.21 0.00	8.64 -0.40 0.00	5.38 -0.26 0.00	9.17 -0.43 0.00	11.14 -0.55 0.00	11.36 -0.74 0.00	14.28 -0.92 0.00	12.68 -0.88 0.00	14.72 -1.03 0.00	12.09 -0.82 0.00	15.10 -1.10 0.00	107.87 -4.80 -31.82	18.25 -1.08 0.00	14.61 -0.77 0.00	14.72 -0.58 0.00	12.71 -0.41 0.00
LYONS_FALL_HYD 23570	3.18 -0.04 0.00	3.50 -0.05 0.00	3.41 -0.05 0.00	4.05 -0.07 0.00	4.45 -0.07 0.00	1.66 -0.02 0.00	0.94 -0.01 0.00	3.02 -0.05 0.00	4.80 0.00 0.00	9.06 0.01 0.00	5.65 0.01 0.00	9.61 0.02 0.00	11.70 0.00 0.00	12.04 -0.05 0.00	15.12 -0.08 0.00	13.48 -0.09 0.00	15.66 -0.10 0.00	12.86 -0.05 0.00	16.12 -0.08 0.00	90.72 -0.15 -10.02	19.28 -0.05 0.00	15.35 -0.02 0.00	15.29 -0.02 0.00	13.09 -0.02 0.00



MADISON___COUNTY_LFGE 323628	3.24 0.01 0.00	3.57 0.02 0.00	3.47 0.02 0.00	4.14 0.02 0.00	4.54 0.02 0.00	1.68 0.00 0.00	0.95 0.00 0.00	3.08 0.02 0.00	4.85 0.05 0.00	9.16 0.11 0.00	5.71 0.07 0.00	9.72 0.13 0.00	11.84 0.15 0.00	12.24 0.14 0.00	15.38 0.19 0.00	13.72 0.16 0.00	15.95 0.19 0.00	13.09 0.17 0.00	16.41 0.21 0.00	84.29 1.09 -2.34	19.56 0.23 0.00	15.53 0.16 0.00	15.45 0.14 0.00	13.22 0.10 0.00
MAPLE_RIDGE_WT_1 323574	0.99 -0.20 2.04	2.74 -0.21 0.60	2.72 -0.23 0.51	3.81 -0.30 0.00	4.20 -0.32 0.01	1.03 -0.10 0.54	0.14 -0.07 0.74	2.36 -0.25 0.45	3.89 -0.32 0.59	7.90 -0.59 0.55	4.16 -0.35 1.13	8.56 -0.62 0.41	10.70 -0.70 0.29	10.88 -0.78 0.43	14.29 -0.91 0.00	12.74 -0.82 0.00	14.82 -0.93 0.00	11.00 -0.77 1.15	14.49 -0.93 0.78	68.98 -4.43 7.45	18.39 -0.94 0.00	14.53 -0.85 0.00	14.28 -1.02 0.00	12.14 -0.77 0.21
MAPLE_RIDGE_WT_2 323611	0.99 -0.20 2.04	2.74 -0.21 0.60	2.72 -0.23 0.51	3.81 -0.30 0.00	4.20 -0.32 0.01	1.03 -0.10 0.54	0.14 -0.07 0.74	2.36 -0.25 0.45	3.89 -0.32 0.59	7.90 -0.59 0.55	4.16 -0.35 1.13	8.56 -0.62 0.41	10.70 -0.70 0.29	10.88 -0.78 0.43	14.29 -0.91 0.00	12.74 -0.82 0.00	14.82 -0.93 0.00	11.00 -0.77 1.15	14.49 -0.93 0.78	68.98 -4.43 7.45	18.39 -0.94 0.00	14.53 -0.85 0.00	14.28 -1.02 0.00	12.14 -0.77 0.21
MARBLE_RIVER_WT_PWR 323696	1.26 -0.40 1.56	2.63 -0.46 0.46	2.63 -0.44 0.39	3.56 -0.56 0.00	3.92 -0.59 0.00	1.10 -0.16 0.41	0.30 -0.08 0.57	-2.73 -0.49 5.31	-37.75 -0.57 41.97	-78.33 -1.07 86.31	-80.00 -0.65 84.99	-65.49 -1.12 73.97	-56.66 -1.39 66.96	-80.00 -1.60 90.50	-79.99 -1.96 93.22	-74.99 -1.82 86.74	-74.00 -2.08 87.67	-13.67 -1.73 24.85	-59.39 -2.18 73.41	-18.10 -10.88 88.08	17.07 -2.26 0.00	13.61 -1.77 0.00	13.83 -1.48 0.00	11.89 -1.07 0.16
MG INDUSTRY___DRP 24185	54.99 0.06 -51.70	19.58 0.07 -15.96	18.71 0.07 -15.18	4.20 0.08 0.00	4.80 0.10 -0.18	17.85 0.04 -16.14	23.14 0.03 -22.17	16.67 0.07 -13.53	22.53 0.10 -17.62	25.74 0.19 -16.50	39.62 0.11 -33.87	21.99 0.20 -12.19	19.22 0.25 -7.28	23.32 0.24 -10.99	15.48 0.28 0.00	13.81 0.25 0.00	16.07 0.31 0.00	42.39 0.27 -29.22	36.25 0.32 -19.73	89.90 1.56 -7.48	19.69 0.35 0.00	15.64 0.27 0.00	15.67 0.30 -0.07	18.83 0.27 -5.43
MID___OSWEGATCHIE_HYD 23849	3.03 -0.19 0.00	3.33 -0.22 0.00	3.25 -0.21 0.00	3.84 -0.28 0.00	4.22 -0.30 0.00	1.59 -0.08 0.00	0.91 -0.04 0.00	2.83 -0.24 0.00	4.59 -0.21 0.00	8.64 -0.40 0.00	5.38 -0.26 0.00	9.17 -0.43 0.00	11.14 -0.55 0.00	11.36 -0.74 0.00	14.28 -0.92 0.00	12.68 -0.88 0.00	14.72 -1.03 0.00	12.09 -0.82 0.00	15.10 -1.10 0.00	107.87 -4.80 -31.82	18.25 -1.08 0.00	14.61 -0.77 0.00	14.72 -0.58 0.00	12.71 -0.41 0.00
MID___RAQUETTE_HYD 23851	1.75 -0.35 1.13	2.83 -0.39 0.33	2.80 -0.38 0.28	3.62 -0.49 0.00	3.99 -0.52 0.00	1.23 -0.14 0.30	0.46 -0.08 0.41	2.38 -0.44 0.25	4.01 -0.46 0.33	7.85 -0.89 0.31	4.46 -0.55 0.63	8.45 -0.92 0.23	10.39 -1.15 0.16	10.41 -1.45 0.24	13.38 -1.82 0.00	11.84 -1.72 0.00	13.76 -2.00 0.00	10.66 -1.62 0.64	13.66 -2.11 0.43	117.55 -9.68 -46.37	17.23 -2.10 0.00	13.81 -1.56 0.00	14.10 -1.20 0.00	12.19 -0.81 0.12
MILLIKEN___1 23584	6.41 0.01 -3.18	4.48 0.01 -0.93	4.25 0.01 -0.78	4.14 0.03 0.00	4.55 0.02 -0.01	2.51 0.00 -0.83	2.10 0.01 -1.14	3.79 0.02 -0.70	5.75 0.04 -0.91	9.97 0.07 -0.85	7.44 0.05 -1.75	10.32 0.07 -0.64	12.24 0.09 -0.45	12.88 0.11 -0.67	15.35 0.15 0.00	13.69 0.13 0.00	15.89 0.13 0.00	14.83 0.12 -1.80	17.56 0.15 -1.21	81.57 0.25 -0.46	19.51 0.18 0.00	15.51 0.13 0.00	15.41 0.10 0.00	13.51 0.05 -0.33
MILLIKEN___2 23585	6.41 0.01 -3.18	4.48 0.01 -0.93	4.25 0.01 -0.78	4.14 0.03 0.00	4.55 0.02 -0.01	2.51 0.00 -0.83	2.10 0.01 -1.14	3.79 0.02 -0.70	5.75 0.04 -0.91	9.97 0.07 -0.85	7.44 0.05 -1.75	10.32 0.07 -0.64	12.24 0.09 -0.45	12.88 0.11 -0.67	15.35 0.15 0.00	13.69 0.13 0.00	15.89 0.13 0.00	14.83 0.12 -1.80	17.56 0.15 -1.21	81.57 0.25 -0.46	19.51 0.18 0.00	15.51 0.13 0.00	15.41 0.10 0.00	13.51 0.05 -0.33
MILLIKEN___DIESEL 23629	6.41 0.01 -3.18	4.48 0.01 -0.93	4.25 0.01 -0.78	4.14 0.03 0.00	4.55 0.02 -0.01	2.51 0.00 -0.83	2.10 0.01 -1.14	3.79 0.02 -0.70	5.75 0.04 -0.91	9.97 0.07 -0.85	7.44 0.05 -1.75	10.32 0.07 -0.64	12.24 0.09 -0.45	12.88 0.11 -0.67	15.35 0.15 0.00	13.69 0.13 0.00	15.89 0.13 0.00	14.83 0.12 -1.80	17.56 0.15 -1.21	81.57 0.25 -0.46	19.51 0.18 0.00	15.51 0.13 0.00	15.41 0.10 0.00	13.51 0.05 -0.33
MILLSEAT___LFGE 323607	5.75 -0.16 -2.69	4.18 -0.15 -0.78	4.02 -0.10 -0.66	4.07 -0.05 0.00	4.39 -0.14 -0.01	2.31 -0.07 -0.70	1.87 -0.04 -0.97	3.55 -0.11 -0.59	5.26 -0.31 -0.77	9.17 -0.59 -0.72	6.76 -0.36 -1.48	9.53 -0.61 -0.55	11.29 -0.78 -0.38	11.87 -0.80 -0.57	14.21 -0.99 0.00	12.72 -0.84 0.00	14.68 -1.08 0.00	13.53 -0.91 -1.52	14.39 -1.22 0.59	87.11 -6.17 -12.42	17.95 -1.39 0.00	14.40 -0.97 0.00	14.50 -0.81 0.00	12.62 -0.78 -0.28
MODEL_CITY_ENERGY 24167	5.81 -0.23 -2.82	4.15 -0.21 -0.82	3.99 -0.16 -0.69	4.01 -0.11 0.00	4.31 -0.21 -0.01	2.31 -0.10 -0.74	1.90 -0.06 -1.01	3.52 -0.17 -0.62	5.16 -0.44 -0.80	8.94 -0.86 -0.75	6.66 -0.53 -1.55	9.27 -0.90 -0.57	10.96 -1.14 -0.40	11.54 -1.16 -0.60	13.76 -1.44 0.00	12.31 -1.25 0.00	14.19 -1.57 0.00	13.17 -1.34 -1.60	13.50 -1.79 0.91	81.11 -9.09 -9.35	17.27 -2.07 0.00	13.92 -1.46 0.00	14.06 -1.25 0.00	12.28 -1.13 -0.30
MODERN_LFGE___ 323580	5.81 -0.23 -2.82	4.15 -0.21 -0.82	3.99 -0.16 -0.69	4.01 -0.11 0.00	4.31 -0.21 -0.01	2.31 -0.10 -0.74	1.90 -0.06 -1.01	3.52 -0.17 -0.62	5.16 -0.44 -0.80	8.94 -0.86 -0.75	6.66 -0.53 -1.55	9.27 -0.90 -0.57	10.96 -1.14 -0.40	11.54 -1.16 -0.60	13.76 -1.44 0.00	12.31 -1.25 0.00	14.19 -1.57 0.00	13.17 -1.34 -1.60	13.50 -1.79 0.91	81.11 -9.09 -9.35	17.27 -2.07 0.00	13.92 -1.46 0.00	14.06 -1.25 0.00	12.28 -1.13 -0.30
MOHAWK_PAPER___DRP 24187	55.73 0.08 -52.43	19.82 0.09 -16.17	18.92 0.09 -15.37	4.23 0.11 0.00	4.84 0.13 -0.18	18.06 0.05 -16.34	23.42 0.03 -22.44	16.86 0.10 -13.69	22.78 0.15 -16.70	26.02 0.28 -34.28	40.09 0.17 -12.34	22.24 0.30 -7.38	19.44 0.37 -11.14	23.59 0.36 -11.14	15.62 0.43 0.00	13.93 0.37 0.00	16.23 0.47 0.00	42.94 0.40 -29.62	36.69 0.48 -20.01	90.83 2.38 -7.59	19.89 0.55 0.00	15.80 0.43 0.00	15.81 0.44 -0.07	19.00 0.38 -5.50
MONGAUP___HYD 23641	39.50 0.17 -36.10	14.46 0.18 -10.73	13.10 0.16 -9.48	4.32 0.20 0.00	4.86 0.22 -0.11	11.83 0.08 -10.08	14.84 0.05 -13.84	11.67 0.15 -8.45	16.07 0.26 -11.00	19.85 0.51 -10.30	27.10 0.31 -21.14	17.85 0.54 -7.72	17.44 0.66 -5.08	20.46 0.69 -7.67	16.06 0.86 0.00	14.34 0.78 0.00	16.65 0.90 0.00	34.05 0.73 -20.40	30.93 0.95 -13.78	90.99 4.91 -5.22	20.47 1.13 0.00	16.25 0.87 0.00	16.18 0.83 -0.05	17.58 0.69 -3.78
MONTAUK___DIESEL 23721	44.60 0.34 -41.04	16.56 0.34 -12.68	15.83 0.30 -12.07	4.49 0.37 0.00	5.10 0.44 -0.15	14.67 0.16 -12.83	18.67 0.09 -17.63	14.12 0.29 -10.76	19.31 0.50 -14.01	23.18 1.02 -13.12	33.20 0.63 -26.93	20.35 1.07 -9.69	18.73 1.26 -5.78	22.13 1.32 -8.72	16.84 1.64 0.00	15.04 1.48 0.00	17.52 1.76 0.00	37.62 1.52 -23.19	33.98 2.11 -15.66	98.00 11.20 -5.94	21.85 2.52 0.00	17.35 1.98 0.00	17.13 1.78 -0.05	18.81 1.40 -4.30
MUNSVILLE_WIND_PWR 323609	8.91 0.17 -5.52	5.34 0.18 -1.61	5.00 0.18 -1.36	4.33 0.22 0.00	4.76 0.23 -0.02	3.20 0.08 -1.45	2.98 0.05 -1.99	4.44 0.17 -1.21	6.73 0.35 -1.58	11.20 0.68 -1.48	9.12 0.45 -3.03	11.43 0.71 -1.12	13.31 0.84 -0.78	14.13 0.86 -1.17	16.28 1.09 0.00	14.54 0.98 0.00	16.89 1.13 0.00	17.02 0.98 -3.12	19.87 1.25 -2.42	95.32 6.16 -8.31	20.64 1.31 0.00	16.33 0.95 0.00	16.14 0.83 -0.01	14.37 0.67 -0.58



SALMON___HYD	1.45	2.72	2.71	3.60	3.97	1.16	0.36	-2.66	-37.63	-78.16	-79.84	-65.32	-56.47	-79.82	-79.82	-74.84	-73.83	-13.43	-59.16	94.27	17.35	13.84	14.07	12.11
24042	-0.36	-0.41	-0.39	-0.52	-0.54	-0.14	-0.07	-0.45	-0.50	-0.93	-0.57	-0.98	-1.22	-1.45	-1.79	-1.67	-1.92	-1.58	-2.00	-9.66	-1.98	-1.53	-1.23	-0.87
	1.42	0.42	0.35	0.00	0.00	0.38	0.51	5.28	41.93	86.27	84.91	73.94	66.94	90.46	93.22	86.74	87.67	24.77	73.36	-23.07	0.00	0.00	0.00	0.15
N.E_GEN_SANDY PD	52.25	18.82	18.06	4.26	4.86	17.13	22.14	16.09	21.80	25.15	38.18	21.60	19.05	22.99	15.78	14.07	16.38	41.07	35.46	90.83	20.02	15.92	15.92	18.76
24062	0.12	0.13	0.13	0.14	0.17	0.06	0.04	0.11	0.19	0.37	0.23	0.39	0.47	0.50	0.59	0.51	0.62	0.51	0.60	2.90	0.68	0.55	0.56	0.51
	-48.91	-15.14	-14.48	0.00	-0.17	-15.39	-21.15	-12.91	-16.81	-15.74	-32.31	-11.62	-6.89	-10.40	0.00	0.00	0.00	-27.64	-18.67	-7.08	0.00	0.00	-0.06	-5.13
NARROWS_GT1_1	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24228	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT1_2	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24229	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT1_3	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24230	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT1_4	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24231	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT1_5	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24232	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT1_6	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24233	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT1_7	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24234	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT1_8	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24235	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT2_1	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24236	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT2_2	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24237	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT2_3	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24238	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT2_4	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24239	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT2_5	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24240	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT2_6	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24241	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30
NARROWS_GT2_7	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
24242	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30



NARROWS_GT2_8 24243	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
NEG CAPITAL___MECHNVIL 23645	56.56 0.16 -53.17	20.12 0.18 -16.39	19.18 0.17 -15.55	4.32 0.20 0.00	4.94 0.23 -0.19	18.30 0.09 -16.53	23.72 0.05 -22.71	17.10 0.17 -13.86	23.14 0.28 -18.06	26.49 0.55 -16.90	40.66 0.33 -34.70	22.64 0.55 -12.49	19.83 0.66 -7.49	24.07 0.67 -11.30	15.98 0.78 0.00	14.24 0.68 0.00	16.64 0.88 0.00	43.71 0.75 -30.05	37.45 0.95 -20.30	93.46 4.90 -7.70	20.49 1.16 0.00	16.27 0.89 0.00	16.22 0.85 -0.07	19.42 0.72 -5.58
NEG CENTRAL_HIGH_ACRES 23767	5.30 -0.15 -2.23	4.04 -0.15 -0.65	3.87 -0.13 -0.55	3.99 -0.13 0.00	4.35 -0.17 -0.01	2.18 -0.08 -0.58	1.71 -0.04 -0.80	3.44 -0.12 -0.49	5.20 -0.23 -0.63	9.20 -0.44 -0.60	6.59 -0.28 -1.22	9.57 -0.47 -0.45	11.41 -0.59 -0.31	11.97 -0.60 -0.47	14.46 -0.74 0.00	12.92 -0.64 0.00	14.97 -0.79 0.00	13.54 -0.64 -1.26	15.88 -0.81 -0.49	70.61 -4.08 6.18	18.40 -0.93 0.00	14.66 -0.71 0.00	14.64 -0.67 0.00	12.73 -0.63 -0.23
NEG CENTRAL___DRP 24199	5.66 0.00 -2.43	4.26 0.00 -0.71	4.06 0.00 -0.60	4.14 0.02 0.00	4.53 0.01 -0.01	2.31 0.00 -0.63	1.82 0.00 -0.88	3.62 0.02 -0.53	5.51 0.01 -0.70	9.70 0.01 -0.65	6.99 0.01 -1.34	10.10 0.01 -0.49	12.05 0.02 -0.34	12.64 0.04 -0.52	15.25 0.06 0.00	13.62 0.06 0.00	15.80 0.05 0.00	14.33 0.05 -1.38	17.46 0.06 -1.20	82.07 0.33 -0.88	19.41 0.08 0.00	15.42 0.04 0.00	15.34 0.03 0.00	13.36 -0.02 -0.25
NEG CENTRAL___INDECK 23768	6.53 -0.01 -3.32	4.51 -0.01 -0.97	4.29 0.01 -0.82	4.17 0.05 0.00	4.54 0.01 -0.01	2.54 -0.01 -0.87	2.15 0.00 -1.19	3.82 0.02 -0.73	5.73 -0.02 -0.95	9.89 -0.04 -0.89	7.45 -0.01 -1.83	10.24 -0.03 -0.67	12.10 -0.06 -0.47	12.76 -0.04 -0.71	15.16 -0.03 0.00	13.56 0.00 0.00	15.71 -0.05 0.00	14.76 -0.04 -1.88	19.99 -0.06 -3.85	119.66 -0.29 -39.10	19.34 0.00 0.00	15.40 0.02 0.00	15.34 0.03 0.00	13.38 -0.08 -0.35
NEG CENTRAL___SENECA 23627	6.00 0.01 -2.77	4.36 0.01 -0.81	4.15 0.01 -0.68	4.16 0.04 0.00	4.55 0.03 -0.01	2.40 0.00 -0.72	1.95 0.01 -1.00	3.71 0.03 -0.61	5.61 0.02 -0.79	9.81 0.03 -0.74	7.18 0.02 -1.52	10.18 0.03 -0.56	12.11 0.03 -0.39	12.74 0.06 -0.59	15.28 0.09 0.00	13.65 0.09 0.00	15.84 0.08 0.00	14.54 0.06 -1.56	17.84 0.09 -8.44	89.80 0.51 -8.44	19.46 0.12 0.00	15.45 0.08 0.00	15.38 0.07 0.00	13.42 0.01 -0.29
NEG CENTRAL___STATE_STREET 24147	5.64 0.07 -2.35	4.31 0.07 -0.68	4.11 0.07 -0.58	4.22 0.10 0.00	4.63 0.10 -0.01	2.32 0.03 -0.62	1.82 0.03 -0.84	3.67 0.08 -0.52	5.60 0.13 -0.67	9.91 0.24 -0.63	7.09 0.16 -1.29	10.33 0.26 -0.47	12.34 0.32 -0.33	12.94 0.34 -0.50	15.64 0.44 0.00	13.95 0.39 0.00	16.18 0.42 0.00	14.62 0.38 -1.33	17.59 0.50 -0.90	83.58 2.38 -0.34	19.89 0.56 0.00	15.79 0.42 0.00	15.69 0.38 0.00	13.64 0.27 -0.24
NEG MILLWOOD___DRP 24198	45.41 0.18 -42.00	16.78 0.19 -13.05	16.19 0.18 -12.56	4.32 0.20 0.00	4.91 0.24 -0.15	15.11 0.09 -13.35	19.33 0.05 -18.33	14.42 0.16 -11.19	19.65 0.28 -14.58	23.23 0.54 -13.64	33.99 0.34 -28.01	20.24 0.58 -10.06	18.29 0.69 -5.91	21.74 0.72 -8.93	16.09 0.89 0.00	14.37 0.80 0.00	16.68 0.93 0.00	37.41 0.76 -23.73	33.24 1.01 -16.03	92.18 5.24 -6.08	20.54 1.21 0.00	16.31 0.94 0.00	16.25 0.89 -0.05	18.25 0.73 -4.39
NEG NORTH_FLCN_SEA 23793	1.31 -0.35 1.56	2.67 -0.42 0.45	2.67 -0.40 0.39	3.60 -0.52 0.00	3.98 -0.54 0.00	1.13 -0.13 0.41	0.31 -0.07 0.57	-2.69 -0.45 5.31	-37.69 -0.52 41.97	-78.22 -0.95 86.31	-79.92 -0.57 84.99	-65.37 -1.00 73.97	-56.50 -1.23 66.96	-79.83 -1.43 90.49	-79.81 -1.78 93.22	-74.82 -1.65 86.74	-73.80 -1.88 87.67	-13.49 -1.56 24.85	-59.16 -1.95 73.41	-17.79 -9.86 88.78	17.32 -2.02 0.00	13.80 -1.57 0.00	14.04 -1.26 0.00	12.06 -0.90 0.16
NEG NORTH_KES_CHATGAY 23792	1.31 -0.40 1.52	2.65 -0.46 0.44	2.64 -0.43 0.38	3.56 -0.56 0.00	3.92 -0.59 0.00	1.11 -0.16 0.40	0.31 -0.08 0.55	-2.72 -0.49 5.30	-37.74 -0.58 41.96	-78.34 -1.08 86.30	-79.99 -0.66 84.97	-65.51 -1.14 73.96	-56.69 -1.42 66.96	-80.02 -1.63 90.48	-80.03 -2.00 93.22	-75.02 -1.85 86.74	-74.04 -2.13 87.67	-13.67 -1.76 24.83	-59.41 -2.22 73.39	-24.09 -10.96 93.98	17.06 -2.27 0.00	13.61 -1.76 0.00	13.84 -1.46 0.00	11.90 -1.06 0.16
NEG NORTH___ALICE_FALLS 23915	1.33 -0.34 1.55	2.69 -0.41 0.45	2.68 -0.39 0.39	3.61 -0.51 0.00	3.99 -0.52 0.00	1.13 -0.13 0.41	0.32 -0.07 0.56	-2.68 -0.44 5.30	-37.66 -0.50 41.96	-78.18 -0.92 86.31	-79.89 -0.55 84.98	-65.32 -0.95 73.96	-56.46 -1.19 66.96	-79.78 -1.39 90.49	-79.75 -1.72 93.22	-74.77 -1.60 86.74	-73.74 -1.82 87.67	-13.43 -1.50 24.84	-59.08 -1.88 73.41	-18.16 -9.41 89.61	17.43 -1.91 0.00	13.88 -1.49 0.00	14.11 -1.20 0.00	12.11 -0.85 0.16
NEG NORTH___LWR_SARANAC 23913	1.33 -0.34 1.55	2.69 -0.41 0.45	2.68 -0.39 0.39	3.61 -0.51 0.00	3.99 -0.52 0.00	1.13 -0.13 0.41	0.32 -0.07 0.56	-2.68 -0.44 5.30	-37.66 -0.50 41.96	-78.18 -0.92 86.31	-79.89 -0.55 84.98	-65.32 -0.95 73.96	-56.46 -1.19 66.96	-79.78 -1.39 90.49	-79.75 -1.72 93.22	-74.77 -1.60 86.74	-73.74 -1.82 87.67	-13.43 -1.50 24.84	-59.08 -1.88 73.41	-18.16 -9.41 89.61	17.43 -1.91 0.00	13.88 -1.49 0.00	14.11 -1.20 0.00	12.11 -0.85 0.16
NEG NORTH___PLATTSBURG 23628	1.33 -0.34 1.55	2.69 -0.41 0.45	2.68 -0.39 0.39	3.61 -0.51 0.00	3.99 -0.52 0.00	1.13 -0.13 0.41	0.32 -0.07 0.56	-2.68 -0.44 5.30	-37.66 -0.50 41.96	-78.18 -0.92 86.31	-79.89 -0.55 84.98	-65.32 -0.95 73.96	-56.46 -1.19 66.96	-79.78 -1.39 90.49	-79.75 -1.72 93.22	-74.77 -1.60 86.74	-73.74 -1.82 87.67	-13.43 -1.50 24.84	-59.08 -1.88 73.41	-18.16 -9.41 89.61	17.43 -1.91 0.00	13.88 -1.49 0.00	14.11 -1.20 0.00	12.11 -0.85 0.16
NEG WEST_LEA_LOCKPORT 23791	5.83 -0.20 -2.80	4.18 -0.19 -0.82	4.02 -0.13 -0.69	4.03 -0.08 0.00	4.35 -0.18 -0.01	2.32 -0.09 -0.73	1.90 -0.05 -1.01	3.54 -0.15 -0.62	5.21 -0.39 -0.80	9.04 -0.76 -0.75	6.71 -0.47 -1.54	9.36 -0.80 -0.57	11.08 -1.01 -0.40	11.66 -1.03 -0.59	13.92 -1.28 0.00	12.46 -1.10 0.00	14.37 -1.39 0.00	13.32 -1.19 -1.59	13.72 -1.58 0.89	89.37 -8.05 -16.57	17.53 -1.80 0.00	14.10 -1.27 0.00	14.24 -1.07 0.00	12.43 -0.98 -0.29
NEG WEST___LANCASTR 23811	6.43 -0.10 -3.31	4.40 -0.11 -0.96	4.20 -0.07 -0.81	4.09 -0.03 0.00	4.45 -0.08 -0.01	2.51 -0.04 -0.86	2.11 -0.03 -1.19	3.74 -0.05 -0.73	5.54 -0.21 -0.95	9.49 -0.44 -0.88	7.20 -0.25 -1.82	9.81 -0.46 -0.67	11.57 -0.58 -0.47	12.23 -0.57 -0.70	14.52 -0.67 0.00	12.98 -0.58 0.00	15.00 -0.76 0.00	14.09 -0.69 -1.86	14.79 -0.94 0.47	197.36 -4.63 -121.13	18.29 -1.04 0.00	14.62 -0.75 0.00	14.69 -0.62 0.00	12.91 -0.56 -0.34
NEG_PENN_ALLEGHNY 23528	9.58 0.06 -6.30	5.44 0.05 -1.84	5.06 0.06 -1.55	4.20 0.09 0.00	4.62 0.09 -0.02	3.36 0.03 -1.65	3.23 0.02 -2.27	4.52 0.07 -1.38	6.69 0.09 -1.80	10.87 0.14 -1.69	9.20 0.10 -3.46	11.02 0.16 -1.27	12.77 0.19 -0.89	13.65 0.22 -1.34	15.49 0.30 0.00	13.82 0.26 0.00	16.05 0.29 0.00	16.69 0.22 -3.56	19.47 0.26 -3.01	97.43 1.40 -15.17	19.66 0.33 0.00	15.63 0.25 0.00	15.57 0.25 -0.01	13.99 0.21 -0.66
NEG___GEN_MONROE 24207	5.46 -0.09 -2.32	4.15 -0.07 -0.68	3.99 -0.04 -0.57	4.12 0.00 0.00	4.48 -0.04 -0.01	2.25 -0.03 -0.61	1.77 -0.02 -0.83	3.55 -0.03 -0.51	5.34 -0.13 -0.66	9.42 -0.25 -0.62	6.75 -0.16 -1.28	9.79 -0.28 -0.47	11.67 -0.35 -0.33	12.23 -0.36 -0.49	14.75 -0.45 0.00	13.18 -0.38 0.00	15.27 -0.49 0.00	13.82 -0.40 -1.31	15.98 -0.55 -0.33	77.40 -2.71 0.75	18.72 -0.62 0.00	14.96 -0.42 0.00	14.97 -0.33 0.00	13.01 -0.35 -0.24



NEPA___ENERGY 23901	7.29 -0.08 -4.15	4.66 -0.10 -1.21	4.40 -0.08 -1.02	4.08 -0.04 0.00	4.46 -0.07 -0.01	2.73 -0.03 -1.09	2.42 -0.03 -1.49	3.93 -0.05 -0.91	5.81 -0.18 -1.19	9.77 -0.39 -1.11	7.69 -0.23 -2.28	10.02 -0.42 -0.84	11.77 -0.51 -0.58	12.49 -0.49 -0.88	14.63 -0.57 0.00	13.05 -0.50 0.00	15.10 -0.66 0.00	14.65 -0.60 -2.34	16.35 -0.83 -0.98	93.06 -4.09 -16.29	18.38 -0.96 0.00	14.67 -0.70 0.00	14.71 -0.60 0.00	13.06 -0.50 -0.44
NEVERSINK___HYD 23608	36.91 0.07 -33.61	13.77 0.06 -10.15	12.76 0.05 -9.26	4.17 0.05 0.00	4.69 0.06 -0.11	11.54 0.02 -9.84	14.49 0.02 -13.52	11.37 0.05 -8.25	15.65 0.11 -10.75	19.33 0.23 -10.06	26.44 0.15 -20.65	17.33 0.25 -7.49	16.73 0.30 -4.73	19.55 0.31 -7.14	15.57 0.38 0.00	13.90 0.34 0.00	16.13 0.38 0.00	32.23 0.32 -18.99	29.49 0.46 -12.83	88.37 2.65 -4.87	19.89 0.56 0.00	15.77 0.39 0.00	15.68 0.33 -0.04	16.86 0.24 -3.50
NEWTON___FALLS_HYD 23847	3.03 -0.19 0.00	3.33 -0.22 0.00	3.25 -0.21 0.00	3.84 -0.28 0.00	4.22 -0.30 0.00	1.59 0.02 0.00	0.91 -0.04 0.00	2.83 -0.24 0.00	4.59 -0.21 0.00	8.64 -0.40 0.00	5.38 -0.26 0.00	9.17 -0.43 0.00	11.14 -0.55 0.00	11.36 -0.74 0.00	14.28 -0.92 0.00	12.68 -0.88 0.00	14.72 -1.03 0.00	12.09 -0.82 0.00	15.10 -1.10 0.00	107.87 -4.80 -31.82	18.25 -1.08 0.00	14.61 -0.77 0.00	14.72 -0.58 0.00	12.71 -0.41 0.00
NIAGARA____ 23760	5.84 -0.22 -2.84	4.17 -0.21 -0.83	4.00 -0.15 -0.70	4.00 -0.12 0.00	4.32 -0.21 -0.01	2.32 -0.10 -0.74	1.91 -0.06 -1.02	3.53 -0.16 -0.62	5.20 -0.41 -0.81	9.00 -0.81 -0.76	6.69 -0.51 -1.56	9.30 -0.87 -0.58	11.00 -1.09 -0.40	11.58 -1.12 -0.60	13.82 -1.37 0.00	12.35 -1.21 0.00	14.25 -1.51 0.00	13.25 -1.27 -1.61	13.37 -1.69 1.14	22.51 -8.64 49.70	17.41 -1.93 0.00	14.00 -1.37 0.00	14.15 -1.16 0.00	12.39 -1.03 -0.30
NINE_MILE_1 23575	4.27 -0.07 -1.12	3.79 -0.08 -0.33	3.66 -0.08 -0.28	4.04 -0.08 0.00	4.42 -0.10 0.00	1.93 0.02 -0.30	1.33 -0.02 -0.40	3.25 -0.06 -0.24	5.01 -0.11 -0.32	9.13 -0.21 -0.30	6.13 -0.13 -0.62	9.60 -0.22 -0.23	11.57 -0.28 -0.16	12.05 -0.28 -0.24	14.84 -0.35 0.00	13.25 -0.31 0.00	15.39 -0.36 0.00	13.25 -0.30 -0.64	16.25 -0.38 -0.43	79.07 -1.95 -0.16	18.88 -0.45 0.00	15.02 -0.35 0.00	14.96 -0.34 0.00	12.93 -0.31 -0.12
NINE_MILE_2 23744	4.27 -0.07 -1.12	3.79 -0.08 -0.32	3.65 -0.08 -0.28	4.04 -0.08 0.00	4.42 -0.10 0.00	1.93 -0.04 -0.29	1.33 -0.02 -0.40	3.25 -0.06 -0.24	5.01 -0.11 -0.32	9.13 -0.21 -0.30	6.12 -0.13 -0.61	9.60 -0.22 -0.23	11.58 -0.27 -0.16	12.05 -0.28 -0.24	14.84 -0.35 0.00	13.25 -0.31 0.00	15.39 -0.36 0.00	13.25 -0.30 -0.63	16.24 -0.38 -0.43	79.07 -1.95 -0.16	18.89 -0.45 0.00	15.03 -0.35 0.00	14.96 -0.34 0.00	12.93 -0.30 -0.12
NM_CAPITAL___DRP 24208	55.45 0.06 -52.17	19.71 0.07 -16.10	18.83 0.07 -15.30	4.20 0.08 0.00	4.80 0.10 -0.18	17.98 0.04 -16.27	23.32 0.02 -22.35	16.78 0.07 -13.64	22.66 0.10 -17.76	25.86 0.19 -16.62	39.89 0.11 -34.13	22.10 0.21 -12.29	19.30 0.26 -7.34	23.42 0.24 -11.09	15.47 0.27 0.00	13.79 0.23 0.00	16.07 0.31 0.00	42.66 0.27 -29.48	36.42 0.31 -19.91	89.91 1.51 -7.55	19.68 0.34 0.00	15.64 0.26 0.00	15.66 0.29 -0.07	18.85 0.26 -5.47
NM_CENTRAL___DRP 24181	4.60 -0.02 -1.39	3.93 -0.02 -0.41	3.78 -0.02 -0.34	4.11 -0.01 0.00	4.50 -0.02 0.00	2.03 -0.01 -0.37	1.44 -0.01 -0.50	3.36 -0.01 -0.30	5.17 -0.03 -0.40	9.36 -0.05 -0.37	6.37 -0.03 -0.76	9.82 -0.05 -0.28	11.82 -0.06 -0.20	12.34 -0.05 -0.30	15.14 -0.06 0.00	13.52 -0.04 0.00	15.70 -0.06 0.00	13.67 -0.04 -0.80	16.69 -0.05 -0.54	82.12 -0.27 -1.53	19.27 -0.06 0.00	15.32 -0.05 0.00	15.25 -0.06 0.00	13.19 -0.08 -0.15
NM_FRONTIER___DRP 24179	5.85 -0.24 -2.87	4.15 -0.23 -0.84	3.99 -0.17 -0.71	3.98 -0.13 0.00	4.30 -0.22 -0.01	2.32 -0.11 -0.75	1.91 -0.07 -1.03	3.51 -0.18 -0.63	5.16 -0.46 -0.82	8.93 -0.88 -0.77	6.66 -0.55 -1.58	9.23 -0.94 -0.58	10.92 -1.18 -0.40	11.50 -1.21 -0.61	13.69 -1.51 0.00	12.25 -1.31 0.00	14.12 -1.64 0.00	13.16 -1.38 -1.62	13.33 -1.83 1.03	67.78 -9.36 3.71	17.22 -2.12 0.00	13.87 -1.50 0.00	14.03 -1.28 0.00	12.28 -1.15 -0.30
NM_ST_REGIS___HYD 24053	1.70 -0.35 1.18	2.81 -0.39 0.34	2.79 -0.38 0.29	3.62 -0.49 0.00	3.99 -0.52 0.00	1.22 -0.14 0.31	0.44 -0.08 0.43	-2.59 -0.44 5.23	-37.52 -0.46 41.86	-78.04 -0.88 86.21	-79.69 -0.55 84.78	-65.21 -0.91 73.89	-56.36 -1.14 66.91	-79.74 -1.42 90.41	-79.81 -1.78 93.22	-74.86 -1.68 86.74	-73.86 -1.95 87.67	-13.30 -1.58 24.63	-59.11 -2.05 73.26	61.28 -9.53 10.06	17.31 -2.03 0.00	13.85 -1.52 0.00	14.12 -1.18 0.00	12.20 -0.80 0.12
NORTHPORT___1 23551	44.43 0.17 -41.04	16.39 0.17 -12.68	15.67 0.15 -12.07	4.29 0.17 0.00	4.88 0.22 -0.15	14.59 0.09 -12.83	18.62 0.04 -17.63	13.96 0.14 -10.76	19.04 0.22 -14.01	22.62 0.46 -13.12	32.84 0.28 -26.93	19.75 0.46 -9.69	18.01 0.54 -5.78	21.40 0.59 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.55 0.79 0.00	36.78 0.68 -23.19	32.82 0.96 -15.66	91.85 5.05 -5.94	20.46 1.12 0.00	16.32 0.95 0.00	16.24 0.88 -0.05	18.14 0.72 -4.30
NORTHPORT___2 23552	44.43 0.17 -41.04	16.39 0.17 -12.68	15.67 0.15 -12.07	4.29 0.17 0.00	4.88 0.22 -0.15	14.59 0.09 -12.83	18.62 0.04 -17.63	13.96 0.14 -10.76	19.04 0.22 -14.01	22.62 0.46 -13.12	32.84 0.28 -26.93	19.75 0.46 -9.69	18.01 0.54 -5.78	21.40 0.59 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.55 0.79 0.00	36.78 0.68 -23.19	32.82 0.96 -15.66	91.85 5.05 -5.94	20.46 1.12 0.00	16.32 0.95 0.00	16.24 0.88 -0.05	18.14 0.72 -4.30
NORTHPORT___3 23553	44.42 0.16 -41.04	16.37 0.15 -12.68	15.66 0.13 -12.07	4.27 0.15 0.00	4.86 0.20 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.95 0.13 -10.76	19.02 0.21 -14.01	22.58 0.42 -13.12	32.82 0.25 -26.93	19.71 0.42 -9.69	17.96 0.49 -5.78	21.35 0.53 -8.72	15.86 0.66 0.00	14.17 0.61 0.00	16.48 0.72 0.00	36.72 0.61 -23.19	32.73 0.87 -15.66	91.39 4.59 -5.94	20.36 1.03 0.00	16.24 0.87 0.00	16.16 0.80 -0.05	18.09 0.67 -4.30
NORTHPORT___4 23650	44.42 0.16 -41.04	16.37 0.15 -12.68	15.66 0.13 -12.07	4.27 0.15 0.00	4.86 0.20 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.95 0.13 -10.76	19.02 0.21 -14.01	22.58 0.42 -13.12	32.82 0.25 -26.93	19.71 0.42 -9.69	17.96 0.49 -5.78	21.35 0.53 -8.72	15.86 0.66 0.00	14.17 0.61 0.00	16.48 0.72 0.00	36.72 0.61 -23.19	32.73 0.87 -15.66	91.39 4.59 -5.94	20.36 1.03 0.00	16.24 0.87 0.00	16.16 0.80 -0.05	18.09 0.67 -4.30
NORTHPORT___IC 23718	44.43 0.17 -41.04	16.39 0.17 -12.68	15.67 0.15 -12.07	4.29 0.17 0.00	4.88 0.22 -0.15	14.59 0.09 -12.83	18.62 0.04 -17.63	13.96 0.14 -10.76	19.04 0.22 -14.01	22.62 0.46 -13.12	32.84 0.28 -26.93	19.75 0.46 -9.69	18.01 0.54 -5.78	21.40 0.59 -8.72	15.93 0.73 0.00	14.23 0.67 0.00	16.55 0.79 0.00	36.78 0.68 -23.19	32.82 0.96 -15.66	91.85 5.05 -5.94	20.46 1.12 0.00	16.32 0.95 0.00	16.24 0.88 -0.05	18.14 0.72 -4.30
NPX_GEN_1385_PROXY 323591	44.43 0.17 -41.04	16.39 0.17 -12.68	15.67 0.15 -12.07	4.29 0.17 0.00	4.90 0.24 -0.15	14.61 0.10 -12.83	18.62 0.04 -17.63	13.96 0.14 -10.76	19.04 0.22 -14.01	22.62 0.46 -13.12	32.84 0.28 -26.93	19.75 0.46 -9.69	18.05 0.58 -5.78	21.49 0.67 -8.72	16.03 0.84 0.00	14.33 0.77 0.00	16.66 0.90 0.00	36.87 0.77 -23.19	32.94 1.08 -15.66	92.40 5.61 -5.94	20.46 1.13 0.00	16.38 1.01 0.00	16.35 1.00 -0.05	18.23 0.82 -4.30
NPX_GEN_CSC 323557	44.46 0.20 -41.04	16.42 0.19 -12.68	15.70 0.17 -12.07	4.32 0.21 0.00	4.92 0.26 -0.15	14.60 0.10 -12.83	18.62 0.05 -17.63	13.99 0.16 -10.76	19.08 0.26 -14.01	22.70 0.54 -13.12	32.89 0.32 -26.93	19.82 0.54 -9.69	18.10 0.63 -5.78	21.48 0.67 -8.72	16.02 0.83 0.00	14.32 0.76 0.00	16.67 0.92 0.00	36.90 0.80 -23.19	33.03 1.17 -15.66	93.02 6.23 -5.94	20.72 1.38 0.00	16.52 1.14 0.00	16.39 1.03 -0.05	18.24 0.82 -4.30



NSINS_S_GLNS_FALLS 23858	56.54 0.22 -53.10	20.16 0.24 -16.37	19.22 0.23 -15.53	4.39 0.28 0.00	5.02 0.32 -0.19	18.31 0.12 -16.51	23.70 0.07 -22.69	17.13 0.23 -13.84	23.22 0.39 -18.03	26.66 0.74 -16.88	40.72 0.43 -34.65	22.77 0.69 -12.48	19.97 0.80 -7.48	24.19 0.81 -11.28	16.11 0.91 0.00	14.35 0.79 0.00	16.83 1.08 0.00	43.83 0.91 -30.01	37.67 1.21 -20.27	94.86 6.32 -7.69	20.85 1.51 0.00	16.54 1.17 0.00	16.49 1.12 -0.07	19.65 0.96 -5.57
NUCOR_STEEL____DRP 24197	5.58 0.04 -2.31	4.27 0.05 -0.67	4.08 0.05 -0.57	4.20 0.08 0.00	4.60 0.08 -0.01	2.30 0.02 -0.61	1.80 0.02 -0.83	3.64 0.06 -0.51	5.55 0.09 -0.66	9.83 0.17 -0.62	7.02 0.11 -1.27	10.23 0.17 -0.47	12.23 0.21 -0.33	12.82 0.24 -0.49	15.50 0.31 0.00	13.83 0.27 0.00	16.02 0.27 0.00	14.47 0.25 -1.30	17.42 0.34 -0.88	82.71 1.52 -0.33	19.71 0.37 0.00	15.65 0.28 0.00	15.56 0.26 0.00	13.54 0.17 -0.24
NYISO_LBMP_REFERENCE 24008	3.22 0.00 0.00	3.55 0.00 0.00	3.46 0.00 0.00	4.12 0.00 0.00	4.52 0.00 0.00	1.67 0.00 0.00	0.95 0.00 0.00	3.07 0.00 0.00	4.80 0.00 0.00	9.04 0.00 0.00	5.64 0.00 0.00	9.60 0.00 0.00	11.69 0.00 0.00	12.09 0.00 0.00	15.19 0.00 0.00	13.56 0.00 0.00	15.76 0.00 0.00	12.92 0.00 0.00	16.20 0.00 0.00	80.86 0.00 0.00	19.34 0.00 0.00	15.37 0.00 0.00	15.30 0.00 0.00	13.12 0.00 0.00
NYPA_BRENTWD____GT 24164	44.46 0.19 -41.04	16.41 0.19 -12.68	15.69 0.17 -12.07	4.32 0.20 0.00	4.91 0.25 -0.15	14.60 0.09 -12.83	18.63 0.05 -17.63	13.99 0.16 -10.76	19.07 0.25 -14.01	22.68 0.52 -13.12	32.88 0.31 -26.93	19.81 0.53 -9.69	18.09 0.62 -5.78	21.48 0.66 -8.72	16.02 0.83 0.00	14.31 0.75 0.00	16.66 0.90 0.00	36.88 0.78 -23.19	32.97 1.10 -15.66	92.69 5.89 -5.94	20.66 1.32 0.00	16.47 1.09 0.00	16.37 1.02 -0.05	18.24 0.82 -4.30
NYPA_GOWANUS____GT5 24156	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
NYPA_GOWANUS____GT6 24157	44.44 0.19 -41.03	16.41 0.19 -12.67	15.69 0.17 -12.06	4.31 0.19 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.43 0.61 -8.72	15.98 0.78 0.00	14.27 0.71 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.82 -15.66	91.03 4.24 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.80 -0.05	18.10 0.69 -4.30
NYPA_HARLEM__RVR__GT1 24160	42.56 0.17 -39.17	14.93 0.16 -11.22	15.67 0.15 -12.06	4.29 0.18 0.00	4.87 0.21 -0.14	14.57 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.02 0.22 -14.00	22.57 0.43 -13.10	32.80 0.26 -26.90	19.72 0.44 -9.68	18.01 0.54 -5.77	21.38 0.56 -8.72	15.91 0.71 0.00	14.22 0.66 0.00	16.49 0.73 0.00	36.67 0.57 -23.18	32.62 0.77 -15.66	90.71 3.91 -5.94	20.31 0.97 0.00	16.14 0.77 0.00	16.09 0.73 -0.05	18.06 0.65 -4.30
NYPA_HARLEM__RVR__GT2 24161	42.56 0.17 -39.17	14.93 0.16 -11.22	15.67 0.15 -12.06	4.29 0.18 0.00	4.87 0.21 -0.14	14.57 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.02 0.22 -14.00	22.57 0.43 -13.10	32.80 0.26 -26.90	19.72 0.44 -9.68	18.01 0.54 -5.77	21.38 0.56 -8.72	15.91 0.71 0.00	14.22 0.66 0.00	16.49 0.73 0.00	36.67 0.57 -23.18	32.62 0.77 -15.66	90.71 3.91 -5.94	20.31 0.97 0.00	16.14 0.77 0.00	16.09 0.73 -0.05	18.06 0.65 -4.30
NYPA_KENT____GT 24152	44.44 0.19 -41.03	16.40 0.19 -12.67	15.69 0.17 -12.06	4.31 0.20 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.60 -5.78	21.44 0.63 -8.72	15.99 0.79 0.00	14.28 0.72 0.00	16.56 0.80 0.00	36.73 0.63 -23.18	32.68 0.83 -15.66	91.04 4.25 -5.94	20.36 1.03 0.00	16.21 0.83 0.00	16.16 0.81 -0.05	18.11 0.69 -4.30
NYPA_POUCH1____GT 24155	44.44 0.19 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.30 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.82 0.28 -26.91	19.74 0.47 -9.68	18.02 0.56 -5.78	21.40 0.58 -8.72	15.93 0.74 0.00	14.23 0.67 0.00	16.51 0.76 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.86 4.07 -5.94	20.33 0.99 0.00	16.18 0.80 0.00	16.12 0.77 -0.05	18.08 0.67 -4.30
NYPA_VERNON____GT2 24162	44.44 0.19 -41.03	16.40 0.19 -12.67	15.69 0.17 -12.06	4.31 0.20 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.78 0.50 -9.68	18.07 0.60 -5.78	21.45 0.63 -8.72	15.99 0.80 0.00	14.29 0.72 0.00	16.56 0.80 0.00	36.73 0.64 -23.18	32.69 0.84 -15.66	91.05 4.25 -5.94	20.36 1.02 0.00	16.21 0.83 0.00	16.17 0.82 -0.05	18.12 0.70 -4.30
NYPA_VERNON____GT3 24163	44.44 0.19 -41.03	16.40 0.19 -12.67	15.69 0.17 -12.06	4.31 0.20 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.78 0.50 -9.68	18.07 0.60 -5.78	21.45 0.63 -8.72	15.99 0.80 0.00	14.29 0.72 0.00	16.56 0.80 0.00	36.73 0.64 -23.18	32.69 0.84 -15.66	91.05 4.25 -5.94	20.36 1.02 0.00	16.21 0.83 0.00	16.17 0.82 -0.05	18.12 0.70 -4.30
NYPA__ASTORIA_CC1 323568	44.43 0.18 -41.03	16.40 0.19 -12.67	15.68 0.17 -12.06	4.31 0.19 0.00	4.89 0.22 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.44 0.62 -8.72	15.98 0.79 0.00	14.27 0.71 0.00	16.54 0.78 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	90.92 4.12 -5.94	20.33 1.00 0.00	16.19 0.81 0.00	16.16 0.80 -0.05	18.11 0.69 -4.30
NYPA__ASTORIA_CC2 323569	44.43 0.18 -41.03	16.40 0.19 -12.67	15.68 0.17 -12.06	4.31 0.19 0.00	4.89 0.22 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.77 0.49 -9.68	18.06 0.59 -5.78	21.44 0.62 -8.72	15.98 0.79 0.00	14.27 0.71 0.00	16.54 0.78 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	90.92 4.12 -5.94	20.33 1.00 0.00	16.19 0.81 0.00	16.16 0.80 -0.05	18.11 0.69 -4.30
NYPA__HOLTSVILL 23794	44.45 0.19 -41.04	16.40 0.18 -12.68	15.68 0.15 -12.07	4.30 0.19 0.00	4.90 0.23 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.15 -10.76	19.05 0.24 -14.01	22.65 0.49 -13.12	32.86 0.29 -26.93	19.77 0.49 -9.69	18.04 0.57 -5.78	21.43 0.61 -8.72	15.95 0.76 0.00	14.26 0.70 0.00	16.59 0.83 0.00	36.83 0.73 -23.19	32.91 1.05 -15.66	92.40 5.60 -5.94	20.58 1.25 0.00	16.41 1.03 0.00	16.30 0.94 -0.05	18.18 0.76 -4.30
NYPA__HELLGATE_GT1 24158	44.43 0.18 -41.03	16.39 0.17 -12.67	15.68 0.16 -12.06	4.30 0.18 0.00	4.87 0.21 -0.14	14.57 0.08 -12.82	18.61 0.05 -17.61	13.96 0.15 -10.75	19.03 0.23 -14.00	22.60 0.46 -13.10	32.82 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.75 0.00	14.24 0.68 0.00	16.52 0.76 0.00	36.71 0.61 -23.18	32.65 0.80 -15.66	90.71 3.91 -5.94	20.31 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.07 0.65 -4.30
NYPA__HELLGATE_GT2 24159	44.43 0.18 -41.03	16.39 0.17 -12.67	15.68 0.16 -12.06	4.30 0.18 0.00	4.87 0.21 -0.14	14.57 0.08 -12.82	18.61 0.05 -17.61	13.96 0.15 -10.75	19.03 0.23 -14.00	22.60 0.46 -13.10	32.82 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.75 0.00	14.24 0.68 0.00	16.52 0.76 0.00	36.71 0.61 -23.18	32.65 0.80 -15.66	90.71 3.91 -5.94	20.31 0.97 0.00	16.15 0.77 0.00	16.10 0.74 -0.05	18.07 0.65 -4.30



NYS_BARGE___HYD 23848	5.80 -0.20 -2.78	4.17 -0.19 -0.81	4.01 -0.13 -0.68	4.04 -0.08 0.00	4.35 -0.18 -0.01	2.31 -0.09 -0.72	1.89 -0.06 -1.00	3.53 -0.15 -0.61	5.20 -0.39 -0.79	9.03 -0.76 -0.74	6.70 -0.47 -1.53	9.36 -0.80 -0.56	11.07 -1.01 -0.39	11.66 -1.03 -0.59	13.92 -1.28 0.00	12.46 -1.10 0.00	14.37 -1.39 0.00	13.30 -1.18 -1.57	13.82 -1.58 0.80	89.02 -8.05 -16.22	17.53 -1.81 0.00	14.10 -1.28 0.00	14.23 -1.08 0.00	12.42 -0.99 -0.29
O.H_GEN_BRUCE 24063	6.26 -0.18 -3.22	4.31 -0.17 -0.94	4.12 -0.13 -0.79	4.02 -0.09 0.00	4.36 -0.17 -0.01	2.44 -0.08 -0.84	2.05 -0.05 -1.16	3.65 -0.13 -0.70	5.38 -0.33 -0.92	9.23 -0.67 -0.86	6.99 -0.42 -1.77	9.52 -0.72 -0.65	11.24 -0.90 -0.45	11.86 -0.91 -0.68	14.08 -1.11 0.00	12.58 -0.98 0.00	14.52 -1.23 0.00	13.68 -1.06 -1.82	14.35 -1.41 0.44	44.72 -7.18 28.96	17.72 -1.61 0.00	14.22 -1.15 0.00	14.34 -0.98 0.00	12.60 -0.86 -0.33
OAK_ORCHARD___HYD 24046	5.42 -0.10 -2.30	4.12 -0.09 -0.67	3.95 -0.07 -0.57	4.07 -0.05 0.00	4.43 -0.09 -0.01	2.23 -0.05 -0.60	1.75 -0.03 -0.83	3.51 -0.07 -0.51	5.29 -0.17 -0.66	9.33 -0.33 -0.61	6.70 -0.20 -1.26	9.71 -0.35 -0.46	11.57 -0.44 -0.32	12.14 -0.45 -0.49	14.65 -0.54 0.00	13.09 -0.47 0.00	15.17 -0.59 0.00	13.73 -0.49 -1.30	15.95 -0.95 -0.39	77.07 -3.17 0.62	18.62 -0.71 0.00	14.86 -0.51 0.00	14.87 -0.44 0.00	12.92 -0.44 -0.24
OCC_CHEM___DRP 24175	5.87 -0.23 -2.88	4.17 -0.21 -0.84	4.01 -0.16 -0.71	4.00 -0.12 0.00	4.32 -0.21 -0.01	2.33 -0.10 -0.76	1.92 -0.06 -1.03	3.53 -0.17 -0.63	5.19 -0.43 -0.82	8.97 -0.84 -0.77	6.69 -0.53 -1.58	9.28 -0.90 -0.58	10.97 -1.13 -0.41	11.55 -1.16 -0.61	13.76 -1.43 0.00	12.31 -1.25 0.00	14.19 -1.57 0.00	13.22 -1.32 -1.63	13.42 -1.76 1.02	75.59 -8.99 -3.72	17.30 -2.03 0.00	13.94 -1.44 0.00	14.09 -1.22 0.00	12.33 -1.09 -0.30
OLIN_CORP_DRP 24177	5.87 -0.23 -2.88	4.17 -0.21 -0.84	4.01 -0.16 -0.71	4.00 -0.12 0.00	4.32 -0.21 -0.01	2.33 -0.10 -0.76	1.92 -0.06 -1.03	3.53 -0.17 -0.63	5.19 -0.43 -0.82	8.97 -0.84 -0.77	6.69 -0.53 -1.58	9.28 -0.90 -0.58	10.97 -1.13 -0.41	11.55 -1.16 -0.61	13.76 -1.43 0.00	12.31 -1.25 0.00	14.19 -1.57 0.00	13.22 -1.32 -1.63	13.42 -1.76 1.02	75.59 -8.99 -3.72	17.30 -2.03 0.00	13.94 -1.44 0.00	14.09 -1.22 0.00	12.33 -1.09 -0.30
OLIN_CORP_DSASP 323712	5.87 -0.23 -2.88	4.17 -0.21 -0.84	4.01 -0.16 -0.71	4.00 -0.12 0.00	4.32 -0.21 -0.01	2.33 -0.10 -0.76	1.92 -0.06 -1.03	3.53 -0.17 -0.63	5.19 -0.43 -0.82	8.97 -0.84 -0.77	6.69 -0.53 -1.58	9.28 -0.90 -0.58	10.97 -1.13 -0.41	11.55 -1.16 -0.61	13.76 -1.43 0.00	12.31 -1.25 0.00	14.19 -1.57 0.00	13.22 -1.32 -1.63	13.42 -1.76 1.02	75.59 -8.99 -3.72	17.30 -2.03 0.00	13.94 -1.44 0.00	14.09 -1.22 0.00	12.33 -1.09 -0.30
ONEIDA_HERK_LFGE 323681	3.21 -0.01 0.00	3.54 -0.01 0.00	3.44 -0.01 0.00	4.10 -0.02 0.00	4.49 -0.02 0.00	1.67 0.00 0.00	0.95 0.00 0.00	3.05 -0.02 0.00	4.84 0.04 0.00	9.13 0.09 0.00	5.70 0.06 0.00	9.69 0.10 0.00	11.80 0.10 0.00	12.15 0.06 0.00	15.27 0.07 0.00	13.61 0.05 0.00	15.82 0.06 0.00	12.99 0.08 0.00	16.29 0.09 0.00	88.97 0.63 -7.49	19.47 0.13 0.00	15.49 0.11 0.00	15.41 0.10 0.00	13.19 0.07 0.00
ONONDAGA_REF_OCCRA 23987	4.98 0.00 -1.76	4.06 0.00 -0.51	3.89 0.00 -0.43	4.13 0.01 0.00	4.52 0.00 0.00	2.13 0.00 -0.46	1.58 0.00 -0.63	3.46 0.01 -0.39	5.31 0.01 -0.50	9.53 0.02 -0.47	6.62 0.01 -0.97	9.97 0.02 -0.36	11.96 0.03 -0.25	12.50 0.03 -0.37	15.24 0.05 0.00	13.61 0.05 0.00	15.81 0.05 0.00	13.96 0.05 -0.99	16.93 0.06 -0.67	81.43 0.32 -0.25	19.41 0.07 0.00	15.42 0.05 0.00	15.34 0.03 0.00	13.30 0.00 -0.18
ONONDAGA___COGEN 23986	5.08 0.01 -1.85	4.10 0.01 -0.54	3.92 0.01 -0.45	4.15 0.03 0.00	4.55 0.03 0.00	2.16 0.01 -0.48	1.62 0.01 -0.66	3.50 0.02 -0.40	5.36 0.03 -0.53	9.59 0.05 -0.50	6.69 0.04 -1.01	10.03 0.06 -0.38	12.02 0.07 -0.26	12.57 0.08 -0.39	15.30 0.11 0.00	13.66 0.10 0.00	15.87 0.12 0.00	14.06 0.10 -1.04	17.04 0.14 -0.70	81.77 0.65 -0.27	19.48 0.15 0.00	15.48 0.11 0.00	15.40 0.09 0.00	13.36 0.05 -0.19
ONTARIO___LFGE 23819	6.00 0.01 -2.77	4.36 0.01 -0.81	4.15 0.01 -0.68	4.16 0.04 0.00	4.55 0.03 -0.01	2.40 0.00 -0.72	1.95 0.01 -1.00	3.71 0.03 -0.61	5.61 0.02 -0.79	9.81 0.03 -0.74	7.18 0.02 -1.52	10.18 0.03 -0.56	12.11 0.03 -0.39	12.74 0.06 -0.59	15.28 0.09 0.00	13.65 0.09 0.00	15.84 0.08 0.00	14.54 0.06 -1.56	17.84 0.09 -1.56	89.80 0.51 -8.44	19.46 0.12 0.00	15.45 0.08 0.00	15.38 0.07 0.00	13.42 0.01 -0.29
ORANGEVILLE_WT_PWR 323706	6.57 -0.13 -3.48	4.43 -0.13 -1.01	4.22 -0.09 -0.86	4.05 -0.07 0.00	4.40 -0.13 -0.01	2.52 -0.06 -0.91	2.16 -0.04 -1.25	3.75 -0.09 -0.76	5.55 -0.24 -1.00	9.50 -0.47 -0.93	7.26 -0.29 -1.91	9.78 -0.52 -0.71	11.49 -0.69 -0.49	12.14 -0.69 -0.74	14.37 -0.82 0.00	12.91 -0.65 0.00	14.93 -0.83 0.00	14.15 -0.73 -1.96	10.97 -0.96 4.27	179.94 -5.02 -104.11	18.29 -1.05 0.00	14.61 -0.76 0.00	14.62 -0.68 0.00	12.84 -0.64 -0.36
OSWEGATCHIE___HYD 24044	3.03 -0.19 0.00	3.33 -0.22 0.00	3.25 -0.21 0.00	3.84 -0.28 0.00	4.22 -0.30 0.00	1.59 -0.08 0.00	0.91 -0.04 0.00	2.83 -0.24 0.00	4.59 -0.21 0.00	8.64 -0.40 0.00	5.38 -0.26 0.00	9.17 -0.43 0.00	11.14 -0.55 0.00	11.36 -0.74 0.00	14.28 -0.92 0.00	12.68 -0.88 0.00	14.72 -1.03 0.00	12.09 -0.82 0.00	15.10 -1.10 0.00	107.87 -4.80 -31.82	18.25 -1.08 0.00	14.61 -0.77 0.00	14.72 -0.58 0.00	12.71 -0.41 0.00
OSWEGO___5 23606	4.47 -0.06 -1.30	3.87 -0.06 -0.38	3.72 -0.05 -0.32	4.06 -0.05 0.00	4.45 -0.07 0.00	1.99 -0.02 -0.34	1.40 -0.02 -0.47	3.31 -0.05 -0.28	5.09 -0.08 -0.37	9.24 -0.15 -0.35	6.25 -0.10 -0.71	9.69 -0.17 -0.26	11.68 -0.20 -0.18	12.17 -0.20 -0.28	14.95 -0.25 0.00	13.34 -0.22 0.00	15.50 -0.26 0.00	13.44 -0.21 -0.73	16.42 -0.27 -0.49	79.64 -1.40 -0.19	19.01 -0.32 0.00	15.12 -0.25 0.00	15.06 -0.25 0.00	13.03 -0.23 -0.13
OSWEGO___6 23613	4.47 -0.06 -1.30	3.87 -0.06 -0.38	3.72 -0.05 -0.32	4.06 -0.05 0.00	4.45 -0.07 0.00	1.99 -0.02 -0.34	1.40 -0.02 -0.47	3.31 -0.05 -0.28	5.09 -0.08 -0.37	9.24 -0.15 -0.35	6.25 -0.10 -0.71	9.69 -0.17 -0.26	11.68 -0.20 -0.18	12.17 -0.20 -0.28	14.95 -0.25 0.00	13.34 -0.22 0.00	15.50 -0.26 0.00	13.44 -0.21 -0.73	16.42 -0.27 -0.49	79.64 -1.40 -0.19	19.01 -0.32 0.00	15.12 -0.25 0.00	15.06 -0.25 0.00	13.03 -0.23 -0.13
OUTOKUMPU-AB___DRP 24206	5.96 -0.16 -2.90	4.25 -0.15 -0.85	4.07 -0.09 -0.71	4.07 -0.04 0.00	4.40 -0.13 -0.01	2.37 -0.07 -0.76	1.95 -0.04 -1.05	3.60 -0.11 -0.64	5.30 -0.32 -0.83	9.19 -0.63 -0.78	6.84 -0.40 -1.59	9.51 -0.68 -0.59	11.23 -0.87 -0.41	11.83 -0.88 -0.61	14.11 -1.08 0.00	12.63 -0.93 0.00	14.58 -1.18 0.00	13.55 -1.01 -1.64	13.94 -1.36 0.91	129.66 -6.91 -55.71	17.80 -1.54 0.00	14.31 -1.07 0.00	14.43 -0.88 0.00	12.61 -0.82 -0.30
OXBOW___ 24026	5.92 -0.19 -2.89	4.22 -0.17 -0.84	4.05 -0.12 -0.71	4.05 -0.07 0.00	4.37 -0.16 -0.01	2.35 -0.08 -0.76	1.94 -0.05 -1.04	3.57 -0.13 -0.63	5.26 -0.37 -0.83	9.10 -0.72 -0.77	6.78 -0.44 -1.59	9.42 -0.76 -0.59	11.13 -0.97 -0.41	11.73 -0.98 -0.61	13.98 -1.21 0.00	12.51 -1.05 0.00	14.43 -1.33 0.00	13.42 -1.12 -1.63	13.72 -1.51 0.96	103.56 -7.69 -30.40	17.61 -1.73 0.00	14.17 -1.21 0.00	14.30 -1.01 0.00	12.50 -0.92 -0.30
OXY_CHEM_DSASP 323612	5.87 -0.23 -2.88	4.17 -0.21 -0.84	4.01 -0.16 -0.71	4.00 -0.12 0.00	4.32 -0.21 -0.01	2.33 -0.10 -0.76	1.92 -0.06 -1.03	3.53 -0.17 -0.63	5.19 -0.43 -0.82	8.97 -0.84 -0.77	6.69 -0.53 -1.58	9.28 -0.90 -0.58	10.97 -1.13 -0.41	11.55 -1.16 -0.61	13.76 -1.43 0.00	12.31 -1.25 0.00	14.19 -1.57 0.00	13.22 -1.32 -1.63	13.42 -1.76 1.02	75.59 -8.99 -3.72	17.30 -2.03 0.00	13.94 -1.44 0.00	14.09 -1.22 0.00	12.33 -1.09 -0.30



PEEKSKILL____ 23653	43.97 0.14 -40.61	16.15 0.15 -12.46	15.31 0.13 -11.72	4.27 0.15 0.00	4.84 0.18 -0.14	14.20 0.07 -12.46	18.10 0.04 -17.12	13.64 0.12 -10.45	18.61 0.20 -13.61	22.18 0.40 -12.74	32.04 0.24 -26.15	19.44 0.42 -9.43	17.91 0.50 -5.72	21.25 0.53 -8.63	15.86 0.66 0.00	14.16 0.60 0.00	16.44 0.68 0.00	36.41 0.55 -22.94	32.42 0.73 -15.50	90.53 3.79 -5.88	20.21 0.88 0.00	16.07 0.69 0.00	16.02 0.66 -0.05	17.93 0.56 -4.25
PGE MADISON____WINDPWR 24146	8.91 0.17 -5.52	5.34 0.18 -1.61	5.00 0.18 -1.36	4.33 0.22 0.00	4.76 0.23 -0.02	3.20 0.08 -1.45	2.98 0.05 -1.99	4.44 0.17 -1.21	6.73 0.35 -1.58	11.20 0.68 -1.48	9.12 0.45 -3.03	11.43 0.71 -1.12	13.31 0.84 -0.78	14.13 0.86 -1.17	16.28 1.09 0.00	14.54 0.98 0.00	16.89 1.13 0.00	17.02 0.98 -3.12	19.87 1.25 -2.42	95.32 6.16 -8.31	20.64 1.31 0.00	16.33 0.95 0.00	16.14 0.83 -0.01	14.37 0.67 -0.58
PIERCEFIELD____HYD 23852	1.75 -0.35 1.13	2.83 -0.39 0.33	2.80 -0.38 0.28	3.62 -0.49 0.00	3.99 -0.52 0.00	1.23 -0.14 0.30	0.46 -0.08 0.41	2.38 -0.44 0.25	4.01 -0.46 0.33	7.85 -0.89 0.31	4.46 -0.55 0.63	8.45 -0.92 0.23	10.39 -1.15 0.16	10.41 -1.45 0.24	13.38 -1.82 0.00	11.84 -1.72 0.00	13.76 -2.00 0.00	10.66 -1.62 0.64	13.66 -2.11 0.43	117.55 -9.68 -46.37	17.23 -2.10 0.00	13.81 -1.56 0.00	14.10 -1.20 0.00	12.19 -0.81 0.12
PINELAWN_CC_1 323563	44.45 0.19 -41.04	16.40 0.18 -12.68	15.69 0.16 -12.07	4.30 0.19 0.00	4.89 0.23 -0.15	14.59 0.08 -12.83	18.62 0.04 -17.63	13.98 0.15 -10.76	19.05 0.24 -14.01	22.62 0.46 -13.12	32.81 0.24 -26.93	19.66 0.37 -9.69	17.86 0.39 -5.78	21.24 0.42 -8.72	15.72 0.52 0.00	14.04 0.48 0.00	16.33 0.57 0.00	36.61 0.50 -23.19	32.61 0.75 -15.66	90.86 4.06 -5.94	20.25 0.91 0.00	16.19 0.81 0.00	16.16 0.81 -0.05	18.18 0.76 -4.30
PJM_GEN_HTP_PROXY 323702	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.90	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.76 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.67 0.82 -15.66	91.02 4.22 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.07 0.66 -4.30
PJM_GEN_KEystone 24065	28.79 0.05 -25.52	11.30 0.04 -7.71	10.53 0.04 -7.04	4.19 0.07 0.00	4.68 0.08 -0.08	9.18 0.03 -7.48	11.23 0.01 -10.27	9.38 0.05 -6.27	13.00 0.04 -8.17	16.76 0.06 -7.64	21.38 0.05 -15.69	15.36 0.07 -5.69	15.37 0.08 -3.59	17.63 0.11 -5.42	15.35 0.15 0.00	13.71 0.15 0.00	15.89 0.13 0.00	27.41 0.07 -14.42	25.76 0.08 -9.49	92.44 0.50 -11.08	19.44 0.11 0.00	15.48 0.11 0.00	15.48 0.14 -0.03	15.91 0.12 -2.67
PJM_GEN_NEPTUNE_PROXY 323594	44.41 0.15 -41.04	16.36 0.14 -12.68	15.65 0.12 -12.07	4.26 0.14 0.00	4.84 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.11 -10.76	19.00 0.19 -14.01	22.54 0.38 -13.12	32.80 0.23 -26.93	19.68 0.39 -9.69	17.92 0.45 -5.78	21.30 0.48 -8.72	15.79 0.60 0.00	14.11 0.55 0.00	16.40 0.64 0.00	36.65 0.55 -23.19	32.64 0.78 -15.66	90.87 4.07 -5.94	20.26 0.93 0.00	16.14 0.77 0.00	16.07 0.72 -0.05	18.01 0.59 -4.30
PJM_GEN_VFT_PROXY 323633	44.41 0.16 -41.03	16.39 0.17 -12.67	15.66 0.14 -12.06	4.29 0.17 0.00	4.86 0.20 -0.14	14.57 0.08 -12.82	18.60 0.04 -17.61	13.95 0.13 -10.75	19.02 0.22 -14.00	22.59 0.44 -13.10	32.81 0.26 -26.91	19.71 0.43 -9.68	17.99 0.52 -5.78	21.36 0.55 -8.72	15.88 0.69 0.00	14.19 0.63 0.00	16.48 0.72 0.00	36.66 0.56 -23.18	32.60 0.75 -15.66	90.69 3.89 -5.94	20.25 0.92 0.00	16.11 0.73 0.00	16.07 0.72 -0.05	18.02 0.61 -4.30
PLEASANTVLY____LBMP 24000	46.82 0.14 -43.45	17.23 0.15 -13.53	16.68 0.13 -13.09	4.27 0.15 0.00	4.86 0.18 -0.16	15.66 0.07 -13.91	20.10 0.04 -19.11	14.86 0.13 -11.66	20.20 0.21 -15.19	23.67 0.40 -14.22	35.09 0.25 -29.20	20.49 0.42 -10.48	18.31 0.50 -6.12	21.86 0.53 -9.23	15.85 0.66 0.00	14.15 0.59 0.00	16.43 0.67 0.00	38.02 0.55 -24.55	33.50 0.72 -16.58	90.84 3.69 -6.29	20.18 0.85 0.00	16.04 0.67 0.00	16.01 0.65 -0.06	18.22 0.55 -4.55
POLETTI____ 23519	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.29 0.18 0.00	4.87 0.21 -0.14	14.58 0.08 -12.82	18.60 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.60 0.45 -13.10	32.82 0.27 -26.91	19.73 0.45 -9.68	18.02 0.55 -5.78	21.39 0.58 -8.72	15.92 0.73 0.00	14.23 0.67 0.00	16.50 0.74 0.00	36.70 0.60 -23.18	32.65 0.79 -15.66	90.89 4.10 -5.94	20.29 0.96 0.00	16.14 0.76 0.00	16.10 0.75 -0.05	18.06 0.64 -4.30
PORT_JEFF_3 23555	44.45 0.20 -41.04	16.41 0.19 -12.68	15.69 0.16 -12.07	4.31 0.20 0.00	4.90 0.24 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.16 -10.76	19.07 0.25 -14.01	22.68 0.51 -13.12	32.88 0.31 -26.93	19.80 0.52 -9.69	18.07 0.60 -5.78	21.46 0.65 -8.72	16.00 0.80 0.00	14.30 0.74 0.00	16.63 0.88 0.00	36.87 0.77 -23.19	32.96 1.10 -15.66	92.69 5.89 -5.94	20.65 1.31 0.00	16.46 1.09 0.00	16.35 0.99 -0.05	18.21 0.80 -4.30
PORT_JEFF_4 23616	44.45 0.20 -41.04	16.41 0.19 -12.68	15.69 0.16 -12.07	4.31 0.20 0.00	4.90 0.24 -0.15	14.60 0.09 -12.83	18.62 0.04 -17.63	13.98 0.16 -10.76	19.07 0.25 -14.01	22.68 0.51 -13.12	32.88 0.31 -26.93	19.80 0.52 -9.69	18.07 0.60 -5.78	21.46 0.65 -8.72	16.00 0.80 0.00	14.30 0.74 0.00	16.63 0.88 0.00	36.87 0.77 -23.19	32.96 1.10 -15.66	92.69 5.89 -5.94	20.65 1.31 0.00	16.46 1.09 0.00	16.35 0.99 -0.05	18.21 0.80 -4.30
PORT_JEFF_IC 23713	44.46 0.20 -41.04	16.42 0.19 -12.68	15.70 0.17 -12.07	4.32 0.20 0.00	4.92 0.25 -0.15	14.60 0.10 -12.83	18.63 0.05 -17.63	13.99 0.16 -10.76	19.07 0.26 -14.01	22.70 0.54 -13.12	32.89 0.32 -26.93	19.83 0.54 -9.69	18.10 0.63 -5.78	21.50 0.68 -8.72	16.04 0.84 0.00	14.33 0.77 0.00	16.68 0.93 0.00	36.91 0.80 -23.19	33.02 1.15 -15.66	92.96 6.16 -5.94	20.71 1.37 0.00	16.51 1.14 0.00	16.39 1.03 -0.05	18.24 0.82 -4.30
PPL PILGRIM_ST_GT1 24216	44.46 0.19 -41.04	16.41 0.19 -12.68	15.69 0.17 -12.07	4.32 0.20 0.00	4.91 0.25 -0.15	14.60 0.09 -12.83	18.63 0.05 -17.63	13.99 0.16 -10.76	19.07 0.25 -14.01	22.68 0.52 -13.12	32.88 0.31 -26.93	19.81 0.53 -9.69	18.09 0.62 -5.78	21.48 0.66 -8.72	16.02 0.83 0.00	14.31 0.75 0.00	16.66 0.90 0.00	36.88 0.78 -23.19	32.97 1.10 -15.66	92.69 5.89 -5.94	20.66 1.32 0.00	16.47 1.09 0.00	16.37 1.02 -0.05	18.24 0.82 -4.30
PPL PILGRIM_ST_GT2 24217	44.46 0.19 -41.04	16.41 0.19 -12.68	15.69 0.17 -12.07	4.32 0.20 0.00	4.91 0.25 -0.15	14.60 0.09 -12.83	18.63 0.05 -17.63	13.99 0.16 -10.76	19.07 0.25 -14.01	22.68 0.52 -13.12	32.88 0.31 -26.93	19.81 0.53 -9.69	18.09 0.62 -5.78	21.48 0.66 -8.72	16.02 0.83 0.00	14.31 0.75 0.00	16.66 0.90 0.00	36.88 0.78 -23.19	32.97 1.10 -15.66	92.69 5.89 -5.94	20.66 1.32 0.00	16.47 1.09 0.00	16.37 1.02 -0.05	18.24 0.82 -4.30
PPL_SHRM_GT3 24213	44.46 0.20 -41.04	16.41 0.19 -12.68	15.69 0.17 -12.07	4.32 0.20 0.00	4.91 0.25 -0.15	14.60 0.10 -12.83	18.62 0.05 -17.63	13.99 0.16 -10.76	19.07 0.26 -14.01	22.69 0.53 -13.12	32.88 0.31 -26.93	19.81 0.53 -9.69	18.08 0.62 -5.78	21.47 0.66 -8.72	16.01 0.82 0.00	14.31 0.75 0.00	16.66 0.90 0.00	36.89 0.79 -23.19	33.01 1.15 -15.66	92.95 6.15 -5.94	20.70 1.37 0.00	16.51 1.13 0.00	16.37 1.02 -0.05	18.23 0.81 -4.30
PPL_SHRM_GT4 24214	44.46 0.20 -41.04	16.41 0.19 -12.68	15.69 0.17 -12.07	4.32 0.20 0.00	4.91 0.25 -0.15	14.60 0.10 -12.83	18.62 0.05 -17.63	13.99 0.16 -10.76	19.07 0.26 -14.01	22.69 0.53 -13.12	32.88 0.31 -26.93	19.81 0.53 -9.69	18.08 0.62 -5.78	21.47 0.66 -8.72	16.01 0.82 0.00	14.31 0.75 0.00	16.66 0.90 0.00	36.89 0.79 -23.19	33.01 1.15 -15.66	92.95 6.15 -5.94	20.70 1.37 0.00	16.51 1.13 0.00	16.37 1.02 -0.05	18.23 0.81 -4.30



PROJECT___ORANGE 1 24174	4.64 -0.02 -1.44	3.95 -0.02 -0.42	3.79 -0.02 -0.35	4.11 -0.01 0.00	4.50 -0.02 0.00	2.04 -0.01 -0.38	1.46 0.00 -0.52	3.38 -0.01 -0.31	5.19 -0.02 -0.41	9.38 -0.04 -0.38	6.40 -0.02 -0.79	9.84 -0.05 -0.29	11.84 -0.05 -0.20	12.36 -0.04 -0.31	15.15 -0.05 0.00	13.53 -0.04 0.00	15.71 -0.05 0.00	13.70 -0.03 -0.82	16.71 -0.04 -0.55	80.85 -0.22 -0.21	19.29 -0.05 0.00	15.33 -0.04 0.00	15.26 -0.05 0.00	13.20 -0.07 -0.15
PROJECT___ORANGE 2 24166	4.64 -0.02 -1.44	3.95 -0.02 -0.42	3.79 -0.02 -0.35	4.11 -0.01 0.00	4.50 -0.02 0.00	2.04 -0.01 -0.38	1.46 0.00 -0.52	3.38 -0.01 -0.31	5.19 -0.02 -0.41	9.38 -0.04 -0.38	6.40 -0.02 -0.79	9.84 -0.05 -0.29	11.84 -0.05 -0.20	12.36 -0.04 -0.31	15.15 -0.05 0.00	13.53 -0.04 0.00	15.71 -0.05 0.00	13.70 -0.03 -0.82	16.71 -0.04 -0.55	80.85 -0.22 -0.21	19.29 -0.05 0.00	15.33 -0.04 0.00	15.26 -0.05 0.00	13.20 -0.07 -0.15
PYRITES___HYD 24023	1.74 -0.33 1.16	2.84 -0.37 0.34	2.80 -0.36 0.29	3.64 -0.48 0.00	4.01 -0.51 0.00	1.24 -0.13 0.31	0.45 -0.07 0.42	2.39 -0.42 0.25	4.03 -0.43 0.33	7.90 -0.83 0.31	4.48 -0.51 0.64	8.50 -0.86 0.23	10.45 -1.08 0.16	10.48 -1.37 0.25	13.49 -1.71 0.00	11.94 -1.62 0.00	13.88 -1.87 0.00	10.75 -1.52 0.65	13.78 -1.98 0.44	118.12 -8.97 -46.23	17.41 -1.93 0.00	13.94 -1.44 0.00	14.21 -1.09 0.00	12.27 -0.73 0.12
RAMAPO___LBMP 323565	42.62 0.14 -39.25	15.58 0.15 -11.89	14.48 0.13 -10.90	4.27 0.16 0.00	4.83 0.18 -0.13	13.32 0.07 -11.58	16.90 0.04 -15.91	12.90 0.12 -9.71	17.65 0.20 -12.65	21.28 0.40 -11.84	30.19 0.24 -24.31	18.82 0.42 -8.81	17.73 0.51 -5.53	20.97 0.54 -8.34	15.87 0.67 0.00	14.17 0.62 0.00	16.45 0.70 0.00	35.66 0.56 -22.18	31.91 0.73 -14.98	90.36 3.82 -5.68	20.22 0.88 0.00	16.07 0.70 0.00	16.03 0.68 -0.05	17.79 0.56 -4.11
RANKINE____ 23646	6.15 -0.14 -3.06	4.31 -0.13 -0.89	4.13 -0.08 -0.75	4.08 -0.04 0.00	4.41 -0.11 -0.01	2.42 -0.06 -0.80	2.01 -0.04 -1.10	3.66 -0.09 -0.67	5.40 -0.27 -0.88	9.33 -0.54 -0.82	6.99 -0.33 -1.69	9.64 -0.57 -0.62	11.37 -0.76 -0.43	11.98 -0.76 -0.65	14.27 -0.92 0.00	12.78 -0.78 0.00	14.76 -1.00 0.00	13.77 -0.87 -1.72	14.13 -1.18 0.89	234.86 -5.98 -159.98	18.05 -1.29 0.00	14.47 -0.90 0.00	14.57 -0.74 0.00	12.75 -0.69 -0.32
RAVENSWOOD_GT2_1 24244	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.75 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	91.01 4.21 -5.94	20.32 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
RAVENSWOOD_GT2_2 24245	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.75 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	91.01 4.21 -5.94	20.32 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
RAVENSWOOD_GT2_3 24246	44.43 0.17 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.30 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.15 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.05 0.58 -5.78	21.42 0.61 -8.72	15.96 0.76 0.00	14.25 0.70 0.00	16.54 0.78 0.00	36.72 0.63 -23.18	32.68 0.83 -15.66	91.06 4.26 -5.94	20.34 1.00 0.00	16.17 0.80 0.00	16.14 0.78 -0.05	18.09 0.67 -4.30
RAVENSWOOD_GT2_4 24247	44.43 0.17 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.30 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.15 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.05 0.58 -5.78	21.42 0.61 -8.72	15.96 0.76 0.00	14.25 0.70 0.00	16.54 0.78 0.00	36.72 0.63 -23.18	32.68 0.83 -15.66	91.06 4.26 -5.94	20.34 1.00 0.00	16.17 0.80 0.00	16.14 0.78 -0.05	18.09 0.67 -4.30
RAVENSWOOD_GT3_1 24248	44.42 0.17 -41.03	16.39 0.17 -12.67	15.68 0.16 -12.06	4.30 0.18 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.76 0.00	14.25 0.69 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	91.01 4.21 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
RAVENSWOOD_GT3_2 24249	44.42 0.17 -41.03	16.39 0.17 -12.67	15.68 0.16 -12.06	4.30 0.18 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.76 0.00	14.25 0.69 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	91.01 4.21 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
RAVENSWOOD_GT3_3 24250	44.43 0.18 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.31 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.15 -10.75	19.04 0.24 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.76 0.48 -9.68	18.05 0.58 -5.78	21.43 0.61 -8.72	15.97 0.77 0.00	14.26 0.70 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.69 0.84 -15.66	91.10 4.31 -5.94	20.35 1.01 0.00	16.18 0.81 0.00	16.14 0.79 -0.05	18.09 0.67 -4.30
RAVENSWOOD_GT3_4 24251	44.43 0.18 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.31 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.15 -10.75	19.04 0.24 -14.00	22.63 0.48 -13.10	32.84 0.29 -26.91	19.76 0.48 -9.68	18.05 0.58 -5.78	21.43 0.61 -8.72	15.97 0.77 0.00	14.26 0.70 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.69 0.84 -15.66	91.10 4.31 -5.94	20.35 1.01 0.00	16.18 0.81 0.00	16.14 0.79 -0.05	18.09 0.67 -4.30
RAVENSWOOD_GT_1 23729	44.44 0.19 -41.03	16.40 0.19 -12.67	15.69 0.17 -12.06	4.31 0.20 0.00	4.89 0.23 -0.14	14.58 0.08 -12.82	18.61 0.05 -17.61	13.97 0.15 -10.75	19.05 0.25 -14.00	22.64 0.49 -13.10	32.84 0.29 -26.91	19.78 0.50 -9.68	18.07 0.60 -5.78	21.45 0.63 -8.72	15.99 0.80 0.00	14.29 0.72 0.00	16.56 0.80 0.00	36.73 0.64 -23.18	32.69 0.84 -15.66	91.05 4.25 -5.94	20.36 1.02 0.00	16.21 0.83 0.00	16.17 0.82 -0.05	18.12 0.70 -4.30
RAVENSWOOD_GT_10 24258	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.88 0.22 -0.14	14.57 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.76 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.67 0.82 -15.66	91.02 4.22 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
RAVENSWOOD_GT_11 24259	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.88 0.22 -0.14	14.57 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.76 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.67 0.82 -15.66	91.02 4.22 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
RAVENSWOOD_GT_4 24252	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.04 0.57 -5.78	21.42 0.60 -8.72	15.95 0.76 0.00	14.25 0.69 0.00	16.54 0.78 0.00	36.72 0.63 -23.18	32.68 0.83 -15.66	91.08 4.28 -5.94	20.34 1.00 0.00	16.17 0.79 0.00	16.12 0.77 -0.05	18.07 0.66 -4.30



RAVENSWOOD_GT_5 24254	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.04 0.57 -5.78	21.42 0.60 -8.72	15.95 0.76 0.00	14.25 0.69 0.00	16.54 0.78 0.00	36.72 0.63 -23.18	32.68 0.83 -15.66	91.08 4.28 -5.94	20.34 1.00 0.00	16.17 0.79 0.00	16.12 0.77 -0.05	18.07 0.66 -4.30
RAVENSWOOD_GT_6 24253	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.04 0.57 -5.78	21.42 0.60 -8.72	15.95 0.76 0.00	14.25 0.69 0.00	16.54 0.78 0.00	36.72 0.63 -23.18	32.68 0.83 -15.66	91.08 4.28 -5.94	20.34 1.00 0.00	16.17 0.79 0.00	16.12 0.77 -0.05	18.07 0.66 -4.30
RAVENSWOOD_GT_7 24255	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.87 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.04 0.57 -5.78	21.42 0.60 -8.72	15.95 0.76 0.00	14.25 0.69 0.00	16.54 0.78 0.00	36.72 0.63 -23.18	32.68 0.83 -15.66	91.08 4.28 -5.94	20.34 1.00 0.00	16.17 0.79 0.00	16.12 0.77 -0.05	18.07 0.66 -4.30
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.88 0.22 -0.14	14.57 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.76 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.67 0.82 -15.66	91.02 4.22 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
RAVENSWOOD_GT_9 24257	44.42 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.30 0.18 0.00	4.88 0.22 -0.14	14.57 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.76 0.00	14.24 0.68 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.67 0.82 -15.66	91.02 4.22 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
RAVENSWOOD____1 23533	44.43 0.18 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.31 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.97 0.15 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.04 0.58 -5.78	21.42 0.60 -8.72	15.96 0.76 0.00	14.26 0.70 0.00	16.53 0.77 0.00	36.70 0.61 -23.18	32.65 0.79 -15.66	90.86 4.06 -5.94	20.31 0.97 0.00	16.17 0.79 0.00	16.14 0.78 -0.05	18.09 0.67 -4.30
RAVENSWOOD____2 23534	44.42 0.17 -41.03	16.39 0.18 -12.67	15.67 0.16 -12.06	4.30 0.18 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.97 0.15 -10.75	19.03 0.23 -14.00	22.59 0.44 -13.10	32.80 0.25 -26.91	19.70 0.43 -9.68	17.99 0.52 -5.78	21.36 0.54 -8.72	15.89 0.69 0.00	14.20 0.65 0.00	16.45 0.69 0.00	36.62 0.52 -23.18	32.53 0.68 -15.66	90.24 3.44 -5.94	20.17 0.83 0.00	16.09 0.71 0.00	16.10 0.74 -0.05	18.07 0.66 -4.30
RAVENSWOOD____3 23535	44.42 0.17 -41.03	16.39 0.17 -12.67	15.68 0.16 -12.06	4.30 0.18 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.75 0.47 -9.68	18.04 0.57 -5.78	21.41 0.60 -8.72	15.95 0.76 0.00	14.25 0.69 0.00	16.53 0.77 0.00	36.72 0.62 -23.18	32.67 0.81 -15.66	91.01 4.21 -5.94	20.33 0.99 0.00	16.16 0.79 0.00	16.13 0.77 -0.05	18.08 0.66 -4.30
RAVENSWOOD____4 23820	44.43 0.18 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.31 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.97 0.15 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.04 0.58 -5.78	21.42 0.60 -8.72	15.96 0.76 0.00	14.26 0.70 0.00	16.53 0.77 0.00	36.70 0.61 -23.18	32.65 0.79 -15.66	90.86 4.06 -5.94	20.31 0.97 0.00	16.17 0.79 0.00	16.14 0.78 -0.05	18.09 0.67 -4.30
RCPI_TRUST____DRP 24196	44.43 0.17 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.30 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.96 0.15 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.90	19.76 0.48 -9.68	18.05 0.58 -5.78	21.42 0.61 -8.72	15.96 0.77 0.00	14.26 0.70 0.00	16.55 0.79 0.00	36.73 0.63 -23.18	32.68 0.83 -15.66	91.09 4.30 -5.94	20.34 1.01 0.00	16.17 0.80 0.00	16.13 0.78 -0.05	18.08 0.66 -4.30
RENSSELAER____COGEN 23796	55.01 0.05 -51.75	19.58 0.05 -15.97	18.70 0.06 -15.19	4.19 0.07 0.00	4.79 0.09 -0.18	17.85 0.03 -16.15	23.15 0.02 -22.18	16.67 0.06 -13.54	22.52 0.09 -17.63	25.71 0.16 -16.51	39.62 0.09 -33.89	21.97 0.18 -12.20	19.19 0.21 -7.29	23.28 0.19 -11.00	15.41 0.22 0.00	13.75 0.19 0.00	16.00 0.25 0.00	42.37 0.21 -29.24	36.20 0.25 -19.75	89.57 1.23 -7.49	19.60 0.27 0.00	15.58 0.20 0.00	15.60 0.23 -0.07	18.77 0.22 -5.43
REVERE_CPPR_DRP 24186	3.25 0.03 0.00	3.58 0.04 0.00	3.49 0.03 0.00	4.16 0.04 0.00	4.55 0.04 0.00	1.69 0.02 0.00	0.96 0.01 0.00	3.10 0.03 0.00	4.89 0.10 0.00	9.24 0.19 0.00	5.76 0.12 0.00	9.80 0.21 0.00	11.94 0.25 0.00	12.33 0.24 0.00	15.49 0.29 0.00	13.82 0.26 0.00	16.06 0.30 0.00	13.19 0.27 0.00	16.54 0.34 0.00	86.90 1.83 -4.21	19.73 0.39 0.00	15.66 0.29 0.00	15.57 0.26 0.00	13.32 0.20 0.00
RIVERBAY____ 323610	44.43 0.17 -41.03	16.39 0.17 -12.67	15.67 0.15 -12.06	4.29 0.17 0.00	4.86 0.20 -0.14	14.57 0.07 -12.82	18.61 0.04 -17.61	13.96 0.14 -10.75	19.03 0.23 -14.00	22.60 0.45 -13.10	32.82 0.28 -26.91	19.75 0.47 -9.68	18.06 0.59 -5.78	21.45 0.63 -8.72	15.99 0.80 0.00	14.29 0.73 0.00	16.58 0.82 0.00	36.75 0.65 -23.18	32.72 0.86 -15.66	91.17 4.37 -5.94	20.41 1.07 0.00	16.22 0.85 0.00	16.15 0.80 -0.05	18.12 0.70 -4.30
ROCHESTER_9_IC 23652	5.42 -0.09 -2.28	4.13 -0.09 -0.67	3.96 -0.06 -0.56	4.08 -0.03 0.00	4.44 -0.08 -0.01	2.23 -0.04 -0.60	1.74 -0.03 -0.82	3.51 -0.06 -0.50	5.29 -0.16 -0.65	9.35 -0.30 -0.61	6.70 -0.19 -1.26	9.74 -0.32 -0.46	11.61 -0.40 -0.32	12.17 -0.41 -0.48	14.70 -0.50 0.00	13.13 -0.43 0.00	15.22 -0.54 0.00	13.76 -0.44 -1.29	15.98 -0.58 -0.37	71.38 -2.91 6.56	18.69 -0.64 0.00	14.91 -0.46 0.00	14.91 -0.39 0.00	12.96 -0.40 -0.24
ROSETON____1 23587	43.95 0.14 -40.59	16.62 0.14 -12.93	16.63 0.14 -13.04	4.27 0.16 0.00	4.86 0.18 -0.16	15.60 0.07 -13.86	20.02 0.04 -19.04	14.81 0.13 -11.62	20.13 0.21 -15.13	23.61 0.41 -14.16	34.97 0.25 -29.08	20.37 0.42 -10.36	17.89 0.49 -5.71	21.24 0.52 -8.63	15.83 0.64 0.00	14.14 0.58 0.00	16.42 0.66 0.00	36.39 0.54 -22.93	32.40 0.71 -15.49	90.36 3.63 -5.87	20.17 0.84 0.00	16.04 0.66 0.00	15.99 0.64 -0.05	17.91 0.54 -4.25
ROSETON____2 23588	43.95 0.14 -40.59	16.62 0.14 -12.93	16.63 0.14 -13.04	4.27 0.16 0.00	4.86 0.18 -0.16	15.60 0.07 -13.86	20.02 0.04 -19.04	14.81 0.13 -11.62	20.13 0.21 -15.13	23.61 0.41 -14.16	34.97 0.25 -29.08	20.37 0.42 -10.36	17.89 0.49 -5.71	21.24 0.52 -8.63	15.83 0.64 0.00	14.14 0.58 0.00	16.42 0.66 0.00	36.39 0.54 -22.93	32.40 0.71 -15.49	90.36 3.63 -5.87	20.17 0.84 0.00	16.04 0.66 0.00	15.99 0.64 -0.05	17.91 0.54 -4.25
RUSSELL____1 23602	5.43 -0.08 -2.29	4.15 -0.07 -0.67	3.98 -0.05 -0.56	4.10 -0.02 0.00	4.46 -0.06 -0.01	2.24 -0.04 -0.60	1.75 -0.02 -0.82	3.52 -0.05 -0.50	5.32 -0.13 -0.65	9.40 -0.25 -0.61	6.74 -0.16 -1.26	9.79 -0.27 -0.46	11.68 -0.34 -0.32	12.24 -0.34 -0.49	14.79 -0.40 0.00	13.22 -0.34 0.00	15.31 -0.44 0.00	13.85 -0.36 -1.29	16.10 -0.47 -0.37	72.13 -2.29 6.44	18.83 -0.51 0.00	15.02 -0.36 0.00	15.01 -0.30 0.00	13.03 -0.33 -0.24



RUSSELL___2 23532	5.43 -0.08 -2.29	4.15 -0.07 -0.67	3.98 -0.05 -0.56	4.10 -0.02 0.00	4.46 -0.06 -0.01	2.24 -0.04 -0.60	1.75 -0.02 -0.82	3.52 -0.05 -0.50	5.32 -0.13 -0.65	9.40 -0.25 -0.61	6.74 -0.16 -1.26	9.79 -0.27 -0.46	11.68 -0.34 -0.32	12.24 -0.34 -0.49	14.79 -0.40 0.00	13.22 -0.34 0.00	15.31 -0.44 0.00	13.85 -0.36 -1.29	16.10 -0.47 -0.37	72.13 -2.29 6.44	18.83 -0.51 0.00	15.02 -0.36 0.00	15.01 -0.30 0.00	13.03 -0.33 -0.24
RUSSELL___3 23549	5.43 -0.08 -2.29	4.15 -0.07 -0.67	3.98 -0.05 -0.56	4.10 -0.02 0.00	4.46 -0.06 -0.01	2.24 -0.04 -0.60	1.75 -0.02 -0.82	3.52 -0.05 -0.50	5.32 -0.13 -0.65	9.40 -0.25 -0.61	6.74 -0.16 -1.26	9.79 -0.27 -0.46	11.68 -0.34 -0.32	12.24 -0.34 -0.49	14.79 -0.40 0.00	13.22 -0.34 0.00	15.31 -0.44 0.00	13.85 -0.36 -1.29	16.10 -0.47 -0.37	72.13 -2.29 6.44	18.83 -0.51 0.00	15.02 -0.36 0.00	15.01 -0.30 0.00	13.03 -0.33 -0.24
RUSSELL___4 23556	5.43 -0.08 -2.29	4.15 -0.07 -0.67	3.98 -0.05 -0.56	4.10 -0.02 0.00	4.46 -0.06 -0.01	2.24 -0.04 -0.60	1.75 -0.02 -0.82	3.52 -0.05 -0.50	5.32 -0.13 -0.65	9.40 -0.25 -0.61	6.74 -0.16 -1.26	9.79 -0.27 -0.46	11.68 -0.34 -0.32	12.24 -0.34 -0.49	14.79 -0.40 0.00	13.22 -0.34 0.00	15.31 -0.44 0.00	13.85 -0.36 -1.29	16.10 -0.47 -0.37	72.13 -2.29 6.44	18.83 -0.51 0.00	15.02 -0.36 0.00	15.01 -0.30 0.00	13.03 -0.33 -0.24
RUSSELL___STATION 23914	5.43 -0.08 -2.29	4.15 -0.07 -0.67	3.98 -0.05 -0.56	4.10 -0.02 0.00	4.46 -0.06 -0.01	2.24 -0.04 -0.60	1.75 -0.02 -0.82	3.52 -0.05 -0.50	5.32 -0.13 -0.65	9.40 -0.25 -0.61	6.74 -0.16 -1.26	9.79 -0.27 -0.46	11.68 -0.34 -0.32	12.24 -0.34 -0.49	14.79 -0.40 0.00	13.22 -0.34 0.00	15.31 -0.44 0.00	13.85 -0.36 -1.29	16.10 -0.47 -0.37	72.13 -2.29 6.44	18.83 -0.51 0.00	15.02 -0.36 0.00	15.01 -0.30 0.00	13.03 -0.33 -0.24
S SALMON___HYD 24043	4.25 -0.03 -1.06	3.82 -0.04 -0.31	3.68 -0.03 -0.26	4.08 -0.04 0.00	4.47 -0.05 0.00	1.93 -0.02 -0.28	1.32 -0.01 -0.38	3.27 -0.03 -0.23	5.09 -0.01 -0.30	9.31 -0.02 -0.28	6.20 -0.02 -0.58	9.77 -0.04 -0.21	11.79 -0.05 -0.15	12.24 -0.08 -0.22	15.09 -0.10 0.00	13.46 -0.10 0.00	15.64 -0.11 0.00	13.44 -0.08 -0.60	16.48 -0.12 -0.40	85.54 -0.43 -5.11	19.23 -0.10 0.00	15.34 -0.03 0.00	15.28 -0.03 0.00	13.17 -0.06 -0.11
SELKIRK___I 23801	54.99 0.06 -51.70	19.58 0.07 -15.96	18.71 0.07 -15.18	4.20 0.08 0.00	4.80 0.10 -0.18	17.85 0.04 -16.14	23.14 0.03 -22.17	16.67 0.07 -13.53	22.53 0.10 -17.62	25.74 0.19 -16.50	39.62 0.11 -33.87	21.99 0.20 -12.19	19.22 0.25 -7.28	23.32 0.24 -10.99	15.48 0.28 0.00	13.81 0.25 0.00	16.07 0.31 0.00	42.39 0.27 -29.22	36.25 0.32 -19.73	89.90 1.56 -7.48	19.69 0.35 0.00	15.64 0.27 0.00	15.67 0.30 -0.07	18.83 0.27 -5.43
SELKIRK___II 23799	54.99 0.06 -51.70	19.58 0.07 -15.96	18.72 0.07 -15.19	4.20 0.08 0.00	4.80 0.10 -0.18	17.85 0.04 -16.14	23.14 0.02 -22.17	16.67 0.07 -13.53	22.53 0.10 -17.63	25.74 0.19 -16.50	39.63 0.11 -33.87	21.99 0.20 -12.19	19.22 0.25 -7.28	23.32 0.24 -10.99	15.48 0.28 0.00	13.81 0.25 0.00	16.06 0.31 0.00	42.39 0.26 -29.22	36.25 0.31 -19.73	89.89 1.55 -7.48	19.69 0.35 0.00	15.64 0.27 0.00	15.67 0.30 -0.07	18.83 0.27 -5.43
SENECA OSWGO___HYD 24041	4.55 -0.03 -1.36	3.91 -0.03 -0.39	3.76 -0.03 -0.33	4.09 -0.02 0.00	4.48 -0.03 0.00	2.01 -0.02 -0.35	1.43 -0.01 -0.49	3.34 -0.02 -0.30	5.15 -0.04 -0.39	9.33 -0.07 -0.36	6.34 -0.04 -0.74	9.80 -0.07 -0.28	11.79 -0.09 -0.19	12.29 -0.09 -0.29	15.08 -0.11 0.00	13.47 -0.09 0.00	15.65 -0.11 0.00	13.59 -0.09 -0.77	16.61 -0.11 -0.52	82.06 -0.56 -1.77	19.21 -0.13 0.00	15.27 -0.10 0.00	15.20 -0.11 0.00	13.14 -0.12 -0.14
SENECA___ENERGY 23797	5.61 -0.01 -2.40	4.23 -0.01 -0.70	4.04 -0.01 -0.59	4.13 0.01 0.00	4.52 0.00 -0.01	2.30 0.00 -0.63	1.81 0.00 -0.86	3.60 0.01 -0.53	5.48 0.00 -0.68	9.67 -0.02 -0.64	6.95 0.00 -1.32	10.06 -0.02 -0.48	12.01 -0.02 -0.34	12.60 -0.01 -0.51	15.20 0.01 0.00	13.57 0.01 0.00	15.74 -0.02 0.00	14.27 0.00 -1.35	17.30 0.01 -1.09	81.57 0.02 -0.69	19.33 0.00 0.00	15.36 -0.02 0.00	15.28 -0.03 0.00	13.31 -0.07 -0.25
SHOEMAKER___GT 23640	39.45 0.13 -36.10	14.42 0.13 -10.73	13.05 0.11 -9.48	4.25 0.14 0.00	4.79 0.16 -0.11	11.81 0.06 -10.08	14.82 0.03 -13.84	11.62 0.11 -8.45	15.98 0.18 -11.00	19.69 0.35 -10.30	27.00 0.22 -21.14	17.69 0.38 -7.72	17.25 0.47 -5.08	20.26 0.50 -7.67	15.81 0.62 0.00	14.12 0.56 0.00	16.40 0.64 0.00	33.84 0.52 -20.40	30.66 0.69 -13.78	89.62 3.54 -5.22	20.15 0.81 0.00	16.01 0.63 0.00	15.96 0.61 -0.05	17.41 0.51 -3.78
SHOREHAM_IC_1 23715	44.46 0.20 -41.04	16.41 0.19 -12.68	15.69 0.17 -12.07	4.32 0.20 0.00	4.91 0.25 -0.15	14.60 0.10 -12.83	18.62 0.05 -17.63	13.99 0.16 -10.76	19.07 0.26 -14.01	22.69 0.53 -13.12	32.88 0.31 -26.93	19.81 0.53 -9.69	18.08 0.62 -5.78	21.47 0.66 -8.72	16.01 0.82 0.00	14.31 0.75 0.00	16.66 0.90 0.00	36.89 0.79 -23.19	33.01 1.15 -15.66	92.95 6.15 -5.94	20.70 1.37 0.00	16.51 1.13 0.00	16.37 1.02 -0.05	18.23 0.81 -4.30
SHOREHAM_IC_2 23716	44.46 0.20 -41.04	16.41 0.19 -12.68	15.69 0.17 -12.07	4.32 0.20 0.00	4.91 0.25 -0.15	14.60 0.10 -12.83	18.62 0.05 -17.63	13.99 0.16 -10.76	19.07 0.26 -14.01	22.69 0.53 -13.12	32.88 0.31 -26.93	19.81 0.53 -9.69	18.08 0.62 -5.78	21.47 0.66 -8.72	16.01 0.82 0.00	14.31 0.75 0.00	16.66 0.90 0.00	36.89 0.79 -23.19	33.01 1.15 -15.66	92.95 6.15 -5.94	20.70 1.37 0.00	16.51 1.13 0.00	16.37 1.02 -0.05	18.23 0.81 -4.30
SISSONVILLE___ 23735	1.75 -0.35 1.13	2.83 -0.39 0.33	2.80 -0.38 0.28	3.62 -0.49 0.00	3.99 -0.52 0.00	1.23 -0.14 0.30	0.46 -0.08 0.41	2.38 -0.44 0.25	4.01 -0.46 0.33	7.85 -0.89 0.31	4.46 -0.55 0.63	8.45 -0.92 0.23	10.39 -1.15 0.16	10.41 -1.45 0.24	13.38 -1.82 0.00	11.84 -1.72 0.00	13.76 -2.00 0.00	10.66 -1.62 0.64	13.66 -2.11 0.43	117.55 -9.68 -46.37	17.23 -2.10 0.00	13.81 -1.56 0.00	14.10 -1.20 0.00	12.19 -0.81 0.12
SITHE_IND_GS1 24169	4.28 -0.07 -1.13	3.80 -0.08 -0.33	3.66 -0.08 -0.28	4.04 -0.08 0.00	4.42 -0.09 0.00	1.94 -0.04 -0.30	1.33 -0.02 -0.41	3.26 -0.06 -0.25	5.01 -0.11 -0.32	9.14 -0.21 -0.30	6.13 -0.13 -0.62	9.60 -0.22 -0.23	11.58 -0.28 -0.16	12.06 -0.28 -0.24	14.84 -0.35 0.00	13.25 -0.31 0.00	15.39 -0.36 0.00	13.26 -0.30 -0.64	16.25 -0.38 -0.43	79.06 -1.96 -0.16	18.88 -0.45 0.00	15.02 -0.35 0.00	14.96 -0.34 0.00	12.93 -0.30 -0.12
SITHE_IND_GS2 24170	4.28 -0.07 -1.13	3.80 -0.08 -0.33	3.66 -0.08 -0.28	4.04 -0.08 0.00	4.42 -0.09 0.00	1.94 -0.04 -0.30	1.33 -0.02 -0.41	3.26 -0.06 -0.25	5.01 -0.11 -0.32	9.14 -0.21 -0.30	6.13 -0.13 -0.62	9.60 -0.22 -0.23	11.58 -0.28 -0.16	12.06 -0.28 -0.24	14.84 -0.35 0.00	13.25 -0.31 0.00	15.39 -0.36 0.00	13.26 -0.30 -0.64	16.25 -0.38 -0.43	79.06 -1.96 -0.16	18.88 -0.45 0.00	15.02 -0.35 0.00	14.96 -0.34 0.00	12.93 -0.30 -0.12
SITHE_IND_GS3 24171	4.28 -0.07 -1.13	3.80 -0.08 -0.33	3.66 -0.08 -0.28	4.04 -0.08 0.00	4.42 -0.09 0.00	1.94 -0.04 -0.30	1.33 -0.02 -0.41	3.26 -0.06 -0.25	5.01 -0.11 -0.32	9.14 -0.21 -0.30	6.13 -0.13 -0.62	9.60 -0.22 -0.23	11.58 -0.28 -0.16	12.06 -0.28 -0.24	14.84 -0.35 0.00	13.25 -0.31 0.00	15.39 -0.36 0.00	13.26 -0.30 -0.64	16.25 -0.38 -0.43	79.06 -1.96 -0.16	18.88 -0.45 0.00	15.02 -0.35 0.00	14.96 -0.34 0.00	12.93 -0.30 -0.12
SITHE_IND_GS4 24172	4.28 -0.07 -1.13	3.80 -0.08 -0.33	3.66 -0.08 -0.28	4.04 -0.08 0.00	4.42 -0.09 0.00	1.94 -0.04 -0.30	1.33 -0.02 -0.41	3.26 -0.06 -0.25	5.01 -0.11 -0.32	9.14 -0.21 -0.30	6.13 -0.13 -0.62	9.60 -0.22 -0.23	11.58 -0.28 -0.16	12.06 -0.28 -0.24	14.84 -0.35 0.00	13.25 -0.31 0.00	15.39 -0.36 0.00	13.26 -0.30 -0.64	16.25 -0.38 -0.43	79.06 -1.96 -0.16	18.88 -0.45 0.00	15.02 -0.35 0.00	14.96 -0.34 0.00	12.93 -0.30 -0.12



SITHE___BATAVIA 24024	5.71 -0.14 -2.63	4.19 -0.12 -0.77	4.02 -0.08 -0.65	4.09 -0.03 0.00	4.41 -0.11 -0.01	2.30 -0.06 -0.69	1.86 -0.04 -0.95	3.56 -0.09 -0.58	5.29 -0.26 -0.75	9.24 -0.51 -0.70	6.77 -0.31 -1.44	9.60 -0.53 -0.53	11.39 -0.67 -0.37	11.97 -0.68 -0.56	14.35 -0.85 0.00	12.84 -0.72 0.00	14.84 -0.92 0.00	13.62 -0.78 -1.49	14.73 -1.04 0.43	84.98 -5.28 -9.40	18.16 -1.18 0.00	14.55 -0.82 0.00	14.63 -0.68 0.00	12.73 -0.67 -0.27
SITHE___INDEPEND 23800	4.28 -0.07 -1.13	3.80 -0.08 -0.33	3.66 -0.08 -0.28	4.04 -0.08 0.00	4.42 -0.09 0.00	1.94 -0.04 -0.30	1.33 -0.02 -0.41	3.26 -0.06 -0.25	5.01 -0.11 -0.32	9.14 -0.21 -0.30	6.13 -0.13 -0.62	9.60 -0.22 -0.23	11.58 -0.28 -0.16	12.06 -0.28 -0.24	14.84 -0.35 0.00	13.25 -0.31 0.00	15.39 -0.36 0.00	13.26 -0.30 -0.64	16.25 -0.38 -0.43	79.06 -1.96 -0.16	18.88 -0.45 0.00	15.02 -0.35 0.00	14.96 -0.34 0.00	12.93 -0.30 -0.12
SITHE___MASSENA 23902	1.37 -0.40 1.46	2.68 -0.44 0.43	2.66 -0.43 0.36	3.56 -0.56 0.00	3.92 -0.59 0.00	1.12 -0.16 0.39	0.32 -0.09 0.53	-2.71 -0.49 5.29	-37.73 -0.59 41.94	-78.37 -1.14 86.29	-80.00 -0.71 84.94	-65.54 -1.19 73.95	-56.72 -1.46 66.95	-80.11 -1.73 90.47	-80.12 -2.09 93.22	-75.10 -1.92 86.74	-74.14 -2.23 87.67	-13.70 -1.82 24.79	-59.54 -2.37 73.37	51.42 -11.17 18.27	16.97 -2.37 0.00	13.59 -1.78 0.00	13.86 -1.44 0.00	11.96 -1.01 0.15
SITHE___OGDNSBRG 24021	1.58 -0.35 1.29	2.77 -0.40 0.38	2.75 -0.39 0.32	3.61 -0.51 0.00	3.97 -0.54 0.00	1.19 -0.14 0.34	0.40 -0.08 0.47	2.33 -0.45 0.29	3.93 -0.49 0.37	7.75 -0.94 0.35	4.33 -0.59 0.72	8.36 -0.97 0.27	10.29 -1.22 0.18	10.33 -1.49 0.27	13.38 -1.81 0.00	11.87 -1.69 0.00	13.80 -1.96 0.00	10.61 -1.58 0.73	13.65 -2.06 0.49	116.99 -9.44 -45.57	17.34 -1.99 0.00	13.87 -1.51 0.00	14.12 -1.18 0.00	12.19 -0.80 0.13
SITHE___STERLING 23777	3.24 0.01 0.00	3.57 0.02 0.00	3.47 0.02 0.00	4.14 0.02 0.00	4.54 0.02 0.00	1.68 0.00 0.00	0.95 0.00 0.00	3.08 0.02 0.00	4.85 0.05 0.00	9.16 0.11 0.00	5.71 0.07 0.00	9.72 0.13 0.00	11.84 0.15 0.00	12.24 0.14 0.00	15.38 0.19 0.00	13.72 0.16 0.00	15.95 0.19 0.00	13.09 0.17 0.00	16.41 0.21 0.00	84.29 1.09 -2.34	19.56 0.23 0.00	15.53 0.16 0.00	15.45 0.14 0.00	13.22 0.10 0.00
SOUTH CAIRO___GT 23612	49.71 0.16 -46.33	18.04 0.17 -14.33	17.30 0.15 -13.69	4.29 0.17 0.00	4.88 0.20 -0.16	16.31 0.07 -14.56	20.99 0.05 -20.00	15.42 0.15 -12.20	20.95 0.26 -15.89	24.43 0.51 -14.88	36.50 0.32 -30.54	21.12 0.54 -10.98	18.86 0.64 -6.52	22.60 0.66 -9.85	15.99 0.80 0.00	14.27 0.71 0.00	16.59 0.84 0.00	39.80 0.71 -26.18	34.81 0.93 -17.68	92.48 4.91 -6.71	20.42 1.08 0.00	16.18 0.80 0.00	16.12 0.76 -0.06	18.47 0.63 -4.72
SOUTH HAMPTN___IC 23720	44.51 0.25 -41.04	16.47 0.25 -12.68	15.74 0.21 -12.07	4.38 0.26 0.00	4.98 0.31 -0.15	14.63 0.12 -12.83	18.64 0.06 -17.63	14.03 0.20 -10.76	19.15 0.34 -14.01	22.87 0.71 -13.12	33.01 0.44 -26.93	20.03 0.75 -9.69	18.35 0.88 -5.78	21.74 0.92 -8.72	16.34 1.15 0.00	14.60 1.04 0.00	17.00 1.25 0.00	37.19 1.08 -23.19	33.41 1.55 -15.66	95.05 8.25 -5.94	21.19 1.85 0.00	16.85 1.48 0.00	16.67 1.31 -0.05	18.44 1.03 -4.30
SOUTHOLD___IC 23719	44.64 0.38 -41.04	16.61 0.38 -12.68	15.88 0.35 -12.07	4.54 0.42 0.00	5.15 0.49 -0.15	14.69 0.19 -12.83	18.68 0.10 -17.63	14.16 0.33 -10.76	19.38 0.57 -14.01	23.31 1.15 -13.12	33.28 0.71 -26.93	20.48 1.20 -9.69	18.89 1.42 -5.78	22.29 1.48 -8.72	17.04 1.84 0.00	15.23 1.67 0.00	17.74 1.98 0.00	37.80 1.70 -23.19	34.21 2.35 -15.66	99.17 12.37 -5.94	22.12 2.79 0.00	17.56 2.19 0.00	17.34 1.98 -0.05	18.97 1.56 -4.30
ST LAWRENCE___ 23600	1.23 -0.43 1.56	2.61 -0.48 0.45	2.60 -0.47 0.39	3.51 -0.61 0.00	3.87 -0.65 0.00	1.08 -0.18 0.41	0.28 -0.10 0.57	-2.76 -0.52 5.31	-37.85 -0.68 41.97	-78.57 -1.31 86.31	-80.17 -0.82 84.99	-65.75 -1.38 73.97	-56.97 -1.70 66.96	-80.34 -1.94 90.49	-80.39 -2.36 93.22	-75.33 -2.15 86.74	-74.41 -2.50 87.67	-13.98 -2.05 24.85	-59.85 -2.64 73.41	-14.44 -12.75 82.54	16.64 -2.69 0.00	13.36 -2.02 0.00	13.62 -1.69 0.00	11.74 -1.22 0.16
STATION 5_MISC_HYD 23604	5.42 -0.09 -2.28	4.13 -0.09 -0.67	3.96 -0.06 -0.56	4.08 -0.03 0.00	4.44 -0.08 -0.01	2.23 -0.04 -0.60	1.74 -0.03 -0.82	3.51 -0.06 -0.50	5.29 -0.16 -0.65	9.35 -0.30 -0.61	6.70 -0.19 -1.26	9.74 -0.32 -0.46	11.61 -0.40 -0.32	12.17 -0.41 -0.48	14.70 -0.50 0.00	13.13 -0.43 0.00	15.22 -0.54 0.00	13.76 -0.44 -1.29	15.98 -0.58 -0.37	71.38 -2.91 6.56	18.69 -0.64 0.00	14.91 -0.46 0.00	14.91 -0.39 0.00	12.96 -0.40 -0.24
STEEL___WIND 323596	6.14 -0.14 -3.06	4.31 -0.13 -0.89	4.12 -0.08 -0.75	4.08 -0.04 0.00	4.41 -0.11 -0.01	2.42 -0.06 -0.80	2.01 -0.04 -1.10	3.66 -0.08 -0.67	5.40 -0.27 -0.88	9.32 -0.54 -0.82	6.99 -0.33 -1.69	9.64 -0.58 -0.62	11.36 -0.76 -0.43	11.98 -0.76 -0.65	14.27 -0.93 0.00	12.78 -0.78 0.00	14.76 -0.99 0.00	13.77 -0.87 -1.72	14.13 -1.18 0.89	234.85 -5.99 -159.98	18.05 -1.29 0.00	14.47 -0.90 0.00	14.57 -0.74 0.00	12.75 -0.69 -0.32
STEBEN_REC_LFGE 323667	7.51 -0.02 -4.31	4.78 -0.02 -1.25	4.52 0.00 -1.06	4.15 0.03 0.00	4.53 0.00 -0.01	2.80 -0.01 -1.13	2.50 0.00 -1.55	4.02 0.00 -0.94	5.98 -0.05 -1.23	10.10 -0.09 -1.15	7.94 -0.07 -2.37	10.36 -0.10 -0.87	12.16 -0.14 -0.61	12.93 -0.07 -0.91	15.14 -0.05 0.00	13.56 0.00 0.00	15.73 -0.03 0.00	15.34 -0.01 -2.43	20.61 -0.03 -4.44	125.60 -0.22 -44.97	19.40 0.07 0.00	15.42 0.05 0.00	15.35 0.04 -0.01	13.50 -0.07 -0.45
STONY___BROOK 24151	44.46 0.20 -41.04	16.42 0.19 -12.68	15.70 0.17 -12.07	4.32 0.20 0.00	4.92 0.25 -0.15	14.60 0.10 -12.83	18.63 0.05 -17.63	13.99 0.16 -10.76	19.07 0.26 -14.01	22.70 0.54 -13.12	32.89 0.32 -26.93	19.83 0.54 -9.69	18.10 0.63 -5.78	21.50 0.68 -8.72	16.04 0.84 0.00	14.33 0.77 0.00	16.68 0.93 0.00	36.91 0.80 -23.19	33.02 1.15 -15.66	92.96 6.16 -5.94	20.71 1.37 0.00	16.51 1.14 0.00	16.39 1.03 -0.05	18.24 0.82 -4.30
STURGEON_POOL_HYD 23609	45.84 0.11 -42.50	16.77 0.10 -13.12	16.01 0.08 -12.47	4.19 0.08 0.00	4.77 0.10 -0.15	14.97 0.04 -13.26	19.18 0.02 -18.21	14.26 0.07 -11.12	19.42 0.14 -14.48	22.90 0.30 -13.55	33.65 0.19 -27.82	19.92 0.31 -10.01	18.04 0.37 -5.99	21.52 0.39 -9.03	15.67 0.48 0.00	14.00 0.44 0.00	16.26 0.50 0.00	37.35 0.42 -24.02	33.00 0.58 -16.22	90.17 3.16 -6.15	19.94 0.60 0.00	15.78 0.41 0.00	15.71 0.36 -0.05	17.79 0.29 -4.39
SYNERGY___BIOGAS 323694	5.71 -0.14 -2.63	4.19 -0.12 -0.77	4.02 -0.08 -0.65	4.09 -0.03 0.00	4.41 -0.11 -0.01	2.30 -0.06 -0.69	1.86 -0.04 -0.95	3.56 -0.09 -0.58	5.29 -0.26 -0.75	9.24 -0.51 -0.70	6.77 -0.31 -1.44	9.60 -0.53 -0.53	11.39 -0.67 -0.37	11.97 -0.68 -0.56	14.35 -0.85 0.00	12.84 -0.72 0.00	14.84 -0.92 0.00	13.62 -0.78 -1.49	14.73 -1.04 0.43	84.98 -5.28 -9.40	18.16 -1.18 0.00	14.55 -0.82 0.00	14.63 -0.68 0.00	12.73 -0.67 -0.27
SYRACUSE___ENERGY_ST1 323597	5.08 0.01 -1.85	4.10 0.01 -0.54	3.92 0.01 -0.45	4.15 0.03 0.00	4.55 0.03 0.00	2.16 0.01 -0.48	1.62 0.01 -0.66	3.50 0.02 -0.40	5.36 0.03 -0.53	9.59 0.05 -0.50	6.69 0.04 -1.01	10.03 0.06 -0.38	12.02 0.07 -0.26	12.57 0.08 -0.39	15.30 0.11 0.00	13.66 0.10 0.00	15.87 0.12 0.00	14.06 0.10 -1.04	17.04 0.14 -0.70	81.77 0.65 -0.27	19.48 0.15 0.00	15.48 0.11 0.00	15.40 0.09 0.00	13.36 0.05 -0.19
SYRACUSE___ENERGY_ST2 323598	5.08 0.01 -1.85	4.10 0.01 -0.54	3.92 0.01 -0.45	4.15 0.03 0.00	4.55 0.03 0.00	2.16 0.01 -0.48	1.62 0.01 -0.66	3.50 0.02 -0.40	5.36 0.03 -0.53	9.59 0.05 -0.50	6.69 0.04 -1.01	10.03 0.06 -0.38	12.02 0.07 -0.26	12.57 0.08 -0.39	15.30 0.11 0.00	13.66 0.10 0.00	15.87 0.12 0.00	14.06 0.10 -1.04	17.04 0.14 -0.70	81.77 0.65 -0.27	19.48 0.15 0.00	15.48 0.11 0.00	15.40 0.09 0.00	13.36 0.05 -0.19



SYRACUSE___POWER 24017	4.98 0.00 -1.76	4.06 0.00 -0.51	3.89 0.00 -0.43	4.13 0.01 0.00	4.52 0.00 0.00	2.13 0.00 -0.46	1.58 0.00 -0.63	3.46 0.01 -0.39	5.31 0.01 -0.50	9.53 0.02 -0.47	6.62 0.01 -0.97	9.97 0.02 -0.36	11.96 0.03 -0.25	12.50 0.03 -0.37	15.24 0.05 0.00	13.61 0.05 0.00	15.81 0.05 0.00	13.96 0.05 -0.99	16.93 0.06 -0.67	81.43 0.32 -0.25	19.41 0.07 0.00	15.42 0.05 0.00	15.34 0.03 0.00	13.30 0.00 -0.18
TRIGEN___CC 323695	44.40 0.14 -41.04	16.36 0.14 -12.68	15.65 0.12 -12.07	4.26 0.14 0.00	4.84 0.18 -0.15	14.58 0.07 -12.83	18.61 0.03 -17.63	13.94 0.12 -10.76	19.00 0.18 -14.01	22.54 0.38 -13.12	32.80 0.23 -26.93	19.68 0.39 -9.69	17.92 0.45 -5.78	21.30 0.49 -8.72	15.80 0.60 0.00	14.11 0.55 0.00	16.40 0.64 0.00	36.64 0.54 -23.19	32.62 0.76 -15.66	90.77 3.97 -5.94	20.25 0.91 0.00	16.12 0.75 0.00	16.05 0.69 -0.05	18.00 0.58 -4.30
UNION___PROCESSING_DRP 323587	5.42 -0.10 -2.30	4.12 -0.09 -0.67	3.95 -0.07 -0.57	4.07 -0.05 0.00	4.43 -0.09 -0.01	2.23 -0.05 -0.60	1.75 -0.03 -0.83	3.51 -0.07 -0.51	5.29 -0.17 -0.66	9.33 -0.33 -0.61	6.70 -0.20 -1.26	9.71 -0.35 -0.46	11.57 -0.44 -0.32	12.14 -0.45 -0.49	14.65 -0.54 0.00	13.09 -0.47 0.00	15.17 -0.59 0.00	13.73 -0.49 -1.30	15.95 -0.63 -0.39	77.07 -3.17 0.62	18.62 -0.71 0.00	14.86 -0.51 0.00	14.87 -0.44 0.00	12.92 -0.44 -0.24
UPPER HUDSON___HYD 24058	56.68 0.20 -53.26	20.19 0.23 -16.41	19.25 0.22 -15.58	4.37 0.26 0.00	5.00 0.30 -0.19	18.34 0.11 -16.55	23.76 0.07 -22.74	17.15 0.21 -13.88	23.24 0.36 -18.08	26.66 0.70 -16.92	40.78 0.40 -34.74	22.74 0.64 -12.51	19.91 0.72 -7.50	24.14 0.73 -11.32	15.99 0.80 0.00	14.25 0.69 0.00	16.73 0.97 0.00	43.83 0.82 -30.09	37.66 1.14 -20.33	94.64 6.07 -7.71	20.79 1.45 0.00	16.50 1.12 0.00	16.45 1.07 -0.07	19.61 0.91 -5.59
UPPER RAQUET___HYD 24056	1.75 -0.35 1.13	2.83 -0.39 0.33	2.80 -0.38 0.28	3.62 -0.49 0.00	3.99 -0.52 0.00	1.23 -0.14 0.30	0.46 -0.08 0.41	2.38 -0.44 0.25	4.01 -0.46 0.33	7.85 -0.89 0.31	4.46 -0.55 0.63	8.45 -0.92 0.23	10.39 -1.15 0.16	10.41 -1.45 0.24	13.38 -1.82 0.00	11.84 -1.72 0.00	13.76 -2.00 0.00	10.66 -1.62 0.64	13.66 -2.11 0.43	117.55 -9.68 -46.37	17.23 -2.10 0.00	13.81 -1.56 0.00	14.10 -1.20 0.00	12.19 -0.81 0.12
VISCHER___FERRY HYD 24020	55.72 0.12 -52.38	19.84 0.13 -16.16	18.94 0.13 -15.36	4.27 0.15 0.00	4.88 0.17 -0.18	18.06 0.06 -16.32	23.41 0.04 -22.42	16.87 0.12 -13.68	22.82 0.20 -17.82	26.11 0.39 -16.68	40.13 0.24 -34.25	22.33 0.40 -12.33	19.55 0.48 -7.38	23.71 0.49 -11.13	15.76 0.57 0.00	14.05 0.49 0.00	16.39 0.63 0.00	43.05 0.54 -29.60	36.84 0.65 -19.99	91.68 3.24 -7.58	20.11 0.77 0.00	15.97 0.60 0.00	15.96 0.59 -0.07	19.13 0.52 -5.50
WADING RIVER_IC_1 23522	44.46 0.20 -41.04	16.42 0.19 -12.68	15.70 0.17 -12.07	4.32 0.21 0.00	4.92 0.26 -0.15	14.60 0.10 -12.83	18.63 0.05 -17.63	13.99 0.17 -10.76	19.08 0.27 -14.01	22.70 0.54 -13.12	32.89 0.32 -26.93	19.82 0.54 -9.69	18.10 0.63 -5.78	21.49 0.67 -8.72	16.03 0.83 0.00	14.32 0.76 0.00	16.68 0.92 0.00	36.91 0.81 -23.19	33.03 1.17 -15.66	93.04 6.25 -5.94	20.72 1.39 0.00	16.53 1.15 0.00	16.39 1.04 -0.05	18.24 0.82 -4.30
WADING RIVER_IC_2 23547	44.46 0.20 -41.04	16.42 0.19 -12.68	15.70 0.17 -12.07	4.32 0.21 0.00	4.92 0.26 -0.15	14.60 0.10 -12.83	18.63 0.05 -17.63	13.99 0.17 -10.76	19.08 0.27 -14.01	22.70 0.54 -13.12	32.89 0.32 -26.93	19.82 0.54 -9.69	18.10 0.63 -5.78	21.49 0.67 -8.72	16.03 0.83 0.00	14.32 0.76 0.00	16.68 0.92 0.00	36.91 0.81 -23.19	33.03 1.17 -15.66	93.04 6.25 -5.94	20.72 1.39 0.00	16.53 1.15 0.00	16.39 1.04 -0.05	18.24 0.82 -4.30
WADING RIVER_IC_3 23601	44.46 0.20 -41.04	16.42 0.19 -12.68	15.70 0.17 -12.07	4.32 0.21 0.00	4.92 0.26 -0.15	14.60 0.10 -12.83	18.63 0.05 -17.63	13.99 0.17 -10.76	19.08 0.27 -14.01	22.70 0.54 -13.12	32.89 0.32 -26.93	19.82 0.54 -9.69	18.10 0.63 -5.78	21.49 0.67 -8.72	16.03 0.83 0.00	14.32 0.76 0.00	16.68 0.92 0.00	36.91 0.81 -23.19	33.03 1.17 -15.66	93.04 6.25 -5.94	20.72 1.39 0.00	16.53 1.15 0.00	16.39 1.04 -0.05	18.24 0.82 -4.30
WALDEN___HYDRO 24148	42.06 0.14 -38.70	15.42 0.15 -11.73	14.36 0.13 -10.77	4.27 0.16 0.00	4.83 0.18 -0.13	13.20 0.07 -11.45	16.72 0.04 -15.73	12.79 0.13 -9.60	17.52 0.21 -12.51	21.17 0.41 -11.71	29.93 0.26 -24.03	18.75 0.44 -8.71	17.66 0.52 -5.45	20.85 0.53 -8.22	15.87 0.67 0.00	14.17 0.61 0.00	16.46 0.70 0.00	35.35 0.57 -21.87	31.72 0.75 -14.77	90.39 3.94 -5.60	20.25 0.92 0.00	16.09 0.72 0.00	16.03 0.68 -0.05	17.73 0.56 -4.05
WARRENSBURG___ 23737	56.68 0.20 -53.26	20.19 0.23 -16.41	19.25 0.22 -15.58	4.37 0.26 0.00	5.00 0.30 -0.19	18.34 0.11 -16.55	23.76 0.07 -22.74	17.15 0.21 -13.88	23.24 0.36 -18.08	26.66 0.70 -16.92	40.78 0.40 -34.74	22.74 0.64 -12.51	19.91 0.72 -7.50	24.14 0.73 -11.32	15.99 0.80 0.00	14.25 0.69 0.00	16.73 0.97 0.00	43.83 0.82 -30.09	37.66 1.14 -20.33	94.64 6.07 -7.71	20.79 1.45 0.00	16.50 1.12 0.00	16.45 1.07 -0.07	19.61 0.91 -5.59
WATERSIDE___6 8 9 23538	44.43 0.18 -41.03	16.40 0.18 -12.67	15.68 0.16 -12.06	4.31 0.19 0.00	4.88 0.22 -0.14	14.58 0.08 -12.82	18.61 0.04 -17.61	13.97 0.15 -10.75	19.04 0.24 -14.00	22.62 0.47 -13.10	32.83 0.28 -26.91	19.76 0.48 -9.68	18.04 0.58 -5.78	21.42 0.60 -8.72	15.96 0.76 0.00	14.26 0.70 0.00	16.53 0.77 0.00	36.70 0.61 -23.18	32.65 0.79 -15.66	90.86 4.06 -5.94	20.31 0.97 0.00	16.17 0.79 0.00	16.14 0.78 -0.05	18.09 0.67 -4.30
WDELAWARE___HYD 323627	37.01 0.04 -33.74	13.78 0.03 -10.20	12.78 0.02 -9.31	4.14 0.02 0.00	4.65 0.03 -0.11	11.57 0.01 -9.89	14.54 0.01 -13.59	11.38 0.02 -8.29	15.67 0.07 -10.80	19.32 0.16 -10.11	26.50 0.10 -20.76	17.29 0.17 -7.53	16.65 0.21 -4.75	19.48 0.21 -7.17	15.45 0.25 0.00	13.79 0.23 0.00	16.01 0.25 0.00	32.20 0.22 -19.07	29.42 0.35 -12.88	87.77 2.03 -4.88	19.74 0.41 0.00	15.65 0.28 0.00	15.56 0.21 -0.04	16.77 0.13 -3.51
WEST BABYLON___IC 23714	44.47 0.21 -41.04	16.43 0.20 -12.68	15.71 0.18 -12.07	4.33 0.21 0.00	4.92 0.26 -0.15	14.61 0.10 -12.83	18.63 0.05 -17.63	14.00 0.17 -10.76	19.08 0.27 -14.01	22.71 0.54 -13.12	32.89 0.32 -26.93	19.82 0.53 -9.69	18.08 0.61 -5.78	21.47 0.66 -8.72	16.01 0.82 0.00	14.31 0.75 0.00	16.64 0.89 0.00	36.87 0.77 -23.19	32.95 1.09 -15.66	92.62 5.82 -5.94	20.65 1.32 0.00	16.47 1.09 0.00	16.39 1.04 -0.05	18.29 0.87 -4.30
WEST CANADA___HYD 24049	2.31 -0.01 0.90	3.27 -0.01 0.27	3.22 -0.01 0.23	4.10 -0.02 0.00	4.50 -0.01 0.00	1.43 0.00 0.24	0.62 0.00 0.33	2.86 -0.01 0.20	4.53 -0.01 0.26	8.78 -0.02 0.24	5.13 -0.01 0.50	9.39 -0.02 0.19	11.54 -0.03 0.13	11.87 -0.03 0.19	15.16 -0.03 0.00	13.52 -0.04 0.00	15.72 -0.03 0.00	12.37 -0.04 0.51	15.82 -0.04 0.34	80.57 -0.16 0.13	19.30 -0.04 0.00	15.35 -0.03 0.00	15.27 -0.04 0.00	13.00 -0.03 0.09
WESTERN_NY_WIND 24143	5.74 -0.14 -2.66	4.19 -0.13 -0.78	4.03 -0.08 -0.66	4.09 -0.03 0.00	4.41 -0.11 -0.01	2.31 -0.06 -0.70	1.87 -0.04 -0.96	3.56 -0.09 -0.58	5.29 -0.27 -0.76	9.24 -0.52 -0.71	6.78 -0.32 -1.46	9.59 -0.54 -0.54	11.38 -0.69 -0.37	11.96 -0.70 -0.57	14.33 -0.86 0.00	12.83 -0.73 0.00	14.82 -0.94 0.00	13.63 -0.80 -1.51	14.62 -1.07 0.51	86.32 -5.41 -10.87	18.13 -1.21 0.00	14.53 -0.84 0.00	14.60 -0.70 0.00	12.72 -0.69 -0.28
WESTOVER___LESR 323668	9.54 0.06 -6.26	5.42 0.05 -1.83	5.05 0.05 -1.54	4.20 0.08 0.00	4.62 0.09 -0.02	3.35 0.03 -1.64	3.22 0.02 -2.25	4.51 0.07 -1.37	6.67 0.08 -1.79	10.85 0.13 -1.68	9.17 0.09 -3.44	11.00 0.14 -1.27	12.74 0.17 -0.88	13.62 0.19 -1.33	15.46 0.27 0.00	13.80 0.24 0.00	16.02 0.26 0.00	16.64 0.19 -3.54	19.43 0.22 -3.01	97.58 1.20 -15.52	19.61 0.27 0.00	15.58 0.21 0.00	15.53 0.22 -0.01	13.96 0.18 -0.66



WETHRSFD_WT_PWR	6.61	4.45	4.23	4.05	4.40	2.54	2.18	3.76	5.57	9.53	7.29	9.80	11.52	12.17	14.40	12.94	14.96	14.20	10.78	176.89	18.34	14.64	14.65	12.87
323626	-0.13	-0.13	-0.09	-0.07	-0.12	-0.06	-0.04	-0.08	-0.24	-0.45	-0.28	-0.50	-0.67	-0.67	-0.79	-0.62	-0.79	-0.70	-0.92	-4.84	-1.00	-0.73	-0.66	-0.62
	-3.51	-1.02	-0.87	0.00	-0.01	-0.92	-1.26	-0.77	-1.01	-0.94	-1.93	-0.71	-0.49	-0.75	0.00	0.00	0.00	-1.98	4.50	-100.87	0.00	0.00	0.00	-0.37
YORK__WARBASSE	44.44	16.41	15.69	4.31	4.89	14.58	18.61	13.97	19.05	22.64	32.84	19.77	18.06	21.43	15.98	14.27	16.55	36.73	32.68	91.03	20.36	16.21	16.16	18.10
23770	0.19	0.19	0.17	0.19	0.23	0.08	0.05	0.15	0.25	0.49	0.29	0.49	0.59	0.61	0.78	0.71	0.79	0.63	0.82	4.24	1.03	0.83	0.80	0.69
	-41.03	-12.67	-12.06	0.00	-0.14	-12.82	-17.61	-10.75	-14.00	-13.10	-26.91	-9.68	-5.78	-8.72	0.00	0.00	0.00	-23.18	-15.66	-5.94	0.00	0.00	-0.05	-4.30