

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/05/2017

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	23.78	21.22	20.11	18.50	19.29	21.01	27.86	35.15	36.58	39.53	40.84	42.17	41.47	41.02	40.23	37.82	36.09	42.56	38.45	31.59	35.25	28.84	26.89	25.34
24138	0.56	0.44	0.39	0.38	0.39	0.35	0.79	0.69	1.10	0.43	0.43	0.41	0.16	0.15	0.27	0.28	0.30	2.41	2.27	2.30	2.48	2.38	1.65	1.28
	-18.87	-17.23	-16.62	-15.02	-15.80	-17.74	-21.12	-29.44	-27.53	-36.00	-37.35	-38.85	-40.22	-39.80	-38.09	-35.59	-33.66	-21.62	-18.72	-11.60	-13.52	-7.67	-12.03	-13.40
74TH STREET_GT_1	23.79	21.24	20.12	18.51	19.30	21.02	27.87	35.18	37.02	39.60	41.51	42.20	41.50	41.05	40.25	40.38	41.17	42.71	38.70	34.64	37.02	31.76	31.49	27.61
24260	0.57	0.45	0.39	0.39	0.39	0.36	0.79	0.70	1.11	0.44	0.43	0.41	0.16	0.15	0.27	0.28	0.31	2.43	2.29	2.32	2.50	2.40	1.66	1.29
	-18.87	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
74TH STREET_GT_2	23.79	21.24	20.12	18.51	19.30	21.02	27.87	35.18	37.02	39.60	41.51	42.20	41.50	41.05	40.25	40.38	41.17	42.71	38.70	34.64	37.02	31.76	31.49	27.61
24261	0.57	0.45	0.39	0.39	0.39	0.36	0.79	0.70	1.11	0.44	0.43	0.41	0.16	0.15	0.27	0.28	0.31	2.43	2.29	2.32	2.50	2.40	1.66	1.29
	-18.87	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
ADK HUDSON___FALLS	31.71	28.51	27.17	24.86	25.99	28.59	34.88	42.61	42.14	45.59	43.36	34.58	33.50	33.59	45.21	45.05	39.29	25.05	24.97	30.51	36.87	26.50	24.19	26.99
24011	0.21	0.17	0.15	0.15	0.15	0.16	0.34	0.27	0.44	0.17	0.16	0.14	0.05	0.05	0.09	0.09	0.10	0.89	0.84	0.83	0.90	1.16	0.73	0.56
	-27.14	-24.79	-23.91	-21.61	-22.73	-25.52	-28.59	-37.32	-33.75	-42.32	-40.14	-31.53	-32.35	-32.47	-43.25	-43.01	-37.07	-5.62	-6.67	-11.99	-16.71	-6.56	-10.25	-15.76
ADK RESOURCE___RCVRY	31.37	28.20	26.87	24.60	25.71	28.27	34.60	42.29	41.89	45.32	43.18	34.78	33.70	33.77	44.92	44.61	38.92	25.66	25.45	30.55	36.85	26.56	24.16	26.91
23798	0.25	0.21	0.18	0.19	0.19	0.19	0.39	0.30	0.48	0.18	0.17	0.15	0.06	0.06	0.10	0.10	0.11	1.02	0.96	1.01	1.08	1.29	0.82	0.66
	-26.77	-24.45	-23.59	-21.31	-22.42	-25.17	-28.26	-36.97	-33.46	-42.03	-39.95	-31.72	-32.55	-32.64	-42.96	-42.57	-36.68	-6.11	-7.02	-11.86	-16.52	-6.48	-10.13	-15.58
ADK S GLENS___FALLS	31.71	28.51	27.17	24.86	25.99	28.59	34.88	42.61	42.14	45.59	43.36	34.58	33.50	33.59	45.21	45.05	39.29	25.05	24.97	30.51	36.87	26.50	24.19	26.99
24028	0.21	0.17	0.15	0.15	0.15	0.16	0.34	0.27	0.44	0.17	0.16	0.14	0.05	0.05	0.09	0.09	0.10	0.89	0.84	0.83	0.90	1.16	0.73	0.56
	-27.14	-24.79	-23.91	-21.61	-22.73	-25.52	-28.59	-37.32	-33.75	-42.32	-40.14	-31.53	-32.35	-32.47	-43.25	-43.01	-37.07	-5.62	-6.67	-11.99	-16.71	-6.56	-10.25	-15.76
ADK_NYS___DAM	30.42	27.33	26.02	23.83	24.91	27.35	33.71	41.36	41.11	44.50	42.45	34.35	33.12	33.10	43.66	43.38	37.85	25.45	25.24	30.25	36.41	26.17	23.80	26.43
23527	0.30	0.24	0.22	0.22	0.22	0.21	0.40	0.31	0.49	0.19	0.19	0.18	0.07	0.06	0.11	0.12	0.13	1.04	1.00	1.04	1.10	1.09	0.74	0.62
	-25.77	-23.53	-22.71	-20.52	-21.59	-24.23	-27.36	-36.03	-32.67	-41.21	-39.20	-31.26	-31.96	-31.96	-41.68	-41.31	-35.59	-5.88	-6.78	-11.53	-16.06	-6.30	-9.85	-15.15
AIR_PRODUCTS___DRP	29.96	26.91	25.63	23.47	24.53	26.94	33.25	40.93	40.68	44.11	41.91	33.27	31.90	31.83	42.61	42.81	37.34	23.29	23.44	29.69	35.79	25.63	23.41	26.02
24190	0.19	0.16	0.14	0.14	0.14	0.13	0.25	0.21	0.33	0.13	0.13	0.13	0.05	0.05	0.08	0.09	0.09	0.61	0.58	0.57	0.60	0.60	0.42	0.32
	-25.42	-23.21	-22.39	-20.23	-21.29	-23.90	-27.05	-35.71	-32.40	-40.88	-38.72	-30.24	-30.76	-30.71	-40.65	-40.77	-35.12	-4.15	-5.40	-11.44	-15.94	-6.26	-9.78	-15.04
ALBANY___1	29.96	26.91	25.63	23.47	24.53	26.94	33.25	40.93	40.68	44.11	41.91	33.27	31.90	31.83	42.61	42.81	37.34	23.29	23.44	29.69	35.79	25.63	23.41	26.02
23571	0.19	0.16	0.14	0.14	0.14	0.13	0.25	0.21	0.33	0.13	0.13	0.13	0.05	0.05	0.08	0.09	0.09	0.61	0.58	0.57	0.60	0.60	0.42	0.32
	-25.42	-23.21	-22.39	-20.23	-21.29	-23.90	-27.05	-35.71	-32.40	-40.88	-38.72	-30.24	-30.76	-30.71	-40.65	-40.77	-35.12	-4.15	-5.40	-11.44	-15.94	-6.26	-9.78	-15.04
ALBANY___2	29.96	26.91	25.63	23.47	24.53	26.94	33.25	40.93	40.68	44.11	41.91	33.27	31.90	31.83	42.61	42.81	37.34	23.29	23.44	29.69	35.79	25.63	23.41	26.02
23572	0.19	0.16	0.14	0.14	0.14	0.13	0.25	0.21	0.33	0.13	0.13	0.13	0.05	0.05	0.08	0.09	0.09	0.61	0.58	0.57	0.60	0.60	0.42	0.32
	-25.42	-23.21	-22.39	-20.23	-21.29	-23.90	-27.05	-35.71	-32.40	-40.88	-38.72	-30.24	-30.76	-30.71	-40.65	-40.77	-35.12	-4.15	-5.40	-11.44	-15.94	-6.26	-9.78	-15.04
ALBANY___3	29.96	26.91	25.63	23.47	24.53	26.94	33.25	40.93	40.68	44.11	41.91	33.27	31.90	31.83	42.61	42.81	37.34	23.29	23.44	29.69	35.79	25.63	23.41	26.02
23573	0.19	0.16	0.14	0.14	0.14	0.13	0.25	0.21	0.33	0.13	0.13	0.13	0.05	0.05	0.08	0.09	0.09	0.61	0.58	0.57	0.60	0.60	0.42	0.32
	-25.42	-23.21	-22.39	-20.23	-21.29	-23.90	-27.05	-35.71	-32.40	-40.88	-38.72	-30.24	-30.76	-30.71	-40.65	-40.77	-35.12	-4.15	-5.40	-11.44	-15.94	-6.26	-9.78	-15.04
ALBANY___4	29.96	26.91	25.63	23.47	24.53	26.94	33.25	40.93	40.68	44.11	41.91	33.27	31.90	31.83	42.61	42.81	37.34	23.29	23.44	29.69	35.79	25.63	23.41	26.02
23574	0.19	0.16	0.14	0.14	0.14	0.13	0.25	0.21	0.33	0.13	0.13	0.13	0.05	0.05	0.08	0.09	0.09	0.61	0.58	0.57	0.60	0.60	0.42	0.32
	-25.42	-23.21	-22.39	-20.23	-21.29	-23.90	-27.05	-35.71	-32.40	-40.88	-38.72	-30.24	-30.76	-30.71	-40.65	-40.77	-35.12	-4.15	-5.40	-11.44	-15.94	-6.26	-9.78	-15.04



ALBANY___LFGE 323615	30.76 0.23 -26.18	27.64 0.19 -23.90	26.33 0.16 -23.06	24.10 0.16 -20.84	25.19 0.17 -21.92	27.68 0.16 -24.61	33.99 0.31 -27.73	41.70 0.26 -36.42	41.36 0.42 -33.00	44.76 0.16 -41.50	42.49 0.16 -39.26	33.56 0.16 -30.49	32.25 0.06 -31.10	32.25 0.06 -31.12	43.60 0.10 -41.63	43.79 0.11 -41.74	38.20 0.11 -35.96	23.68 0.83 -4.31	23.81 0.77 -5.58	30.14 0.76 -11.70	36.35 0.81 -16.30	25.98 0.81 -6.40	23.76 0.55 -10.00	26.46 0.43 -15.37
ALCOA_RYNLDS___DRP 24188	3.65 -0.19 0.51	2.93 -0.16 0.47	2.51 -0.14 0.45	2.55 -0.14 0.41	2.53 -0.15 0.43	2.30 -0.13 0.48	6.17 -0.30 -0.52	7.01 -0.24 -2.23	9.99 -0.37 -2.42	6.93 -0.14 -3.97	7.02 -0.14 -4.10	7.38 -0.13 -4.61	5.03 -0.05 -3.99	4.59 -0.05 -3.57	3.50 -0.09 -1.72	3.41 -0.10 -1.56	3.33 -0.11 -1.30	17.26 -1.28 0.00	16.24 -1.22 0.00	16.23 -1.45 0.00	17.71 -1.54 0.00	17.22 -1.56 0.00	12.27 -0.94 0.00	10.02 -0.64 0.00
ALCOA___DSASP 323711	3.65 -0.19 0.51	2.93 -0.16 0.47	2.51 -0.14 0.45	2.55 -0.14 0.41	2.53 -0.15 0.43	2.30 -0.13 0.48	6.17 -0.30 -0.52	7.01 -0.24 -2.23	9.99 -0.37 -2.42	6.93 -0.14 -3.97	7.02 -0.14 -4.10	7.38 -0.13 -4.61	5.03 -0.05 -3.99	4.59 -0.05 -3.57	3.50 -0.09 -1.72	3.41 -0.10 -1.56	3.33 -0.11 -1.30	17.26 -1.28 0.00	16.24 -1.22 0.00	16.23 -1.45 0.00	17.71 -1.54 0.00	17.22 -1.56 0.00	12.27 -0.94 0.00	10.02 -0.64 0.00
ALLEGHENY___COGEN 23514	7.52 0.20 -2.97	6.44 0.17 -2.71	5.88 0.16 -2.62	5.61 0.15 -2.37	5.74 0.15 -2.49	5.87 0.17 -2.79	12.65 0.38 -6.31	18.26 0.29 -12.95	21.30 0.44 -12.92	25.54 0.15 -22.28	26.10 0.16 -22.88	25.73 0.15 -22.66	18.98 0.06 -17.83	17.45 0.06 -16.32	14.33 0.10 -12.36	13.95 0.10 -11.89	12.38 0.12 -10.13	19.72 0.78 -0.40	18.75 0.72 -0.57	19.83 0.80 -1.35	22.02 0.89 -1.89	20.44 0.92 -0.74	14.83 0.46 -1.16	12.71 0.27 -1.78
ALTONA_WT_PWR 323606	3.70 -0.13 0.53	2.96 -0.10 0.48	2.54 -0.10 0.47	2.58 -0.10 0.42	2.55 -0.11 0.44	2.32 -0.10 0.50	6.13 -0.24 -0.42	6.83 -0.19 -2.00	9.85 -0.27 -2.18	6.59 -0.11 -3.60	6.68 -0.11 -3.73	7.02 -0.11 -4.22	4.69 -0.04 -3.64	4.28 -0.04 -3.25	3.30 -0.08 -1.51	3.22 -0.09 -1.36	3.16 -0.10 -1.14	17.29 -1.24 0.00	16.28 -1.19 0.00	16.34 -1.34 0.00	17.83 -1.42 0.00	17.33 -1.45 0.00	12.30 -0.91 0.00	10.04 -0.62 0.00
AMERICAN_REF_FUEL 24010	7.05 0.06 -2.64	6.04 0.08 -2.41	5.52 0.09 -2.33	5.29 0.09 -2.10	5.42 0.11 -2.21	5.48 0.09 -2.48	12.06 0.10 -6.00	17.64 0.03 -12.60	20.45 -0.10 -12.62	25.34 -0.04 -22.28	26.02 -0.03 -22.98	25.75 -0.03 -22.87	18.73 -0.01 -17.64	17.18 -0.01 -16.11	13.80 0.00 -11.92	13.41 0.00 -11.45	11.89 0.01 -9.75	18.58 -0.32 -0.36	17.73 -0.24 -0.51	18.63 -0.26 -1.21	20.47 -0.46 -1.68	19.16 -0.28 -0.66	13.99 -0.25 -1.03	11.94 -0.31 -1.59
ARTHUR_KILL_GT_1 23520	23.81 0.57 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.01 0.35 -17.75	27.85 0.77 -21.12	35.15 0.66 -29.47	36.79 1.01 -27.84	39.56 0.40 -36.05	41.27 0.40 -37.81	42.17 0.39 -38.87	41.49 0.14 -40.25	41.04 0.14 -39.82	40.23 0.25 -38.11	39.56 0.26 -37.35	39.56 0.28 -37.15	42.46 2.20 -21.72	38.45 2.09 -18.89	33.52 2.14 -13.69	36.32 2.35 -14.72	30.67 2.21 -9.67	29.92 1.53 -15.18	26.76 1.14 -14.96
ARTHUR_KILL_2 23512	23.81 0.57 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.01 0.35 -17.75	27.85 0.77 -21.12	35.15 0.66 -29.47	36.79 1.01 -27.84	39.56 0.40 -36.05	41.27 0.40 -37.81	42.17 0.39 -38.87	41.49 0.14 -40.25	41.04 0.14 -39.82	40.23 0.25 -38.11	39.56 0.26 -37.35	39.56 0.28 -37.15	42.46 2.20 -21.72	38.45 2.09 -18.89	33.52 2.14 -13.69	36.32 2.35 -14.72	30.67 2.21 -9.67	29.92 1.53 -15.18	26.76 1.14 -14.96
ARTHUR_KILL_3 23513	23.77 0.55 -18.87	21.23 0.44 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.38 -15.81	21.01 0.35 -17.75	27.86 0.78 -21.12	35.15 0.68 -29.46	36.84 1.07 -27.83	39.56 0.42 -36.04	41.28 0.42 -37.80	42.17 0.39 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.23 0.26 -38.10	39.56 0.27 -37.34	39.56 0.29 -37.14	42.56 2.32 -21.71	38.54 2.20 -18.87	33.60 2.23 -13.69	36.39 2.43 -14.71	30.79 2.35 -9.67	30.00 1.62 -15.17	26.89 1.28 -14.95
ASHOKAN____ 23654	25.11 0.41 -20.35	22.47 0.34 -18.58	21.33 0.30 -17.93	19.60 0.30 -16.20	20.45 0.30 -17.04	22.31 0.26 -19.14	29.05 0.64 -22.46	36.43 0.57 -30.84	37.07 0.83 -28.29	40.23 0.32 -36.80	39.47 0.32 -36.08	36.19 0.30 -32.98	34.80 0.11 -33.60	34.39 0.10 -33.22	38.99 0.18 -36.94	36.97 0.19 -34.83	32.31 0.20 -29.98	30.80 1.59 -10.67	29.09 1.50 -10.12	28.66 1.70 -9.28	34.01 1.83 -12.93	25.56 1.71 -5.08	22.36 1.21 -7.93	23.77 0.91 -12.20
ASTORIA_EAST_ENERGY_CC1 323581	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.31 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.23 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.54 2.30 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.02 1.65 -15.16	26.87 1.27 -14.94
ASTORIA_EAST_ENERGY_CC2 323582	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.31 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.23 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.54 2.30 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.02 1.65 -15.16	26.87 1.27 -14.94
ASTORIA_GT2_1 24094	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT2_2 24095	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT2_3 24096	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94



ASTORIA_GT2_4 24097	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT3_1 24098	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT3_2 24099	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT3_3 24100	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT3_4 24101	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT4_1 24102	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT4_2 24103	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT4_3 24104	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT4_4 24105	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT_1 23523	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94
ASTORIA_GT_10 24110	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.37 -17.75	27.87 0.79 -21.12	35.18 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.66 2.25 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.49 1.66 -16.61	27.59 1.27 -15.66
ASTORIA_GT_11 24225	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.37 -17.75	27.87 0.79 -21.12	35.18 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.66 2.25 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.49 1.66 -16.61	27.59 1.27 -15.66
ASTORIA_GT_12 24226	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.37 -17.75	27.87 0.79 -21.12	35.18 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.66 2.25 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.49 1.66 -16.61	27.59 1.27 -15.66
ASTORIA_GT_13 24227	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.37 -17.75	27.87 0.79 -21.12	35.18 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.66 2.25 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.49 1.66 -16.61	27.59 1.27 -15.66
ASTORIA_GT_5 24106	23.85 0.61 -18.88	21.27 0.49 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.32 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.56 2.32 -21.71	38.57 2.24 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.03 1.66 -15.16	26.88 1.28 -14.94



ASTORIA_GT_7 24107	23.85	21.27	20.15	18.53	19.32	21.04	27.85	35.14	36.85	39.57	41.27	42.17	41.48	41.03	40.24	39.56	39.55	42.56	38.57	33.64	36.42	30.80	30.03	26.88
	0.61	0.49	0.42	0.41	0.41	0.38	0.77	0.67	1.09	0.43	0.41	0.40	0.15	0.15	0.26	0.28	0.30	2.32	2.24	2.28	2.46	2.37	1.66	1.28
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.45	-27.82	-36.04	-37.80	-38.86	-40.24	-39.81	-38.10	-37.33	-37.13	-21.71	-18.87	-13.67	-14.71	-9.65	-15.16	-14.94
ASTORIA_GT_8 24108	23.85	21.27	20.15	18.53	19.32	21.04	27.85	35.14	36.85	39.57	41.27	42.17	41.48	41.03	40.24	39.56	39.55	42.56	38.57	33.64	36.42	30.80	30.03	26.88
	0.61	0.49	0.42	0.41	0.41	0.38	0.77	0.67	1.09	0.43	0.41	0.40	0.15	0.15	0.26	0.28	0.30	2.32	2.24	2.28	2.46	2.37	1.66	1.28
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.45	-27.82	-36.04	-37.80	-38.86	-40.24	-39.81	-38.10	-37.33	-37.13	-21.71	-18.87	-13.67	-14.71	-9.65	-15.16	-14.94
ASTORIA__2 24149	23.85	21.27	20.15	18.53	19.32	21.04	27.85	35.14	36.85	39.57	41.27	42.17	41.48	41.03	40.24	39.56	39.55	42.56	38.57	33.64	36.42	30.80	30.03	26.88
	0.61	0.49	0.42	0.41	0.41	0.38	0.77	0.67	1.09	0.43	0.41	0.40	0.15	0.15	0.26	0.28	0.30	2.32	2.24	2.28	2.46	2.37	1.66	1.28
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.45	-27.82	-36.04	-37.80	-38.86	-40.24	-39.81	-38.10	-37.33	-37.13	-21.71	-18.87	-13.67	-14.71	-9.65	-15.16	-14.94
ASTORIA__3 23516	23.82	21.25	20.13	18.51	19.30	21.02	27.87	35.18	37.00	39.60	41.50	42.19	41.50	41.05	40.25	40.38	41.17	42.65	38.66	34.62	37.00	31.72	31.49	27.59
	0.58	0.46	0.40	0.39	0.39	0.37	0.79	0.69	1.10	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.25	2.30	2.48	2.37	1.66	1.27
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
ASTORIA__4 23517	23.85	21.27	20.15	18.53	19.32	21.04	27.85	35.14	36.85	39.57	41.27	42.17	41.48	41.03	40.24	39.56	39.55	42.56	38.57	33.64	36.42	30.80	30.03	26.88
	0.61	0.49	0.42	0.41	0.41	0.38	0.77	0.67	1.09	0.43	0.41	0.40	0.15	0.15	0.26	0.28	0.30	2.32	2.24	2.28	2.46	2.37	1.66	1.28
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.45	-27.82	-36.04	-37.80	-38.86	-40.24	-39.81	-38.10	-37.33	-37.13	-21.71	-18.87	-13.67	-14.71	-9.65	-15.16	-14.94
ASTORIA__5 23518	23.82	21.25	20.13	18.51	19.30	21.02	27.87	35.18	37.00	39.60	41.50	42.19	41.50	41.05	40.25	40.38	41.17	42.65	38.66	34.62	37.00	31.72	31.49	27.59
	0.58	0.46	0.40	0.39	0.39	0.37	0.79	0.69	1.10	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.25	2.30	2.48	2.37	1.66	1.27
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
AST_ENERGY_2_CC3 323677	23.77	21.22	20.11	18.50	19.29	21.01	27.86	35.16	36.85	39.57	41.28	42.18	41.49	41.04	40.24	39.56	39.56	42.61	38.56	33.61	36.41	30.79	30.00	26.88
	0.55	0.44	0.38	0.38	0.38	0.35	0.78	0.68	1.08	0.42	0.42	0.40	0.15	0.15	0.26	0.27	0.30	2.37	2.22	2.25	2.45	2.35	1.62	1.27
	-18.87	-17.23	-16.63	-15.02	-15.81	-17.75	-21.12	-29.46	-27.83	-36.04	-37.80	-38.87	-40.24	-39.82	-38.10	-37.34	-37.13	-21.71	-18.87	-13.68	-14.71	-9.66	-15.17	-14.95
AST_ENERGY_2_CC4 323678	23.77	21.22	20.11	18.50	19.29	21.01	27.86	35.16	36.85	39.57	41.28	42.18	41.49	41.04	40.24	39.56	39.56	42.61	38.56	33.61	36.41	30.79	30.00	26.88
	0.55	0.44	0.38	0.38	0.38	0.35	0.78	0.68	1.08	0.42	0.42	0.40	0.15	0.15	0.26	0.27	0.30	2.37	2.22	2.25	2.45	2.35	1.62	1.27
	-18.87	-17.23	-16.63	-15.02	-15.81	-17.75	-21.12	-29.46	-27.83	-36.04	-37.80	-38.87	-40.24	-39.82	-38.10	-37.34	-37.13	-21.71	-18.87	-13.68	-14.71	-9.66	-15.17	-14.95
ATHENS_STG_1 23668	25.43	22.77	21.62	19.85	20.72	22.64	29.26	36.68	37.24	39.97	37.30	27.07	24.44	23.94	35.12	37.33	32.62	15.25	16.89	28.53	33.99	25.32	22.33	24.00
	0.34	0.28	0.24	0.24	0.25	0.23	0.47	0.40	0.64	0.25	0.25	0.24	0.09	0.09	0.16	0.16	0.18	1.28	1.20	1.22	1.33	1.28	0.90	0.69
	-20.74	-18.94	-18.27	-16.51	-17.37	-19.50	-22.83	-31.26	-28.65	-36.62	-33.99	-23.93	-23.26	-22.78	-33.09	-35.22	-30.31	4.56	1.78	-9.62	-13.41	-5.26	-8.23	-12.65
ATHENS_STG_2 23670	25.43	22.77	21.62	19.85	20.72	22.64	29.26	36.68	37.24	39.97	37.30	27.07	24.44	23.94	35.12	37.33	32.62	15.25	16.89	28.53	33.99	25.32	22.33	24.00
	0.34	0.28	0.24	0.24	0.25	0.23	0.47	0.40	0.64	0.25	0.25	0.24	0.09	0.09	0.16	0.16	0.18	1.28	1.20	1.22	1.33	1.28	0.90	0.69
	-20.74	-18.94	-18.27	-16.51	-17.37	-19.50	-22.83	-31.26	-28.65	-36.62	-33.99	-23.93	-23.26	-22.78	-33.09	-35.22	-30.31	4.56	1.78	-9.62	-13.41	-5.26	-8.23	-12.65
ATHENS_STG_3 23677	25.43	22.77	21.62	19.85	20.72	22.64	29.26	36.68	37.24	39.97	37.30	27.07	24.44	23.94	35.12	37.33	32.62	15.25	16.89	28.53	33.99	25.32	22.33	24.00
	0.34	0.28	0.24	0.24	0.25	0.23	0.47	0.40	0.64	0.25	0.25	0.24	0.09	0.09	0.16	0.16	0.18	1.28	1.20	1.22	1.33	1.28	0.90	0.69
	-20.74	-18.94	-18.27	-16.51	-17.37	-19.50	-22.83	-31.26	-28.65	-36.62	-33.99	-23.93	-23.26	-22.78	-33.09	-35.22	-30.31	4.56	1.78	-9.62	-13.41	-5.26	-8.23	-12.65
AUBURN__LFGE 323710	7.22	6.14	5.58	5.35	5.47	5.55	12.36	17.88	21.02	22.20	22.20	22.12	18.39	16.87	13.84	13.45	11.96	19.95	18.96	19.40	21.42	20.11	14.48	12.31
	0.27	0.21	0.18	0.18	0.18	0.19	0.45	0.34	0.53	0.21	0.22	0.20	0.08	0.07	0.12	0.13	0.14	1.06	0.98	0.71	0.77	0.79	0.41	0.33
	-2.61	-2.38	-2.30	-2.07	-2.18	-2.45	-5.96	-12.52	-12.55	-18.89	-18.92	-19.01	-17.22	-15.73	-11.85	-11.38	-9.69	-0.36	-0.51	-1.00	-1.40	-0.55	-0.86	-1.32
BABYLON_RES_REC 323704	27.42	21.40	20.25	18.59	19.50	22.04	30.90	41.80	44.15	40.74	58.32	42.46	41.51	41.06	40.26	40.43	43.03	45.32	42.26	41.25	49.63	39.47	36.02	27.91
	0.64	0.52	0.46	0.44	0.46	0.42	0.90	0.79	1.24	0.49	0.46	0.42	0.16	0.16	0.28	0.29	0.31	2.50	2.36	2.39	2.52	2.50	1.76	1.47
	-22.42	-17.33	-16.69	-15.05	-15.95	-18.70	-24.04	-35.98	-34.97	-37.16	-54.80	-39.13	-40.26	-39.83	-38.11	-38.20	-40.58	-24.28	-22.44	-21.18	-27.86	-18.20	-21.05	-15.78
BARRETT_IC_1 23704	27.51	21.39	20.24	18.59	19.50	22.06	30.97	42.75	44.47	42.75	58.83	42.48	41.52	41.08	40.28	40.60	43.39	45.55	42.52	41.76	50.31	40.00	36.50	29.57
	0.64	0.51	0.45	0.44	0.45	0.41	0.89	0.77	1.22	0.47	0.47	0.44	0.17	0.17	0.29	0.31	0.33	2.67	2.52	2.55	2.75	2.65	1.85	1.43
	-22.53	-17.33	-16.69	-15.05	-15.95	-18.74	-24.13	-36.96	-35.31	-39.18	-55.30	-39.13	-40.26	-39.83	-38.11	-38.34	-40.93	-24.35	-22.54	-21.53	-28.30	-18.58	-21.44	-17.48
BARRETT_IC_10 23701	27.51	21.39	20.24	18.59	19.50	22.06	30.97	42.75	44.47	42.75	58.84	42.48	41.52	41.08	40.28	40.60	43.40	45.55	42.52	41.76	50.31	40.00	36.50	29.57
	0.64	0.51	0.45	0.44	0.45	0.41	0.89	0.77	1.22	0.47	0.47	0.44	0.17	0.17	0.29	0.31	0.33	2.67	2.52	2.55	2.75	2.65	1.85	1.43
	-22.53	-17.33	-16.69	-15.05	-15.95	-18.74	-24.13	-36.96	-35.31	-39.18	-55.30	-39.13	-40.26	-39.83	-38.11	-38.34	-40.93	-24.35	-22.54	-21.53	-28.30	-18.58	-21.44	-17.48



BARRETT_IC_11 23702	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.84 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.40 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT_IC_12 23703	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.84 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.40 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT_IC_2 23705	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.83 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.39 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT_IC_3 23706	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.83 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.39 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT_IC_4 23707	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.83 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.39 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT_IC_5 23708	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.83 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.39 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT_IC_6 23709	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.83 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.39 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT_IC_7 23710	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.83 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.39 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT_IC_8 23711	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.83 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.39 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT_IC_9 23700	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.84 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.40 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT___1 23545	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.83 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.39 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BARRETT___2 23546	27.51 0.64 -22.53	21.39 0.51 -17.33	20.24 0.45 -16.69	18.59 0.44 -15.05	19.50 0.45 -15.95	22.06 0.41 -18.74	30.97 0.89 -24.13	42.75 0.77 -36.96	44.47 1.22 -35.31	42.75 0.47 -39.18	58.84 0.47 -55.30	42.48 0.44 -39.13	41.52 0.17 -40.26	41.08 0.17 -39.83	40.28 0.29 -38.11	40.60 0.31 -38.34	43.40 0.33 -40.93	45.55 2.67 -24.35	42.52 2.52 -22.54	41.76 2.55 -21.53	50.31 2.75 -28.30	40.00 2.65 -18.58	36.50 1.85 -21.44	29.57 1.43 -17.48
BAYONEEC___CTG1 323682	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.36 -17.75	27.86 0.79 -21.12	35.16 0.69 -29.46	36.86 1.10 -27.83	39.57 0.43 -36.04	41.29 0.43 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.27 -38.10	39.57 0.28 -37.34	39.57 0.30 -37.14	42.63 2.39 -21.71	38.59 2.25 -18.87	33.65 2.28 -13.69	36.43 2.46 -14.71	30.83 2.38 -9.67	30.03 1.65 -15.17	26.90 1.29 -14.95
BAYONEEC___CTG2 323683	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.36 -17.75	27.86 0.79 -21.12	35.16 0.69 -29.46	36.86 1.10 -27.83	39.57 0.43 -36.04	41.29 0.43 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.27 -38.10	39.57 0.28 -37.34	39.57 0.30 -37.14	42.63 2.39 -21.71	38.59 2.25 -18.87	33.65 2.28 -13.69	36.43 2.46 -14.71	30.83 2.38 -9.67	30.03 1.65 -15.17	26.90 1.29 -14.95
BAYONEEC___CTG3 323684	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.36 -17.75	27.86 0.79 -21.12	35.16 0.69 -29.46	36.86 1.10 -27.83	39.57 0.43 -36.04	41.29 0.43 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.27 -38.10	39.57 0.28 -37.34	39.57 0.30 -37.14	42.63 2.39 -21.71	38.59 2.25 -18.87	33.65 2.28 -13.69	36.43 2.46 -14.71	30.83 2.38 -9.67	30.03 1.65 -15.17	26.90 1.29 -14.95



BAYONEEC___CTG4 323685	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.36 -17.75	27.86 0.79 -21.12	35.16 0.69 -29.46	36.86 1.10 -27.83	39.57 0.43 -36.04	41.29 0.43 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.27 -38.10	39.57 0.28 -37.34	39.57 0.30 -37.14	42.63 2.39 -21.71	38.59 2.25 -18.87	33.65 2.28 -13.69	36.43 2.46 -14.71	30.83 2.38 -9.67	30.03 1.65 -15.17	26.90 1.29 -14.95
BAYONEEC___CTG5 323686	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.36 -17.75	27.86 0.79 -21.12	35.16 0.69 -29.46	36.86 1.10 -27.83	39.57 0.43 -36.04	41.29 0.43 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.27 -38.10	39.57 0.28 -37.34	39.57 0.30 -37.14	42.63 2.39 -21.71	38.59 2.25 -18.87	33.65 2.28 -13.69	36.43 2.46 -14.71	30.83 2.38 -9.67	30.03 1.65 -15.17	26.90 1.29 -14.95
BAYONEEC___CTG6 323687	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.36 -17.75	27.86 0.79 -21.12	35.16 0.69 -29.46	36.86 1.10 -27.83	39.57 0.43 -36.04	41.29 0.43 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.27 -38.10	39.57 0.28 -37.34	39.57 0.30 -37.14	42.63 2.39 -21.71	38.59 2.25 -18.87	33.65 2.28 -13.69	36.43 2.46 -14.71	30.83 2.38 -9.67	30.03 1.65 -15.17	26.90 1.29 -14.95
BAYONEEC___CTG7 323688	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.36 -17.75	27.86 0.79 -21.12	35.16 0.69 -29.46	36.86 1.10 -27.83	39.57 0.43 -36.04	41.29 0.43 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.27 -38.10	39.57 0.28 -37.34	39.57 0.30 -37.14	42.63 2.39 -21.71	38.59 2.25 -18.87	33.65 2.28 -13.69	36.43 2.46 -14.71	30.83 2.38 -9.67	30.03 1.65 -15.17	26.90 1.29 -14.95
BAYONEEC___CTG8 323689	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.36 -17.75	27.86 0.79 -21.12	35.16 0.69 -29.46	36.86 1.10 -27.83	39.57 0.43 -36.04	41.29 0.43 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.27 -38.10	39.57 0.28 -37.34	39.57 0.30 -37.14	42.63 2.39 -21.71	38.59 2.25 -18.87	33.65 2.28 -13.69	36.43 2.46 -14.71	30.83 2.38 -9.67	30.03 1.65 -15.17	26.90 1.29 -14.95
BEACON___LESR 323632	29.98 0.27 -25.37	26.93 0.22 -23.17	25.64 0.19 -22.35	23.48 0.19 -20.19	24.54 0.19 -21.25	26.95 0.18 -23.85	33.31 0.36 -27.00	40.98 0.30 -35.66	40.80 0.49 -32.36	44.13 0.19 -40.83	41.93 0.19 -38.68	33.31 0.18 -30.22	31.89 0.07 -30.73	31.82 0.07 -30.68	42.68 0.12 -40.69	42.72 0.12 -40.64	37.28 0.14 -35.01	24.16 1.00 -4.63	24.18 0.94 -5.77	30.00 0.94 -11.38	36.11 1.00 -15.86	25.98 0.98 -6.22	23.61 0.67 -9.73	26.13 0.51 -14.96
BEAVER RIVER___HYD 24048	4.21 -0.14 0.00	3.42 -0.12 0.00	2.99 -0.11 0.00	2.98 -0.11 0.00	2.98 -0.12 0.00	2.81 -0.10 0.00	8.90 -0.18 -3.12	13.57 -0.14 -8.68	16.78 -0.20 -9.03	17.23 -0.07 -14.20	17.42 -0.09 -14.44	18.18 -0.08 -15.36	14.65 -0.03 -13.59	13.36 -0.03 -12.32	9.30 -0.06 -7.49	8.91 -0.06 -7.02	7.99 -0.07 -5.94	17.76 -0.78 0.00	16.73 -0.73 0.00	16.73 -0.96 0.00	18.25 -1.00 0.00	17.84 -0.94 0.00	12.51 -0.70 0.00	10.15 -0.51 0.00
BEEBEE_GT_13 23619	6.50 0.10 -2.05	5.52 0.10 -1.87	5.00 0.09 -1.81	4.81 0.08 -1.63	4.90 0.08 -1.72	4.93 0.09 -1.93	11.58 0.19 -5.44	17.09 0.13 -11.94	20.18 0.19 -12.05	20.72 0.06 -17.57	20.61 0.06 -17.49	20.80 0.06 -17.83	17.93 0.02 -16.81	16.36 0.02 -15.27	13.04 0.04 -11.12	12.64 0.04 -10.64	11.23 0.05 -9.05	19.06 0.24 -0.28	18.06 0.19 -0.40	18.88 0.25 -0.95	20.84 0.27 -1.32	19.63 0.34 -0.52	14.14 0.12 -0.81	11.92 0.01 -1.25
BETHLEHEM___GRP 23843	29.96 0.19 -25.42	26.91 0.16 -23.21	25.63 0.14 -22.39	23.47 0.14 -20.23	24.53 0.14 -21.29	26.94 0.13 -23.90	33.25 0.25 -27.05	40.93 0.21 -35.71	40.68 0.33 -32.40	44.11 0.13 -40.88	41.91 0.13 -38.72	33.27 0.13 -30.24	31.90 0.05 -30.76	31.83 0.05 -30.71	42.61 0.08 -40.65	42.81 0.09 -40.77	37.34 0.09 -35.12	23.29 0.61 -4.15	23.44 0.58 -5.40	29.69 0.57 -11.44	35.79 0.60 -15.94	25.63 0.60 -6.26	23.41 0.42 -9.78	26.02 0.32 -15.04
BETHLEHEM___GS1 323560	29.96 0.19 -25.42	26.91 0.16 -23.21	25.63 0.14 -22.39	23.47 0.14 -20.23	24.53 0.14 -21.29	26.94 0.13 -23.90	33.25 0.25 -27.05	40.93 0.21 -35.71	40.68 0.33 -32.40	44.11 0.13 -40.88	41.91 0.13 -38.72	33.27 0.13 -30.24	31.90 0.05 -30.76	31.83 0.05 -30.71	42.61 0.08 -40.65	42.81 0.09 -40.77	37.34 0.09 -35.12	23.29 0.61 -4.15	23.44 0.58 -5.40	29.69 0.57 -11.44	35.79 0.60 -15.94	25.63 0.60 -6.26	23.41 0.42 -9.78	26.02 0.32 -15.04
BETHLEHEM___GS2 323561	29.96 0.19 -25.42	26.91 0.16 -23.21	25.63 0.14 -22.39	23.47 0.14 -20.23	24.53 0.14 -21.29	26.94 0.13 -23.90	33.25 0.25 -27.05	40.93 0.21 -35.71	40.68 0.33 -32.40	44.11 0.13 -40.88	41.91 0.13 -38.72	33.27 0.13 -30.24	31.90 0.05 -30.76	31.83 0.05 -30.71	42.61 0.08 -40.65	42.81 0.09 -40.77	37.34 0.09 -35.12	23.29 0.61 -4.15	23.44 0.58 -5.40	29.69 0.57 -11.44	35.79 0.60 -15.94	25.63 0.60 -6.26	23.41 0.42 -9.78	26.02 0.32 -15.04
BETHLEHEM___GS3 323562	29.96 0.19 -25.42	26.91 0.16 -23.21	25.63 0.14 -22.39	23.47 0.14 -20.23	24.53 0.14 -21.29	26.94 0.13 -23.90	33.25 0.25 -27.05	40.93 0.21 -35.71	40.68 0.33 -32.40	44.11 0.13 -40.88	41.91 0.13 -38.72	33.27 0.13 -30.24	31.90 0.05 -30.76	31.83 0.05 -30.71	42.61 0.08 -40.65	42.81 0.09 -40.77	37.34 0.09 -35.12	23.29 0.61 -4.15	23.44 0.58 -5.40	29.69 0.57 -11.44	35.79 0.60 -15.94	25.63 0.60 -6.26	23.41 0.42 -9.78	26.02 0.32 -15.04
BETHLEHEM___STEEL 23779	7.38 0.17 -2.86	6.33 0.17 -2.61	5.78 0.16 -2.52	5.53 0.15 -2.28	5.69 0.19 -2.40	5.76 0.16 -2.69	12.47 0.30 -6.21	18.10 0.25 -12.83	21.03 0.26 -12.82	37.62 0.10 -34.41	40.70 0.11 -37.53	39.67 0.11 -36.64	20.11 0.04 -18.97	18.52 0.05 -17.40	14.18 0.09 -12.21	13.79 0.09 -11.75	12.24 0.10 -10.01	19.39 0.46 -0.39	18.52 0.51 -0.55	19.50 0.51 -1.30	21.45 0.38 -1.82	19.96 0.47 -0.71	14.57 0.25 -1.11	12.40 0.02 -1.71
BETHPAGE_CC_5 323564	27.38 0.65 -22.38	21.41 0.53 -17.33	20.26 0.46 -16.69	18.59 0.45 -15.05	19.51 0.46 -15.94	22.03 0.42 -18.69	30.87 0.90 -24.01	41.72 0.78 -35.93	44.02 1.20 -34.88	40.75 0.47 -37.18	58.12 0.46 -54.59	42.47 0.44 -39.12	41.52 0.17 -40.26	41.07 0.16 -39.83	40.27 0.29 -38.11	40.38 0.30 -38.13	42.89 0.32 -40.44	45.36 2.58 -24.25	42.30 2.44 -22.39	41.18 2.48 -21.02	49.58 2.66 -27.67	39.39 2.57 -18.04	35.93 1.84 -20.89	27.89 1.47 -15.75
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	7.44 0.19 -2.90	6.38 0.18 -2.65	5.83 0.17 -2.56	5.58 0.17 -2.31	5.73 0.20 -2.43	5.81 0.17 -2.73	12.54 0.33 -6.25	18.18 0.29 -12.88	21.12 0.32 -12.86	36.93 0.12 -33.71	39.86 0.13 -36.66	38.85 0.13 -35.81	20.07 0.05 -18.93	18.49 0.05 -17.36	14.25 0.10 -12.27	13.86 0.11 -11.80	12.31 0.12 -10.06	19.54 0.61 -0.39	18.67 0.65 -0.56	19.64 0.64 -1.32	21.61 0.52 -1.84	20.10 0.60 -0.72	14.67 0.33 -1.13	12.48 0.08 -1.74



BINGHAMTON___COGEN 23790	10.42 0.18 -5.89	9.08 0.15 -5.38	8.42 0.13 -5.19	7.92 0.13 -4.69	8.17 0.14 -4.93	8.58 0.13 -5.54	15.33 0.28 -9.10	21.40 0.23 -16.15	24.01 0.35 -15.72	27.10 0.13 -23.86	27.05 0.14 -23.85	25.70 0.13 -22.66	20.93 0.05 -19.79	19.55 0.05 -18.43	18.26 0.09 -16.30	17.93 0.09 -15.89	15.81 0.10 -13.59	19.97 0.65 -0.78	19.19 0.61 -1.11	20.97 0.64 -2.65	23.59 0.65 -3.69	20.86 0.64 -1.45	15.87 0.40 -2.26	14.44 0.30 -3.48
BLACK RIVER___HYD 24047	4.21 -0.13 0.00	3.43 -0.12 0.00	2.99 -0.11 0.00	2.99 -0.11 0.00	2.98 -0.12 0.00	2.82 -0.09 0.00	9.03 -0.14 -3.22	13.88 -0.10 -8.96	17.12 -0.14 -9.32	17.79 -0.04 -14.73	17.98 -0.07 -14.98	18.78 -0.07 -15.94	15.17 -0.03 -14.10	13.76 -0.03 -12.72	9.55 -0.05 -7.73	9.15 -0.05 -7.25	8.20 -0.06 -6.13	17.93 -0.69 -0.08	16.95 -0.63 -0.11	17.16 -0.78 -0.26	18.80 -0.81 -0.36	18.20 -0.71 -0.14	12.81 -0.62 -0.22	10.53 -0.47 -0.34
BLISS_WT_PWR 323608	7.67 0.25 -3.07	6.58 0.23 -2.80	6.02 0.21 -2.71	5.75 0.21 -2.44	5.92 0.25 -2.57	6.01 0.21 -2.89	12.81 0.44 -6.41	18.48 0.40 -13.06	21.47 0.50 -13.02	35.35 0.19 -32.05	37.88 0.20 -34.62	36.91 0.19 -33.81	20.03 0.07 -18.86	18.47 0.08 -17.32	14.51 0.14 -12.50	14.13 0.14 -12.04	12.54 0.16 -10.26	19.88 0.93 -0.42	19.00 0.94 -0.59	20.03 0.95 -1.40	22.08 0.89 -1.94	20.44 0.90 -0.76	14.94 0.54 -1.19	12.72 0.22 -1.83
BLUE_CIRC_CHEM_DRP 24182	29.34 0.26 -24.73	26.35 0.21 -22.59	25.08 0.19 -21.79	22.97 0.19 -19.69	24.00 0.19 -20.71	26.34 0.17 -23.26	32.73 0.35 -26.43	40.37 0.29 -35.06	40.26 0.46 -31.86	43.58 0.18 -40.30	41.45 0.18 -38.21	33.07 0.17 -29.99	31.59 0.06 -30.43	31.46 0.06 -30.33	41.99 0.11 -40.00	42.17 0.12 -40.10	36.80 0.13 -34.54	23.72 0.87 -4.31	23.78 0.82 -5.49	29.74 0.81 -11.24	35.80 0.89 -15.66	25.79 0.86 -6.15	23.43 0.61 -9.61	25.91 0.47 -14.77
BOC_GAS_DRP 24189	29.68 0.27 -25.06	26.66 0.23 -22.88	25.37 0.20 -22.08	23.24 0.20 -19.95	24.28 0.20 -20.99	26.66 0.19 -23.56	33.05 0.37 -26.73	40.71 0.31 -35.38	40.56 0.49 -32.13	43.84 0.19 -40.54	41.51 0.19 -38.26	32.42 0.18 -29.33	30.85 0.07 -29.69	30.74 0.07 -29.60	42.04 0.12 -40.05	42.53 0.12 -40.46	37.11 0.13 -34.85	22.81 0.87 -3.41	23.10 0.82 -4.81	29.93 0.83 -11.41	36.06 0.90 -15.90	25.90 0.88 -6.24	23.59 0.62 -9.76	26.14 0.48 -15.00
BORALEX_4TH_BRANCH 23824	30.42 0.30 -25.77	27.33 0.24 -23.53	26.02 0.22 -22.71	23.83 0.22 -20.52	24.91 0.22 -21.59	27.35 0.21 -24.23	33.71 0.40 -27.36	41.36 0.31 -36.03	41.11 0.49 -32.67	44.50 0.19 -41.21	42.45 0.19 -39.20	34.35 0.18 -31.26	33.12 0.07 -31.96	33.10 0.06 -31.96	43.66 0.11 -41.68	43.38 0.12 -41.31	37.85 0.13 -35.59	25.45 1.04 -5.88	25.24 1.00 -6.78	30.25 1.04 -11.53	36.41 1.10 -16.06	26.17 1.09 -6.30	23.80 0.74 -9.85	26.43 0.62 -15.15
BOWLINE___1 23526	22.92 0.49 -18.08	20.45 0.39 -16.51	19.38 0.34 -15.93	17.83 0.34 -14.39	18.59 0.34 -15.14	20.23 0.31 -17.00	27.04 0.68 -20.40	34.26 0.60 -28.64	35.32 0.95 -26.42	38.56 0.38 -35.08	38.90 0.37 -35.47	39.70 0.35 -36.44	38.66 0.13 -37.43	38.13 0.13 -36.92	38.24 0.23 -36.14	34.07 0.24 -31.88	29.82 0.26 -27.43	38.29 2.06 -17.70	34.81 1.94 -15.41	27.74 2.02 -8.04	32.63 2.17 -11.21	25.26 2.08 -4.40	21.54 1.45 -6.88	22.35 1.12 -10.57
BOWLINE___2 23595	22.92 0.49 -18.08	20.46 0.39 -16.51	19.38 0.34 -15.93	17.83 0.34 -14.40	18.59 0.34 -15.15	20.23 0.31 -17.00	27.04 0.68 -20.40	34.26 0.60 -28.64	35.32 0.95 -26.43	38.56 0.38 -35.09	38.90 0.37 -35.47	39.71 0.35 -36.44	38.67 0.13 -37.44	38.14 0.13 -36.93	38.25 0.23 -36.14	34.08 0.24 -31.89	29.82 0.26 -27.43	38.30 2.06 -17.71	34.82 1.94 -15.42	27.74 2.02 -8.04	32.65 2.19 -11.21	25.26 2.08 -4.40	21.54 1.45 -6.88	22.36 1.12 -10.57
BROOKHAVEN___DRP 24191	27.43 0.60 -22.48	21.37 0.49 -17.33	20.24 0.45 -16.70	18.55 0.41 -15.05	19.49 0.44 -15.95	22.03 0.40 -18.72	30.88 0.83 -24.09	41.80 0.74 -36.04	44.19 1.15 -35.10	40.60 0.45 -37.05	58.64 0.47 -55.11	42.48 0.44 -39.13	41.52 0.17 -40.26	41.07 0.16 -39.83	40.27 0.29 -38.11	40.54 0.30 -38.29	43.25 0.32 -40.80	45.47 2.61 -24.33	42.43 2.46 -22.50	41.59 2.51 -21.40	50.10 2.71 -28.13	39.86 2.65 -18.43	36.31 1.81 -21.29	27.81 1.39 -15.76
BROOKLYN_NAVY_YARD 23515	23.77 0.55 -18.87	21.22 0.44 -17.23	20.11 0.38 -16.63	18.49 0.37 -15.02	19.28 0.38 -15.80	21.01 0.35 -17.75	27.85 0.77 -21.12	35.15 0.68 -29.46	36.85 1.08 -27.83	39.57 0.42 -36.04	41.29 0.42 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.26 -38.10	39.56 0.27 -37.34	39.56 0.30 -37.13	42.61 2.37 -21.71	38.56 2.22 -18.87	33.61 2.25 -13.68	36.39 2.43 -14.71	30.77 2.33 -9.66	29.99 1.61 -15.17	26.87 1.26 -14.95
BROOKLYN___ARMY_DRP 323595	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
BROOME_2_LFGE 323671	10.42 0.18 -5.89	9.08 0.15 -5.38	8.42 0.13 -5.19	7.92 0.13 -4.69	8.17 0.14 -4.93	8.58 0.13 -5.54	15.33 0.28 -9.10	21.40 0.23 -16.15	24.01 0.35 -15.72	27.10 0.13 -23.86	27.05 0.14 -23.85	25.70 0.13 -22.66	20.93 0.05 -19.79	19.55 0.05 -18.43	18.26 0.09 -16.30	17.93 0.09 -15.89	15.81 0.10 -13.59	19.97 0.65 -0.78	19.19 0.61 -1.11	20.97 0.64 -2.65	23.59 0.65 -3.69	20.86 0.64 -1.45	15.87 0.40 -2.26	14.44 0.30 -3.48
BROOME___LFGE 323600	10.42 0.18 -5.89	9.08 0.15 -5.38	8.42 0.13 -5.19	7.92 0.13 -4.69	8.17 0.14 -4.93	8.58 0.13 -5.54	15.33 0.28 -9.10	21.40 0.23 -16.15	24.01 0.35 -15.72	27.10 0.13 -23.86	27.05 0.14 -23.85	25.70 0.13 -22.66	20.93 0.05 -19.79	19.55 0.05 -18.43	18.26 0.09 -16.30	17.93 0.09 -15.89	15.81 0.10 -13.59	19.97 0.65 -0.78	19.19 0.61 -1.11	20.97 0.64 -2.65	23.59 0.65 -3.69	20.86 0.64 -1.45	15.87 0.40 -2.26	14.44 0.30 -3.48
BURROWS___LYONSDAL 23803	4.34 -0.01 0.00	3.53 -0.02 0.00	3.08 -0.02 0.00	3.08 -0.02 0.00	3.07 -0.03 0.00	2.90 -0.01 0.00	9.53 0.00 -3.58	15.00 0.02 -9.96	18.34 0.03 -10.37	18.79 0.02 -15.66	19.07 0.00 -16.00	20.20 0.00 -17.29	16.30 0.00 -15.20	15.21 0.00 -14.14	10.46 0.00 -8.59	10.01 0.00 -8.06	8.94 -0.01 -6.82	18.38 -0.15 0.00	17.34 -0.12 0.00	17.47 -0.21 0.00	19.04 -0.21 0.00	18.61 -0.17 0.00	13.02 -0.18 0.00	10.54 -0.13 0.00
CAITHNESS_CC_1 323624	27.43 0.60 -22.48	21.37 0.49 -17.33	20.24 0.44 -16.70	18.56 0.41 -15.05	19.49 0.44 -15.95	22.03 0.40 -18.72	30.88 0.83 -24.09	41.80 0.74 -36.04	44.19 1.15 -35.10	40.60 0.45 -37.05	58.64 0.47 -55.11	42.48 0.44 -39.13	41.52 0.17 -40.26	41.07 0.16 -39.83	40.27 0.29 -38.11	40.54 0.30 -38.29	43.25 0.32 -40.80	45.47 2.61 -24.33	42.43 2.46 -22.50	41.59 2.51 -21.40	50.10 2.71 -28.13	39.86 2.65 -18.43	36.31 1.81 -21.29	27.82 1.40 -15.76



CALPINE BETH_PAGE_GT4 24209	27.35 0.67 -22.34	21.41 0.54 -17.33	20.26 0.47 -16.69	18.60 0.45 -15.05	19.51 0.47 -15.94	22.02 0.43 -18.68	30.83 0.90 -23.97	41.65 0.76 -35.87	43.91 1.18 -34.79	40.80 0.46 -37.24	57.89 0.46 -54.37	42.46 0.43 -39.12	41.52 0.16 -40.26	41.07 0.16 -39.83	40.27 0.28 -38.11	40.31 0.29 -38.06	42.73 0.32 -40.27	45.32 2.58 -24.22	42.24 2.43 -22.34	41.02 2.48 -20.86	49.37 2.66 -27.46	39.21 2.57 -17.86	35.78 1.86 -20.71	27.87 1.46 -15.75
CALPINE_BETH_PAGE_GT_4 323586	27.35 0.67 -22.34	21.41 0.54 -17.33	20.26 0.47 -16.69	18.60 0.45 -15.05	19.51 0.47 -15.94	22.02 0.43 -18.68	30.83 0.90 -23.97	41.65 0.76 -35.87	43.91 1.18 -34.79	40.80 0.46 -37.24	57.89 0.46 -54.37	42.46 0.43 -39.12	41.52 0.16 -40.26	41.07 0.16 -39.83	40.27 0.28 -38.11	40.31 0.29 -38.06	42.73 0.32 -40.27	45.32 2.58 -24.22	42.24 2.43 -22.34	41.02 2.48 -20.86	49.37 2.66 -27.46	39.21 2.57 -17.86	35.78 1.86 -20.71	27.87 1.46 -15.75
CALPINE_BP_GT1 23823	27.35 0.67 -22.34	21.41 0.54 -17.33	20.26 0.47 -16.69	18.60 0.45 -15.05	19.51 0.47 -15.94	22.02 0.43 -18.68	30.83 0.90 -23.97	41.65 0.76 -35.87	43.91 1.18 -34.79	40.80 0.46 -37.24	57.89 0.46 -54.37	42.46 0.43 -39.12	41.52 0.16 -40.26	41.07 0.16 -39.83	40.27 0.28 -38.11	40.31 0.29 -38.06	42.73 0.32 -40.27	45.32 2.58 -24.22	42.24 2.43 -22.34	41.02 2.48 -20.86	49.37 2.66 -27.46	39.21 2.57 -17.86	35.78 1.86 -20.71	27.87 1.46 -15.75
CALSPAN___DRP 24200	7.38 0.17 -2.86	6.33 0.17 -2.61	5.78 0.16 -2.52	5.53 0.15 -2.28	5.69 0.19 -2.40	5.76 0.16 -2.69	12.47 0.30 -6.21	18.10 0.25 -12.83	21.03 0.26 -12.82	37.62 0.10 -34.41	40.70 0.11 -37.53	39.67 0.11 -36.64	20.11 0.04 -18.97	18.52 0.05 -17.40	14.18 0.09 -12.21	13.79 0.09 -11.75	12.24 0.10 -10.01	19.39 0.46 -0.39	18.52 0.51 -0.55	19.50 0.51 -1.30	21.45 0.38 -1.82	19.96 0.47 -0.71	14.57 0.25 -1.11	12.40 0.02 -1.71
CANDIGU_WT_PWR 323617	8.37 0.18 -3.84	7.22 0.16 -3.51	6.63 0.15 -3.38	6.30 0.15 -3.06	6.48 0.17 -3.22	6.67 0.15 -3.61	13.39 0.30 -7.14	19.16 0.24 -13.90	21.99 0.30 -13.75	29.27 0.11 -26.06	30.34 0.13 -27.15	29.49 0.12 -26.45	19.87 0.05 -18.73	18.38 0.05 -17.25	15.49 0.09 -13.53	15.12 0.10 -13.08	13.39 0.11 -11.16	19.70 0.65 -0.52	18.82 0.63 -0.73	20.07 0.65 -1.74	22.29 0.62 -2.42	20.34 0.62 -0.95	15.05 0.36 -1.48	13.15 0.20 -2.28
CARR STREET_E_SYR 24060	5.67 0.04 -1.28	4.75 0.03 -1.17	4.26 0.03 -1.13	4.14 0.02 -1.02	4.20 0.03 -1.07	4.15 0.03 -1.21	10.75 0.09 -4.70	16.19 0.07 -11.10	19.35 0.10 -11.31	20.55 0.04 -17.41	20.67 0.04 -17.57	21.11 0.04 -18.16	17.37 0.02 -16.26	15.83 0.01 -14.75	11.98 0.02 -10.09	11.57 0.03 -9.59	10.30 0.03 -8.14	18.85 0.13 -0.19	17.86 0.12 -0.27	18.47 0.14 -0.65	20.30 0.15 -0.90	19.28 0.15 -0.35	13.80 0.04 -0.55	11.54 0.03 -0.85
CARTHAGE___PAPER 23857	4.21 -0.14 0.00	3.42 -0.12 0.00	2.99 -0.11 0.00	2.98 -0.11 0.00	2.98 -0.12 0.00	2.81 -0.10 0.00	8.99 -0.16 -3.19	13.79 -0.12 -8.88	17.01 -0.17 -9.24	17.63 -0.06 -14.58	17.82 -0.08 -14.83	18.61 -0.08 -15.77	15.02 -0.03 -13.96	13.65 -0.03 -12.61	9.48 -0.06 -7.66	9.08 -0.06 -7.19	8.14 -0.07 -6.08	17.86 -0.74 -0.06	16.88 -0.68 -0.09	17.03 -0.87 -0.21	18.64 -0.90 -0.29	18.07 -0.83 -0.11	12.73 -0.66 -0.18	10.45 -0.49 -0.27
CE_DUNWOOD___DRP 24194	23.67 0.52 -18.80	21.14 0.42 -17.17	20.03 0.37 -16.56	18.42 0.36 -14.97	19.21 0.37 -15.75	20.92 0.33 -17.68	27.74 0.73 -21.06	35.01 0.64 -29.34	36.01 1.02 -27.04	39.37 0.40 -35.86	40.04 0.40 -36.58	41.93 0.38 -38.64	41.22 0.14 -39.98	40.76 0.14 -39.55	40.03 0.25 -37.91	35.11 0.26 -32.91	30.84 0.28 -28.43	41.96 2.22 -21.20	37.81 2.09 -18.25	28.29 2.12 -8.49	33.27 2.31 -11.71	25.68 2.20 -4.70	22.09 1.53 -7.35	22.91 1.17 -11.07
CE_MILLWOOD___DRP 24193	23.54 0.50 -18.69	21.02 0.41 -17.06	19.92 0.36 -16.46	18.32 0.35 -14.87	19.11 0.36 -15.65	20.81 0.33 -17.57	27.62 0.71 -20.95	34.88 0.63 -29.23	35.86 0.99 -26.93	39.23 0.39 -35.73	39.83 0.39 -36.38	41.57 0.37 -38.29	40.81 0.14 -39.58	40.34 0.14 -39.13	39.74 0.24 -37.63	34.86 0.25 -32.65	30.50 0.27 -28.09	41.33 2.15 -20.65	37.28 2.03 -17.79	28.17 2.07 -8.42	33.13 2.25 -11.63	25.57 2.14 -4.65	21.97 1.49 -7.27	22.81 1.15 -11.00
CE_NYC2_DRP 24202	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.52 0.39 -15.02	19.31 0.40 -15.81	21.02 0.37 -17.75	27.88 0.80 -21.12	35.18 0.70 -29.47	37.01 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.49 1.66 -16.61	27.59 1.27 -15.66
CE_NYC_DRP 24195	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.01 0.36 -17.75	27.87 0.79 -21.12	35.17 0.70 -29.46	36.84 1.11 -27.79	39.58 0.44 -36.04	41.24 0.43 -37.74	42.19 0.41 -38.86	41.49 0.16 -40.24	41.04 0.15 -39.81	40.24 0.27 -38.10	39.34 0.28 -37.11	39.12 0.31 -36.68	42.66 2.43 -21.70	38.61 2.29 -18.85	33.41 2.32 -13.41	36.31 2.50 -14.56	30.59 2.40 -9.41	29.64 1.66 -14.76	26.70 1.29 -14.75
CHAFFEE___LFGE 323603	7.50 0.19 -2.96	6.44 0.19 -2.71	5.89 0.18 -2.61	5.63 0.17 -2.36	5.79 0.20 -2.48	5.87 0.17 -2.79	12.62 0.36 -6.31	18.27 0.31 -12.94	21.21 0.35 -12.92	36.51 0.14 -33.27	39.32 0.15 -36.11	38.32 0.14 -35.27	20.07 0.05 -18.92	18.49 0.06 -17.36	14.33 0.11 -12.35	13.95 0.11 -11.89	12.38 0.12 -10.13	19.57 0.63 -0.40	18.71 0.68 -0.57	19.72 0.69 -1.35	21.71 0.58 -1.88	20.15 0.64 -0.74	14.72 0.36 -1.15	12.52 0.08 -1.77
CHATEAUG_WT_PWR 323614	3.68 -0.14 0.53	2.95 -0.11 0.48	2.53 -0.11 0.47	2.57 -0.11 0.42	2.54 -0.11 0.44	2.31 -0.10 0.50	6.13 -0.25 -0.42	6.81 -0.20 -1.99	9.82 -0.29 -2.17	6.58 -0.12 -3.59	6.66 -0.12 -3.72	7.00 -0.12 -4.21	4.68 -0.04 -3.63	4.27 -0.05 -3.24	3.29 -0.08 -1.50	3.21 -0.09 -1.35	3.16 -0.10 -1.13	17.31 -1.22 0.00	16.30 -1.17 0.00	16.36 -1.33 0.00	17.85 -1.40 0.00	17.35 -1.43 0.00	12.31 -0.90 0.00	10.04 -0.62 0.00
CHAT_HIGH_FALL_HYD 323578	3.68 -0.15 0.52	2.95 -0.12 0.47	2.53 -0.12 0.46	2.57 -0.11 0.41	2.54 -0.12 0.43	2.31 -0.11 0.49	6.16 -0.27 -0.48	6.94 -0.22 -2.13	9.94 -0.32 -2.32	6.79 -0.13 -3.82	6.88 -0.13 -3.95	7.23 -0.13 -4.44	4.89 -0.05 -3.84	4.46 -0.05 -3.43	3.41 -0.09 -1.63	3.33 -0.10 -1.47	3.25 -0.11 -1.23	17.22 -1.32 0.00	16.21 -1.26 0.00	16.25 -1.43 0.00	17.73 -1.52 0.00	17.24 -1.54 0.00	12.23 -0.98 0.00	9.99 -0.67 0.00
CHAUTAUQUA___LFGE 323629	7.48 0.22 -2.91	6.41 0.21 -2.66	5.86 0.19 -2.56	5.60 0.19 -2.32	5.76 0.22 -2.44	5.84 0.19 -2.74	12.62 0.41 -6.26	18.26 0.36 -12.89	21.24 0.43 -12.87	39.15 0.17 -35.88	42.52 0.18 -39.28	41.38 0.18 -38.29	20.31 0.07 -19.15	18.72 0.07 -17.58	14.29 0.13 -12.28	13.90 0.13 -11.82	12.34 0.14 -10.07	19.73 0.80 -0.40	18.86 0.84 -0.56	19.86 0.85 -1.33	21.85 0.75 -1.85	20.31 0.81 -0.73	14.80 0.46 -1.13	12.56 0.15 -1.74



CH_MIDHUDSON___DRP 24192	24.88 0.51 -20.02	22.24 0.41 -18.28	21.10 0.36 -17.64	19.39 0.36 -15.94	20.23 0.36 -16.77	22.07 0.33 -18.82	28.84 0.73 -22.16	36.17 0.63 -30.52	36.96 0.99 -28.02	40.28 0.39 -36.78	40.36 0.39 -36.91	40.18 0.37 -36.90	39.29 0.14 -38.06	38.90 0.14 -37.69	40.60 0.24 -38.49	36.82 0.25 -34.63	32.20 0.27 -29.80	37.75 2.09 -17.13	34.61 1.97 -15.17	28.79 2.02 -9.10	34.10 2.17 -12.67	25.83 2.08 -4.97	22.42 1.44 -7.77	23.73 1.11 -11.95
CH_MISC_IPPS 23765	24.23 0.52 -19.36	21.65 0.42 -17.68	20.53 0.37 -17.06	18.88 0.37 -15.41	19.69 0.37 -16.22	21.45 0.34 -18.21	28.27 0.74 -21.57	35.56 0.65 -29.89	36.45 1.02 -27.48	39.71 0.40 -36.20	39.86 0.40 -36.40	39.94 0.38 -36.64	38.97 0.14 -37.73	38.53 0.14 -37.32	39.75 0.24 -37.63	35.87 0.25 -33.67	31.38 0.28 -28.97	37.92 2.17 -17.22	34.68 2.04 -15.17	28.53 2.12 -8.72	33.69 2.29 -12.15	25.72 2.18 -4.77	22.18 1.52 -7.46	23.29 1.16 -11.46
CH_RES_BVR_FALLS 23983	2.40 -0.09 1.86	1.77 -0.08 1.70	1.39 -0.07 1.64	1.55 -0.07 1.48	1.47 -0.07 1.56	1.09 -0.07 1.75	6.48 -0.15 -0.67	9.65 -0.13 -4.77	13.04 -0.20 -5.30	12.04 -0.07 -9.02	12.38 -0.08 -9.40	13.69 -0.07 -10.85	10.35 -0.03 -9.29	9.26 -0.03 -8.22	5.17 -0.05 -3.35	4.85 -0.05 -2.95	4.52 -0.06 -2.45	17.80 -0.57 0.16	16.69 -0.54 0.23	16.55 -0.58 0.55	17.86 -0.62 0.77	17.89 -0.58 0.30	12.34 -0.40 0.47	9.64 -0.30 0.73
CH_RES_NIAGARA 23895	7.02 0.04 -2.63	6.02 0.07 -2.41	5.50 0.08 -2.32	5.27 0.07 -2.10	5.41 0.10 -2.21	5.46 0.08 -2.48	12.02 0.07 -5.99	17.60 -0.01 -12.59	20.38 -0.17 -12.61	19.96 -0.07 -16.92	19.54 -0.06 -16.53	19.59 -0.05 -16.73	18.19 -0.02 -17.11	16.66 -0.01 -15.60	13.77 -0.01 -11.91	13.38 -0.01 -11.44	11.86 -0.01 -9.74	18.43 -0.46 -0.36	17.59 -0.38 -0.51	18.48 -0.41 -1.21	20.31 -0.62 -1.68	19.02 -0.41 -0.66	13.90 -0.34 -1.03	11.88 -0.36 -1.58
CH_RES_SYRACUSE 23985	5.88 0.04 -1.49	4.94 0.03 -1.36	4.44 0.03 -1.31	4.31 0.02 -1.18	4.37 0.02 -1.25	4.34 0.03 -1.40	10.88 0.08 -4.84	16.23 0.06 -11.15	19.36 0.09 -11.33	20.53 0.03 -17.40	20.63 0.04 -17.53	20.96 0.04 -18.02	17.28 0.01 -16.17	15.74 0.01 -14.66	12.11 0.02 -10.21	11.70 0.02 -9.73	10.42 0.03 -8.27	18.86 0.11 -0.21	17.87 0.11 -0.30	18.59 0.16 -0.75	20.46 0.17 -1.04	19.37 0.19 -0.41	13.91 0.07 -0.64	11.69 0.04 -0.98
CLINTON_WT_PWR 323605	3.68 -0.14 0.53	2.95 -0.11 0.48	2.53 -0.11 0.47	2.57 -0.11 0.42	2.54 -0.11 0.44	2.31 -0.10 0.50	6.13 -0.25 -0.42	6.81 -0.20 -1.99	9.82 -0.29 -2.17	6.58 -0.12 -3.59	6.66 -0.12 -3.72	7.00 -0.12 -4.21	4.68 -0.04 -3.63	4.27 -0.05 -3.24	3.29 -0.08 -1.50	3.21 -0.09 -1.35	3.16 -0.10 -1.13	17.31 -1.22 0.00	16.30 -1.17 0.00	16.36 -1.33 0.00	17.85 -1.40 0.00	17.35 -1.43 0.00	12.31 -0.90 0.00	10.04 -0.62 0.00
CLINTON___LFGE 323618	3.70 -0.12 0.53	2.97 -0.10 0.48	2.54 -0.10 0.46	2.58 -0.10 0.42	2.55 -0.11 0.44	2.33 -0.09 0.49	6.15 -0.24 -0.43	6.87 -0.18 -2.03	9.90 -0.25 -2.21	6.65 -0.11 -3.65	6.74 -0.10 -3.78	7.08 -0.10 -4.27	4.74 -0.04 -3.69	4.33 -0.04 -3.29	3.33 -0.07 -1.53	3.25 -0.09 -1.38	3.19 -0.10 -1.16	17.29 -1.24 0.00	16.28 -1.19 0.00	16.32 -1.36 0.00	17.81 -1.44 0.00	17.29 -1.48 0.00	12.27 -0.94 0.00	10.04 -0.62 0.00
COLONIE_LFGE___ 323577	31.55 0.24 -26.95	28.36 0.20 -24.61	27.02 0.18 -23.75	24.73 0.18 -21.46	25.85 0.18 -22.57	28.42 0.17 -25.34	34.71 0.33 -28.42	42.44 0.27 -37.15	42.00 0.44 -33.61	45.40 0.17 -42.12	43.05 0.17 -39.82	33.82 0.16 -30.75	32.60 0.06 -31.45	32.67 0.06 -31.54	44.71 0.10 -42.74	44.79 0.11 -42.73	39.07 0.11 -36.82	24.23 0.91 -4.79	24.32 0.86 -6.00	30.48 0.85 -11.94	36.80 0.90 -16.64	26.25 0.94 -6.53	24.05 0.63 -10.21	26.85 0.49 -15.70
CORNELL___ 23752	7.99 0.16 -3.48	6.85 0.13 -3.17	6.27 0.11 -3.06	5.97 0.11 -2.77	6.12 0.11 -2.91	6.29 0.11 -3.27	13.02 0.27 -6.79	18.72 0.22 -13.49	21.67 0.33 -13.39	24.03 0.13 -20.79	24.13 0.13 -20.94	23.69 0.13 -20.65	19.10 0.05 -17.96	17.63 0.05 -16.51	14.98 0.08 -13.03	14.61 0.08 -12.57	12.94 0.09 -10.72	19.63 0.61 -0.48	18.72 0.58 -0.68	19.81 0.55 -1.58	22.04 0.60 -2.20	20.24 0.60 -0.86	14.86 0.30 -1.35	12.98 0.25 -2.07
COXSACKIE___GT 23611	25.59 0.38 -20.86	22.91 0.31 -19.05	21.76 0.27 -18.38	19.98 0.27 -16.61	20.85 0.28 -17.47	22.78 0.25 -19.62	29.45 0.57 -22.93	36.85 0.49 -31.34	37.40 0.75 -28.71	40.62 0.29 -37.22	39.73 0.29 -36.37	35.96 0.27 -32.78	34.59 0.10 -33.40	34.22 0.10 -33.05	39.42 0.17 -37.37	37.59 0.18 -35.46	32.85 0.19 -30.53	30.15 1.48 -10.13	28.62 1.41 -9.74	28.72 1.52 -9.52	34.15 1.64 -13.26	25.54 1.56 -5.20	22.43 1.08 -8.13	23.99 0.82 -12.51
CRESCENT___HYD 24018	31.55 0.24 -26.95	28.36 0.20 -24.61	27.02 0.18 -23.75	24.73 0.18 -21.46	25.85 0.18 -22.57	28.42 0.17 -25.34	34.71 0.33 -28.42	42.44 0.27 -37.15	42.00 0.44 -33.61	45.40 0.17 -42.12	43.05 0.17 -39.82	33.82 0.16 -30.75	32.60 0.06 -31.45	32.67 0.06 -31.54	44.71 0.10 -42.74	44.79 0.11 -42.73	39.07 0.11 -36.82	24.23 0.91 -4.79	24.32 0.86 -6.00	30.48 0.85 -11.94	36.80 0.90 -16.64	26.25 0.94 -6.53	24.05 0.63 -10.21	26.85 0.49 -15.70
CRUCIBLE_METL_DRP 24180	5.88 0.04 -1.49	4.94 0.03 -1.36	4.44 0.03 -1.31	4.31 0.02 -1.18	4.37 0.02 -1.25	4.34 0.03 -1.40	10.88 0.08 -4.84	16.23 0.06 -11.15	19.36 0.09 -11.33	20.53 0.03 -17.40	20.63 0.04 -17.53	20.96 0.04 -18.02	17.28 0.01 -16.17	15.74 0.01 -14.66	12.11 0.02 -10.21	11.70 0.02 -9.73	10.42 0.03 -8.27	18.86 0.11 -0.21	17.87 0.11 -0.30	18.59 0.16 -0.75	20.46 0.17 -1.04	19.37 0.19 -0.41	13.91 0.07 -0.64	11.69 0.04 -0.98
DANC___LFGE 323619	4.21 -0.13 0.00	3.43 -0.12 0.00	2.99 -0.11 0.00	2.99 -0.11 0.00	2.98 -0.12 0.00	2.82 -0.09 0.00	9.03 -0.14 -3.22	13.88 -0.10 -8.96	17.12 -0.14 -9.32	17.79 -0.04 -14.73	17.98 -0.07 -14.98	18.78 -0.07 -15.94	15.17 -0.03 -14.10	13.76 -0.03 -12.72	9.55 -0.05 -7.73	9.15 -0.05 -7.25	8.20 -0.06 -6.13	17.93 -0.69 -0.08	16.95 -0.63 -0.11	17.16 -0.78 -0.26	18.80 -0.81 -0.36	18.20 -0.71 -0.14	12.81 -0.62 -0.22	10.53 -0.47 -0.34
DANSKAMMER___1 23586	24.23 0.52 -19.36	21.65 0.42 -17.68	20.53 0.37 -17.06	18.88 0.37 -15.41	19.69 0.37 -16.22	21.45 0.34 -18.21	28.27 0.74 -21.57	35.56 0.65 -29.89	36.45 1.02 -27.48	39.71 0.40 -36.20	39.86 0.40 -36.40	39.94 0.38 -36.64	38.97 0.14 -37.73	38.53 0.14 -37.32	39.75 0.24 -37.63	35.87 0.25 -33.67	31.38 0.28 -28.97	37.92 2.17 -17.22	34.68 2.04 -15.17	28.53 2.12 -8.72	33.69 2.29 -12.15	25.72 2.18 -4.77	22.18 1.52 -7.46	23.29 1.16 -11.46
DANSKAMMER___2 23589	24.23 0.52 -19.36	21.65 0.42 -17.68	20.53 0.37 -17.06	18.88 0.37 -15.41	19.69 0.37 -16.22	21.45 0.34 -18.21	28.27 0.74 -21.57	35.56 0.65 -29.89	36.45 1.02 -27.48	39.71 0.40 -36.20	39.86 0.40 -36.40	39.94 0.38 -36.64	38.97 0.14 -37.73	38.53 0.14 -37.32	39.75 0.24 -37.63	35.87 0.25 -33.67	31.38 0.28 -28.97	37.92 2.17 -17.22	34.68 2.04 -15.17	28.53 2.12 -8.72	33.69 2.29 -12.15	25.72 2.18 -4.77	22.18 1.52 -7.46	23.29 1.16 -11.46



DANSKAMMER___3 23590	24.23 0.52 -19.36	21.65 0.42 -17.68	20.53 0.37 -17.06	18.88 0.37 -15.41	19.69 0.37 -16.22	21.45 0.34 -18.21	28.27 0.74 -21.57	35.56 0.65 -29.89	36.45 1.02 -27.48	39.71 0.40 -36.20	39.86 0.40 -36.40	39.94 0.38 -36.64	38.97 0.14 -37.73	38.53 0.14 -37.32	39.75 0.24 -37.63	35.87 0.25 -33.67	31.38 0.28 -28.97	37.92 2.17 -17.22	34.68 2.04 -15.17	28.53 2.12 -8.72	33.69 2.29 -12.15	25.72 2.18 -4.77	22.18 1.52 -7.46	23.29 1.16 -11.46
DANSKAMMER___4 23591	24.23 0.52 -19.36	21.65 0.42 -17.68	20.53 0.37 -17.06	18.88 0.37 -15.41	19.69 0.37 -16.22	21.45 0.34 -18.21	28.27 0.74 -21.57	35.56 0.65 -29.89	36.45 1.02 -27.48	39.71 0.40 -36.20	39.86 0.40 -36.40	39.94 0.38 -36.64	38.97 0.14 -37.73	38.53 0.14 -37.32	39.75 0.24 -37.63	35.87 0.25 -33.67	31.38 0.28 -28.97	37.92 2.17 -17.22	34.68 2.04 -15.17	28.53 2.12 -8.72	33.69 2.29 -12.15	25.72 2.18 -4.77	22.18 1.52 -7.46	23.29 1.16 -11.46
DANSKAMMER___DIESEL 23592	24.23 0.52 -19.36	21.65 0.42 -17.68	20.53 0.37 -17.06	18.88 0.37 -15.41	19.69 0.37 -16.22	21.45 0.34 -18.21	28.27 0.74 -21.57	35.56 0.65 -29.89	36.45 1.02 -27.48	39.71 0.40 -36.20	39.86 0.40 -36.40	39.94 0.38 -36.64	38.97 0.14 -37.73	38.53 0.14 -37.32	39.75 0.24 -37.63	35.87 0.25 -33.67	31.38 0.28 -28.97	37.92 2.17 -17.22	34.68 2.04 -15.17	28.53 2.12 -8.72	33.69 2.29 -12.15	25.72 2.18 -4.77	22.18 1.52 -7.46	23.29 1.16 -11.46
DASHVILLE___HYD 23610	24.36 0.46 -19.55	21.78 0.37 -17.86	20.65 0.33 -17.23	18.98 0.32 -15.56	19.80 0.33 -16.38	21.59 0.30 -18.39	28.34 0.65 -21.74	35.66 0.57 -30.07	36.48 0.90 -27.64	39.62 0.35 -36.16	39.10 0.35 -35.69	36.76 0.33 -33.51	35.39 0.12 -34.17	34.93 0.12 -33.73	38.45 0.22 -36.36	36.03 0.22 -33.86	31.51 0.24 -29.13	32.26 1.85 -11.87	30.20 1.75 -10.99	28.47 1.87 -8.91	33.69 2.02 -12.41	25.58 1.93 -4.87	22.17 1.35 -7.62	23.41 1.03 -11.71
DELAWARE___LFGE 323621	11.86 0.25 -7.26	10.39 0.21 -6.63	9.68 0.18 -6.40	9.06 0.18 -5.78	9.36 0.18 -6.08	9.91 0.17 -6.83	16.85 0.37 -10.52	23.33 0.33 -17.99	25.87 0.51 -17.42	28.64 0.20 -25.34	28.33 0.20 -25.07	26.51 0.19 -23.42	22.43 0.07 -21.27	21.07 0.07 -19.93	20.49 0.12 -18.50	20.10 0.12 -18.02	17.69 0.13 -15.42	21.12 0.93 -1.66	20.29 0.89 -1.93	21.99 0.92 -3.38	24.96 1.00 -4.71	21.60 0.98 -1.85	16.74 0.63 -2.89	15.60 0.49 -4.45
DOGLEVILLE___HYD 23807	3.36 0.15 1.14	2.63 0.12 1.04	2.20 0.10 1.01	2.29 0.10 0.91	2.24 0.09 0.96	1.92 0.09 1.07	9.19 0.18 -3.06	15.46 0.15 -10.29	19.10 0.24 -10.92	20.25 0.10 -17.05	20.67 0.09 -17.51	22.28 0.08 -19.29	17.95 0.03 -16.82	16.60 0.03 -15.50	10.33 0.05 -8.41	9.77 0.05 -7.77	8.73 0.06 -6.54	18.91 0.46 0.09	17.78 0.44 0.12	17.85 0.46 0.29	19.36 0.52 0.41	19.14 0.53 0.16	13.30 0.34 0.25	10.57 0.29 0.39
DUNKIRK___1 23563	7.47 0.21 -2.90	6.40 0.20 -2.65	5.85 0.19 -2.56	5.59 0.18 -2.31	5.75 0.22 -2.43	5.83 0.19 -2.73	12.60 0.39 -6.25	18.25 0.35 -12.88	21.22 0.41 -12.86	39.26 0.16 -36.00	42.65 0.17 -39.42	41.51 0.17 -38.43	20.31 0.06 -19.15	18.72 0.07 -17.58	14.27 0.13 -12.27	13.89 0.13 -11.81	12.33 0.14 -10.06	19.69 0.76 -0.39	18.83 0.80 -0.56	19.80 0.80 -1.32	21.81 0.71 -1.84	20.27 0.77 -0.72	14.78 0.44 -1.13	12.53 0.13 -1.74
DUNKIRK___2 23564	7.47 0.21 -2.90	6.40 0.20 -2.65	5.85 0.19 -2.56	5.59 0.18 -2.31	5.75 0.22 -2.43	5.83 0.19 -2.73	12.60 0.39 -6.25	18.25 0.35 -12.88	21.22 0.41 -12.86	39.26 0.16 -36.00	42.65 0.17 -39.42	41.51 0.17 -38.43	20.31 0.06 -19.15	18.72 0.07 -17.58	14.27 0.13 -12.27	13.89 0.13 -11.81	12.33 0.14 -10.06	19.69 0.76 -0.39	18.83 0.80 -0.56	19.80 0.80 -1.32	21.81 0.71 -1.84	20.27 0.77 -0.72	14.78 0.44 -1.13	12.53 0.13 -1.74
DUNKIRK___3 23565	7.42 0.20 -2.87	6.36 0.19 -2.62	5.81 0.18 -2.53	5.55 0.17 -2.28	5.71 0.21 -2.40	5.79 0.18 -2.70	12.53 0.36 -6.22	18.17 0.31 -12.84	21.12 0.35 -12.83	40.44 0.14 -37.20	44.09 0.15 -40.88	42.89 0.15 -39.83	20.40 0.06 -19.25	18.81 0.06 -17.67	14.21 0.11 -12.23	13.82 0.11 -11.76	12.27 0.13 -10.02	19.57 0.65 -0.39	18.72 0.70 -0.55	19.68 0.69 -1.31	21.65 0.58 -1.82	20.15 0.66 -0.72	14.68 0.36 -1.12	12.47 0.08 -1.72
DUNKIRK___4 23566	7.42 0.20 -2.87	6.36 0.19 -2.62	5.81 0.18 -2.53	5.55 0.17 -2.28	5.71 0.21 -2.40	5.79 0.18 -2.70	12.53 0.36 -6.22	18.17 0.31 -12.84	21.12 0.35 -12.83	40.44 0.14 -37.20	44.09 0.15 -40.88	42.89 0.15 -39.83	20.40 0.06 -19.25	18.81 0.06 -17.67	14.21 0.11 -12.23	13.82 0.11 -11.76	12.27 0.13 -10.02	19.57 0.65 -0.39	18.72 0.70 -0.55	19.68 0.69 -1.31	21.65 0.58 -1.82	20.15 0.66 -0.72	14.68 0.36 -1.12	12.47 0.08 -1.72
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.75 0.53 -18.87	21.21 0.43 -17.24	20.10 0.38 -16.63	18.49 0.37 -15.02	19.28 0.37 -15.81	21.00 0.34 -17.75	27.82 0.74 -21.12	35.09 0.66 -29.41	36.06 1.05 -27.07	39.45 0.41 -35.93	40.11 0.41 -36.63	42.15 0.39 -38.85	41.47 0.15 -40.23	41.02 0.14 -39.80	40.22 0.26 -38.09	35.00 0.27 -32.79	30.51 0.29 -28.09	42.35 2.28 -21.54	38.12 2.15 -18.51	28.22 2.17 -8.37	33.27 2.37 -11.66	25.62 2.27 -4.58	21.93 1.57 -7.15	22.87 1.22 -11.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.10 0.47 -18.28	20.62 0.38 -16.70	19.54 0.33 -16.11	17.98 0.33 -14.55	18.75 0.33 -15.31	20.41 0.30 -17.19	27.21 0.67 -20.58	34.44 0.59 -28.83	35.45 0.92 -26.59	38.57 0.36 -35.11	38.46 0.36 -35.04	37.58 0.34 -34.33	36.26 0.13 -35.04	35.73 0.13 -34.53	37.50 0.22 -35.40	34.40 0.23 -32.22	30.10 0.25 -27.72	34.29 1.93 -13.83	31.68 1.82 -12.39	27.88 1.96 -8.23	32.84 2.12 -11.47	25.31 2.03 -4.50	21.65 1.40 -7.04	22.56 1.08 -10.82
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.83 0.60 -18.88	21.26 0.47 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.86 0.78 -21.12	35.14 0.67 -29.45	36.83 1.06 -27.82	39.56 0.42 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.23 0.26 -38.10	39.55 0.27 -37.33	39.55 0.29 -37.13	42.54 2.30 -21.71	38.54 2.20 -18.87	33.59 2.23 -13.67	36.36 2.41 -14.71	30.74 2.31 -9.65	29.98 1.61 -15.16	26.83 1.23 -14.94
EAST HAMPTON___GT 23717	27.59 0.76 -22.48	21.50 0.62 -17.33	20.35 0.56 -16.70	18.66 0.51 -15.05	19.61 0.56 -15.95	22.15 0.52 -18.72	31.14 1.09 -24.09	42.03 0.97 -36.04	44.58 1.54 -35.10	40.75 0.60 -37.05	58.80 0.63 -55.11	42.63 0.59 -39.13	41.58 0.22 -40.26	41.12 0.22 -39.83	40.36 0.38 -38.11	40.63 0.39 -38.29	43.36 0.43 -40.80	46.40 3.54 -24.33	43.27 3.30 -22.50	42.46 3.38 -21.39	51.06 3.68 -28.13	40.74 3.53 -18.43	36.86 2.36 -21.29	28.20 1.78 -15.76
EAST RIVER___6 23660	23.78 0.56 -18.87	21.23 0.44 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.35 -17.75	27.86 0.79 -21.12	35.17 0.69 -29.46	36.87 1.10 -27.83	39.58 0.44 -36.04	41.30 0.43 -37.80	42.19 0.41 -38.87	41.49 0.16 -40.24	41.04 0.15 -39.82	40.25 0.27 -38.10	39.57 0.28 -37.34	39.57 0.31 -37.13	42.67 2.43 -21.71	38.63 2.29 -18.87	33.67 2.30 -13.68	36.47 2.50 -14.71	30.82 2.38 -9.66	30.03 1.65 -15.17	26.90 1.29 -14.95



EAST_RIVER___7 23524	23.78 0.56 -18.87	21.23 0.44 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.35 -17.75	27.86 0.79 -21.12	35.17 0.69 -29.46	36.87 1.10 -27.83	39.58 0.44 -36.04	41.30 0.43 -37.80	42.19 0.41 -38.87	41.49 0.16 -40.24	41.04 0.15 -39.82	40.25 0.27 -38.10	39.57 0.28 -37.34	39.57 0.31 -37.13	42.67 2.43 -21.71	38.63 2.29 -18.87	33.67 2.30 -13.68	36.47 2.50 -14.71	30.82 2.38 -9.66	30.03 1.65 -15.17	26.90 1.29 -14.95
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.67 0.52 -18.80	21.14 0.42 -17.17	20.03 0.37 -16.56	18.42 0.36 -14.97	19.21 0.37 -15.75	20.92 0.33 -17.68	27.74 0.73 -21.06	35.01 0.64 -29.34	36.01 1.02 -27.04	39.37 0.40 -35.86	40.04 0.40 -36.58	41.93 0.38 -38.64	41.22 0.14 -39.98	40.76 0.14 -39.55	40.03 0.25 -37.91	35.11 0.26 -32.91	30.84 0.28 -28.43	41.96 2.22 -21.20	37.81 2.09 -18.25	28.29 2.12 -8.49	33.27 2.31 -11.71	25.68 2.20 -4.70	22.09 1.53 -7.35	22.91 1.17 -11.07
EAST_HAMPTON___DIESEL 23722	27.59 0.76 -22.48	21.50 0.62 -17.33	20.35 0.56 -16.70	18.66 0.51 -15.05	19.61 0.56 -15.95	22.15 0.52 -18.72	31.14 1.09 -24.09	42.03 0.97 -36.04	44.58 1.54 -35.10	40.75 0.60 -37.05	58.80 0.63 -55.11	42.63 0.59 -39.13	41.58 0.22 -40.26	41.12 0.22 -39.83	40.36 0.38 -38.11	40.63 0.39 -38.29	43.36 0.43 -40.80	46.40 3.54 -24.33	43.27 3.30 -22.50	42.46 3.38 -21.39	51.06 3.68 -28.13	40.74 3.53 -18.43	36.86 2.36 -21.29	28.20 1.78 -15.76
EAST_RIVER___1 323558	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.01 0.36 -17.75	27.87 0.79 -21.12	35.17 0.70 -29.46	36.84 1.11 -27.79	39.58 0.44 -36.04	41.24 0.43 -37.74	42.19 0.41 -38.86	41.49 0.16 -40.24	41.04 0.15 -39.81	40.24 0.27 -38.10	39.34 0.28 -37.11	39.12 0.31 -36.68	42.66 2.43 -21.70	38.61 2.29 -18.85	33.41 2.32 -13.41	36.31 2.50 -14.56	30.59 2.40 -9.41	29.64 1.66 -14.76	26.70 1.29 -14.75
EAST_RIVER___2 323559	23.78 0.56 -18.87	21.23 0.44 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.35 -17.75	27.86 0.79 -21.12	35.17 0.69 -29.46	36.87 1.10 -27.83	39.58 0.44 -36.04	41.30 0.43 -37.80	42.19 0.41 -38.87	41.49 0.16 -40.24	41.04 0.15 -39.82	40.25 0.27 -38.10	39.57 0.28 -37.34	39.57 0.31 -37.13	42.67 2.43 -21.71	38.63 2.29 -18.87	33.67 2.30 -13.68	36.47 2.50 -14.71	30.82 2.38 -9.66	30.03 1.65 -15.17	26.90 1.29 -14.95
EAST___DELAWARE_HYD 23607	24.18 0.56 -19.28	21.60 0.45 -17.60	20.48 0.39 -16.98	18.84 0.39 -15.35	19.64 0.40 -16.15	21.40 0.36 -18.13	28.26 0.82 -21.49	35.54 0.72 -29.80	36.47 1.12 -27.41	39.47 0.44 -35.93	39.02 0.44 -35.52	36.91 0.41 -33.59	35.49 0.15 -34.24	35.01 0.15 -33.79	38.24 0.26 -36.11	35.72 0.27 -33.50	31.25 0.30 -28.83	32.98 2.32 -12.13	30.81 2.18 -11.16	28.82 2.37 -8.77	34.03 2.56 -12.22	26.00 2.42 -4.80	22.40 1.69 -7.49	23.48 1.29 -11.52
ELEC_TRO_TEK 24086	26.93 0.60 -21.98	21.35 0.48 -17.32	20.21 0.42 -16.69	18.55 0.41 -15.05	19.45 0.42 -15.93	21.89 0.39 -18.59	30.48 0.84 -23.68	41.09 0.73 -35.34	43.10 1.15 -34.01	41.00 0.45 -37.44	56.04 0.45 -52.53	42.43 0.43 -39.09	41.52 0.16 -40.26	41.07 0.16 -39.83	40.26 0.28 -38.11	39.74 0.29 -37.50	41.42 0.32 -38.97	45.01 2.54 -23.94	41.81 2.39 -21.95	39.64 2.42 -19.53	47.68 2.62 -25.81	37.75 2.52 -16.45	34.22 1.76 -19.25	27.51 1.35 -15.50
ELLENBURG_WT_PWR 323604	3.68 -0.14 0.53	2.95 -0.11 0.48	2.53 -0.11 0.47	2.57 -0.11 0.42	2.54 -0.11 0.44	2.31 -0.10 0.50	6.13 -0.25 -0.42	6.81 -0.20 -1.99	9.82 -0.29 -2.17	6.58 -0.12 -3.59	6.66 -0.12 -3.72	7.00 -0.12 -4.21	4.68 -0.04 -3.63	4.27 -0.05 -3.24	3.29 -0.08 -1.50	3.21 -0.09 -1.35	3.16 -0.10 -1.13	17.31 -1.22 0.00	16.30 -1.17 0.00	16.36 -1.33 0.00	17.85 -1.40 0.00	17.35 -1.43 0.00	12.31 -0.90 0.00	10.04 -0.62 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	7.30 0.15 -2.80	6.26 0.15 -2.56	5.72 0.15 -2.47	5.47 0.14 -2.23	5.62 0.17 -2.35	5.69 0.14 -2.63	12.38 0.27 -6.15	18.00 0.21 -12.77	20.91 0.20 -12.77	45.01 0.08 -41.83	49.63 0.09 -46.48	48.18 0.09 -45.18	20.80 0.03 -19.67	19.18 0.04 -18.07	14.09 0.08 -12.14	13.70 0.08 -11.67	12.16 0.09 -9.94	19.25 0.33 -0.38	18.39 0.38 -0.54	19.33 0.37 -1.28	21.26 0.23 -1.78	19.81 0.34 -0.70	14.46 0.16 -1.09	12.30 -0.04 -1.68
EMPIRE_CC_1 323656	28.32 0.29 -23.67	25.41 0.24 -21.62	24.17 0.21 -20.86	22.16 0.21 -18.85	23.14 0.21 -19.83	25.37 0.20 -22.26	31.76 0.32 -25.49	39.35 0.26 -34.08	39.39 0.41 -31.04	42.72 0.16 -39.46	40.69 0.16 -37.47	32.72 0.15 -29.66	31.12 0.06 -29.97	30.90 0.06 -29.77	40.69 0.10 -38.72	40.85 0.10 -38.79	35.65 0.11 -33.41	23.35 0.83 -3.98	23.45 0.80 -5.18	29.40 0.78 -10.94	35.32 0.83 -15.24	25.68 0.92 -5.98	23.27 0.71 -9.35	25.62 0.58 -14.38
EMPIRE_CC_2 323658	28.32 0.29 -23.67	25.41 0.24 -21.62	24.17 0.21 -20.86	22.16 0.21 -18.85	23.14 0.21 -19.83	25.37 0.20 -22.26	31.76 0.32 -25.49	39.35 0.26 -34.08	39.39 0.41 -31.04	42.72 0.16 -39.46	40.69 0.16 -37.47	32.72 0.15 -29.66	31.12 0.06 -29.97	30.90 0.06 -29.77	40.69 0.10 -38.72	40.85 0.10 -38.79	35.65 0.11 -33.41	23.35 0.83 -3.98	23.45 0.80 -5.18	29.40 0.78 -10.94	35.32 0.83 -15.24	25.68 0.92 -5.98	23.27 0.71 -9.35	25.62 0.58 -14.38
ERIE_WT_PWR 323693	7.38 0.17 -2.86	6.33 0.17 -2.61	5.79 0.16 -2.52	5.54 0.16 -2.28	5.69 0.19 -2.40	5.76 0.16 -2.69	12.47 0.31 -6.21	18.11 0.26 -12.83	21.04 0.27 -12.82	37.62 0.11 -34.41	40.70 0.12 -37.53	39.67 0.11 -36.64	20.11 0.04 -18.97	18.52 0.05 -17.40	14.18 0.09 -12.21	13.79 0.09 -11.75	12.25 0.11 -10.01	19.42 0.50 -0.39	18.56 0.54 -0.55	19.52 0.53 -1.30	21.47 0.40 -1.82	19.98 0.49 -0.71	14.59 0.26 -1.11	12.41 0.03 -1.71
ETNA_115_KV_TB1_REV_LBMP_C 345029	7.92 0.15 -3.42	6.79 0.12 -3.13	6.22 0.10 -3.02	5.92 0.10 -2.73	6.07 0.10 -2.87	6.23 0.10 -3.22	12.95 0.25 -6.74	18.65 0.20 -13.43	21.59 0.30 -13.35	23.84 0.12 -20.61	23.92 0.12 -20.73	23.50 0.11 -20.47	19.05 0.04 -17.91	17.57 0.04 -16.46	14.91 0.07 -12.96	14.53 0.07 -12.50	12.88 0.08 -10.66	19.55 0.54 -0.48	18.66 0.52 -0.67	19.73 0.49 -1.55	21.96 0.54 -2.17	20.17 0.54 -0.85	14.82 0.28 -1.33	12.92 0.21 -2.04
E_CANADA_CAP_HY 24051	38.79 0.11 -34.33	34.98 0.08 -31.35	33.41 0.07 -30.24	30.49 0.07 -27.33	31.92 0.07 -28.75	35.26 0.08 -32.28	41.24 0.24 -35.05	49.34 0.22 -44.10	47.95 0.37 -39.64	51.79 0.15 -48.54	48.69 0.14 -45.49	36.55 0.13 -33.50	36.23 0.05 -35.08	36.86 0.05 -35.74	53.79 0.08 -51.84	53.98 0.08 -51.95	47.02 0.08 -44.81	24.14 0.65 -4.95	24.68 0.59 -6.62	32.88 0.57 -14.63	40.27 0.63 -20.38	27.32 0.54 -8.00	25.96 0.25 -12.50	30.03 0.14 -19.23
E_CANADA_MHWK_HY 24050	3.36 0.15 1.14	2.63 0.12 1.04	2.20 0.10 1.01	2.29 0.10 0.91	2.24 0.09 0.96	1.92 0.09 1.07	9.19 0.18 -3.06	15.46 0.15 -10.29	19.10 0.24 -10.92	20.25 0.10 -17.05	20.67 0.09 -17.51	22.28 0.08 -19.29	17.95 0.03 -16.82	16.60 0.03 -15.50	10.33 0.05 -8.41	9.77 0.05 -7.77	8.73 0.06 -6.54	18.91 0.46 0.09	17.78 0.44 0.12	17.85 0.46 0.29	19.36 0.52 0.41	19.14 0.53 0.16	13.30 0.34 0.25	10.57 0.29 0.39



E_FISHKILL___LBMP 23776	24.42 0.49 -19.58	21.83 0.40 -17.88	20.70 0.35 -17.25	19.03 0.34 -15.59	19.85 0.35 -16.40	21.64 0.32 -18.41	28.41 0.69 -21.77	35.72 0.60 -30.11	36.57 0.95 -27.67	40.17 0.38 -36.69	41.15 0.37 -37.71	44.24 0.35 -40.97	43.91 0.13 -42.68	43.53 0.13 -42.32	41.91 0.23 -39.81	35.99 0.24 -33.80	31.47 0.26 -29.08	45.49 2.06 -24.90	40.63 1.94 -21.23	28.19 1.91 -8.60	33.31 2.08 -11.98	25.47 1.99 -4.70	21.93 1.37 -7.35	23.03 1.07 -11.30
FAR ROCKAWAY___4 23548	27.07 0.69 -22.03	21.42 0.55 -17.32	20.27 0.48 -16.69	18.61 0.47 -15.05	19.51 0.48 -15.93	21.96 0.45 -18.60	30.64 0.96 -23.72	41.59 0.84 -35.73	43.44 1.33 -34.16	41.84 0.52 -38.22	56.37 0.53 -52.78	42.50 0.49 -39.09	41.54 0.19 -40.26	41.09 0.19 -39.83	40.31 0.33 -38.11	39.86 0.34 -37.57	41.65 0.37 -39.15	45.49 2.98 -23.98	42.28 2.81 -22.00	40.25 2.85 -19.71	48.39 3.10 -26.03	38.39 2.97 -16.65	34.71 2.05 -19.45	28.40 1.58 -16.16
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.79 0.57 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.88 0.80 -21.12	35.18 0.70 -29.46	36.89 1.12 -27.83	39.58 0.44 -36.04	41.30 0.44 -37.80	42.19 0.42 -38.87	41.49 0.16 -40.24	41.04 0.15 -39.82	40.25 0.27 -38.10	39.58 0.28 -37.34	39.57 0.31 -37.14	42.69 2.45 -21.71	38.64 2.31 -18.87	33.70 2.33 -13.69	36.49 2.52 -14.71	30.87 2.42 -9.67	30.06 1.68 -15.17	26.91 1.30 -14.95
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.79 0.57 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.88 0.80 -21.12	35.18 0.70 -29.46	36.88 1.11 -27.83	39.58 0.44 -36.04	41.30 0.43 -37.80	42.19 0.41 -38.87	41.49 0.16 -40.24	41.04 0.15 -39.82	40.25 0.27 -38.10	39.57 0.28 -37.34	39.57 0.31 -37.14	42.67 2.43 -21.71	38.63 2.29 -18.87	33.69 2.32 -13.69	36.49 2.52 -14.71	30.87 2.42 -9.67	30.06 1.68 -15.17	26.91 1.30 -14.95
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.01 0.36 -17.75	27.87 0.79 -21.12	35.17 0.70 -29.46	36.87 1.10 -27.83	39.58 0.43 -36.04	41.30 0.43 -37.80	42.19 0.41 -38.87	41.49 0.16 -40.24	41.04 0.15 -39.82	40.24 0.27 -38.10	39.57 0.28 -37.34	39.57 0.31 -37.14	42.67 2.43 -21.71	38.63 2.29 -18.87	33.67 2.30 -13.69	36.47 2.50 -14.71	30.85 2.40 -9.67	30.04 1.66 -15.17	26.90 1.29 -14.95
FARRAGUT___LBMP 323566	23.78 0.56 -18.87	21.23 0.45 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.39 -15.81	21.01 0.36 -17.75	27.86 0.79 -21.12	35.17 0.69 -29.46	36.86 1.10 -27.83	39.58 0.43 -36.04	41.29 0.43 -37.80	42.18 0.41 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.27 -38.10	39.57 0.28 -37.34	39.57 0.30 -37.14	42.63 2.39 -21.71	38.61 2.27 -18.87	33.65 2.28 -13.69	36.45 2.48 -14.71	30.83 2.38 -9.67	30.03 1.65 -15.17	26.89 1.28 -14.95
FENNER___WINDPWR 24204	5.11 0.10 -0.66	4.23 0.09 -0.60	3.75 0.07 -0.58	3.69 0.07 -0.52	3.72 0.07 -0.55	3.60 0.07 -0.62	10.48 0.18 -4.34	16.24 0.15 -11.07	19.57 0.24 -11.39	20.70 0.10 -17.50	20.90 0.09 -17.74	21.67 0.09 -18.67	17.72 0.03 -16.59	16.29 0.03 -15.19	11.73 0.05 -9.80	11.27 0.05 -9.26	10.04 0.06 -7.85	19.07 0.41 -0.12	18.03 0.38 -0.18	18.49 0.39 -0.42	20.25 0.42 -0.58	19.45 0.45 -0.23	13.79 0.22 -0.36	11.39 0.18 -0.55
FIBERTEK___ENERGY 23856	5.88 0.04 -1.49	4.94 0.03 -1.36	4.44 0.03 -1.31	4.31 0.02 -1.18	4.37 0.02 -1.25	4.34 0.03 -1.40	10.88 0.08 -4.84	16.23 0.06 -11.15	19.36 0.09 -11.33	20.53 0.03 -17.40	20.63 0.04 -17.53	20.96 0.04 -18.02	17.28 0.01 -16.17	15.74 0.01 -14.66	12.11 0.02 -10.21	11.70 0.02 -9.73	10.42 0.03 -8.27	18.86 0.11 -0.21	17.87 0.11 -0.30	18.59 0.16 -0.75	20.46 0.17 -1.04	19.37 0.19 -0.41	13.91 0.07 -0.64	11.69 0.04 -0.98
FITZPATRICK____ 23598	5.23 -0.06 -0.94	4.36 -0.05 -0.86	3.89 -0.04 -0.83	3.80 -0.04 -0.75	3.85 -0.04 -0.79	3.76 -0.03 -0.88	10.08 -0.07 -4.19	15.17 -0.06 -10.21	18.29 -0.10 -10.45	19.34 -0.04 -16.28	19.47 -0.04 -16.45	19.97 -0.04 -17.10	16.35 -0.01 -15.27	14.81 -0.01 -13.75	11.03 -0.02 -9.18	10.63 -0.02 -8.71	9.49 -0.03 -7.39	18.36 -0.32 -0.14	17.37 -0.30 -0.20	17.87 -0.28 -0.47	19.60 -0.31 -0.66	18.75 -0.28 -0.26	13.38 -0.24 -0.40	11.09 -0.19 -0.62
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.31 0.53 -19.43	21.72 0.43 -17.74	20.60 0.38 -17.12	18.94 0.37 -15.47	19.75 0.38 -16.27	21.52 0.34 -18.27	28.35 0.76 -21.63	35.64 0.67 -29.95	36.52 1.04 -27.54	39.80 0.41 -36.29	40.03 0.41 -36.56	40.37 0.39 -37.07	39.46 0.14 -38.22	39.03 0.14 -37.81	40.02 0.25 -37.90	35.96 0.26 -33.75	31.45 0.28 -29.04	38.67 2.20 -17.93	35.28 2.08 -15.74	28.58 2.16 -8.74	33.75 2.33 -12.17	25.77 2.21 -4.78	22.22 1.54 -7.47	23.33 1.18 -11.48
FORT ORANGE____ 23900	29.53 0.26 -24.92	26.52 0.21 -22.76	25.24 0.19 -21.96	23.12 0.19 -19.84	24.16 0.19 -20.87	26.52 0.17 -23.43	32.90 0.35 -26.60	40.54 0.29 -35.23	40.41 0.47 -32.00	43.78 0.18 -40.49	41.77 0.18 -38.53	33.84 0.17 -30.76	32.48 0.07 -31.32	32.38 0.06 -31.24	42.49 0.11 -40.51	42.21 0.12 -40.14	36.83 0.13 -34.57	25.15 0.94 -5.67	24.91 0.89 -6.56	29.76 0.88 -11.19	35.80 0.96 -15.59	25.83 0.94 -6.12	23.42 0.65 -9.56	25.87 0.50 -14.71
FORT_DRUM_COGEN 23780	4.21 -0.14 0.00	3.43 -0.12 0.00	2.99 -0.11 0.00	2.99 -0.11 0.00	2.98 -0.12 0.00	2.82 -0.09 0.00	9.02 -0.15 -3.21	13.86 -0.11 -8.94	17.09 -0.15 -9.30	17.75 -0.05 -14.70	17.93 -0.07 -14.95	18.73 -0.07 -15.89	15.13 -0.03 -14.06	13.73 -0.03 -12.69	9.53 -0.05 -7.71	9.13 -0.05 -7.23	8.18 -0.07 -6.12	17.90 -0.70 -0.07	16.93 -0.65 -0.11	17.13 -0.80 -0.24	18.76 -0.83 -0.34	18.16 -0.75 -0.13	12.78 -0.63 -0.21	10.50 -0.48 -0.32
FPL_FAR_ROCK_GT1 24212	27.07 0.69 -22.03	21.42 0.55 -17.32	20.27 0.48 -16.69	18.61 0.47 -15.05	19.51 0.48 -15.93	21.96 0.45 -18.60	30.64 0.96 -23.72	41.59 0.84 -35.73	43.44 1.33 -34.16	41.84 0.52 -38.22	56.37 0.53 -52.78	42.50 0.49 -39.09	41.54 0.19 -40.26	41.09 0.19 -39.83	40.31 0.33 -38.11	39.86 0.34 -37.57	41.65 0.37 -39.15	45.49 2.98 -23.98	42.28 2.81 -22.00	40.25 2.85 -19.71	48.39 3.10 -26.03	38.39 2.97 -16.65	34.71 2.05 -19.45	28.40 1.58 -16.16
FPL_FAR_ROCK_GT2 23815	27.07 0.69 -22.03	21.42 0.55 -17.32	20.27 0.48 -16.69	18.61 0.47 -15.05	19.51 0.48 -15.93	21.96 0.45 -18.60	30.64 0.96 -23.72	41.59 0.84 -35.73	43.44 1.33 -34.16	41.84 0.52 -38.22	56.37 0.53 -52.78	42.50 0.49 -39.09	41.54 0.19 -40.26	41.09 0.19 -39.83	40.31 0.33 -38.11	39.86 0.34 -37.57	41.65 0.37 -39.15	45.49 2.98 -23.98	42.28 2.81 -22.00	40.25 2.85 -19.71	48.39 3.10 -26.03	38.39 2.97 -16.65	34.71 2.05 -19.45	28.40 1.58 -16.16
FRANKLIN_FALL_HYD 24054	3.66 -0.20 0.49	2.93 -0.16 0.45	2.51 -0.15 0.44	2.55 -0.15 0.39	2.52 -0.16 0.41	2.31 -0.14 0.46	6.23 -0.34 -0.61	7.23 -0.26 -2.48	10.23 -0.38 -2.67	7.30 -0.16 -4.35	7.40 -0.15 -4.49	7.78 -0.15 -5.01	5.39 -0.05 -4.35	4.92 -0.06 -3.90	3.70 -0.10 -1.93	3.60 -0.12 -1.76	3.48 -0.13 -1.48	16.96 -1.58 0.00	15.98 -1.48 0.00	15.97 -1.72 0.00	17.44 -1.81 0.00	16.92 -1.86 0.00	12.03 -1.18 0.00	9.87 -0.79 0.00



FREEPORT_EQUS_GT1 23764	27.29	21.40	20.25	18.59	19.50	22.00	30.80	41.68	43.86	41.06	57.63	42.48	41.53	41.08	40.28	40.24	42.55	45.43	42.32	40.94	49.29	39.15	35.60	28.01
	0.65	0.53	0.46	0.44	0.46	0.42	0.91	0.79	1.24	0.48	0.48	0.45	0.17	0.17	0.30	0.31	0.34	2.73	2.57	2.60	2.83	2.72	1.90	1.47
	-22.28	-17.33	-16.69	-15.05	-15.94	-18.67	-23.93	-35.87	-34.68	-37.48	-54.09	-39.12	-40.26	-39.83	-38.11	-37.98	-40.08	-24.17	-22.28	-20.66	-27.21	-17.65	-20.48	-15.87
FREEPORT___CT2 23818	27.29	21.40	20.25	18.59	19.50	22.00	30.80	41.68	43.86	41.06	57.63	42.48	41.53	41.08	40.28	40.24	42.55	45.43	42.32	40.94	49.29	39.15	35.60	28.01
	0.65	0.53	0.46	0.44	0.46	0.42	0.91	0.79	1.24	0.48	0.48	0.45	0.17	0.17	0.30	0.31	0.34	2.73	2.57	2.60	2.83	2.72	1.90	1.47
	-22.28	-17.33	-16.69	-15.05	-15.94	-18.67	-23.93	-35.87	-34.68	-37.48	-54.09	-39.12	-40.26	-39.83	-38.11	-37.98	-40.08	-24.17	-22.28	-20.66	-27.21	-17.65	-20.48	-15.87
FULTON COGEN____ 23766	5.52	4.62	4.13	4.02	4.08	4.02	10.44	15.61	18.74	19.79	19.91	20.33	16.69	15.18	11.48	11.08	9.88	18.61	17.62	18.22	20.02	19.06	13.62	11.37
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.09	-0.05	-0.06	-0.04	-0.09	-0.07
	-1.18	-1.08	-1.04	-0.94	-0.99	-1.11	-4.46	-10.59	-10.80	-16.69	-16.85	-17.42	-15.60	-14.10	-9.61	-9.13	-7.75	-0.17	-0.24	-0.59	-0.82	-0.32	-0.51	-0.78
FULTON___LFGE 323630	36.90	33.24	31.72	28.98	30.33	33.45	39.71	47.67	46.11	49.48	46.67	35.65	34.87	35.27	50.30	51.50	44.89	25.15	25.53	33.23	40.40	27.97	25.98	29.51
	0.31	0.24	0.21	0.21	0.22	0.22	0.58	0.52	0.89	0.36	0.35	0.33	0.12	0.12	0.19	0.19	0.21	1.89	1.76	1.68	1.83	1.62	0.92	0.63
	-32.24	-29.44	-28.41	-25.67	-27.00	-30.32	-33.17	-42.13	-37.28	-46.02	-43.26	-32.42	-33.65	-34.08	-48.23	-49.35	-42.56	-4.72	-6.30	-13.86	-19.32	-7.58	-11.85	-18.22
G.F.CEMENT___DRP 24184	31.71	28.51	27.17	24.86	25.99	28.59	34.88	42.61	42.14	45.59	43.36	34.58	33.50	33.59	45.21	45.05	39.29	25.05	24.97	30.51	36.87	26.50	24.19	26.99
	0.21	0.17	0.15	0.15	0.15	0.16	0.34	0.27	0.44	0.17	0.16	0.14	0.05	0.05	0.09	0.09	0.10	0.89	0.84	0.83	0.90	1.16	0.73	0.56
	-27.14	-24.79	-23.91	-21.61	-22.73	-25.52	-28.59	-37.32	-33.75	-42.32	-40.14	-31.53	-32.35	-32.47	-43.25	-43.01	-37.07	-5.62	-6.67	-11.99	-16.71	-6.56	-10.25	-15.76
GARDENVILLE___LBMP 24039	7.35	6.30	5.75	5.51	5.66	5.73	12.43	18.06	20.98	41.06	44.86	43.63	20.43	18.83	14.14	13.76	12.21	19.31	18.45	19.42	21.36	19.88	14.52	12.36
	0.16	0.16	0.15	0.15	0.18	0.15	0.28	0.23	0.23	0.09	0.10	0.10	0.04	0.04	0.08	0.08	0.09	0.39	0.44	0.44	0.31	0.39	0.20	-0.01
	-2.84	-2.59	-2.50	-2.26	-2.38	-2.67	-6.19	-12.81	-12.80	-37.87	-41.70	-40.62	-19.30	-17.72	-12.19	-11.72	-9.99	-0.39	-0.55	-1.30	-1.80	-0.71	-1.11	-1.70
GENERAL___MILLS 23808	7.38	6.33	5.78	5.53	5.69	5.76	12.47	18.10	21.03	37.62	40.70	39.67	20.11	18.52	14.18	13.79	12.24	19.39	18.52	19.50	21.45	19.96	14.57	12.40
	0.17	0.17	0.16	0.15	0.19	0.16	0.30	0.25	0.26	0.10	0.11	0.11	0.04	0.05	0.09	0.09	0.10	0.46	0.51	0.51	0.38	0.47	0.25	0.02
	-2.86	-2.61	-2.52	-2.28	-2.40	-2.69	-6.21	-12.83	-12.82	-34.41	-37.53	-36.64	-18.97	-17.40	-12.21	-11.75	-10.01	-0.39	-0.55	-1.30	-1.82	-0.71	-1.11	-1.71
GE_PLASTICS___DRP 24183	29.38	26.38	25.11	23.00	24.04	26.38	32.76	40.40	40.29	43.62	41.48	33.09	31.61	31.49	42.01	42.20	36.83	23.64	23.72	29.75	35.81	25.79	23.44	25.92
	0.26	0.21	0.19	0.19	0.19	0.17	0.35	0.29	0.46	0.18	0.18	0.17	0.06	0.06	0.11	0.12	0.13	0.87	0.82	0.81	0.89	0.86	0.61	0.47
	-24.77	-22.62	-21.82	-19.72	-20.75	-23.29	-26.46	-35.10	-31.89	-40.34	-38.24	-30.01	-30.45	-30.35	-40.03	-40.13	-34.57	-4.24	-5.44	-11.25	-15.68	-6.15	-9.62	-14.79
GILBOA___1 23756	22.87	20.43	19.37	17.81	18.58	20.24	26.91	34.18	35.07	37.86	35.90	28.31	25.74	25.09	33.05	34.12	29.83	18.68	19.31	27.09	32.04	24.41	21.12	22.29
	0.29	0.24	0.21	0.20	0.21	0.19	0.40	0.34	0.53	0.21	0.21	0.20	0.07	0.07	0.13	0.13	0.15	1.02	0.96	0.99	1.06	1.03	0.71	0.55
	-18.23	-16.65	-16.06	-14.51	-15.27	-17.14	-20.55	-28.83	-26.60	-34.55	-32.63	-25.20	-24.57	-23.94	-31.05	-32.03	-27.56	0.88	-0.89	-8.42	-11.73	-4.61	-7.20	-11.07
GILBOA___2 23757	22.87	20.43	19.37	17.81	18.58	20.24	26.91	34.18	35.07	37.86	35.90	28.31	25.74	25.09	33.05	34.12	29.83	18.68	19.31	27.09	32.04	24.41	21.12	22.29
	0.29	0.24	0.21	0.20	0.21	0.19	0.40	0.34	0.53	0.21	0.21	0.20	0.07	0.07	0.13	0.13	0.15	1.02	0.96	0.99	1.06	1.03	0.71	0.55
	-18.23	-16.65	-16.06	-14.51	-15.27	-17.14	-20.55	-28.83	-26.60	-34.55	-32.63	-25.20	-24.57	-23.94	-31.05	-32.03	-27.56	0.88	-0.89	-8.42	-11.73	-4.61	-7.20	-11.07
GILBOA___3 23758	22.87	20.43	19.37	17.81	18.58	20.24	26.91	34.18	35.07	37.86	35.90	28.31	25.74	25.09	33.05	34.12	29.83	18.68	19.31	27.09	32.04	24.41	21.12	22.29
	0.29	0.24	0.21	0.20	0.21	0.19	0.40	0.34	0.53	0.21	0.21	0.20	0.07	0.07	0.13	0.13	0.15	1.02	0.96	0.99	1.06	1.03	0.71	0.55
	-18.23	-16.65	-16.06	-14.51	-15.27	-17.14	-20.55	-28.83	-26.60	-34.55	-32.63	-25.20	-24.57	-23.94	-31.05	-32.03	-27.56	0.88	-0.89	-8.42	-11.73	-4.61	-7.20	-11.07
GILBOA___4 23759	22.87	20.43	19.37	17.81	18.58	20.24	26.91	34.18	35.07	37.86	35.90	28.31	25.74	25.09	33.05	34.12	29.83	18.68	19.31	27.09	32.04	24.41	21.12	22.29
	0.29	0.24	0.21	0.20	0.21	0.19	0.40	0.34	0.53	0.21	0.21	0.20	0.07	0.07	0.13	0.13	0.15	1.02	0.96	0.99	1.06	1.03	0.71	0.55
	-18.23	-16.65	-16.06	-14.51	-15.27	-17.14	-20.55	-28.83	-26.60	-34.55	-32.63	-25.20	-24.57	-23.94	-31.05	-32.03	-27.56	0.88	-0.89	-8.42	-11.73	-4.61	-7.20	-11.07
GILBOA____ 23599	22.87	20.43	19.37	17.81	18.58	20.24	26.91	34.18	35.07	37.86	35.90	28.31	25.74	25.09	33.05	34.12	29.83	18.68	19.31	27.09	32.04	24.41	21.12	22.29
	0.29	0.24	0.21	0.20	0.21	0.19	0.40	0.34	0.53	0.21	0.21	0.20	0.07	0.07	0.13	0.13	0.15	1.02	0.96	0.99	1.06	1.03	0.71	0.55
	-18.23	-16.65	-16.06	-14.51	-15.27	-17.14	-20.55	-28.83	-26.60	-34.55	-32.63	-25.20	-24.57	-23.94	-31.05	-32.03	-27.56	0.88	-0.89	-8.42	-11.73	-4.61	-7.20	-11.07
GINNA_____ 23603	6.39	5.41	4.90	4.72	4.80	4.83	11.47	16.97	20.06	20.47	20.34	20.57	17.85	16.28	12.91	12.50	11.11	18.99	17.99	18.78	20.71	19.55	14.07	11.84
	0.09	0.08	0.07	0.07	0.07	0.08	0.16	0.11	0.15	0.05	0.05	0.05	0.02	0.02	0.03	0.04	0.04	0.19	0.14	0.19	0.21	0.28	0.09	0.00
	-1.96	-1.79	-1.72	-1.56	-1.64	-1.84	-5.35	-11.85	-11.96	-17.33	-17.23	-17.61	-16.74	-15.19	-11.00	-10.52	-8.94	-0.27	-0.39	-0.90	-1.25	-0.49	-0.77	-1.18
GLEN PARK_____ 23778	4.21	3.43	2.99	2.99	2.98	2.82	9.04	13.90	17.14	17.82	18.00	18.81	15.19	13.78	9.56	9.16	8.21	17.93	16.95	17.19	18.83	18.21	12.80	10.54
	-0.13	-0.12	-0.11	-0.11	-0.12	-0.09	-0.14	-0.10	-0.14	-0.04	-0.07	-0.07	-0.03	-0.03	-0.05	-0.05	-0.06	-0.69	-0.63	-0.76	-0.79	-0.71	-0.63	-0.47
	0.00	0.00	0.00	0.00	0.00	0.00	-3.22	-8.98	-9.34	-14.76	-15.01	-15.96	-14.13	-12.74	-7.74	-7.26	-6.14	-0.08	-0.11	-0.27	-0.37	-0.14	-0.23	-0.35



GLENWOOD_IC_1_G5 23712	27.01 0.59 -22.07	21.35 0.48 -17.32	20.20 0.42 -16.69	18.55 0.41 -15.05	19.45 0.42 -15.93	21.90 0.38 -18.61	30.54 0.83 -23.75	41.16 0.73 -35.41	43.30 1.16 -34.19	40.79 0.46 -37.23	56.51 0.46 -52.99	42.45 0.43 -39.10	41.52 0.16 -40.26	41.07 0.16 -39.83	40.26 0.28 -38.11	39.88 0.29 -37.64	41.75 0.32 -39.30	45.10 2.56 -24.01	41.92 2.41 -22.05	39.97 2.42 -19.87	48.11 2.64 -26.22	38.10 2.52 -16.81	34.57 1.74 -19.62	27.44 1.34 -15.43
GLENWOOD_IC_2_G1 23688	24.10 0.57 -19.18	21.26 0.46 -17.25	20.14 0.40 -16.64	18.52 0.39 -15.03	19.32 0.40 -15.83	21.11 0.37 -17.84	28.13 0.80 -21.38	35.69 0.70 -29.97	36.76 1.11 -27.71	39.58 0.44 -36.04	41.63 0.43 -38.13	42.22 0.41 -38.90	41.51 0.16 -40.26	41.06 0.15 -39.83	40.25 0.27 -38.11	35.31 0.28 -33.08	31.24 0.31 -28.80	42.76 2.43 -21.80	38.61 2.29 -18.85	29.15 2.32 -9.15	34.60 2.50 -12.85	26.62 2.40 -5.44	22.74 1.66 -7.87	23.13 1.29 -11.18
GLENWOOD_IC_3_G1 23689	24.10 0.57 -19.18	21.26 0.46 -17.25	20.14 0.40 -16.64	18.52 0.39 -15.03	19.32 0.40 -15.83	21.11 0.37 -17.84	28.13 0.80 -21.38	35.69 0.70 -29.97	36.76 1.11 -27.71	39.58 0.44 -36.04	41.63 0.43 -38.13	42.22 0.41 -38.90	41.51 0.16 -40.26	41.06 0.15 -39.83	40.25 0.27 -38.11	35.31 0.28 -33.08	31.24 0.31 -28.80	42.76 2.43 -21.80	38.61 2.29 -18.85	29.15 2.32 -9.15	34.60 2.50 -12.85	26.62 2.40 -5.44	22.74 1.66 -7.87	23.13 1.29 -11.18
GLENWOOD___4 23550	27.01 0.59 -22.07	21.35 0.48 -17.32	20.20 0.42 -16.69	18.55 0.41 -15.05	19.45 0.42 -15.93	21.90 0.38 -18.61	30.54 0.83 -23.75	41.16 0.73 -35.41	43.30 1.16 -34.19	40.79 0.46 -37.23	56.51 0.46 -52.99	42.45 0.43 -39.10	41.52 0.16 -40.26	41.07 0.16 -39.83	40.26 0.28 -38.11	39.88 0.29 -37.64	41.75 0.32 -39.30	45.10 2.56 -24.01	41.92 2.41 -22.05	39.97 2.42 -19.87	48.11 2.64 -26.22	38.10 2.52 -16.81	34.57 1.74 -19.62	27.44 1.34 -15.43
GLENWOOD___5 23614	27.01 0.59 -22.07	21.35 0.48 -17.32	20.20 0.42 -16.69	18.55 0.41 -15.05	19.45 0.42 -15.93	21.90 0.38 -18.61	30.54 0.83 -23.75	41.16 0.73 -35.41	43.30 1.16 -34.19	40.79 0.46 -37.23	56.51 0.46 -52.99	42.45 0.43 -39.10	41.52 0.16 -40.26	41.07 0.16 -39.83	40.26 0.28 -38.11	39.88 0.29 -37.64	41.75 0.32 -39.30	45.10 2.56 -24.01	41.92 2.41 -22.05	39.97 2.42 -19.87	48.11 2.64 -26.22	38.10 2.52 -16.81	34.57 1.74 -19.62	27.44 1.34 -15.43
GLOBAL GREEN_PORT_GT1 23814	27.59 0.76 -22.48	21.50 0.62 -17.33	20.36 0.56 -16.70	18.67 0.52 -15.05	19.61 0.56 -15.95	22.15 0.52 -18.72	31.15 1.10 -24.09	42.04 0.98 -36.04	44.59 1.56 -35.10	40.76 0.61 -37.05	58.80 0.63 -55.11	42.63 0.59 -39.13	41.58 0.22 -40.26	41.12 0.22 -39.83	40.36 0.38 -38.11	40.64 0.40 -38.29	43.36 0.43 -40.80	46.42 3.56 -24.33	43.31 3.34 -22.50	42.47 3.40 -21.39	51.08 3.70 -28.13	40.76 3.55 -18.43	36.86 2.36 -21.29	28.21 1.79 -15.76
GLOBE___DSASP 323697	7.01 0.03 -2.63	6.01 0.06 -2.40	5.49 0.07 -2.32	5.26 0.07 -2.09	5.40 0.09 -2.20	5.45 0.07 -2.47	11.99 0.05 -5.99	17.58 -0.02 -12.58	20.35 -0.20 -12.60	19.62 -0.08 -16.60	19.13 -0.07 -16.14	19.21 -0.06 -16.36	18.15 -0.02 -17.07	16.62 -0.02 -15.57	13.76 -0.02 -11.91	13.37 -0.02 -11.44	11.85 -0.02 -9.74	18.36 -0.54 -0.36	17.52 -0.45 -0.51	18.41 -0.48 -1.20	20.22 -0.71 -1.68	18.95 -0.49 -0.66	13.84 -0.40 -1.03	11.85 -0.39 -1.58
GOETHSLN___LBMP 323567	23.77 0.55 -18.87	21.23 0.44 -17.23	20.12 0.39 -16.63	18.50 0.38 -15.02	19.29 0.38 -15.81	21.01 0.35 -17.75	27.86 0.78 -21.12	35.15 0.68 -29.46	36.83 1.06 -27.83	39.56 0.42 -36.04	41.28 0.42 -37.80	42.17 0.39 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.23 0.26 -38.10	39.56 0.27 -37.34	39.56 0.29 -37.14	42.56 2.32 -21.71	38.54 2.20 -18.87	33.60 2.23 -13.69	36.37 2.41 -14.71	30.79 2.35 -9.67	30.00 1.62 -15.17	26.89 1.28 -14.95
GOODYEAR_LAKE_HYD 323669	8.34 0.26 -3.73	7.16 0.21 -3.40	6.57 0.18 -3.28	6.24 0.18 -2.97	6.40 0.18 -3.12	6.59 0.17 -3.51	13.71 0.40 -7.36	20.05 0.36 -14.67	23.23 0.56 -14.73	25.13 0.22 -21.81	25.01 0.21 -21.74	24.55 0.20 -21.44	20.76 0.08 -19.59	19.15 0.07 -18.01	16.36 0.13 -14.37	15.71 0.13 -13.63	13.89 0.14 -11.62	20.79 1.00 -1.26	19.79 0.94 -1.38	20.76 0.99 -2.09	23.21 1.06 -2.91	20.95 1.03 -1.14	15.63 0.63 -1.78	13.90 0.49 -2.74
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	10.40 0.19 -5.86	9.06 0.16 -5.35	8.41 0.14 -5.16	7.90 0.14 -4.67	8.16 0.15 -4.91	8.56 0.13 -5.51	15.31 0.29 -9.07	21.38 0.24 -16.12	23.98 0.35 -15.69	27.10 0.14 -23.86	27.06 0.14 -23.85	25.71 0.13 -22.66	20.91 0.05 -19.77	19.53 0.05 -18.41	18.22 0.09 -16.26	17.89 0.09 -15.85	15.78 0.10 -13.55	19.98 0.67 -0.78	19.20 0.63 -1.10	20.99 0.67 -2.63	23.61 0.69 -3.67	20.89 0.67 -1.44	15.88 0.42 -2.25	14.44 0.31 -3.46
GOUDEY___7 23579	10.40 0.19 -5.86	9.06 0.16 -5.35	8.41 0.14 -5.16	7.90 0.14 -4.67	8.16 0.15 -4.91	8.56 0.13 -5.51	15.31 0.29 -9.07	21.38 0.24 -16.12	23.98 0.35 -15.69	27.10 0.14 -23.86	27.06 0.14 -23.85	25.71 0.13 -22.66	20.91 0.05 -19.77	19.53 0.05 -18.41	18.22 0.09 -16.26	17.89 0.09 -15.85	15.78 0.10 -13.55	19.98 0.67 -0.78	19.20 0.63 -1.10	20.99 0.67 -2.63	23.61 0.69 -3.67	20.89 0.67 -1.44	15.88 0.42 -2.25	14.44 0.31 -3.46
GOUDEY___8 23580	10.40 0.19 -5.86	9.06 0.16 -5.35	8.41 0.14 -5.16	7.90 0.14 -4.67	8.16 0.15 -4.91	8.56 0.13 -5.51	15.31 0.29 -9.07	21.38 0.24 -16.12	23.98 0.35 -15.69	27.10 0.14 -23.86	27.06 0.14 -23.85	25.71 0.13 -22.66	20.91 0.05 -19.77	19.53 0.05 -18.41	18.22 0.09 -16.26	17.89 0.09 -15.85	15.78 0.10 -13.55	19.98 0.67 -0.78	19.20 0.63 -1.10	20.99 0.67 -2.63	23.61 0.69 -3.67	20.89 0.67 -1.44	15.88 0.42 -2.25	14.44 0.31 -3.46
GOWANUS_GT1_1 24077	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT1_2 24078	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT1_3 24079	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66



GOWANUS_GT1_4 24080	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT1_5 24084	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT1_6 24111	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT1_7 24112	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT1_8 24113	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT2_1 24114	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT2_2 24115	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT2_3 24116	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT2_4 24117	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT2_5 24118	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT2_6 24119	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT2_7 24120	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT2_8 24121	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT3_1 24122	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66
GOWANUS_GT3_2 24123	23.83	21.26	20.14	18.52	19.31	21.03	27.88	35.19	36.99	39.60	41.50	42.20	41.50	41.05	40.25	40.38	41.17	42.65	38.68	34.64	37.04	31.74	31.47	27.56
	0.60	0.48	0.41	0.40	0.40	0.37	0.80	0.70	1.09	0.43	0.43	0.41	0.15	0.15	0.27	0.28	0.30	2.37	2.27	2.32	2.52	2.38	1.65	1.24
	-18.88	-17.24	-16.63	-15.02	-15.81	-17.75	-21.12	-29.47	-27.96	-36.06	-38.01	-38.87	-40.25	-39.82	-38.11	-38.15	-38.73	-21.74	-18.95	-14.64	-15.26	-10.58	-16.61	-15.66



GOWANUS_GT3_3 24124	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT3_4 24125	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT3_5 24126	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT3_6 24127	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT3_7 24128	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT3_8 24129	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT4_1 24130	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT4_2 24131	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT4_3 24132	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT4_4 24133	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT4_5 24134	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT4_6 24135	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT4_7 24136	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GOWANUS_GT4_8 24137	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GREENIDGE___3 23582	7.82 0.12 -3.35	6.71 0.11 -3.06	6.15 0.10 -2.95	5.85 0.09 -2.67	6.01 0.10 -2.81	6.16 0.10 -3.15	12.85 0.23 -6.67	18.54 0.18 -13.34	21.45 0.25 -13.26	24.86 0.09 -21.66	25.19 0.10 -22.02	24.73 0.09 -21.72	19.11 0.05 -17.97	17.61 0.05 -16.49	14.81 0.09 -12.85	14.44 0.09 -12.40	12.80 0.10 -10.57	19.60 0.61 -0.45	18.70 0.59 -0.64	19.82 0.62 -1.52	21.98 0.62 -2.11	20.22 0.62 -0.83	14.84 0.33 -1.30	12.87 0.21 -1.99



GREENIDGE___4 23583	7.82 0.12 -3.35	6.71 0.11 -3.06	6.15 0.10 -2.95	5.85 0.09 -2.67	6.01 0.10 -2.81	6.16 0.10 -3.15	12.85 0.23 -6.67	18.54 0.18 -13.34	21.45 0.25 -13.26	24.86 0.09 -21.66	25.19 0.10 -22.02	24.73 0.09 -21.72	19.11 0.05 -17.97	17.61 0.05 -16.49	14.81 0.09 -12.85	14.44 0.09 -12.40	12.80 0.10 -10.57	19.60 0.61 -0.45	18.70 0.59 -0.64	19.82 0.62 -1.52	21.98 0.62 -2.11	20.22 0.62 -0.83	14.84 0.33 -1.30	12.87 0.21 -1.99
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
GROVEVILLE___HYD 323602	24.31 0.53 -19.43	21.72 0.43 -17.74	20.60 0.38 -17.12	18.94 0.37 -15.47	19.75 0.38 -16.27	21.52 0.34 -18.27	28.35 0.76 -21.63	35.64 0.67 -29.95	36.52 1.04 -27.54	39.80 0.41 -36.29	40.03 0.41 -36.56	40.37 0.39 -37.07	39.46 0.14 -38.22	39.03 0.14 -37.81	40.02 0.25 -37.90	35.96 0.26 -33.75	31.45 0.28 -29.04	38.67 2.20 -17.93	35.28 2.08 -15.74	28.58 2.16 -8.74	33.75 2.33 -12.17	25.77 2.21 -4.78	22.22 1.54 -7.47	23.33 1.18 -11.48
HAMPSHIRE___PAPER_HYD 323593	4.01 -0.33 0.00	3.27 -0.28 0.00	2.85 -0.25 0.00	2.85 -0.25 0.00	2.84 -0.26 0.00	2.68 -0.23 0.00	7.47 -0.47 -1.99	10.17 -0.38 -5.53	13.11 -0.58 -5.75	11.93 -0.22 -9.04	12.03 -0.23 -9.20	12.47 -0.22 -9.78	9.67 -0.08 -8.66	8.83 -0.08 -7.84	6.49 -0.15 -4.76	6.26 -0.16 -4.47	5.74 -0.17 -3.78	16.74 -1.80 0.00	15.77 -1.69 0.00	16.02 -1.66 0.00	17.48 -1.77 0.00	17.05 -1.73 0.00	12.05 -1.16 0.00	9.82 -0.84 0.00
HARDSCRABBLE_WT_PWR 323673	3.31 0.10 1.14	2.58 0.08 1.04	2.16 0.07 1.01	2.25 0.06 0.91	2.20 0.05 0.96	1.89 0.05 1.07	9.12 0.10 -3.06	15.40 0.09 -10.29	19.00 0.13 -10.92	20.21 0.06 -17.05	20.63 0.05 -17.51	22.24 0.05 -19.29	17.93 0.02 -16.82	16.59 0.02 -15.50	10.31 0.02 -8.41	9.75 0.03 -7.77	8.70 0.03 -6.54	18.67 0.22 0.09	17.55 0.21 0.12	17.64 0.25 0.29	19.11 0.27 0.41	18.90 0.28 0.16	13.13 0.17 0.25	10.43 0.15 0.39
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.20 0.49 -17.36	19.80 0.39 -15.85	18.74 0.34 -15.30	17.26 0.34 -13.82	17.99 0.34 -14.54	19.55 0.31 -16.32	26.40 0.70 -19.75	33.57 0.62 -27.93	34.73 0.97 -25.82	37.81 0.38 -34.33	37.91 0.38 -34.47	37.84 0.36 -34.57	36.50 0.13 -35.27	35.90 0.13 -34.69	36.63 0.23 -34.52	33.16 0.24 -30.96	29.02 0.26 -26.63	35.37 2.06 -14.78	32.44 1.94 -13.04	27.46 2.07 -7.71	32.22 2.23 -10.74	25.11 2.12 -4.21	21.28 1.48 -6.59	21.92 1.13 -10.13
HARZA MOOSE___RIVER 24016	4.34 -0.01 0.00	3.53 -0.02 0.00	3.08 -0.02 0.00	3.08 -0.02 0.00	3.07 -0.03 0.00	2.90 -0.01 0.00	9.53 0.00 -3.58	15.00 0.02 -9.96	18.34 0.03 -10.37	18.79 0.02 -15.66	19.07 0.00 -16.00	20.20 0.00 -17.29	16.30 0.00 -15.20	15.21 0.00 -14.14	10.46 0.00 -8.59	10.01 0.00 -8.06	8.94 -0.01 -6.82	18.38 -0.15 0.00	17.34 -0.12 0.00	17.47 -0.21 0.00	19.04 -0.21 0.00	18.61 -0.17 0.00	13.02 -0.18 0.00	10.54 -0.13 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.52 0.39 -15.02	19.31 0.40 -15.81	21.02 0.37 -17.75	27.88 0.80 -21.12	35.18 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.49 1.66 -16.61	27.59 1.27 -15.66
HEMPSTEAD____ 23647	27.15 0.60 -22.20	21.36 0.49 -17.33	20.22 0.42 -16.69	18.56 0.42 -15.05	19.46 0.42 -15.94	21.95 0.39 -18.65	30.66 0.85 -23.86	41.42 0.74 -35.66	43.59 1.17 -34.48	40.89 0.46 -37.33	57.16 0.46 -53.64	42.45 0.43 -39.11	41.52 0.16 -40.26	41.07 0.16 -39.83	40.27 0.28 -38.11	40.08 0.29 -37.84	42.21 0.32 -39.76	45.20 2.56 -24.11	42.06 2.41 -22.19	40.46 2.44 -20.33	48.70 2.64 -26.81	38.62 2.53 -17.31	35.11 1.77 -20.13	27.69 1.38 -15.66
HICKLING___1 23621	9.06 0.27 -4.43	7.83 0.23 -4.05	7.21 0.21 -3.90	6.83 0.20 -3.53	7.04 0.22 -3.71	7.28 0.21 -4.17	14.10 0.45 -7.70	19.92 0.36 -14.54	22.78 0.52 -14.31	26.59 0.20 -23.28	26.90 0.21 -23.62	26.01 0.20 -22.90	19.98 0.08 -18.81	18.53 0.08 -17.38	16.33 0.14 -14.32	15.98 0.14 -13.88	14.14 0.15 -11.85	19.97 0.85 -0.59	19.10 0.80 -0.83	20.50 0.85 -1.97	22.82 0.83 -2.75	20.66 0.81 -1.08	15.38 0.49 -1.68	13.58 0.33 -2.59
HICKLING___2 23622	9.06 0.27 -4.43	7.83 0.23 -4.05	7.21 0.21 -3.90	6.83 0.20 -3.53	7.04 0.22 -3.71	7.28 0.21 -4.17	14.10 0.45 -7.70	19.92 0.36 -14.54	22.78 0.52 -14.31	26.59 0.20 -23.28	26.90 0.21 -23.62	26.01 0.20 -22.90	19.98 0.08 -18.81	18.53 0.08 -17.38	16.33 0.14 -14.32	15.98 0.14 -13.88	14.14 0.15 -11.85	19.97 0.85 -0.59	19.10 0.80 -0.83	20.50 0.85 -1.97	22.82 0.83 -2.75	20.66 0.81 -1.08	15.38 0.49 -1.68	13.58 0.33 -2.59
HIGH FALLS___HY 23754	24.35 0.55 -19.45	21.76 0.44 -17.76	20.63 0.39 -17.14	18.97 0.39 -15.49	19.78 0.39 -16.29	21.56 0.35 -18.29	28.41 0.80 -21.65	35.70 0.71 -29.97	36.59 1.10 -27.56	39.60 0.43 -36.06	39.07 0.43 -35.58	36.67 0.40 -33.35	35.22 0.15 -33.98	34.75 0.15 -33.53	38.31 0.26 -36.18	35.94 0.27 -33.72	31.44 0.29 -29.02	32.45 2.26 -11.65	30.42 2.15 -10.81	28.86 2.32 -8.86	34.10 2.50 -12.35	25.99 2.37 -4.85	22.44 1.65 -7.58	23.57 1.26 -11.65
HILLBURN___GT 23639	22.51 0.50 -17.66	20.08 0.40 -16.13	19.01 0.35 -15.56	17.50 0.34 -14.06	18.24 0.35 -14.79	19.84 0.32 -16.61	26.68 0.70 -20.02	33.86 0.62 -28.22	34.99 0.98 -26.07	38.12 0.38 -34.64	38.31 0.38 -34.87	38.56 0.36 -35.29	37.33 0.14 -36.10	36.76 0.14 -35.55	37.28 0.24 -35.16	33.54 0.25 -31.34	29.36 0.27 -26.96	36.55 2.13 -15.89	33.42 2.01 -13.94	27.62 2.09 -7.85	32.46 2.27 -10.94	25.23 2.16 -4.29	21.41 1.49 -6.71	22.14 1.15 -10.32
HISHELDN_WT_PWR 323625	7.57 0.15 -3.07	6.50 0.15 -2.80	5.95 0.14 -2.70	5.68 0.14 -2.44	5.84 0.16 -2.57	5.94 0.14 -2.89	12.63 0.26 -6.41	18.28 0.20 -13.06	21.17 0.21 -13.02	33.99 0.08 -30.81	36.27 0.09 -33.12	35.38 0.09 -32.38	19.87 0.03 -18.74	18.31 0.04 -17.20	14.44 0.08 -12.49	14.06 0.08 -12.03	12.47 0.09 -10.25	19.34 0.39 -0.42	18.47 0.42 -0.59	19.50 0.42 -1.40	21.50 0.31 -1.95	19.92 0.38 -0.76	14.59 0.18 -1.19	12.51 0.01 -1.84
HOLTSVILLE_IC_1 23690	27.45 0.62 -22.48	21.39 0.51 -17.33	20.25 0.45 -16.70	18.57 0.42 -15.05	19.50 0.45 -15.95	22.04 0.41 -18.72	30.91 0.86 -24.09	41.82 0.76 -36.04	44.23 1.19 -35.10	40.62 0.47 -37.05	58.66 0.48 -55.11	42.50 0.45 -39.13	41.53 0.17 -40.26	41.07 0.17 -39.83	40.28 0.30 -38.11	40.55 0.31 -38.29	43.26 0.33 -40.80	45.55 2.69 -24.33	42.50 2.53 -22.50	41.66 2.58 -21.40	50.16 2.77 -28.14	39.93 2.72 -18.43	36.38 1.88 -21.29	27.86 1.44 -15.76



HOLTSVILLE_IC_10 23699	27.48 0.65 -22.48	21.41 0.53 -17.33	20.27 0.47 -16.70	18.59 0.44 -15.05	19.52 0.47 -15.95	22.06 0.43 -18.72	30.95 0.90 -24.09	41.86 0.80 -36.04	44.29 1.26 -35.09	40.65 0.50 -37.05	58.66 0.51 -55.09	42.52 0.48 -39.13	41.54 0.18 -40.26	41.09 0.18 -39.83	40.30 0.32 -38.11	40.56 0.33 -38.28	43.27 0.35 -40.78	45.71 2.85 -24.32	42.65 2.69 -22.50	41.81 2.74 -21.38	50.31 2.95 -28.11	40.08 2.89 -18.42	36.47 1.98 -21.28	27.94 1.51 -15.76
HOLTSVILLE_IC_2 23691	27.45 0.62 -22.48	21.39 0.51 -17.33	20.25 0.45 -16.70	18.57 0.42 -15.05	19.50 0.45 -15.95	22.04 0.41 -18.72	30.91 0.86 -24.09	41.82 0.76 -36.04	44.23 1.19 -35.10	40.62 0.47 -37.05	58.66 0.48 -55.11	42.50 0.45 -39.13	41.53 0.17 -40.26	41.07 0.17 -39.83	40.28 0.30 -38.11	40.55 0.31 -38.29	43.26 0.33 -40.80	45.55 2.69 -24.33	42.50 2.53 -22.50	41.66 2.58 -21.40	50.16 2.77 -28.14	39.93 2.72 -18.43	36.38 1.88 -21.29	27.86 1.44 -15.76
HOLTSVILLE_IC_3 23692	27.45 0.62 -22.48	21.39 0.51 -17.33	20.25 0.45 -16.70	18.57 0.42 -15.05	19.50 0.45 -15.95	22.04 0.41 -18.72	30.91 0.86 -24.09	41.82 0.76 -36.04	44.23 1.19 -35.10	40.62 0.47 -37.05	58.66 0.48 -55.11	42.50 0.45 -39.13	41.53 0.17 -40.26	41.07 0.17 -39.83	40.28 0.30 -38.11	40.55 0.31 -38.29	43.26 0.33 -40.80	45.55 2.69 -24.33	42.50 2.53 -22.50	41.66 2.58 -21.40	50.16 2.77 -28.14	39.93 2.72 -18.43	36.38 1.88 -21.29	27.86 1.44 -15.76
HOLTSVILLE_IC_4 23693	27.45 0.62 -22.48	21.39 0.51 -17.33	20.25 0.45 -16.70	18.57 0.42 -15.05	19.50 0.45 -15.95	22.04 0.41 -18.72	30.91 0.86 -24.09	41.82 0.76 -36.04	44.23 1.19 -35.10	40.62 0.47 -37.05	58.66 0.48 -55.11	42.50 0.45 -39.13	41.53 0.17 -40.26	41.07 0.17 -39.83	40.28 0.30 -38.11	40.55 0.31 -38.29	43.26 0.33 -40.80	45.55 2.69 -24.33	42.50 2.53 -22.50	41.66 2.58 -21.40	50.16 2.77 -28.14	39.93 2.72 -18.43	36.38 1.88 -21.29	27.86 1.44 -15.76
HOLTSVILLE_IC_5 23694	27.45 0.62 -22.48	21.39 0.51 -17.33	20.25 0.45 -16.70	18.57 0.42 -15.05	19.50 0.45 -15.95	22.04 0.41 -18.72	30.91 0.86 -24.09	41.82 0.76 -36.04	44.23 1.19 -35.10	40.62 0.47 -37.05	58.66 0.48 -55.11	42.50 0.45 -39.13	41.53 0.17 -40.26	41.07 0.17 -39.83	40.28 0.30 -38.11	40.55 0.31 -38.29	43.26 0.33 -40.80	45.55 2.69 -24.33	42.50 2.53 -22.50	41.66 2.58 -21.40	50.16 2.77 -28.14	39.93 2.72 -18.43	36.38 1.88 -21.29	27.86 1.44 -15.76
HOLTSVILLE_IC_6 23695	27.48 0.65 -22.48	21.41 0.53 -17.33	20.27 0.47 -16.70	18.59 0.44 -15.05	19.52 0.47 -15.95	22.06 0.43 -18.72	30.95 0.90 -24.09	41.86 0.80 -36.04	44.29 1.26 -35.09	40.65 0.50 -37.05	58.66 0.51 -55.09	42.52 0.48 -39.13	41.54 0.18 -40.26	41.09 0.18 -39.83	40.30 0.32 -38.11	40.56 0.33 -38.28	43.27 0.35 -40.78	45.71 2.85 -24.32	42.65 2.69 -22.50	41.81 2.74 -21.38	50.31 2.95 -28.11	40.08 2.89 -18.42	36.47 1.98 -21.28	27.94 1.51 -15.76
HOLTSVILLE_IC_7 23696	27.48 0.65 -22.48	21.41 0.53 -17.33	20.27 0.47 -16.70	18.59 0.44 -15.05	19.52 0.47 -15.95	22.06 0.43 -18.72	30.95 0.90 -24.09	41.86 0.80 -36.04	44.29 1.26 -35.09	40.65 0.50 -37.05	58.66 0.51 -55.09	42.52 0.48 -39.13	41.54 0.18 -40.26	41.09 0.18 -39.83	40.30 0.32 -38.11	40.56 0.33 -38.28	43.27 0.35 -40.78	45.71 2.85 -24.32	42.65 2.69 -22.50	41.81 2.74 -21.38	50.31 2.95 -28.11	40.08 2.89 -18.42	36.47 1.98 -21.28	27.94 1.51 -15.76
HOLTSVILLE_IC_8 23697	27.48 0.65 -22.48	21.41 0.53 -17.33	20.27 0.47 -16.70	18.59 0.44 -15.05	19.52 0.47 -15.95	22.06 0.43 -18.72	30.95 0.90 -24.09	41.86 0.80 -36.04	44.29 1.26 -35.09	40.65 0.50 -37.05	58.66 0.51 -55.09	42.52 0.48 -39.13	41.54 0.18 -40.26	41.09 0.18 -39.83	40.30 0.32 -38.11	40.56 0.33 -38.28	43.27 0.35 -40.78	45.71 2.85 -24.32	42.65 2.69 -22.50	41.81 2.74 -21.38	50.31 2.95 -28.11	40.08 2.89 -18.42	36.47 1.98 -21.28	27.94 1.51 -15.76
HOLTSVILLE_IC_9 23698	27.48 0.65 -22.48	21.41 0.53 -17.33	20.27 0.47 -16.70	18.59 0.44 -15.05	19.52 0.47 -15.95	22.06 0.43 -18.72	30.95 0.90 -24.09	41.86 0.80 -36.04	44.29 1.26 -35.09	40.65 0.50 -37.05	58.66 0.51 -55.09	42.52 0.48 -39.13	41.54 0.18 -40.26	41.09 0.18 -39.83	40.30 0.32 -38.11	40.56 0.33 -38.28	43.27 0.35 -40.78	45.71 2.85 -24.32	42.65 2.69 -22.50	41.81 2.74 -21.38	50.31 2.95 -28.11	40.08 2.89 -18.42	36.47 1.98 -21.28	27.94 1.51 -15.76
HOWARD_WT_PWR 323690	8.17 0.15 -3.67	7.04 0.14 -3.35	6.46 0.13 -3.23	6.14 0.12 -2.92	6.32 0.14 -3.07	6.49 0.13 -3.45	13.22 0.29 -6.98	18.95 0.23 -13.71	21.81 0.29 -13.58	27.24 0.11 -24.03	27.95 0.13 -24.76	27.27 0.12 -24.23	19.56 0.05 -18.42	18.07 0.05 -16.94	15.27 0.10 -13.29	14.90 0.11 -12.84	13.20 0.12 -10.95	19.77 0.74 -0.50	18.92 0.75 -0.70	20.14 0.80 -1.66	22.35 0.79 -2.31	20.49 0.81 -0.91	15.06 0.44 -1.42	13.11 0.27 -2.18
HQ_GEN_CEDARS 23644	3.63 -0.22 0.50	2.92 -0.18 0.45	2.50 -0.16 0.44	2.54 -0.16 0.40	2.52 -0.17 0.42	2.29 -0.15 0.47	6.21 -0.34 -0.59	7.17 -0.27 -2.42	10.14 -0.41 -2.61	7.21 -0.16 -4.27	7.31 -0.16 -4.40	7.68 -0.15 -4.92	5.31 -0.06 -4.27	4.85 -0.06 -3.83	3.66 -0.10 -1.89	3.56 -0.11 -1.72	3.45 -0.12 -1.44	17.05 -1.48 0.00	16.07 -1.40 0.00	15.93 -1.75 0.00	17.38 -1.87 0.00	16.92 -1.86 0.00	12.14 -1.07 0.00	9.96 -0.70 0.00
HQ_GEN_CEDARS_PROXY 323590	3.63 -0.22 0.50	2.92 -0.18 0.45	2.50 -0.16 0.44	2.54 -0.16 0.40	2.52 -0.17 0.42	3.58 -0.15 -0.82	5.89 -0.34 -0.27	6.20 -0.27 -1.46	10.14 -0.41 -2.61	7.21 -0.16 -4.27	7.31 -0.16 -4.40	7.68 -0.15 -4.92	5.31 -0.06 -4.27	4.85 -0.06 -3.83	3.66 -0.10 -1.89	3.56 -0.11 -1.72	3.45 -0.12 -1.44	17.05 -1.48 0.00	16.07 -1.40 0.00	15.93 -1.75 0.00	17.38 -1.87 0.00	16.92 -1.86 0.00	12.14 -1.07 0.00	9.96 -0.70 0.00
HQ_GEN_IMPORT 323601	4.24 -0.11 0.00	3.46 -0.09 0.00	3.02 -0.08 0.00	3.02 -0.08 0.00	3.02 -0.08 0.00	4.12 -0.08 -1.29	5.96 -0.17 -0.18	5.30 -0.15 -0.43	9.17 -0.22 -1.45	5.30 -0.09 -2.28	5.30 -0.09 -2.32	5.30 -0.08 -2.47	3.25 -0.03 -2.19	3.02 -0.03 -1.98	3.02 -0.05 -1.20	3.02 -0.06 -1.13	3.02 -0.06 -0.95	17.81 -0.72 0.00	16.78 -0.68 0.00	16.94 -0.74 0.00	18.44 -0.81 0.00	17.97 -0.81 0.00	12.71 -0.50 0.00	10.29 -0.37 0.00
HQ_GEN_WHEEL 23651	4.24 -0.11 0.00	3.46 -0.09 0.00	3.02 -0.08 0.00	3.02 -0.08 0.00	3.02 -0.08 0.00	4.12 -0.08 -1.29	5.96 -0.17 -0.18	5.30 -0.15 -0.43	9.17 -0.22 -1.45	5.30 -0.09 -2.28	5.30 -0.09 -2.32	5.30 -0.08 -2.47	3.25 -0.03 -2.19	3.02 -0.03 -1.98	3.02 -0.05 -1.20	3.02 -0.06 -1.13	3.02 -0.06 -0.95	17.81 -0.72 0.00	16.78 -0.68 0.00	16.94 -0.74 0.00	18.44 -0.81 0.00	17.97 -0.81 0.00	12.71 -0.50 0.00	10.29 -0.37 0.00
HUDSON_AVE_GT_3 23810	23.79 0.57 -18.87	21.24 0.45 -17.23	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.88 0.80 -21.12	35.18 0.71 -29.46	36.89 1.12 -27.83	39.58 0.44 -36.04	41.30 0.44 -37.80	42.19 0.42 -38.87	41.50 0.16 -40.24	41.04 0.15 -39.82	40.25 0.27 -38.10	39.58 0.28 -37.34	39.57 0.31 -37.14	42.71 2.47 -21.71	38.66 2.32 -18.87	33.70 2.33 -13.69	36.51 2.54 -14.71	30.88 2.44 -9.67	30.07 1.69 -15.17	26.92 1.31 -14.95



HUDSON AVE_GT_4 23540	23.79 0.57 -18.87	21.24 0.45 -17.23	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.88 0.80 -21.12	35.18 0.71 -29.46	36.89 1.12 -27.83	39.58 0.44 -36.04	41.30 0.44 -37.80	42.19 0.42 -38.87	41.50 0.16 -40.24	41.04 0.15 -39.82	40.25 0.27 -38.10	39.58 0.28 -37.34	39.57 0.31 -37.14	42.71 2.47 -21.71	38.66 2.32 -18.87	33.70 2.33 -13.69	36.51 2.54 -14.71	30.88 2.44 -9.67	30.07 1.69 -15.17	26.92 1.31 -14.95
HUDSON AVE_GT_5 23657	23.79 0.57 -18.87	21.24 0.45 -17.23	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.88 0.80 -21.12	35.18 0.71 -29.46	36.89 1.12 -27.83	39.58 0.44 -36.04	41.30 0.44 -37.80	42.19 0.42 -38.87	41.50 0.16 -40.24	41.04 0.15 -39.82	40.25 0.27 -38.10	39.58 0.28 -37.34	39.57 0.31 -37.14	42.71 2.47 -21.71	38.66 2.32 -18.87	33.70 2.33 -13.69	36.51 2.54 -14.71	30.88 2.44 -9.67	30.07 1.69 -15.17	26.92 1.31 -14.95
HUDSON_AVE_10 24168	23.77 0.55 -18.87	21.22 0.44 -17.23	20.11 0.38 -16.63	18.49 0.37 -15.02	19.28 0.38 -15.80	21.01 0.35 -17.75	27.85 0.77 -21.12	35.15 0.68 -29.46	36.85 1.08 -27.83	39.57 0.42 -36.04	41.29 0.42 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.26 -38.10	39.56 0.27 -37.34	39.56 0.30 -37.13	42.61 2.37 -21.71	38.56 2.22 -18.87	33.61 2.25 -13.68	36.39 2.43 -14.71	30.77 2.33 -9.66	29.99 1.61 -15.17	26.87 1.26 -14.95
HUNTER MOUNT___DRP 323613	25.59 0.38 -20.86	22.91 0.31 -19.05	21.76 0.27 -18.38	19.98 0.27 -16.61	20.85 0.28 -17.47	22.78 0.25 -19.62	29.45 0.57 -22.93	36.85 0.49 -31.34	37.40 0.75 -28.71	40.62 0.29 -37.22	39.73 0.29 -36.37	35.96 0.27 -32.78	34.59 0.10 -33.40	34.22 0.10 -33.05	39.42 0.17 -37.37	37.59 0.18 -35.46	32.85 0.19 -30.53	30.15 1.48 -10.13	28.62 1.41 -9.74	28.72 1.52 -9.52	34.15 1.64 -13.26	25.54 1.56 -5.20	22.43 1.08 -8.13	23.99 0.82 -12.51
HUNTINGTON_RES_REC 323705	27.49 0.66 -22.48	21.41 0.53 -17.33	20.26 0.47 -16.70	18.60 0.45 -15.05	19.52 0.47 -15.95	22.06 0.43 -18.72	30.96 0.92 -24.09	41.86 0.81 -36.03	44.30 1.28 -35.08	40.66 0.50 -37.05	58.65 0.51 -55.08	42.52 0.48 -39.13	41.54 0.18 -40.26	41.08 0.18 -39.83	40.30 0.31 -38.11	40.56 0.33 -38.28	43.26 0.35 -40.78	45.71 2.85 -24.32	42.65 2.69 -22.50	41.78 2.72 -21.37	50.28 2.92 -28.10	40.04 2.85 -18.41	36.44 1.97 -21.27	27.93 1.51 -15.76
HUNTLEY___63 23557	7.18 0.15 -2.68	6.16 0.16 -2.45	5.62 0.15 -2.36	5.38 0.15 -2.14	5.53 0.18 -2.25	5.58 0.15 -2.52	12.27 0.27 -6.04	17.86 0.21 -12.64	20.77 0.17 -12.65	26.90 0.07 -23.73	27.85 0.08 -24.71	27.49 0.08 -24.50	18.93 0.03 -17.81	17.38 0.03 -16.27	13.92 0.07 -11.98	13.53 0.07 -11.51	12.01 0.08 -9.80	19.18 0.28 -0.37	18.31 0.33 -0.52	19.23 0.32 -1.23	21.13 0.17 -1.71	19.77 0.32 -0.67	14.40 0.15 -1.05	12.21 -0.06 -1.61
HUNTLEY___64 23558	7.18 0.15 -2.68	6.16 0.16 -2.45	5.62 0.15 -2.36	5.38 0.15 -2.14	5.53 0.18 -2.25	5.58 0.15 -2.52	12.27 0.27 -6.04	17.86 0.21 -12.64	20.77 0.17 -12.65	26.90 0.07 -23.73	27.85 0.08 -24.71	27.49 0.08 -24.50	18.93 0.03 -17.81	17.38 0.03 -16.27	13.92 0.07 -11.98	13.53 0.07 -11.51	12.01 0.08 -9.80	19.18 0.28 -0.37	18.31 0.33 -0.52	19.23 0.32 -1.23	21.13 0.17 -1.71	19.77 0.32 -0.67	14.40 0.15 -1.05	12.21 -0.06 -1.61
HUNTLEY___65 23559	7.18 0.15 -2.68	6.16 0.16 -2.45	5.62 0.15 -2.36	5.38 0.15 -2.14	5.53 0.18 -2.25	5.58 0.15 -2.52	12.27 0.27 -6.04	17.86 0.21 -12.64	20.77 0.17 -12.65	26.90 0.07 -23.73	27.85 0.08 -24.71	27.49 0.08 -24.50	18.93 0.03 -17.81	17.38 0.03 -16.27	13.92 0.07 -11.98	13.53 0.07 -11.51	12.01 0.08 -9.80	19.18 0.28 -0.37	18.31 0.33 -0.52	19.23 0.32 -1.23	21.13 0.17 -1.71	19.77 0.32 -0.67	14.40 0.15 -1.05	12.21 -0.06 -1.61
HUNTLEY___66 23560	7.18 0.15 -2.68	6.16 0.16 -2.45	5.62 0.15 -2.36	5.38 0.15 -2.14	5.53 0.18 -2.25	5.58 0.15 -2.52	12.27 0.27 -6.04	17.86 0.21 -12.64	20.77 0.17 -12.65	26.90 0.07 -23.73	27.85 0.08 -24.71	27.49 0.08 -24.50	18.93 0.03 -17.81	17.38 0.03 -16.27	13.92 0.07 -11.98	13.53 0.07 -11.51	12.01 0.08 -9.80	19.18 0.28 -0.37	18.31 0.33 -0.52	19.23 0.32 -1.23	21.13 0.17 -1.71	19.77 0.32 -0.67	14.40 0.15 -1.05	12.21 -0.06 -1.61
HUNTLEY___67 23561	7.18 0.10 -2.73	6.16 0.11 -2.50	5.62 0.11 -2.41	5.38 0.11 -2.18	5.53 0.14 -2.29	5.59 0.11 -2.57	12.23 0.18 -6.09	17.84 0.13 -12.70	20.71 0.06 -12.70	52.03 0.02 -48.90	58.11 0.03 -55.02	56.28 0.04 -53.34	21.43 0.01 -20.32	19.78 0.02 -18.69	13.96 0.04 -12.04	13.57 0.04 -11.58	12.04 0.05 -9.86	18.96 0.06 -0.37	18.10 0.11 -0.53	19.02 0.09 -1.25	20.91 -0.08 -1.74	19.52 0.06 -0.68	14.25 -0.03 -1.07	12.14 -0.16 -1.64
HUNTLEY___68 23562	7.18 0.10 -2.73	6.16 0.11 -2.50	5.62 0.11 -2.41	5.38 0.11 -2.18	5.53 0.14 -2.29	5.59 0.11 -2.57	12.23 0.18 -6.09	17.84 0.13 -12.70	20.71 0.06 -12.70	52.03 0.02 -48.90	58.11 0.03 -55.02	56.28 0.04 -53.34	21.43 0.01 -20.32	19.78 0.02 -18.69	13.96 0.04 -12.04	13.57 0.04 -11.58	12.04 0.05 -9.86	18.96 0.06 -0.37	18.10 0.11 -0.53	19.02 0.09 -1.25	20.91 -0.08 -1.74	19.52 0.06 -0.68	14.25 -0.03 -1.07	12.14 -0.16 -1.64
HYLAND___LFGE 323620	7.52 0.20 -2.97	6.43 0.17 -2.71	5.87 0.15 -2.62	5.61 0.15 -2.37	5.74 0.15 -2.49	5.87 0.17 -2.79	12.65 0.39 -6.31	18.26 0.29 -12.95	21.31 0.44 -12.92	25.54 0.15 -22.28	26.10 0.16 -22.88	25.73 0.15 -22.66	18.98 0.06 -17.83	17.45 0.06 -16.32	14.33 0.10 -12.36	13.95 0.10 -11.89	12.38 0.12 -10.13	19.72 0.78 -0.40	18.75 0.72 -0.57	19.85 0.81 -1.35	22.04 0.90 -1.89	20.46 0.94 -0.74	14.84 0.47 -1.16	12.71 0.27 -1.78
INDECK___CORINTH 23802	31.82 0.12 -27.35	28.62 0.10 -24.98	27.28 0.09 -24.10	24.96 0.09 -21.77	26.09 0.09 -22.91	28.72 0.09 -25.72	34.94 0.21 -28.78	42.70 0.16 -37.52	42.14 0.28 -33.92	45.69 0.11 -42.48	43.40 0.09 -40.26	34.47 0.08 -31.48	33.44 0.03 -32.31	33.55 0.03 -32.45	45.36 0.04 -43.45	45.27 0.05 -43.27	39.47 0.05 -37.29	24.44 0.46 -5.44	24.44 0.44 -6.54	30.20 0.44 -12.07	36.55 0.48 -16.82	26.33 0.96 -6.60	24.12 0.59 -10.32	26.99 0.46 -15.86
INDECK___ILION 23567	3.30 0.10 1.14	2.58 0.07 1.04	2.16 0.07 1.01	2.25 0.06 0.91	2.20 0.06 0.96	1.89 0.06 1.07	9.13 0.12 -3.06	15.41 0.10 -10.29	19.02 0.16 -10.92	20.22 0.07 -17.05	20.64 0.06 -17.51	22.26 0.06 -19.29	17.94 0.02 -16.82	16.59 0.02 -15.50	10.32 0.03 -8.41	9.75 0.04 -7.77	8.71 0.04 -6.54	18.76 0.31 0.09	17.64 0.30 0.12	17.71 0.32 0.29	19.19 0.35 0.41	18.97 0.36 0.16	13.18 0.22 0.25	10.46 0.18 0.39
INDECK___OLEAN 23982	7.80 0.25 -3.20	6.70 0.23 -2.92	6.13 0.21 -2.82	5.85 0.21 -2.54	6.02 0.24 -2.68	6.12 0.20 -3.01	12.90 0.42 -6.53	18.59 0.38 -13.20	21.58 0.50 -13.14	34.09 0.18 -30.81	36.34 0.20 -33.08	35.40 0.19 -32.30	19.98 0.07 -18.82	18.43 0.08 -17.28	14.68 0.14 -12.67	14.30 0.14 -12.21	12.69 0.16 -10.40	19.93 0.96 -0.43	19.05 0.98 -0.61	20.12 0.99 -1.45	22.19 0.92 -2.02	20.45 0.88 -0.79	15.00 0.55 -1.24	12.84 0.27 -1.91



INDECK___OSWEGO 23783	5.43 -0.04 -1.13	4.54 -0.04 -1.03	4.06 -0.03 -0.99	3.96 -0.03 -0.90	4.01 -0.03 -0.94	3.95 -0.02 -1.06	10.29 -0.03 -4.36	15.37 -0.03 -10.39	18.48 -0.06 -10.60	19.46 -0.02 -16.38	19.58 -0.02 -16.54	20.01 -0.02 -17.12	16.41 -0.01 -15.32	14.92 -0.01 -13.85	11.27 -0.01 -9.41	10.88 -0.01 -8.94	9.70 -0.01 -7.59	18.48 -0.22 -0.17	17.49 -0.21 -0.24	18.08 -0.18 -0.57	19.85 -0.19 -0.79	18.90 -0.19 -0.31	13.52 -0.17 -0.49	11.26 -0.15 -0.75
INDECK___YERKES 23781	7.19 0.16 -2.68	6.16 0.16 -2.45	5.62 0.16 -2.36	5.39 0.15 -2.14	5.53 0.19 -2.25	5.59 0.16 -2.52	12.28 0.28 -6.04	17.87 0.22 -12.64	20.79 0.19 -12.65	26.90 0.07 -23.73	27.86 0.09 -24.71	27.49 0.08 -24.50	18.94 0.03 -17.81	17.38 0.04 -16.27	13.92 0.07 -11.98	13.53 0.07 -11.51	12.01 0.09 -9.80	19.21 0.31 -0.37	18.35 0.37 -0.52	19.26 0.35 -1.23	21.15 0.19 -1.71	19.79 0.34 -0.67	14.42 0.16 -1.05	12.22 -0.05 -1.61
INDIAN POINT_GT_1 24139	23.43 0.50 -18.58	20.92 0.40 -16.97	19.82 0.35 -16.37	18.23 0.34 -14.79	19.01 0.35 -15.56	20.70 0.32 -17.47	27.51 0.70 -20.86	34.76 0.61 -29.13	35.76 0.98 -26.84	39.11 0.38 -35.62	39.67 0.38 -36.22	41.24 0.36 -37.97	40.44 0.14 -39.20	39.96 0.14 -38.75	39.48 0.24 -37.37	34.72 0.25 -32.52	30.38 0.27 -27.98	40.78 2.11 -20.13	36.83 1.99 -17.38	28.09 2.03 -8.37	33.03 2.21 -11.57	25.50 2.10 -4.63	21.91 1.47 -7.23	22.72 1.12 -10.94
INDIAN POINT_GT_2 23659	23.43 0.50 -18.58	20.92 0.40 -16.97	19.82 0.35 -16.37	18.23 0.34 -14.79	19.01 0.35 -15.56	20.70 0.32 -17.47	27.51 0.70 -20.86	34.76 0.61 -29.13	35.76 0.98 -26.84	39.11 0.38 -35.62	39.67 0.38 -36.22	41.24 0.36 -37.97	40.44 0.14 -39.20	39.96 0.14 -38.75	39.48 0.24 -37.37	34.72 0.25 -32.52	30.38 0.27 -27.98	40.78 2.11 -20.13	36.83 1.99 -17.38	28.09 2.03 -8.37	33.03 2.21 -11.57	25.50 2.10 -4.63	21.91 1.47 -7.23	22.72 1.12 -10.94
INDIAN POINT_GT_3 24019	23.43 0.50 -18.58	20.92 0.40 -16.97	19.82 0.35 -16.37	18.23 0.34 -14.79	19.01 0.35 -15.56	20.70 0.32 -17.47	27.51 0.70 -20.86	34.76 0.61 -29.13	35.76 0.98 -26.84	39.11 0.38 -35.62	39.67 0.38 -36.22	41.24 0.36 -37.97	40.44 0.14 -39.20	39.96 0.14 -38.75	39.48 0.24 -37.37	34.72 0.25 -32.52	30.38 0.27 -27.98	40.78 2.11 -20.13	36.83 1.99 -17.38	28.09 2.03 -8.37	33.03 2.21 -11.57	25.50 2.10 -4.63	21.91 1.47 -7.23	22.72 1.12 -10.94
INDIAN POINT___2 23530	23.08 0.48 -18.26	20.61 0.39 -16.67	19.52 0.34 -16.08	17.96 0.33 -14.53	18.73 0.34 -15.29	20.38 0.31 -17.17	27.19 0.67 -20.56	34.42 0.60 -28.81	35.46 0.94 -26.57	38.74 0.37 -35.27	39.16 0.37 -35.73	40.22 0.35 -36.96	39.27 0.13 -38.04	38.76 0.13 -37.55	38.67 0.23 -36.56	34.29 0.24 -32.10	30.01 0.26 -27.62	39.10 2.04 -18.53	35.47 1.92 -16.08	27.89 1.98 -8.23	32.78 2.16 -11.37	25.37 2.05 -4.55	21.74 1.43 -7.11	22.51 1.10 -10.75
INDIAN POINT___3 23531	23.43 0.50 -18.59	20.93 0.40 -16.97	19.83 0.35 -16.38	18.24 0.35 -14.80	19.02 0.35 -15.57	20.71 0.32 -17.48	27.52 0.70 -20.86	34.77 0.62 -29.13	35.77 0.98 -26.85	39.12 0.38 -35.63	39.68 0.38 -36.23	41.27 0.36 -37.99	40.46 0.14 -39.23	39.98 0.14 -38.78	39.50 0.24 -37.39	34.73 0.25 -32.53	30.38 0.27 -27.98	40.82 2.11 -20.17	36.86 1.99 -17.41	27.98 2.03 -8.26	32.97 2.21 -11.51	25.41 2.12 -4.52	21.73 1.47 -7.06	22.65 1.13 -10.85
IP CORINTH___1 23988	31.84 0.14 -27.35	28.65 0.12 -24.98	27.30 0.11 -24.10	24.97 0.11 -21.77	26.11 0.11 -22.91	28.74 0.11 -25.72	34.98 0.24 -28.78	42.73 0.19 -37.52	42.18 0.33 -33.92	45.71 0.12 -42.48	43.42 0.10 -40.26	34.48 0.09 -31.48	33.44 0.04 -32.31	33.55 0.03 -32.45	45.37 0.05 -43.45	45.28 0.06 -43.27	39.48 0.06 -37.29	24.55 0.58 -5.44	24.54 0.54 -6.54	30.28 0.53 -12.07	36.64 0.58 -16.82	26.33 0.96 -6.60	24.12 0.59 -10.32	26.99 0.46 -15.86
IP___TICONDEROGA 23804	30.34 0.41 -25.58	27.25 0.34 -23.36	25.94 0.30 -22.54	23.77 0.31 -20.36	24.84 0.31 -21.42	27.27 0.31 -24.05	33.75 0.61 -27.19	41.30 0.44 -35.84	41.15 0.69 -32.51	44.47 0.27 -41.11	42.65 0.25 -39.34	35.43 0.24 -32.28	34.29 0.09 -33.11	34.27 0.09 -33.11	44.00 0.15 -41.98	43.22 0.16 -41.12	37.73 0.17 -35.42	27.78 1.65 -7.60	27.17 1.59 -8.11	30.83 1.73 -11.41	37.02 1.87 -15.90	26.84 1.82 -6.24	24.14 1.18 -9.76	26.69 1.02 -15.00
ISLIP_RES_REC 323679	27.51 0.68 -22.47	21.43 0.55 -17.33	20.29 0.49 -16.70	18.61 0.46 -15.05	19.54 0.49 -15.95	22.08 0.45 -18.72	30.99 0.95 -24.08	41.89 0.84 -36.03	44.35 1.33 -35.08	40.68 0.52 -37.06	58.66 0.54 -55.06	42.54 0.50 -39.13	41.54 0.19 -40.26	41.09 0.19 -39.83	40.31 0.33 -38.11	40.57 0.34 -38.28	43.27 0.37 -40.77	45.86 3.00 -24.32	42.79 2.83 -22.49	41.93 2.88 -21.36	50.44 3.10 -28.09	40.20 3.02 -18.40	36.53 2.06 -21.26	28.00 1.58 -15.76
JARVIS____ 23743	3.25 0.04 1.14	2.54 0.03 1.04	2.12 0.03 1.01	2.22 0.03 0.91	2.17 0.03 0.96	1.86 0.03 1.07	9.07 0.05 -3.06	15.36 0.05 -10.29	18.93 0.07 -10.92	20.19 0.04 -17.05	20.61 0.03 -17.51	22.23 0.03 -19.29	17.93 0.01 -16.82	16.58 0.01 -15.50	10.30 0.02 -8.41	9.74 0.02 -7.77	8.69 0.02 -6.54	18.60 0.15 0.09	17.48 0.14 0.12	17.55 0.16 0.29	19.02 0.17 0.41	18.78 0.17 0.16	13.06 0.11 0.25	10.35 0.08 0.39
JENNISON___1 23625	10.61 0.27 -5.99	9.24 0.22 -5.47	8.57 0.19 -5.28	8.05 0.19 -4.77	8.30 0.19 -5.02	8.72 0.18 -5.63	15.61 0.42 -9.24	21.78 0.37 -16.39	24.48 0.56 -15.97	27.19 0.23 -23.86	27.05 0.21 -23.77	25.68 0.20 -22.56	21.21 0.08 -20.04	19.82 0.07 -18.67	18.57 0.13 -16.57	18.21 0.13 -16.13	16.06 0.14 -13.79	21.69 1.11 -2.04	20.71 1.07 -2.18	21.90 1.11 -3.10	24.76 1.19 -4.32	21.67 1.20 -1.70	16.57 0.71 -2.65	15.30 0.56 -4.08
JENNISON___2 23626	10.61 0.27 -5.99	9.24 0.22 -5.47	8.57 0.19 -5.28	8.05 0.19 -4.77	8.30 0.19 -5.02	8.72 0.18 -5.63	15.61 0.42 -9.24	21.78 0.37 -16.39	24.48 0.56 -15.97	27.19 0.23 -23.86	27.05 0.21 -23.77	25.68 0.20 -22.56	21.21 0.08 -20.04	19.82 0.07 -18.67	18.57 0.13 -16.57	18.21 0.13 -16.13	16.06 0.14 -13.79	21.69 1.11 -2.04	20.71 1.07 -2.18	21.90 1.11 -3.10	24.76 1.19 -4.32	21.67 1.20 -1.70	16.57 0.71 -2.65	15.30 0.56 -4.08
JERICHO_RISE_WT_PWR 323719	3.68 -0.16 0.52	2.94 -0.13 0.47	2.52 -0.12 0.46	2.56 -0.12 0.41	2.54 -0.13 0.43	2.31 -0.12 0.49	6.15 -0.28 -0.48	6.94 -0.22 -2.14	9.94 -0.33 -2.32	6.79 -0.14 -3.82	6.88 -0.13 -3.95	7.23 -0.13 -4.45	4.89 -0.05 -3.85	4.46 -0.05 -3.44	3.41 -0.09 -1.63	3.32 -0.10 -1.48	3.25 -0.11 -1.24	17.20 -1.33 0.00	16.19 -1.27 0.00	16.23 -1.45 0.00	17.71 -1.54 0.00	17.24 -1.54 0.00	12.23 -0.98 0.00	9.98 -0.68 0.00
KEDC PORT_JEFF_GT2 24210	27.47 0.64 -22.48	21.40 0.52 -17.33	20.26 0.46 -16.70	18.58 0.43 -15.05	19.51 0.46 -15.95	22.05 0.42 -18.72	30.93 0.89 -24.09	41.84 0.78 -36.04	44.26 1.23 -35.09	40.63 0.48 -37.05	58.66 0.50 -55.09	42.51 0.47 -39.13	41.53 0.18 -40.26	41.08 0.18 -39.83	40.29 0.31 -38.11	40.56 0.32 -38.29	43.26 0.34 -40.79	45.60 2.74 -24.32	42.55 2.58 -22.50	41.69 2.62 -21.39	50.14 2.77 -28.12	40.03 2.84 -18.42	36.42 1.93 -21.28	27.90 1.48 -15.76



KEDC PORT_JEFF_GT3 24211	27.47 0.64 -22.48	21.40 0.52 -17.33	20.26 0.46 -16.70	18.58 0.43 -15.05	19.51 0.46 -15.95	22.05 0.42 -18.72	30.93 0.89 -24.09	41.84 0.78 -36.04	44.26 1.23 -35.09	40.63 0.48 -37.05	58.66 0.50 -55.09	42.51 0.47 -39.13	41.53 0.18 -40.26	41.08 0.18 -39.83	40.29 0.31 -38.11	40.56 0.32 -38.29	43.26 0.34 -40.79	45.60 2.74 -24.32	42.55 2.58 -22.50	41.69 2.62 -21.39	50.14 2.77 -28.12	40.03 2.84 -18.42	36.42 1.93 -21.28	27.90 1.48 -15.76
KEDC_GLWD_GT4 24219	27.01 0.59 -22.07	21.35 0.48 -17.32	20.20 0.42 -16.69	18.55 0.41 -15.05	19.45 0.42 -15.93	21.90 0.38 -18.61	30.54 0.83 -23.75	41.16 0.73 -35.41	43.30 1.16 -34.19	40.79 0.46 -37.23	56.51 0.46 -52.99	42.45 0.43 -39.10	41.52 0.16 -40.26	41.07 0.16 -39.83	40.26 0.28 -38.11	39.88 0.29 -37.64	41.75 0.32 -39.30	45.10 2.56 -24.01	41.92 2.41 -22.05	39.97 2.42 -19.87	48.11 2.64 -26.22	38.10 2.52 -16.81	34.57 1.74 -19.62	27.44 1.34 -15.43
KEDC_GLWD_GT5 24220	27.01 0.59 -22.07	21.35 0.48 -17.32	20.20 0.42 -16.69	18.55 0.41 -15.05	19.45 0.42 -15.93	21.90 0.38 -18.61	30.54 0.83 -23.75	41.16 0.73 -35.41	43.30 1.16 -34.19	40.79 0.46 -37.23	56.51 0.46 -52.99	42.45 0.43 -39.10	41.52 0.16 -40.26	41.07 0.16 -39.83	40.26 0.28 -38.11	39.88 0.29 -37.64	41.75 0.32 -39.30	45.10 2.56 -24.01	41.92 2.41 -22.05	39.97 2.42 -19.87	48.11 2.64 -26.22	38.10 2.52 -16.81	34.57 1.74 -19.62	27.44 1.34 -15.43
KENSICO____ 23655	23.67 0.52 -18.80	21.14 0.42 -17.17	20.03 0.37 -16.56	18.42 0.36 -14.97	19.21 0.37 -15.75	20.92 0.33 -17.68	27.74 0.73 -21.06	35.01 0.64 -29.34	36.01 1.02 -27.04	39.37 0.40 -35.86	40.04 0.40 -36.58	41.93 0.38 -38.64	41.22 0.14 -39.98	40.76 0.14 -39.55	40.03 0.25 -37.91	35.11 0.26 -32.91	30.84 0.28 -28.43	41.96 2.22 -21.20	37.81 2.09 -18.25	28.29 2.12 -8.49	33.27 2.31 -11.71	25.68 2.20 -4.70	22.09 1.53 -7.35	22.91 1.17 -11.07
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.18 0.55 -19.28	21.60 0.45 -17.60	20.48 0.39 -16.98	18.83 0.39 -15.35	19.64 0.39 -16.15	21.39 0.36 -18.13	28.25 0.81 -21.49	35.54 0.72 -29.80	36.46 1.11 -27.41	39.47 0.44 -35.93	39.02 0.43 -35.52	36.91 0.41 -33.59	35.49 0.15 -34.24	35.01 0.15 -33.79	38.24 0.26 -36.11	35.72 0.27 -33.50	31.25 0.30 -28.83	32.96 2.30 -12.13	30.79 2.17 -11.16	28.80 2.35 -8.77	34.01 2.54 -12.22	25.98 2.40 -4.80	22.38 1.68 -7.49	23.47 1.28 -11.52
KIAC_JFK_GT1 23816	23.73 0.51 -18.87	21.18 0.39 -17.23	20.07 0.34 -16.63	18.46 0.33 -15.02	19.24 0.34 -15.80	20.98 0.32 -17.75	27.82 0.74 -21.12	35.10 0.62 -29.46	36.74 0.97 -27.83	39.53 0.38 -36.04	41.25 0.39 -37.80	42.14 0.37 -38.87	41.48 0.14 -40.24	41.03 0.14 -39.82	40.21 0.24 -38.10	39.54 0.25 -37.34	39.53 0.27 -37.13	42.43 2.19 -21.71	38.33 1.99 -18.87	33.36 2.00 -13.68	36.12 2.16 -14.71	30.52 2.08 -9.66	29.84 1.47 -15.17	26.77 1.16 -14.95
KIAC_JFK_GT2 23817	23.73 0.51 -18.87	21.18 0.39 -17.23	20.07 0.34 -16.63	18.46 0.33 -15.02	19.24 0.34 -15.80	20.98 0.32 -17.75	27.82 0.74 -21.12	35.10 0.62 -29.46	36.74 0.97 -27.83	39.53 0.38 -36.04	41.25 0.39 -37.80	42.14 0.37 -38.87	41.48 0.14 -40.24	41.03 0.14 -39.82	40.21 0.24 -38.10	39.54 0.25 -37.34	39.53 0.27 -37.13	42.43 2.19 -21.71	38.33 1.99 -18.87	33.36 2.00 -13.68	36.12 2.16 -14.71	30.52 2.08 -9.66	29.84 1.47 -15.17	26.77 1.16 -14.95
KINTIGH____ 23543	6.69 0.05 -2.30	5.71 0.06 -2.10	5.19 0.07 -2.02	4.99 0.06 -1.83	5.10 0.08 -1.92	5.14 0.07 -2.16	11.72 0.09 -5.67	17.27 0.04 -12.22	20.20 -0.03 -12.29	18.37 -0.02 -15.29	17.72 -0.01 -14.67	17.96 -0.01 -15.06	17.84 0.00 -16.75	16.30 0.00 -15.22	13.34 0.01 -11.46	12.94 0.01 -10.98	11.49 0.01 -9.35	18.68 -0.17 -0.32	17.77 -0.14 -0.45	18.60 -0.14 -1.06	20.45 -0.27 -1.47	19.20 -0.15 -0.58	13.94 -0.17 -0.90	11.83 -0.22 -1.39
LEDERLE____ 23769	22.76 0.52 -17.89	20.30 0.42 -16.34	19.23 0.37 -15.76	17.70 0.36 -14.24	18.45 0.37 -14.98	20.07 0.33 -16.82	26.91 0.73 -20.23	34.12 0.65 -28.45	35.23 1.02 -26.26	38.38 0.40 -34.88	38.65 0.40 -35.19	39.19 0.38 -35.90	38.04 0.14 -36.81	37.50 0.14 -36.28	37.81 0.25 -35.69	33.84 0.26 -31.64	29.62 0.28 -27.21	37.60 2.22 -16.85	34.28 2.09 -14.72	27.82 2.17 -7.96	32.69 2.35 -11.09	25.38 2.25 -4.35	21.57 1.56 -6.80	22.32 1.19 -10.46
LINDEN COGEN____ 23786	23.77 0.55 -18.87	21.23 0.44 -17.23	20.11 0.38 -16.63	18.50 0.38 -15.02	19.29 0.38 -15.81	21.01 0.35 -17.75	27.86 0.78 -21.12	35.15 0.68 -29.46	36.83 1.06 -27.83	39.56 0.42 -36.04	41.28 0.41 -37.80	42.17 0.39 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.23 0.26 -38.10	39.56 0.27 -37.34	39.56 0.29 -37.14	42.54 2.30 -21.71	38.52 2.18 -18.87	33.58 2.21 -13.69	36.37 2.41 -14.71	30.79 2.35 -9.67	30.00 1.62 -15.17	26.89 1.28 -14.95
LIPA_MISC_IPP 23656	27.43 0.60 -22.48	21.37 0.49 -17.33	20.24 0.45 -16.70	18.55 0.41 -15.05	19.49 0.44 -15.95	22.03 0.40 -18.72	30.88 0.83 -24.09	41.80 0.74 -36.04	44.19 1.15 -35.10	40.60 0.45 -37.05	58.64 0.47 -55.11	42.48 0.44 -39.13	41.52 0.17 -40.26	41.07 0.16 -39.83	40.27 0.29 -38.11	40.54 0.30 -38.29	43.25 0.32 -40.80	45.47 2.61 -24.33	42.43 2.46 -22.50	41.59 2.51 -21.40	50.10 2.71 -28.13	39.86 2.65 -18.43	36.31 1.81 -21.29	27.81 1.39 -15.76
LISF__SOLAR 323691	27.44 0.60 -22.48	21.38 0.50 -17.33	20.25 0.45 -16.70	18.56 0.41 -15.05	19.50 0.45 -15.95	22.04 0.40 -18.72	30.89 0.84 -24.09	41.80 0.74 -36.04	44.20 1.16 -35.09	40.61 0.46 -37.05	58.64 0.47 -55.10	42.48 0.44 -39.13	41.52 0.17 -40.26	41.07 0.17 -39.83	40.27 0.29 -38.11	40.54 0.30 -38.29	43.25 0.33 -40.80	45.51 2.65 -24.33	42.47 2.50 -22.50	41.62 2.55 -21.39	50.13 2.75 -28.13	39.89 2.68 -18.43	36.32 1.82 -21.29	27.82 1.40 -15.76
LITTLE FALLS__HYD 24013	3.36 0.15 1.14	2.63 0.12 1.04	2.20 0.10 1.01	2.29 0.10 0.91	2.24 0.09 0.96	1.92 0.09 1.07	9.19 0.18 -3.06	15.46 0.15 -10.29	19.10 0.24 -10.92	20.25 0.10 -17.05	20.67 0.09 -17.51	22.28 0.08 -19.29	17.95 0.03 -16.82	16.60 0.03 -15.50	10.33 0.05 -8.41	9.77 0.05 -7.77	8.73 0.06 -6.54	18.91 0.46 0.09	17.78 0.44 0.12	17.85 0.46 0.29	19.36 0.52 0.41	19.14 0.53 0.16	13.30 0.34 0.25	10.57 0.29 0.39
LI_NEWBRDGE__DRP 323616	27.49 0.62 -22.52	21.38 0.50 -17.33	20.23 0.44 -16.70	18.57 0.42 -15.05	19.49 0.44 -15.95	22.04 0.40 -18.73	30.94 0.86 -24.12	41.86 0.75 -36.09	44.31 1.19 -35.18	40.56 0.47 -36.99	58.83 0.47 -55.31	42.49 0.44 -39.13	41.52 0.17 -40.26	41.07 0.16 -39.83	40.27 0.29 -38.11	40.60 0.30 -38.35	43.39 0.33 -40.94	45.50 2.61 -24.36	42.48 2.46 -22.55	41.72 2.49 -21.54	50.26 2.69 -28.31	39.95 2.59 -18.58	36.47 1.81 -21.45	27.83 1.41 -15.76
LONG_LAKE_PHOENIX 24014	5.52 -0.01 -1.18	4.62 -0.01 -1.08	4.13 -0.01 -1.04	4.02 -0.01 -0.94	4.08 -0.01 -0.99	4.02 0.00 -1.11	10.44 0.02 -4.46	15.61 0.00 -10.59	18.74 0.00 -10.80	19.79 0.00 -16.69	19.91 0.00 -16.85	20.33 0.00 -17.42	16.69 0.00 -15.60	15.18 0.00 -14.10	11.48 0.00 -9.61	11.08 0.00 -9.13	9.88 0.00 -7.75	18.61 -0.09 -0.17	17.62 -0.09 -0.24	18.22 -0.05 -0.59	20.02 -0.06 -0.82	19.06 -0.04 -0.32	13.62 -0.09 -0.51	11.37 -0.07 -0.78



LOVETT___3 23632	22.81 0.48 -17.98	20.35 0.39 -16.42	19.28 0.34 -15.84	17.74 0.33 -14.31	18.50 0.34 -15.06	20.12 0.31 -16.91	26.94 0.67 -20.31	34.15 0.59 -28.54	35.23 0.94 -26.34	38.44 0.37 -34.97	38.75 0.37 -35.32	39.41 0.35 -36.15	38.32 0.13 -37.10	37.78 0.13 -36.58	38.00 0.23 -35.90	33.94 0.24 -31.75	29.70 0.26 -27.31	37.81 2.04 -17.24	34.43 1.92 -15.04	27.66 1.98 -8.00	32.55 2.16 -11.14	25.22 2.07 -4.37	21.47 1.43 -6.84	22.27 1.10 -10.51
LOVETT___4 23642	22.83 0.49 -17.99	20.38 0.40 -16.43	19.30 0.35 -15.85	17.76 0.34 -14.32	18.52 0.35 -15.07	20.15 0.32 -16.92	26.97 0.69 -20.32	34.17 0.61 -28.55	35.26 0.97 -26.35	38.47 0.38 -34.99	38.77 0.38 -35.34	39.45 0.36 -36.18	38.37 0.14 -37.14	37.83 0.13 -36.62	38.04 0.24 -35.93	33.96 0.24 -31.77	29.72 0.27 -27.33	37.93 2.09 -17.30	34.53 1.97 -15.09	27.72 2.03 -8.00	32.61 2.21 -11.15	25.27 2.12 -4.38	21.52 1.47 -6.84	22.31 1.13 -10.52
LOVETT___5 23593	22.83 0.49 -17.99	20.38 0.40 -16.43	19.30 0.35 -15.85	17.76 0.34 -14.32	18.52 0.35 -15.07	20.15 0.32 -16.92	26.97 0.69 -20.32	34.17 0.61 -28.55	35.26 0.97 -26.35	38.47 0.38 -34.99	38.77 0.38 -35.34	39.45 0.36 -36.18	38.37 0.14 -37.14	37.83 0.13 -36.62	38.04 0.24 -35.93	33.96 0.24 -31.77	29.72 0.27 -27.33	37.93 2.09 -17.30	34.53 1.97 -15.09	27.72 2.03 -8.00	32.61 2.21 -11.15	25.27 2.12 -4.38	21.52 1.47 -6.84	22.31 1.13 -10.52
LOWER RAQUET___HYD 24057	3.99 -0.36 0.00	3.25 -0.30 0.00	2.83 -0.27 0.00	2.83 -0.26 0.00	2.82 -0.28 0.00	2.67 -0.24 0.00	6.80 -0.54 -1.38	8.43 -0.43 -3.84	11.29 -0.65 -4.00	8.70 -0.25 -5.85	8.82 -0.25 -6.01	9.28 -0.24 -6.61	6.77 -0.09 -5.77	6.43 -0.09 -5.45	5.02 -0.16 -3.31	4.88 -0.17 -3.11	4.57 -0.19 -2.63	16.44 -2.09 0.00	15.49 -1.97 0.00	15.42 -2.26 0.00	16.82 -2.43 0.00	16.37 -2.40 0.00	11.70 -1.51 0.00	9.61 -1.06 0.00
LOWER___HUDSON 24059	31.55 0.24 -26.95	28.36 0.20 -24.61	27.02 0.18 -23.75	24.73 0.18 -21.46	25.85 0.18 -22.57	28.42 0.17 -25.34	34.71 0.33 -28.42	42.44 0.27 -37.15	42.00 0.44 -33.61	45.40 0.17 -42.12	43.05 0.17 -39.82	33.82 0.16 -30.75	32.60 0.06 -31.45	32.67 0.06 -31.54	44.71 0.10 -42.74	44.79 0.11 -42.73	39.07 0.11 -36.82	24.23 0.91 -4.79	24.32 0.86 -6.00	30.48 0.85 -11.94	36.80 0.90 -16.64	26.25 0.94 -6.53	24.05 0.63 -10.21	26.85 0.49 -15.70
LWR___OSWEGATCHIE_HYD 23850	4.01 -0.33 0.00	3.27 -0.28 0.00	2.85 -0.25 0.00	2.85 -0.25 0.00	2.84 -0.26 0.00	2.68 -0.23 0.00	7.47 -0.47 -1.99	10.17 -0.38 -5.53	13.11 -0.58 -5.75	11.93 -0.22 -9.04	12.03 -0.23 -9.20	12.47 -0.22 -9.78	9.67 -0.08 -8.66	8.83 -0.08 -7.84	6.49 -0.15 -4.76	6.26 -0.16 -4.47	5.74 -0.17 -3.78	16.74 -1.80 0.00	15.77 -1.69 0.00	16.02 -1.66 0.00	17.48 -1.77 0.00	17.05 -1.73 0.00	12.05 -1.16 0.00	9.82 -0.84 0.00
LYONS_FALL_HYD 23570	4.34 -0.01 0.00	3.53 -0.02 0.00	3.08 -0.02 0.00	3.08 -0.02 0.00	3.07 -0.03 0.00	2.90 -0.01 0.00	9.53 0.00 -3.58	15.00 0.02 -9.96	18.34 0.03 -10.37	18.79 0.02 -15.66	19.07 0.00 -16.00	20.20 0.00 -17.29	16.30 0.00 -15.20	15.21 0.00 -14.14	10.46 0.00 -8.59	10.01 0.00 -8.06	8.94 -0.01 -6.82	18.38 -0.15 0.00	17.34 -0.12 0.00	17.47 -0.21 0.00	19.04 -0.21 0.00	18.61 -0.17 0.00	13.02 -0.18 0.00	10.54 -0.13 0.00
MADISON___COUNTY_LFGE 323628	4.46 0.11 0.00	3.63 0.09 0.00	3.17 0.07 0.00	3.17 0.07 0.00	3.17 0.07 0.00	2.98 0.07 0.00	9.92 0.18 -3.79	15.72 0.15 -10.55	19.17 0.25 -10.98	20.43 0.10 -17.23	20.68 0.10 -17.52	21.63 0.09 -18.63	17.61 0.03 -16.49	16.08 0.03 -14.97	11.02 0.05 -9.10	10.54 0.05 -8.53	9.41 0.06 -7.22	18.99 0.41 -0.05	17.94 0.40 -0.08	18.25 0.39 -0.18	19.94 0.44 -0.25	19.34 0.47 -0.10	13.60 0.24 -0.15	11.09 0.19 -0.24
MAPLE_RIDGE_WT_1 323574	2.23 -0.10 2.03	1.61 -0.09 1.85	1.24 -0.08 1.78	1.41 -0.08 1.61	1.33 -0.08 1.70	0.93 -0.08 1.90	6.35 -0.17 -0.57	9.60 -0.15 -4.73	13.02 -0.22 -5.30	12.09 -0.09 -9.07	12.45 -0.09 -9.47	13.83 -0.08 -11.01	10.46 -0.03 -9.40	9.34 -0.03 -8.30	5.07 -0.06 -3.25	4.74 -0.06 -2.84	4.42 -0.06 -2.35	17.74 -0.61 0.18	16.64 -0.58 0.25	16.48 -0.60 0.60	17.77 -0.63 0.84	17.84 -0.60 0.33	12.28 -0.41 0.52	9.56 -0.31 0.79
MAPLE_RIDGE_WT_2 323611	2.23 -0.10 2.03	1.61 -0.09 1.85	1.24 -0.08 1.78	1.41 -0.08 1.61	1.33 -0.08 1.70	0.93 -0.08 1.90	6.35 -0.17 -0.57	9.60 -0.15 -4.73	13.02 -0.22 -5.30	12.09 -0.09 -9.07	12.45 -0.09 -9.47	13.83 -0.08 -11.01	10.46 -0.03 -9.40	9.34 -0.03 -8.30	5.07 -0.06 -3.25	4.74 -0.06 -2.84	4.42 -0.06 -2.35	17.74 -0.61 0.18	16.64 -0.58 0.25	16.48 -0.60 0.60	17.77 -0.63 0.84	17.84 -0.60 0.33	12.28 -0.41 0.52	9.56 -0.31 0.79
MARBLE_RIVER_WT_PWR 323696	3.68 -0.14 0.53	2.95 -0.12 0.48	2.52 -0.11 0.47	2.57 -0.11 0.42	2.54 -0.12 0.44	2.30 -0.11 0.50	6.11 -0.27 -0.42	6.80 -0.22 -1.99	9.79 -0.32 -2.17	6.57 -0.13 -3.59	6.65 -0.13 -3.72	6.99 -0.13 -4.21	4.68 -0.05 -3.63	4.26 -0.05 -3.24	3.28 -0.09 -1.50	3.20 -0.10 -1.35	3.15 -0.11 -1.13	17.22 -1.32 0.00	16.21 -1.26 0.00	16.27 -1.42 0.00	17.75 -1.50 0.00	17.26 -1.52 0.00	12.25 -0.96 0.00	10.00 -0.66 0.00
MARSH_HILL_WT_PWR 323713	8.14 0.17 -3.63	7.01 0.15 -3.31	6.44 0.14 -3.20	6.12 0.13 -2.89	6.29 0.15 -3.04	6.46 0.14 -3.41	13.20 0.31 -6.94	18.93 0.25 -13.66	21.80 0.31 -13.54	27.43 0.12 -24.21	28.19 0.13 -25.00	27.51 0.13 -24.47	19.56 0.05 -18.41	18.06 0.06 -16.93	15.22 0.10 -13.24	14.84 0.11 -12.79	13.16 0.12 -10.91	19.78 0.76 -0.49	18.93 0.77 -0.69	20.14 0.81 -1.64	22.32 0.79 -2.28	20.48 0.81 -0.90	15.06 0.45 -1.40	13.09 0.27 -2.16
MG INDUSTRY___DRP 24185	29.34 0.26 -24.73	26.35 0.21 -22.59	25.08 0.19 -21.79	22.97 0.19 -19.69	24.00 0.19 -20.71	26.34 0.17 -23.26	32.73 0.35 -26.43	40.37 0.29 -35.06	40.26 0.46 -31.86	43.58 0.18 -40.30	41.45 0.18 -38.21	33.07 0.17 -29.99	31.59 0.06 -30.43	31.46 0.06 -30.33	41.99 0.11 -40.00	42.17 0.12 -40.10	36.80 0.13 -34.54	23.72 0.87 -4.31	23.78 0.82 -5.49	29.74 0.81 -11.24	35.80 0.89 -15.66	25.79 0.86 -6.15	23.43 0.61 -9.61	25.91 0.47 -14.77
MID___OSWEGATCHIE_HYD 23849	4.01 -0.33 0.00	3.27 -0.28 0.00	2.85 -0.25 0.00	2.85 -0.25 0.00	2.84 -0.26 0.00	2.68 -0.23 0.00	7.47 -0.47 -1.99	10.17 -0.38 -5.53	13.11 -0.58 -5.75	11.93 -0.22 -9.04	12.03 -0.23 -9.20	12.47 -0.22 -9.78	9.67 -0.08 -8.66	8.83 -0.08 -7.84	6.49 -0.15 -4.76	6.26 -0.16 -4.47	5.74 -0.17 -3.78	16.74 -1.80 0.00	15.77 -1.69 0.00	16.02 -1.66 0.00	17.48 -1.77 0.00	17.05 -1.73 0.00	12.05 -1.16 0.00	9.82 -0.84 0.00
MID___RAQUETTE_HYD 23851	3.99 -0.36 0.00	3.25 -0.30 0.00	2.83 -0.27 0.00	2.83 -0.26 0.00	2.82 -0.28 0.00	2.67 -0.24 0.00	6.80 -0.54 -1.38	8.43 -0.43 -3.84	11.29 -0.65 -4.00	8.70 -0.25 -5.85	8.82 -0.25 -6.01	9.28 -0.24 -6.61	6.77 -0.09 -5.77	6.43 -0.09 -5.45	5.02 -0.16 -3.31	4.88 -0.17 -3.11	4.57 -0.19 -2.63	16.44 -2.09 0.00	15.49 -1.97 0.00	15.42 -2.26 0.00	16.82 -2.43 0.00	16.37 -2.40 0.00	11.70 -1.51 0.00	9.61 -1.06 0.00



MILLIKEN___1 23584	7.77 0.16 -3.26	6.65 0.12 -2.98	6.08 0.11 -2.87	5.80 0.10 -2.60	5.94 0.11 -2.73	6.09 0.11 -3.07	12.81 0.27 -6.59	18.48 0.21 -13.25	21.46 0.33 -13.19	23.50 0.13 -20.27	23.56 0.13 -20.37	23.21 0.12 -20.18	18.91 0.05 -17.77	17.43 0.04 -16.31	14.69 0.08 -12.74	14.31 0.08 -12.28	12.69 0.09 -10.47	19.58 0.59 -0.45	18.66 0.56 -0.64	19.59 0.48 -1.43	21.77 0.52 -1.99	20.08 0.53 -0.78	14.68 0.25 -1.22	12.75 0.20 -1.88
MILLIKEN___2 23585	7.77 0.16 -3.26	6.65 0.12 -2.98	6.08 0.11 -2.87	5.80 0.10 -2.60	5.94 0.11 -2.73	6.09 0.11 -3.07	12.81 0.27 -6.59	18.48 0.21 -13.25	21.46 0.33 -13.19	23.50 0.13 -20.27	23.56 0.13 -20.37	23.21 0.12 -20.18	18.91 0.05 -17.77	17.43 0.04 -16.31	14.69 0.08 -12.74	14.31 0.08 -12.28	12.69 0.09 -10.47	19.58 0.59 -0.45	18.66 0.56 -0.64	19.59 0.48 -1.43	21.77 0.52 -1.99	20.08 0.53 -0.78	14.68 0.25 -1.22	12.75 0.20 -1.88
MILLIKEN___DIESEL 23629	7.77 0.16 -3.26	6.65 0.12 -2.98	6.08 0.11 -2.87	5.80 0.10 -2.60	5.94 0.11 -2.73	6.09 0.11 -3.07	12.81 0.27 -6.59	18.48 0.21 -13.25	21.46 0.33 -13.19	23.50 0.13 -20.27	23.56 0.13 -20.37	23.21 0.12 -20.18	18.91 0.05 -17.77	17.43 0.04 -16.31	14.69 0.08 -12.74	14.31 0.08 -12.28	12.69 0.09 -10.47	19.58 0.59 -0.45	18.66 0.56 -0.64	19.59 0.48 -1.43	21.77 0.52 -1.99	20.08 0.53 -0.78	14.68 0.25 -1.22	12.75 0.20 -1.88
MILLSEAT___LFGE 323607	6.95 0.13 -2.47	5.94 0.13 -2.25	5.41 0.13 -2.17	5.19 0.12 -1.96	5.31 0.14 -2.07	5.37 0.13 -2.32	12.04 0.24 -5.84	17.59 0.17 -12.40	20.55 0.16 -12.45	23.71 0.05 -20.55	24.08 0.06 -20.96	23.96 0.06 -21.00	18.48 0.02 -17.36	16.93 0.02 -15.83	13.61 0.05 -11.69	13.21 0.05 -11.21	11.74 0.06 -9.55	19.04 0.17 -0.34	18.12 0.17 -0.48	19.01 0.19 -1.13	20.95 0.12 -1.58	19.66 0.26 -0.62	14.24 0.07 -0.97	12.07 -0.09 -1.49
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.54 0.50 -18.69	21.02 0.41 -17.06	19.92 0.36 -16.46	18.32 0.35 -14.87	19.11 0.36 -15.65	20.81 0.33 -17.57	27.62 0.71 -20.95	34.88 0.63 -29.23	35.86 0.99 -26.93	39.23 0.39 -35.73	39.83 0.39 -36.38	41.57 0.37 -38.29	40.81 0.14 -39.58	40.34 0.14 -39.13	39.74 0.24 -37.63	34.86 0.25 -32.65	30.50 0.27 -28.09	41.33 2.15 -20.65	37.28 2.03 -17.79	28.17 2.07 -8.42	33.13 2.25 -11.63	25.57 2.14 -4.65	21.97 1.49 -7.27	22.81 1.15 -11.00
MODEL_CITY_ENERGY 24167	7.02 0.07 -2.60	6.01 0.09 -2.38	5.49 0.10 -2.29	5.26 0.09 -2.07	5.40 0.12 -2.18	5.45 0.10 -2.45	12.05 0.13 -5.97	17.63 0.06 -12.55	20.46 -0.06 -12.58	24.40 -0.03 -21.33	24.89 -0.02 -21.85	24.70 -0.01 -21.80	18.61 0.00 -17.52	17.07 0.00 -15.99	13.75 0.01 -11.87	13.36 0.01 -11.40	11.85 0.02 -9.71	18.63 -0.26 -0.36	17.78 -0.19 -0.50	18.68 -0.19 -1.19	20.53 -0.38 -1.66	19.22 -0.21 -0.65	14.02 -0.21 -1.02	11.95 -0.28 -1.57
MODERN_LFGE___ 323580	7.02 0.07 -2.60	6.01 0.09 -2.38	5.49 0.10 -2.29	5.26 0.09 -2.07	5.40 0.12 -2.18	5.45 0.10 -2.45	12.05 0.13 -5.97	17.63 0.06 -12.55	20.46 -0.06 -12.58	24.40 -0.03 -21.33	24.89 -0.02 -21.85	24.70 -0.01 -21.80	18.61 0.00 -17.52	17.07 0.00 -15.99	13.75 0.01 -11.87	13.36 0.01 -11.40	11.85 0.02 -9.71	18.63 -0.26 -0.36	17.78 -0.19 -0.50	18.68 -0.19 -1.19	20.53 -0.38 -1.66	19.22 -0.21 -0.65	14.02 -0.21 -1.02	11.95 -0.28 -1.57
MOHAWK_PAPER___DRP 24187	30.70 0.25 -26.09	27.58 0.21 -23.83	26.27 0.18 -22.99	24.05 0.18 -20.77	25.14 0.18 -21.86	27.62 0.17 -24.54	33.94 0.33 -27.65	41.63 0.27 -36.34	41.32 0.44 -32.94	44.70 0.17 -41.43	42.44 0.17 -39.20	33.54 0.17 -30.46	32.22 0.06 -31.06	32.21 0.06 -31.08	43.71 0.11 -41.72	43.70 0.11 -41.64	38.12 0.12 -35.87	23.84 0.91 -4.40	23.94 0.84 -5.64	30.18 0.83 -11.67	36.39 0.89 -16.25	26.06 0.90 -6.38	23.80 0.62 -9.97	26.48 0.48 -15.33
MONGAUP___HYD 23641	21.67 0.50 -16.81	19.31 0.41 -15.35	18.27 0.36 -14.81	16.84 0.36 -13.38	17.54 0.36 -14.08	19.05 0.33 -15.81	25.90 0.70 -19.24	32.93 0.52 -27.39	34.09 0.79 -25.37	37.18 0.31 -33.77	37.15 0.31 -33.78	36.66 0.32 -33.43	35.15 0.11 -33.94	34.51 0.11 -33.32	35.49 0.20 -33.42	32.42 0.21 -30.26	28.38 0.23 -26.02	33.14 1.57 -13.03	30.55 1.48 -11.60	26.79 1.68 -7.42	31.40 1.81 -10.34	24.68 1.84 -4.06	20.85 1.30 -6.35	21.49 1.07 -9.76
MONTAUK___DIESEL 23721	27.59 0.76 -22.48	21.50 0.62 -17.33	20.35 0.56 -16.70	18.66 0.51 -15.05	19.61 0.56 -15.95	22.15 0.52 -18.72	31.14 1.09 -24.09	42.03 0.97 -36.04	44.58 1.54 -35.10	40.75 0.60 -37.05	58.80 0.63 -55.11	42.63 0.59 -39.13	41.58 0.22 -40.26	41.12 0.22 -39.83	40.36 0.38 -38.11	40.63 0.39 -38.29	43.36 0.43 -40.80	46.40 3.54 -24.33	43.27 3.30 -22.50	42.46 3.38 -21.39	51.06 3.68 -28.13	40.74 3.53 -18.43	36.86 2.36 -21.29	28.20 1.78 -15.76
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.78 0.56 -18.88	21.23 0.45 -17.24	20.12 0.39 -16.63	18.50 0.38 -15.03	19.30 0.39 -15.81	21.01 0.35 -17.75	27.86 0.78 -21.13	35.18 0.69 -29.48	37.10 1.09 -28.07	39.61 0.43 -36.08	41.67 0.43 -38.18	42.20 0.41 -38.88	41.51 0.15 -40.26	41.06 0.15 -39.83	40.25 0.27 -38.11	41.03 0.28 -38.80	42.47 0.30 -40.04	42.70 2.39 -21.78	38.72 2.25 -19.00	35.39 2.28 -15.42	37.43 2.46 -15.71	32.47 2.37 -11.33	32.64 1.64 -17.79	28.17 1.27 -16.24
MUNSVILLE_WIND_PWR 323609	9.86 0.31 -5.20	8.54 0.25 -4.75	7.89 0.21 -4.58	7.44 0.20 -4.14	7.65 0.20 -4.35	8.00 0.20 -4.89	14.93 0.51 -8.47	20.94 0.45 -15.48	23.78 0.68 -15.16	26.25 0.29 -22.86	26.15 0.25 -22.83	25.07 0.24 -21.92	20.56 0.09 -19.38	19.14 0.08 -17.99	17.47 0.14 -15.46	17.11 0.15 -15.01	15.11 0.16 -12.82	21.37 1.19 -1.65	20.41 1.15 -1.79	21.47 1.17 -2.62	24.20 1.29 -3.65	21.56 1.35 -1.43	16.16 0.71 -2.24	14.70 0.59 -3.45
N SALMON___HYD 24042	3.66 -0.20 0.49	2.93 -0.16 0.45	2.51 -0.15 0.44	2.55 -0.15 0.39	2.52 -0.16 0.41	2.31 -0.14 0.46	6.23 -0.34 -0.61	7.23 -0.26 -2.48	10.23 -0.38 -2.67	7.30 -0.16 -4.35	7.40 -0.15 -4.49	7.78 -0.15 -5.01	5.39 -0.05 -4.35	4.92 -0.06 -3.90	3.70 -0.10 -1.93	3.60 -0.12 -1.76	3.48 -0.13 -1.48	16.96 -1.58 0.00	15.98 -1.48 0.00	15.97 -1.72 0.00	17.44 -1.81 0.00	16.92 -1.86 0.00	12.03 -1.18 0.00	9.87 -0.79 0.00
N.E_GEN_SANDY PD 24062	27.01 0.39 -22.27	24.20 0.32 -20.34	23.00 0.28 -19.62	21.10 0.28 -17.73	22.03 0.28 -18.65	25.40 0.26 -22.23	30.37 0.53 -23.88	37.20 0.44 -31.74	38.51 0.69 -29.88	41.94 0.27 -38.57	41.16 0.27 -37.83	37.76 0.25 -34.60	36.73 0.10 -35.54	36.47 0.09 -35.30	41.66 0.16 -39.62	39.21 0.17 -37.09	34.25 0.19 -31.93	33.00 1.46 -13.00	30.99 1.40 -12.13	29.23 1.42 -10.13	34.89 1.52 -14.11	25.80 1.48 -5.54	22.90 1.03 -8.66	24.80 0.82 -13.32
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.80 0.50 -17.95	20.34 0.40 -16.39	19.27 0.35 -15.81	17.73 0.35 -14.29	18.49 0.35 -15.03	20.11 0.32 -16.88	26.94 0.70 -20.28	34.15 0.62 -28.51	35.24 0.98 -26.31	38.43 0.39 -34.94	38.72 0.39 -35.27	39.34 0.37 -36.06	38.23 0.14 -36.99	37.68 0.14 -36.47	37.94 0.24 -35.82	33.91 0.25 -31.71	29.68 0.27 -27.28	37.77 2.13 -17.10	34.40 2.01 -14.93	27.75 2.09 -7.98	32.62 2.25 -11.12	25.30 2.16 -4.37	21.53 1.49 -6.82	22.31 1.15 -10.49



NARROWS_GT1_1 24228	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT1_2 24229	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT1_3 24230	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT1_4 24231	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT1_5 24232	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT1_6 24233	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT1_7 24234	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT1_8 24235	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT2_1 24236	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT2_2 24237	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT2_3 24238	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT2_4 24239	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT2_5 24240	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT2_6 24241	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NARROWS_GT2_7 24242	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66



NARROWS_GT2_8 24243	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.59 0.38 -20.86	22.91 0.31 -19.05	21.76 0.27 -18.38	19.98 0.27 -16.61	20.85 0.28 -17.47	22.78 0.25 -19.62	29.45 0.57 -22.93	36.85 0.49 -31.34	37.40 0.75 -28.71	40.62 0.29 -37.22	39.73 0.29 -36.37	35.96 0.27 -32.78	34.59 0.10 -33.40	34.22 0.10 -33.05	39.42 0.17 -37.37	37.59 0.18 -35.46	32.85 0.19 -30.53	30.15 1.48 -10.13	28.62 1.41 -9.74	28.72 1.52 -9.52	34.15 1.64 -13.26	25.54 1.56 -5.20	22.43 1.08 -8.13	23.99 0.82 -12.51
NEG CAPITAL___MECHNVIL 23645	32.18 0.25 -27.58	28.94 0.21 -25.18	27.58 0.18 -24.30	25.23 0.18 -21.95	26.38 0.18 -23.10	29.02 0.17 -25.93	35.31 0.38 -28.98	43.06 0.31 -37.73	42.55 0.51 -34.10	45.93 0.20 -42.63	43.52 0.19 -40.26	34.05 0.18 -30.96	32.89 0.07 -31.73	33.02 0.07 -31.88	45.50 0.11 -43.51	45.59 0.12 -43.53	39.76 0.13 -37.51	24.42 1.07 -4.81	24.52 1.00 -6.06	30.81 0.97 -12.16	37.25 1.06 -16.94	26.55 1.13 -6.65	24.33 0.73 -10.39	27.20 0.55 -15.98
NEG CENTRAL_HIGH_ACRES 23767	6.46 0.07 -2.04	5.47 0.06 -1.86	4.95 0.06 -1.80	4.78 0.06 -1.62	4.86 0.06 -1.71	4.89 0.07 -1.92	11.52 0.14 -5.43	17.04 0.09 -11.93	20.09 0.11 -12.04	20.66 0.03 -17.52	20.54 0.04 -17.44	20.73 0.04 -17.78	17.91 0.01 -16.80	16.34 0.01 -15.26	13.01 0.03 -11.11	12.60 0.03 -10.63	11.20 0.03 -9.04	18.91 0.09 -0.28	17.95 0.09 -0.40	18.70 0.11 -0.91	20.61 0.10 -1.27	19.44 0.17 -0.50	14.01 0.03 -0.78	11.83 -0.03 -1.19
NEG CENTRAL___DRP 24199	6.58 0.11 -2.12	5.58 0.09 -1.94	5.05 0.08 -1.87	4.86 0.08 -1.69	4.96 0.08 -1.78	4.99 0.09 -1.99	11.63 0.21 -5.47	17.10 0.16 -11.92	20.18 0.22 -12.01	21.43 0.09 -18.24	21.47 0.09 -18.32	21.58 0.09 -18.58	17.90 0.04 -16.77	16.37 0.04 -15.26	13.07 0.06 -11.13	12.68 0.07 -10.66	11.27 0.07 -9.07	19.29 0.46 -0.29	18.30 0.42 -0.42	19.09 0.42 -0.99	21.07 0.44 -1.37	19.77 0.45 -0.54	14.26 0.21 -0.84	12.11 0.15 -1.30
NEG CENTRAL___INDECK 23768	7.53 0.20 -2.98	6.44 0.18 -2.72	5.88 0.16 -2.62	5.62 0.15 -2.37	5.75 0.16 -2.49	5.88 0.17 -2.80	12.65 0.38 -6.32	18.25 0.28 -12.95	21.29 0.42 -12.92	25.55 0.15 -22.30	26.12 0.15 -22.90	25.75 0.15 -22.69	18.98 0.06 -17.83	17.45 0.06 -16.32	14.34 0.10 -12.36	13.95 0.10 -11.90	12.39 0.12 -10.14	19.72 0.78 -0.40	18.75 0.72 -0.57	19.84 0.80 -1.36	22.01 0.87 -1.89	20.42 0.90 -0.74	14.83 0.46 -1.16	12.71 0.27 -1.78
NEG CENTRAL___SENECA 23627	6.88 0.13 -2.40	5.86 0.11 -2.19	5.32 0.10 -2.12	5.11 0.10 -1.91	5.22 0.11 -2.01	5.28 0.11 -2.26	11.96 0.25 -5.76	17.49 0.19 -12.29	20.55 0.27 -12.34	21.85 0.10 -18.65	21.87 0.11 -18.70	21.87 0.10 -18.86	18.20 0.05 -17.06	16.67 0.05 -15.55	13.51 0.08 -11.56	13.12 0.08 -11.09	11.66 0.09 -9.44	19.46 0.59 -0.33	18.49 0.56 -0.47	19.37 0.58 -1.10	21.39 0.60 -1.54	19.98 0.60 -0.60	14.46 0.30 -0.94	12.32 0.20 -1.45
NEG CENTRAL___STATE_STREET 24147	7.22 0.27 -2.61	6.14 0.21 -2.38	5.58 0.18 -2.30	5.35 0.18 -2.07	5.47 0.18 -2.18	5.55 0.19 -2.45	12.36 0.45 -5.96	17.88 0.34 -12.52	21.02 0.53 -12.55	22.20 0.21 -18.89	22.20 0.22 -18.92	22.12 0.20 -19.01	18.39 0.08 -17.22	16.87 0.07 -15.73	13.84 0.12 -11.85	13.45 0.13 -11.38	11.96 0.14 -9.69	19.95 1.06 -0.36	18.96 0.98 -0.51	19.40 0.71 -1.00	21.42 0.77 -1.40	20.11 0.79 -0.55	14.48 0.41 -0.86	12.31 0.33 -1.32
NEG MILLWOOD___DRP 24198	24.36 0.54 -19.47	21.76 0.44 -17.78	20.64 0.38 -17.15	18.97 0.38 -15.50	19.79 0.38 -16.30	21.56 0.35 -18.30	28.40 0.78 -21.66	35.70 0.69 -29.99	36.58 1.06 -27.57	39.95 0.42 -36.42	40.46 0.42 -36.97	41.83 0.40 -38.52	41.12 0.15 -39.88	40.71 0.15 -39.49	40.72 0.26 -38.59	35.96 0.27 -33.74	31.46 0.29 -29.04	41.35 2.30 -20.52	37.41 2.17 -17.78	28.59 2.21 -8.69	33.81 2.45 -12.11	25.84 2.31 -4.75	22.24 1.60 -7.43	23.30 1.20 -11.43
NEG NORTH_FLCN_SEA 23793	3.72 -0.10 0.53	2.98 -0.09 0.48	2.55 -0.08 0.46	2.59 -0.08 0.42	2.57 -0.09 0.44	2.34 -0.08 0.50	6.17 -0.21 -0.43	6.87 -0.16 -2.01	9.90 -0.23 -2.19	6.63 -0.10 -3.62	6.71 -0.09 -3.75	7.05 -0.09 -4.24	4.72 -0.04 -3.66	4.30 -0.04 -3.26	3.32 -0.07 -1.52	3.24 -0.08 -1.37	3.18 -0.09 -1.14	17.38 -1.15 0.00	16.37 -1.10 0.00	16.41 -1.27 0.00	17.92 -1.33 0.00	17.41 -1.37 0.00	12.35 -0.86 0.00	10.10 -0.57 0.00
NEG NORTH_KES_CHATEGAY 23792	3.68 -0.15 0.52	2.95 -0.12 0.47	2.53 -0.12 0.46	2.57 -0.11 0.41	2.54 -0.12 0.43	2.31 -0.11 0.49	6.16 -0.27 -0.48	6.94 -0.22 -2.13	9.94 -0.32 -2.32	6.79 -0.13 -3.82	6.88 -0.13 -3.95	7.23 -0.13 -4.44	4.89 -0.05 -3.84	4.46 -0.05 -3.43	3.41 -0.09 -1.63	3.33 -0.10 -1.47	3.25 -0.11 -1.23	17.22 -1.32 0.00	16.21 -1.26 0.00	16.25 -1.43 0.00	17.73 -1.52 0.00	17.24 -1.54 0.00	12.23 -0.98 0.00	9.99 -0.67 0.00
NEG NORTH___ALICE_FALLS 23915	3.70 -0.12 0.53	2.97 -0.10 0.48	2.54 -0.10 0.46	2.58 -0.10 0.42	2.55 -0.11 0.44	2.33 -0.09 0.49	6.15 -0.24 -0.43	6.87 -0.18 -2.03	9.90 -0.25 -2.21	6.65 -0.11 -3.65	6.74 -0.10 -3.78	7.08 -0.10 -4.27	4.74 -0.04 -3.69	4.33 -0.04 -3.29	3.33 -0.07 -1.53	3.25 -0.09 -1.38	3.19 -0.10 -1.16	17.29 -1.24 0.00	16.28 -1.19 0.00	16.32 -1.36 0.00	17.81 -1.44 0.00	17.29 -1.48 0.00	12.27 -0.94 0.00	10.04 -0.62 0.00
NEG NORTH___LWR_SARANAC 23913	3.70 -0.12 0.53	2.97 -0.10 0.48	2.54 -0.10 0.46	2.58 -0.10 0.42	2.55 -0.11 0.44	2.33 -0.09 0.49	6.15 -0.24 -0.43	6.87 -0.18 -2.03	9.90 -0.25 -2.21	6.65 -0.11 -3.65	6.74 -0.10 -3.78	7.08 -0.10 -4.27	4.74 -0.04 -3.69	4.33 -0.04 -3.29	3.33 -0.07 -1.53	3.25 -0.09 -1.38	3.19 -0.10 -1.16	17.29 -1.24 0.00	16.28 -1.19 0.00	16.32 -1.36 0.00	17.81 -1.44 0.00	17.29 -1.48 0.00	12.27 -0.94 0.00	10.04 -0.62 0.00
NEG NORTH___PLATTSBURG 23628	3.70 -0.12 0.53	2.97 -0.10 0.48	2.54 -0.10 0.46	2.58 -0.10 0.42	2.55 -0.11 0.44	2.33 -0.09 0.49	6.15 -0.24 -0.43	6.87 -0.18 -2.03	9.90 -0.25 -2.21	6.65 -0.11 -3.65	6.74 -0.10 -3.78	7.08 -0.10 -4.27	4.74 -0.04 -3.69	4.33 -0.04 -3.29	3.33 -0.07 -1.53	3.25 -0.09 -1.38	3.19 -0.10 -1.16	17.29 -1.24 0.00	16.28 -1.19 0.00	16.32 -1.36 0.00	17.81 -1.44 0.00	17.29 -1.48 0.00	12.27 -0.94 0.00	10.04 -0.62 0.00
NEG WEST_LEA_LOCKPORT 23791	7.03 0.10 -2.58	6.02 0.11 -2.36	5.49 0.12 -2.27	5.26 0.11 -2.05	5.40 0.14 -2.16	5.45 0.12 -2.43	12.08 0.18 -5.94	17.66 0.12 -12.53	20.54 0.04 -12.56	24.24 0.01 -21.13	24.69 0.02 -21.61	24.51 0.02 -21.58	18.59 0.01 -17.49	17.05 0.01 -15.96	13.75 0.03 -11.84	13.35 0.04 -11.37	11.85 0.04 -9.68	18.85 -0.04 -0.35	17.98 0.02 -0.50	18.88 0.02 -1.18	20.74 -0.15 -1.65	19.42 0.00 -0.65	14.15 -0.07 -1.01	12.03 -0.19 -1.55



NEG WEST___LANCASTR 23811	7.60 0.21 -3.04	6.52 0.20 -2.78	5.97 0.18 -2.68	5.70 0.18 -2.42	5.86 0.21 -2.55	5.95 0.17 -2.86	12.68 0.35 -6.38	18.35 0.30 -13.03	21.30 0.36 -13.00	34.44 0.13 -31.20	36.81 0.15 -33.60	35.90 0.14 -32.85	19.91 0.05 -18.76	18.35 0.06 -17.22	14.44 0.11 -12.46	14.06 0.11 -12.00	12.48 0.13 -10.22	19.63 0.69 -0.41	18.76 0.72 -0.58	19.79 0.73 -1.38	21.79 0.62 -1.93	20.17 0.64 -0.76	14.78 0.38 -1.18	12.61 0.13 -1.82
NEG_PENN_ALLEGHNY 23528	10.44 0.20 -5.89	9.09 0.17 -5.38	8.44 0.15 -5.19	7.93 0.14 -4.69	8.19 0.15 -4.93	8.59 0.14 -5.54	15.37 0.32 -9.10	21.43 0.26 -16.15	24.05 0.39 -15.72	27.12 0.15 -23.86	27.07 0.16 -23.85	25.71 0.15 -22.66	20.94 0.06 -19.79	19.56 0.05 -18.43	18.27 0.10 -16.30	17.94 0.10 -15.89	15.83 0.11 -13.59	20.04 0.72 -0.78	19.26 0.68 -1.11	21.05 0.73 -2.64	23.69 0.75 -3.68	20.95 0.73 -1.45	15.92 0.45 -2.26	14.49 0.35 -3.48
NEG___GEN_MONROE 24207	6.57 0.13 -2.08	5.58 0.12 -1.90	5.05 0.12 -1.84	4.86 0.11 -1.66	4.95 0.11 -1.75	5.00 0.13 -1.96	11.69 0.26 -5.47	17.17 0.17 -11.98	20.27 0.25 -12.08	21.56 0.08 -18.38	21.61 0.08 -18.46	21.73 0.08 -18.74	18.03 0.03 -16.91	16.47 0.03 -15.36	13.09 0.05 -11.17	12.69 0.05 -10.69	11.28 0.06 -9.09	19.10 0.28 -0.29	18.12 0.24 -0.41	18.95 0.30 -0.97	20.96 0.36 -1.34	19.74 0.43 -0.53	14.19 0.16 -0.83	11.96 0.03 -1.27
NEPA___ENERGY 23901	8.13 0.13 -3.66	7.01 0.13 -3.34	6.44 0.12 -3.22	6.13 0.12 -2.91	6.31 0.14 -3.06	6.46 0.11 -3.44	13.12 0.20 -6.97	18.87 0.15 -13.70	21.67 0.15 -13.58	26.55 0.05 -23.40	27.13 0.06 -24.01	26.49 0.06 -23.52	19.48 0.02 -18.36	17.99 0.03 -16.89	15.21 0.06 -13.28	14.84 0.06 -12.83	13.14 0.06 -10.94	19.27 0.24 -0.49	18.42 0.26 -0.69	19.62 0.28 -1.65	21.70 0.15 -2.30	19.85 0.17 -0.90	14.70 0.08 -1.41	12.80 -0.03 -2.17
NEVERSINK___HYD 23608	24.18 0.56 -19.28	21.60 0.45 -17.60	20.48 0.39 -16.98	18.84 0.39 -15.35	19.64 0.40 -16.15	21.40 0.36 -18.13	28.26 0.82 -21.49	35.54 0.72 -29.80	36.47 1.12 -27.41	39.47 0.44 -35.93	39.02 0.44 -35.52	36.91 0.41 -33.59	35.49 0.15 -34.24	35.01 0.15 -33.79	38.24 0.26 -36.11	35.72 0.27 -33.50	31.25 0.30 -28.83	32.98 2.32 -12.13	30.81 2.18 -11.16	28.82 2.37 -8.77	34.03 2.56 -12.22	26.00 2.42 -4.80	22.40 1.69 -7.49	23.48 1.29 -11.52
NEWTON___FALLS_HYD 23847	4.01 -0.33 0.00	3.27 -0.28 0.00	2.85 -0.25 0.00	2.85 -0.25 0.00	2.84 -0.26 0.00	2.68 -0.23 0.00	7.47 -0.47 -1.99	10.17 -0.38 -5.53	13.11 -0.58 -5.75	11.93 -0.22 -9.04	12.03 -0.23 -9.20	12.47 -0.22 -9.78	9.67 -0.08 -8.66	8.83 -0.08 -7.84	6.49 -0.15 -4.76	6.26 -0.16 -4.47	5.74 -0.17 -3.78	16.74 -1.80 0.00	15.77 -1.69 0.00	16.02 -1.66 0.00	17.48 -1.77 0.00	17.05 -1.73 0.00	12.05 -1.16 0.00	9.82 -0.84 0.00
NIAGARA_115E_LBMP 323715	7.02 0.05 -2.62	6.02 0.07 -2.40	5.50 0.09 -2.31	5.27 0.08 -2.09	5.41 0.11 -2.20	5.46 0.08 -2.47	12.03 0.09 -5.98	17.61 0.02 -12.57	20.42 -0.12 -12.60	24.44 -0.05 -21.39	24.94 -0.04 -21.91	24.73 -0.03 -21.86	18.62 -0.01 -17.54	17.08 -0.01 -16.01	13.77 0.00 -11.90	13.38 0.00 -11.43	11.86 0.00 -9.73	18.52 -0.37 -0.36	17.68 -0.30 -0.51	18.57 -0.32 -1.20	20.40 -0.52 -1.67	19.11 -0.32 -0.66	13.94 -0.29 -1.03	11.91 -0.33 -1.58
NIAGARA_115W_LBMP 323714	7.01 0.03 -2.63	6.01 0.06 -2.40	5.49 0.07 -2.32	5.26 0.07 -2.09	5.40 0.09 -2.20	5.45 0.07 -2.47	11.99 0.05 -5.99	17.58 -0.02 -12.58	20.35 -0.20 -12.60	19.62 -0.08 -16.60	19.13 -0.07 -16.14	19.21 -0.06 -16.36	18.15 -0.02 -17.07	16.62 -0.02 -15.57	13.76 -0.02 -11.91	13.37 -0.02 -11.44	11.85 -0.02 -9.74	18.36 -0.54 -0.36	17.52 -0.45 -0.51	18.41 -0.48 -1.20	20.22 -0.71 -1.68	18.95 -0.49 -0.66	13.84 -0.40 -1.03	11.85 -0.39 -1.58
NIAGARA_230_LBMP 323716	6.99 0.04 -2.60	5.99 0.07 -2.37	5.47 0.08 -2.29	5.24 0.07 -2.07	5.37 0.10 -2.17	5.42 0.07 -2.44	11.99 0.08 -5.96	17.58 0.02 -12.55	20.41 -0.10 -12.57	17.02 -0.05 -13.96	16.00 -0.03 -12.97	16.23 -0.03 -13.35	17.88 -0.01 -16.79	16.36 -0.01 -15.29	13.73 0.00 -11.86	13.34 0.00 -11.39	11.83 0.00 -9.70	18.57 -0.32 -0.36	17.71 -0.26 -0.50	18.61 -0.26 -1.19	20.44 -0.46 -1.66	19.13 -0.30 -0.65	13.95 -0.28 -1.02	11.91 -0.32 -1.56
NIAGARA____ 23760	7.00 0.04 -2.61	6.00 0.07 -2.38	5.48 0.08 -2.30	5.25 0.07 -2.08	5.38 0.10 -2.19	5.44 0.08 -2.46	12.00 0.07 -5.97	17.59 0.01 -12.56	20.39 -0.14 -12.59	19.33 -0.06 -16.28	18.78 -0.05 -15.76	18.87 -0.04 -16.00	18.11 -0.01 -17.03	16.59 -0.01 -15.52	13.75 -0.01 -11.88	13.36 -0.01 -11.41	11.84 0.00 -9.72	18.50 -0.39 -0.36	17.66 -0.31 -0.50	18.54 -0.34 -1.20	20.38 -0.54 -1.66	19.07 -0.36 -0.65	13.93 -0.30 -1.02	11.89 -0.34 -1.57
NINE_MILE_1 23575	5.27 -0.06 -0.98	4.39 -0.05 -0.89	3.92 -0.04 -0.86	3.83 -0.04 -0.78	3.88 -0.04 -0.82	3.79 -0.03 -0.92	10.10 -0.07 -4.21	15.16 -0.06 -10.20	18.27 -0.10 -10.43	19.29 -0.04 -16.23	19.42 -0.04 -16.40	19.90 -0.04 -17.02	16.30 -0.01 -15.22	14.76 -0.01 -13.70	11.04 -0.02 -9.19	10.64 -0.02 -8.72	9.50 -0.03 -7.40	18.38 -0.30 -0.14	17.37 -0.30 -0.20	17.89 -0.28 -0.49	19.62 -0.31 -0.68	18.76 -0.28 -0.27	13.39 -0.24 -0.42	11.11 -0.19 -0.64
NINE_MILE_2 23744	5.26 -0.06 -0.97	4.39 -0.05 -0.89	3.91 -0.04 -0.85	3.83 -0.04 -0.77	3.87 -0.04 -0.81	3.79 -0.03 -0.91	10.08 -0.07 -4.19	15.11 -0.06 -10.16	18.22 -0.10 -10.39	19.23 -0.04 -16.16	19.36 -0.04 -16.33	19.83 -0.04 -16.96	16.24 -0.01 -15.15	14.71 -0.01 -13.65	11.00 -0.02 -9.15	10.60 -0.02 -8.68	9.47 -0.03 -7.36	18.38 -0.30 -0.14	17.37 -0.30 -0.20	17.88 -0.28 -0.48	19.62 -0.31 -0.67	18.76 -0.28 -0.26	13.40 -0.22 -0.41	11.11 -0.19 -0.64
NM_CAPITAL___DRP 24208	30.34 0.23 -25.76	27.26 0.19 -23.52	25.96 0.17 -22.69	23.77 0.17 -20.50	24.84 0.17 -21.57	27.29 0.16 -24.22	33.61 0.30 -27.35	41.29 0.25 -36.03	41.02 0.40 -32.67	44.41 0.16 -41.15	42.18 0.16 -38.96	33.41 0.15 -30.35	32.06 0.06 -30.91	32.02 0.06 -30.89	43.07 0.10 -41.09	43.26 0.10 -41.21	37.74 0.11 -35.50	23.68 0.80 -4.35	23.80 0.75 -5.58	29.98 0.74 -11.55	36.13 0.79 -16.09	25.90 0.81 -6.32	23.64 0.55 -9.87	26.28 0.44 -15.18
NM_CENTRAL___DRP 24181	5.60 0.04 -1.21	4.69 0.03 -1.11	4.20 0.03 -1.07	4.09 0.02 -0.97	4.15 0.03 -1.02	4.08 0.03 -1.14	10.69 0.09 -4.65	16.13 0.07 -11.05	19.32 0.10 -11.27	20.50 0.04 -17.36	20.63 0.04 -17.53	21.10 0.04 -18.15	17.35 0.02 -16.24	15.82 0.02 -14.73	11.91 0.03 -10.01	11.49 0.03 -9.52	10.24 0.03 -8.08	18.86 0.15 -0.18	17.84 0.12 -0.26	18.44 0.14 -0.62	20.27 0.15 -0.86	19.28 0.17 -0.34	13.79 0.05 -0.53	11.51 0.03 -0.81
NM_FRONTIER___DRP 24179	7.01 0.03 -2.63	6.01 0.06 -2.40	5.49 0.07 -2.32	5.26 0.07 -2.09	5.40 0.09 -2.20	5.45 0.07 -2.47	11.99 0.05 -5.99	17.58 -0.02 -12.58	20.35 -0.20 -12.60	19.62 -0.08 -16.60	19.13 -0.07 -16.14	19.21 -0.06 -16.36	18.15 -0.02 -17.07	16.62 -0.02 -15.57	13.76 -0.02 -11.91	13.37 -0.02 -11.44	11.85 -0.02 -9.74	18.36 -0.54 -0.36	17.52 -0.45 -0.51	18.41 -0.48 -1.20	20.22 -0.71 -1.68	18.95 -0.49 -0.66	13.84 -0.40 -1.03	11.85 -0.39 -1.58



NM_ST_REGIS___HYD 24053	3.59 -0.33 0.44	2.88 -0.27 0.40	2.48 -0.24 0.38	2.51 -0.24 0.35	2.48 -0.25 0.37	2.28 -0.22 0.41	6.40 -0.49 -0.93	7.91 -0.39 -3.28	10.84 -0.59 -3.49	8.48 -0.23 -5.60	8.59 -0.23 -5.76	9.03 -0.22 -6.34	6.55 -0.08 -5.53	5.98 -0.08 -4.99	4.37 -0.15 -2.64	4.22 -0.16 -2.44	4.00 -0.18 -2.05	16.55 -1.98 0.00	15.58 -1.89 0.00	15.53 -2.16 0.00	16.94 -2.31 0.00	16.47 -2.31 0.00	11.77 -1.44 0.00	9.66 -1.00 0.00
NORTHPORT___1 23551	27.45 0.61 -22.49	21.39 0.50 -17.33	20.24 0.44 -16.70	18.57 0.42 -15.05	19.49 0.44 -15.95	22.04 0.40 -18.72	30.91 0.86 -24.10	41.81 0.74 -36.05	44.21 1.16 -35.11	40.59 0.46 -37.04	58.67 0.46 -55.15	42.47 0.43 -39.13	41.52 0.16 -40.26	41.07 0.16 -39.83	40.26 0.28 -38.11	40.54 0.29 -38.30	43.27 0.32 -40.83	45.40 2.54 -24.33	42.37 2.39 -22.51	41.53 2.42 -21.42	50.03 2.62 -28.17	39.77 2.53 -18.46	36.30 1.77 -21.32	27.80 1.38 -15.76
NORTHPORT___2 23552	27.45 0.61 -22.49	21.39 0.50 -17.33	20.24 0.44 -16.70	18.57 0.42 -15.05	19.49 0.44 -15.95	22.04 0.40 -18.72	30.91 0.86 -24.10	41.81 0.74 -36.05	44.21 1.16 -35.11	40.59 0.46 -37.04	58.67 0.46 -55.15	42.47 0.43 -39.13	41.52 0.16 -40.26	41.07 0.16 -39.83	40.26 0.28 -38.11	40.54 0.29 -38.30	43.27 0.32 -40.83	45.40 2.54 -24.33	42.37 2.39 -22.51	41.53 2.42 -21.42	50.03 2.62 -28.17	39.77 2.53 -18.46	36.30 1.77 -21.32	27.80 1.38 -15.76
NORTHPORT___3 23553	27.50 0.67 -22.48	21.42 0.54 -17.33	20.27 0.47 -16.70	18.61 0.46 -15.05	19.52 0.47 -15.95	22.07 0.44 -18.72	30.99 0.94 -24.09	41.87 0.82 -36.04	44.33 1.30 -35.10	40.64 0.51 -37.03	58.68 0.51 -55.11	42.52 0.48 -39.13	41.54 0.18 -40.26	41.08 0.18 -39.83	40.30 0.31 -38.11	40.57 0.33 -38.29	43.29 0.36 -40.80	45.71 2.85 -24.33	42.66 2.69 -22.50	41.80 2.72 -21.40	50.33 2.95 -28.14	40.06 2.85 -18.43	36.47 1.97 -21.29	27.95 1.54 -15.75
NORTHPORT___4 23650	27.50 0.67 -22.48	21.42 0.54 -17.33	20.27 0.47 -16.70	18.61 0.46 -15.05	19.52 0.47 -15.95	22.07 0.44 -18.72	30.99 0.94 -24.09	41.87 0.82 -36.04	44.33 1.30 -35.10	40.64 0.51 -37.03	58.68 0.51 -55.11	42.52 0.48 -39.13	41.54 0.18 -40.26	41.08 0.18 -39.83	40.30 0.31 -38.11	40.57 0.33 -38.29	43.29 0.36 -40.80	45.71 2.85 -24.33	42.66 2.69 -22.50	41.80 2.72 -21.40	50.33 2.95 -28.14	40.06 2.85 -18.43	36.47 1.97 -21.29	27.95 1.54 -15.75
NORTHPORT___IC 23718	27.45 0.61 -22.49	21.39 0.50 -17.33	20.24 0.44 -16.70	18.57 0.42 -15.05	19.49 0.44 -15.95	22.04 0.40 -18.72	30.91 0.86 -24.10	41.81 0.74 -36.05	44.21 1.16 -35.11	40.59 0.46 -37.04	58.67 0.46 -55.15	42.47 0.43 -39.13	41.52 0.16 -40.26	41.07 0.16 -39.83	40.26 0.28 -38.11	40.54 0.29 -38.30	43.27 0.32 -40.83	45.40 2.54 -24.33	42.37 2.39 -22.51	41.53 2.42 -21.42	50.03 2.62 -28.17	39.77 2.53 -18.46	36.30 1.77 -21.32	27.80 1.38 -15.76
NPX_GEN_1385_PROXY 323591	27.40 0.56 -22.49	21.39 0.50 -17.33	20.24 0.44 -16.70	18.57 0.42 -15.05	19.49 0.44 -15.95	23.30 0.38 -20.01	30.51 0.78 -23.77	40.70 0.60 -35.08	39.10 0.91 -30.24	39.70 0.36 -36.24	36.90 0.36 -33.47	36.30 0.34 -33.05	35.00 0.13 -33.78	35.20 0.13 -34.00	34.68 0.22 -32.58	34.37 0.23 -32.19	35.30 0.25 -32.92	40.60 1.98 -20.08	38.60 1.87 -19.26	41.00 1.89 -21.42	45.00 2.04 -23.71	35.00 1.97 -14.25	30.50 1.37 -15.92	27.50 1.08 -15.76
NPX_GEN_CSC 323557	27.40 0.57 -22.48	21.35 0.47 -17.33	20.23 0.43 -16.70	18.53 0.38 -15.05	19.48 0.43 -15.95	23.30 0.38 -20.01	30.52 0.79 -23.77	40.80 0.70 -35.08	44.14 1.10 -35.10	40.58 0.43 -37.05	58.62 0.45 -55.11	42.46 0.42 -39.13	41.51 0.16 -40.26	41.06 0.16 -39.83	40.26 0.28 -38.11	40.53 0.28 -38.29	43.24 0.31 -40.80	45.34 2.48 -24.33	42.33 2.36 -22.50	41.48 2.40 -21.40	49.98 2.60 -28.13	39.74 2.53 -18.43	36.22 1.72 -21.29	27.73 1.31 -15.76
NSINS_S_GLNS_FALLS 23858	31.77 0.20 -27.22	28.57 0.16 -24.86	27.22 0.14 -23.98	24.91 0.14 -21.67	26.04 0.14 -22.80	28.65 0.15 -25.60	34.93 0.32 -28.66	42.66 0.25 -37.40	42.18 0.42 -33.81	45.64 0.16 -42.38	43.39 0.14 -40.18	34.55 0.13 -31.51	33.48 0.05 -32.34	33.58 0.05 -32.46	45.28 0.08 -43.32	45.14 0.08 -43.11	39.37 0.09 -37.15	24.90 0.81 -5.55	24.83 0.75 -6.62	30.47 0.76 -12.02	36.83 0.83 -16.75	26.48 1.13 -6.58	24.19 0.70 -10.28	27.01 0.54 -15.80
NUCOR_STEEL___DRP 24197	7.30 0.28 -2.67	6.21 0.22 -2.44	5.65 0.19 -2.35	5.41 0.19 -2.13	5.53 0.19 -2.24	5.62 0.20 -2.51	12.44 0.46 -6.02	17.98 0.35 -12.61	21.11 0.55 -12.62	22.30 0.22 -18.98	22.29 0.22 -19.01	22.19 0.21 -19.07	18.46 0.08 -17.29	16.94 0.07 -15.79	13.94 0.12 -11.94	13.56 0.13 -11.47	12.05 0.15 -9.77	20.00 1.09 -0.37	19.00 1.01 -0.52	19.39 0.73 -0.98	21.41 0.79 -1.37	20.10 0.79 -0.54	14.47 0.42 -0.84	12.29 0.34 -1.29
NYISO_LBMP_REFERENCE 24008	4.35 0.00 0.00	3.55 0.00 0.00	3.10 0.00 0.00	3.10 0.00 0.00	3.10 0.00 0.00	2.91 0.00 0.00	5.96 0.00 0.00	5.02 0.00 0.00	7.94 0.00 0.00	3.10 0.00 0.00	3.06 0.00 0.00	2.91 0.00 0.00	1.09 0.00 0.00	1.07 0.00 0.00	1.87 0.00 0.00	1.95 0.00 0.00	2.13 0.00 0.00	18.53 0.00 0.00	17.47 0.00 0.00	17.68 0.00 0.00	19.25 0.00 0.00	18.78 0.00 0.00	13.21 0.00 0.00	10.66 0.00 0.00
NYPA_BRENTWD___GT 24164	27.47 0.65 -22.47	21.42 0.54 -17.33	20.27 0.47 -16.70	18.60 0.45 -15.05	19.52 0.47 -15.95	22.06 0.43 -18.72	30.96 0.92 -24.08	41.85 0.80 -36.03	44.28 1.26 -35.08	40.66 0.50 -37.06	58.61 0.49 -55.06	42.50 0.46 -39.13	41.53 0.18 -40.26	41.08 0.17 -39.83	40.28 0.30 -38.11	40.53 0.31 -38.28	43.22 0.33 -40.76	45.54 2.69 -24.32	42.49 2.53 -22.49	41.61 2.56 -21.36	50.11 2.77 -28.09	39.85 2.68 -18.39	36.40 1.94 -21.25	27.93 1.50 -15.76
NYPA_GOWANUS___GT5 24156	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NYPA_GOWANUS___GT6 24157	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66
NYPA_HARLEM__RVR__GT1 24160	23.84 0.61 -18.88	21.27 0.48 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.31 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.84 1.08 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.23 0.26 -38.10	39.56 0.27 -37.33	39.55 0.30 -37.13	42.54 2.30 -21.71	38.57 2.24 -18.87	33.62 2.26 -13.67	36.40 2.45 -14.71	30.78 2.35 -9.65	30.02 1.65 -15.16	26.86 1.26 -14.94



NYPA_HARLEM__RVR__GT2 24161	23.84 0.61 -18.88	21.27 0.48 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.31 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.84 1.08 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.23 0.26 -38.10	39.56 0.27 -37.33	39.55 0.30 -37.13	42.54 2.30 -21.71	38.57 2.24 -18.87	33.62 2.26 -13.67	36.40 2.45 -14.71	30.78 2.35 -9.65	30.02 1.65 -15.16	26.86 1.26 -14.94
NYPA_KENT____GT 24152	23.82 0.59 -18.88	21.25 0.47 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.02 0.37 -17.75	27.88 0.80 -21.12	35.18 0.70 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.02 2.50 -15.26	31.74 2.38 -10.58	31.49 1.66 -16.61	27.58 1.26 -15.66
NYPA_POUCH1____GT 24155	23.82 0.59 -18.88	21.26 0.47 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.03 1.06 -28.02	39.59 0.42 -36.07	41.58 0.41 -38.10	42.19 0.40 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.24 0.26 -38.11	40.74 0.27 -38.52	41.89 0.29 -39.47	42.61 2.32 -21.76	38.66 2.22 -18.97	35.01 2.25 -15.08	37.21 2.45 -15.52	32.11 2.33 -11.00	32.09 1.60 -17.28	27.85 1.20 -15.98
NYPA_VERNON____GT2 24162	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.52 0.39 -15.02	19.31 0.40 -15.81	21.02 0.37 -17.75	27.88 0.80 -21.12	35.18 0.70 -29.47	37.01 1.10 -27.96	39.60 0.44 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.70 2.29 -18.95	34.64 2.32 -14.64	37.02 2.50 -15.26	31.74 2.38 -10.58	31.49 1.66 -16.61	27.60 1.28 -15.66
NYPA_VERNON____GT3 24163	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.52 0.39 -15.02	19.31 0.40 -15.81	21.02 0.37 -17.75	27.88 0.80 -21.12	35.18 0.70 -29.47	37.01 1.10 -27.96	39.60 0.44 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.70 2.29 -18.95	34.64 2.32 -14.64	37.02 2.50 -15.26	31.74 2.38 -10.58	31.49 1.66 -16.61	27.60 1.28 -15.66
NYPA__ASTORIA_CC1 323568	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.37 -17.75	27.87 0.79 -21.12	35.18 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.66 2.25 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.49 1.66 -16.61	27.59 1.27 -15.66
NYPA__ASTORIA_CC2 323569	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.37 -17.75	27.87 0.79 -21.12	35.18 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.66 2.25 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.49 1.66 -16.61	27.59 1.27 -15.66
NYPA__HOLTSVILL 23794	27.45 0.62 -22.48	21.39 0.51 -17.33	20.25 0.45 -16.70	18.57 0.42 -15.05	19.50 0.45 -15.95	22.04 0.41 -18.72	30.91 0.86 -24.09	41.82 0.76 -36.04	44.23 1.19 -35.10	40.62 0.47 -37.05	58.66 0.48 -55.11	42.50 0.45 -39.13	41.53 0.17 -40.26	41.07 0.17 -39.83	40.28 0.30 -38.11	40.55 0.31 -38.29	43.26 0.33 -40.80	45.55 2.69 -24.33	42.50 2.53 -22.50	41.66 2.58 -21.40	50.16 2.77 -28.14	39.93 2.72 -18.43	36.38 1.88 -21.29	27.86 1.44 -15.76
NYPA____HELLGATE_GT1 24158	23.84 0.61 -18.88	21.27 0.48 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.31 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.84 1.08 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.23 0.26 -38.10	39.56 0.27 -37.33	39.55 0.30 -37.13	42.54 2.30 -21.71	38.57 2.24 -18.87	33.62 2.26 -13.67	36.40 2.45 -14.71	30.78 2.35 -9.65	30.02 1.65 -15.16	26.86 1.26 -14.94
NYPA____HELLGATE_GT2 24159	23.84 0.61 -18.88	21.27 0.48 -17.24	20.15 0.42 -16.63	18.53 0.41 -15.02	19.31 0.41 -15.81	21.04 0.38 -17.75	27.85 0.77 -21.12	35.14 0.67 -29.45	36.84 1.08 -27.82	39.57 0.43 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.23 0.26 -38.10	39.56 0.27 -37.33	39.55 0.30 -37.13	42.54 2.30 -21.71	38.57 2.24 -18.87	33.62 2.26 -13.67	36.40 2.45 -14.71	30.78 2.35 -9.65	30.02 1.65 -15.16	26.86 1.26 -14.94
NYS_BARGE__HYD 23848	7.01 0.10 -2.56	6.00 0.12 -2.34	5.48 0.12 -2.26	5.25 0.11 -2.04	5.39 0.14 -2.14	5.44 0.12 -2.41	12.07 0.19 -5.92	17.64 0.12 -12.50	20.53 0.05 -12.54	24.32 0.02 -21.20	24.79 0.02 -21.71	24.62 0.03 -21.68	18.59 0.01 -17.48	17.04 0.01 -15.95	13.72 0.04 -11.81	13.33 0.04 -11.34	11.83 0.04 -9.65	18.87 -0.02 -0.35	18.00 0.04 -0.50	18.89 0.04 -1.17	20.75 -0.13 -1.63	19.44 0.02 -0.64	14.16 -0.05 -1.00	12.02 -0.18 -1.54
O.H_GEN_BRUCE 24063	7.31 0.06 -2.90	6.27 0.08 -2.64	5.74 0.08 -2.55	5.48 0.08 -2.31	5.63 0.10 -2.43	7.00 0.08 -4.01	11.98 0.11 -5.92	16.98 0.05 -11.91	20.76 -0.04 -12.86	19.49 -0.02 -16.41	18.88 -0.01 -15.83	18.88 -0.01 -15.98	18.31 0.00 -17.22	16.80 0.00 -15.72	14.15 0.01 -12.26	13.76 0.02 -11.80	12.20 0.02 -10.05	18.76 -0.17 -0.39	17.90 -0.12 -0.56	18.88 -0.12 -1.32	20.80 -0.29 -1.84	19.31 -0.19 -0.72	14.15 -0.18 -1.13	12.15 -0.24 -1.73
OAK_ORCHARD__HYD 24046	6.51 0.10 -2.06	5.52 0.09 -1.88	5.00 0.08 -1.82	4.81 0.08 -1.64	4.90 0.08 -1.73	4.93 0.09 -1.94	11.58 0.18 -5.45	17.09 0.12 -11.95	20.16 0.17 -12.06	20.82 0.05 -17.68	20.73 0.05 -17.62	20.91 0.05 -17.95	17.94 0.02 -16.82	16.38 0.02 -15.28	13.05 0.04 -11.13	12.64 0.04 -10.65	11.24 0.04 -9.06	19.01 0.19 -0.29	18.03 0.16 -0.40	18.85 0.21 -0.95	20.79 0.21 -1.33	19.60 0.30 -0.52	14.12 0.09 -0.82	11.91 -0.01 -1.25
OCC_CHEM__DRP 24175	7.02 0.04 -2.63	6.02 0.07 -2.41	5.50 0.08 -2.32	5.27 0.07 -2.10	5.41 0.10 -2.21	5.46 0.08 -2.48	12.02 0.07 -5.99	17.60 -0.01 -12.59	20.38 -0.17 -12.61	19.96 -0.07 -16.92	19.54 -0.06 -16.53	19.59 -0.05 -16.73	18.19 -0.02 -17.11	16.66 -0.01 -15.60	13.77 -0.01 -11.91	13.38 -0.01 -11.44	11.86 -0.01 -9.74	18.43 -0.46 -0.36	17.59 -0.38 -0.51	18.48 -0.41 -1.21	20.31 -0.62 -1.68	19.02 -0.41 -1.03	13.90 -0.34 -1.03	11.88 -0.36 -1.58
OLIN_CORP_DRP 24177	7.05 0.06 -2.64	6.04 0.08 -2.41	5.52 0.09 -2.33	5.29 0.09 -2.10	5.42 0.11 -2.21	5.48 0.09 -2.48	12.06 0.10 -6.00	17.64 0.03 -12.60	20.45 -0.10 -12.62	25.34 -0.04 -22.28	26.02 -0.03 -22.98	25.75 -0.03 -22.87	18.73 -0.01 -17.64	17.18 -0.01 -16.11	13.80 0.00 -11.92	13.41 0.00 -11.45	11.89 0.01 -9.75	18.58 -0.32 -0.36	17.73 -0.24 -0.51	18.63 -0.26 -1.21	20.47 -0.46 -1.68	19.16 -0.28 -1.03	13.99 -0.25 -1.03	11.94 -0.31 -1.59



OLIN_CORP_DSASP 323712	7.02 0.04 -2.63	6.02 0.07 -2.41	5.50 0.08 -2.32	5.27 0.07 -2.10	5.41 0.10 -2.21	5.46 0.08 -2.48	12.02 0.07 -5.99	17.60 -0.01 -12.59	20.38 -0.17 -12.61	19.96 -0.07 -16.92	19.54 -0.06 -16.53	19.59 -0.05 -16.73	18.19 -0.02 -17.11	16.66 -0.01 -15.60	13.77 -0.01 -11.91	13.38 -0.01 -11.44	11.86 -0.01 -9.74	18.43 -0.46 -0.36	17.59 -0.38 -0.51	18.48 -0.41 -1.21	20.31 -0.62 -1.68	19.02 -0.41 -0.66	13.90 -0.34 -1.03	11.88 -0.36 -1.58
ONEIDA_HERK_LFGE 323681	3.90 0.04 0.49	3.13 0.03 0.45	2.69 0.02 0.43	2.73 0.02 0.39	2.70 0.02 0.41	2.47 0.02 0.46	9.31 0.08 -3.28	14.98 0.08 -9.89	18.44 0.13 -10.38	19.31 0.06 -16.15	19.62 0.04 -16.51	20.85 0.04 -17.90	16.82 0.01 -15.71	15.50 0.01 -14.41	10.21 0.02 -8.32	9.72 0.02 -7.75	8.69 0.02 -6.54	18.63 0.09 0.00	17.57 0.11 0.00	17.72 0.04 0.00	19.31 0.06 0.00	18.89 0.11 0.00	13.21 0.00 0.00	10.68 0.02 0.00
ONONDAGA_REF_OCCRA 23987	5.94 0.05 -1.54	4.99 0.04 -1.40	4.49 0.04 -1.35	4.36 0.03 -1.22	4.43 0.04 -1.29	4.40 0.04 -1.45	10.99 0.11 -4.93	16.43 0.09 -11.33	19.57 0.13 -11.50	20.78 0.05 -17.62	20.87 0.06 -17.76	21.20 0.05 -18.24	17.49 0.02 -16.38	15.96 0.02 -14.87	12.29 0.03 -10.39	11.88 0.03 -9.90	10.58 0.04 -8.41	18.96 0.20 -0.22	17.95 0.17 -0.31	18.64 0.19 -0.76	20.52 0.21 -1.06	19.42 0.23 -0.42	13.95 0.09 -0.65	11.73 0.06 -1.00
ONONDAGA___COGEN 23986	5.88 0.04 -1.49	4.94 0.03 -1.36	4.44 0.03 -1.31	4.31 0.02 -1.18	4.37 0.02 -1.25	4.34 0.03 -1.40	10.88 0.08 -4.84	16.23 0.06 -11.15	19.36 0.09 -11.33	20.53 0.03 -17.40	20.63 0.04 -17.53	20.96 0.04 -18.02	17.28 0.01 -16.17	15.74 0.01 -14.66	12.11 0.02 -10.21	11.70 0.02 -9.73	10.42 0.03 -8.27	18.86 0.11 -0.21	17.87 0.11 -0.30	18.59 0.16 -0.75	20.46 0.17 -1.04	19.37 0.19 -0.41	13.91 0.07 -0.64	11.69 0.04 -0.98
ONTARIO___LFGE 23819	6.88 0.13 -2.40	5.86 0.11 -2.19	5.32 0.10 -2.12	5.11 0.10 -1.91	5.22 0.11 -2.01	5.28 0.11 -2.26	11.96 0.25 -5.76	17.49 0.19 -12.29	20.55 0.27 -12.34	21.85 0.10 -18.65	21.87 0.11 -18.70	21.87 0.10 -18.86	18.20 0.05 -17.06	16.67 0.05 -15.55	13.51 0.08 -11.56	13.12 0.08 -11.09	11.66 0.09 -9.44	19.46 0.59 -0.33	18.49 0.56 -0.47	19.37 0.58 -1.10	21.39 0.60 -1.54	19.98 0.60 -0.60	14.46 0.30 -0.94	12.32 0.20 -1.45
ORANGEVILLE_WT_PWR 323706	7.68 0.15 -3.18	6.60 0.15 -2.90	6.04 0.14 -2.80	5.76 0.14 -2.53	5.92 0.16 -2.66	6.04 0.14 -2.99	12.73 0.27 -6.51	18.40 0.21 -13.17	21.28 0.22 -13.12	33.18 0.08 -29.99	35.26 0.10 -32.10	34.38 0.09 -31.38	19.85 0.04 -18.72	18.30 0.04 -17.19	14.59 0.08 -12.64	14.21 0.08 -12.18	12.60 0.09 -10.38	19.39 0.43 -0.43	18.53 0.45 -0.61	19.59 0.46 -1.44	21.63 0.36 -2.01	20.00 0.43 -0.79	14.67 0.22 -1.23	12.61 0.05 -1.90
OSWEGATCHIE___HYD 24044	4.01 -0.33 0.00	3.27 -0.28 0.00	2.85 -0.25 0.00	2.85 -0.25 0.00	2.84 -0.26 0.00	2.68 -0.23 0.00	7.47 -0.47 -1.99	10.17 -0.38 -5.53	13.11 -0.58 -5.75	11.93 -0.22 -9.04	12.03 -0.23 -9.20	12.47 -0.22 -9.78	9.67 -0.08 -8.66	8.83 -0.08 -7.84	6.49 -0.15 -4.76	6.26 -0.16 -4.47	5.74 -0.17 -3.78	16.74 -1.80 0.00	15.77 -1.69 0.00	16.02 -1.66 0.00	17.48 -1.77 0.00	17.05 -1.73 0.00	12.05 -1.16 0.00	9.82 -0.84 0.00
OSWEGO___5 23606	5.46 -0.03 -1.14	4.57 -0.02 -1.04	4.09 -0.02 -1.00	3.98 -0.02 -0.91	4.04 -0.02 -0.95	3.97 -0.01 -1.07	10.19 -0.02 -4.25	15.06 -0.02 -10.07	18.16 -0.05 -10.26	18.97 -0.02 -15.89	19.08 -0.02 -16.03	19.46 -0.01 -16.56	15.92 -0.01 -14.83	14.46 -0.01 -13.39	11.00 -0.01 -9.14	10.63 -0.01 -8.69	9.49 -0.01 -7.38	18.51 -0.19 -0.16	17.52 -0.17 -0.23	18.08 -0.16 -0.56	19.86 -0.17 -0.78	18.93 -0.15 -0.31	13.54 -0.15 -0.48	11.27 -0.13 -0.73
OSWEGO___6 23613	5.46 -0.03 -1.14	4.57 -0.02 -1.04	4.09 -0.02 -1.00	3.98 -0.02 -0.91	4.04 -0.02 -0.95	3.97 -0.01 -1.07	10.19 -0.02 -4.25	15.06 -0.02 -10.07	18.16 -0.05 -10.26	18.97 -0.02 -15.89	19.08 -0.02 -16.03	19.46 -0.01 -16.56	15.92 -0.01 -14.83	14.46 -0.01 -13.39	11.00 -0.01 -9.14	10.63 -0.01 -8.69	9.49 -0.01 -7.38	18.51 -0.19 -0.16	17.52 -0.17 -0.23	18.08 -0.16 -0.56	19.86 -0.17 -0.78	18.93 -0.15 -0.31	13.54 -0.15 -0.48	11.27 -0.13 -0.73
OUTOKUMPU-AB___DRP 24206	7.18 0.15 -2.68	6.16 0.16 -2.45	5.62 0.15 -2.36	5.38 0.15 -2.14	5.53 0.18 -2.25	5.58 0.15 -2.52	12.27 0.27 -6.04	17.86 0.21 -12.64	20.77 0.17 -12.65	26.90 0.07 -23.73	27.85 0.08 -24.71	27.49 0.08 -24.50	18.93 0.03 -17.81	17.38 0.03 -16.27	13.92 0.07 -11.98	13.53 0.07 -11.51	12.01 0.08 -9.80	19.18 0.28 -0.37	18.31 0.33 -0.52	19.23 0.32 -1.23	21.13 0.17 -1.71	19.77 0.32 -0.67	14.40 0.15 -1.05	12.21 -0.06 -1.61
OXBOW___ 24026	7.11 0.10 -2.66	6.10 0.12 -2.43	5.57 0.12 -2.34	5.33 0.12 -2.12	5.47 0.15 -2.23	5.53 0.12 -2.50	12.16 0.18 -6.02	17.75 0.12 -12.61	20.60 0.02 -12.63	23.46 0.01 -20.35	23.73 0.02 -20.65	23.58 0.02 -20.64	18.57 0.01 -17.46	17.03 0.01 -15.94	13.85 0.03 -11.94	13.46 0.04 -11.47	11.94 0.04 -9.77	18.86 -0.04 -0.36	18.00 0.02 -0.51	18.90 0.00 -1.22	20.77 -0.17 -1.69	19.44 0.00 -0.66	14.18 -0.07 -1.04	12.07 -0.19 -1.60
OXY_CHEM_DSASP 323612	7.02 0.04 -2.63	6.02 0.07 -2.41	5.50 0.08 -2.32	5.27 0.07 -2.10	5.41 0.10 -2.21	5.46 0.08 -2.48	12.02 0.07 -5.99	17.60 -0.01 -12.59	20.38 -0.17 -12.61	19.96 -0.07 -16.92	19.54 -0.06 -16.53	19.59 -0.05 -16.73	18.19 -0.02 -17.11	16.66 -0.01 -15.60	13.77 -0.01 -11.91	13.38 -0.01 -11.44	11.86 -0.01 -9.74	18.43 -0.46 -0.36	17.59 -0.38 -0.51	18.48 -0.41 -1.21	20.31 -0.62 -1.68	19.02 -0.41 -0.66	13.90 -0.34 -1.03	11.88 -0.36 -1.58
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	7.02 0.04 -2.63	6.02 0.07 -2.41	5.50 0.08 -2.32	5.27 0.07 -2.10	5.41 0.10 -2.21	5.46 0.08 -2.48	12.02 0.07 -5.99	17.60 -0.01 -12.59	20.38 -0.17 -12.61	19.96 -0.07 -16.92	19.54 -0.06 -16.53	19.59 -0.05 -16.73	18.19 -0.02 -17.11	16.66 -0.01 -15.60	13.77 -0.01 -11.91	13.38 -0.01 -11.44	11.86 -0.01 -9.74	18.43 -0.46 -0.36	17.59 -0.38 -0.51	18.48 -0.41 -1.21	20.31 -0.62 -1.68	19.02 -0.41 -0.66	13.90 -0.34 -1.03	11.88 -0.36 -1.58
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.83 0.60 -18.88	21.26 0.47 -17.24	20.14 0.41 -16.63	18.52 0.39 -15.02	19.30 0.39 -15.81	21.03 0.37 -17.75	27.86 0.78 -21.12	35.14 0.67 -29.45	36.82 1.06 -27.82	39.56 0.42 -36.04	41.27 0.41 -37.80	42.17 0.40 -38.86	41.48 0.15 -40.24	41.03 0.15 -39.81	40.23 0.26 -38.10	39.55 0.27 -37.33	39.55 0.29 -37.13	42.52 2.28 -21.71	38.52 2.18 -18.87	33.57 2.21 -13.67	36.36 2.41 -14.71	30.72 2.29 -9.65	29.97 1.60 -15.16	26.82 1.22 -14.94
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.84 0.61 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.04 0.38 -17.75	27.87 0.79 -21.12	35.15 0.68 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.28 0.42 -37.80	42.18 0.40 -38.86	41.49 0.15 -40.24	41.04 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.57 2.34 -21.71	38.59 2.25 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.01 1.64 -15.16	26.85 1.25 -14.94



PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	7.48 0.20 -2.92	6.41 0.20 -2.67	5.86 0.18 -2.57	5.60 0.18 -2.33	5.76 0.21 -2.45	5.83 0.18 -2.75	12.57 0.35 -6.27	18.22 0.30 -12.90	21.17 0.35 -12.88	34.14 0.13 -30.90	36.49 0.15 -33.28	35.64 0.14 -32.58	19.81 0.05 -18.66	18.24 0.06 -17.11	14.28 0.11 -12.30	13.89 0.11 -11.83	12.34 0.13 -10.08	19.60 0.67 -0.40	18.73 0.70 -0.56	19.72 0.71 -1.33	21.70 0.60 -1.85	20.14 0.64 -0.73	14.72 0.37 -1.14	12.52 0.11 -1.75
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.36 0.54 -19.47	21.76 0.44 -17.78	20.64 0.38 -17.15	18.97 0.38 -15.50	19.79 0.38 -16.30	21.56 0.35 -18.30	28.40 0.78 -21.66	35.70 0.69 -29.99	36.58 1.06 -27.57	39.95 0.42 -36.42	40.46 0.42 -36.97	41.83 0.40 -38.52	41.12 0.15 -39.88	40.71 0.15 -39.49	40.72 0.26 -38.59	35.96 0.27 -33.74	31.46 0.29 -29.04	41.35 2.30 -20.52	37.41 2.17 -17.78	28.59 2.21 -8.69	33.81 2.45 -12.11	25.84 2.31 -4.75	22.24 1.60 -7.43	23.30 1.20 -11.43
PEEKSKILL____ 23653	23.43 0.50 -18.58	20.92 0.40 -16.97	19.82 0.35 -16.37	18.23 0.34 -14.79	19.01 0.35 -15.56	20.70 0.32 -17.47	27.51 0.70 -20.86	34.76 0.61 -29.13	35.76 0.98 -26.84	39.11 0.38 -35.62	39.67 0.38 -36.22	41.24 0.36 -37.97	40.44 0.14 -39.20	39.96 0.14 -38.75	39.48 0.24 -37.37	34.72 0.25 -32.52	30.38 0.27 -27.98	40.78 2.11 -20.13	36.83 1.99 -17.38	28.09 2.03 -8.37	33.03 2.21 -11.57	25.50 2.10 -4.63	21.91 1.47 -7.23	22.72 1.12 -10.94
PGE MADISON____WINDPWR 24146	9.86 0.31 -5.20	8.54 0.25 -4.75	7.89 0.21 -4.58	7.44 0.20 -4.14	7.65 0.20 -4.35	8.00 0.20 -4.89	14.93 0.51 -8.47	20.94 0.45 -15.48	23.78 0.68 -15.16	26.25 0.29 -22.86	26.15 0.25 -22.83	25.07 0.24 -21.92	20.56 0.09 -19.38	19.14 0.08 -17.99	17.47 0.14 -15.46	17.11 0.15 -15.01	15.11 0.16 -12.82	21.37 1.19 -1.65	20.41 1.15 -1.79	21.47 1.17 -2.62	24.20 1.29 -3.65	21.56 1.35 -1.43	16.16 0.71 -2.24	14.70 0.59 -3.45
PIERCEFIELD____HYD 23852	3.99 -0.36 0.00	3.25 -0.30 0.00	2.83 -0.27 0.00	2.83 -0.26 0.00	2.82 -0.28 0.00	2.67 -0.24 0.00	6.80 -0.54 -1.38	8.43 -0.43 -3.84	11.29 -0.65 -4.00	8.70 -0.25 -5.85	8.82 -0.25 -6.01	9.28 -0.24 -6.61	6.77 -0.09 -5.77	6.43 -0.09 -5.45	5.02 -0.16 -3.31	4.88 -0.17 -3.11	4.57 -0.19 -2.63	16.44 -2.09 0.00	15.49 -1.97 0.00	15.42 -2.26 0.00	16.82 -2.43 0.00	16.37 -2.40 0.00	11.70 -1.51 0.00	9.61 -1.06 0.00
PINELAWN_CC_1 323563	27.42 0.64 -22.42	21.40 0.52 -17.33	20.25 0.46 -16.69	18.59 0.44 -15.05	19.50 0.46 -15.95	22.04 0.42 -18.70	30.90 0.90 -24.04	41.80 0.79 -35.98	44.15 1.24 -34.97	40.74 0.49 -37.16	58.32 0.46 -54.80	42.46 0.42 -39.13	41.51 0.16 -40.26	41.06 0.16 -39.83	40.26 0.28 -38.11	40.43 0.29 -38.20	43.03 0.31 -40.58	45.32 2.50 -24.28	42.26 2.36 -22.44	41.25 2.39 -21.18	49.63 2.52 -27.86	39.47 2.50 -18.20	36.02 1.76 -21.05	27.91 1.47 -15.78
PJM_GEN_HTP_PROXY 323702	23.77 0.55 -18.87	21.22 0.44 -17.23	20.11 0.39 -16.62	18.50 0.38 -15.02	19.29 0.38 -15.80	22.29 0.35 -19.03	27.53 0.78 -20.80	34.18 0.69 -28.47	36.56 1.09 -27.53	39.53 0.43 -36.00	40.84 0.43 -37.35	42.17 0.41 -38.85	41.47 0.15 -40.22	41.02 0.15 -39.80	40.23 0.27 -38.09	37.82 0.28 -35.59	36.09 0.30 -33.66	42.55 2.39 -21.62	38.44 2.25 -18.72	31.55 2.26 -11.60	35.23 2.46 -13.52	28.82 2.37 -7.67	26.88 1.64 -12.03	25.33 1.27 -13.40
PJM_GEN_KEystone 24065	15.17 0.30 -10.53	13.41 0.25 -9.61	12.60 0.23 -9.27	11.70 0.22 -8.38	12.15 0.24 -8.82	14.30 0.21 -11.19	19.42 0.43 -13.04	25.23 0.36 -19.85	28.31 0.52 -19.84	31.96 0.20 -28.66	32.63 0.21 -29.36	32.62 0.20 -29.51	28.84 0.08 -27.67	27.81 0.08 -26.66	26.28 0.14 -24.27	24.93 0.14 -22.83	22.93 0.16 -20.65	28.89 1.09 -9.27	26.72 1.05 -8.21	24.57 1.08 -5.81	27.53 1.10 -7.18	23.48 1.07 -3.64	19.63 0.73 -5.69	18.17 0.51 -7.00
PJM_GEN_NEPTUNE_PROXY 323594	27.49 0.62 -22.52	21.38 0.50 -17.33	20.23 0.44 -16.70	18.57 0.42 -15.05	19.49 0.44 -15.95	23.33 0.40 -20.02	30.62 0.86 -23.80	40.89 0.75 -35.12	44.31 1.19 -35.18	40.56 0.47 -36.99	58.83 0.47 -55.31	42.49 0.44 -39.13	41.52 0.17 -40.26	41.07 0.16 -39.83	40.27 0.29 -38.11	40.60 0.30 -38.35	43.39 0.33 -40.94	45.50 2.61 -24.36	42.48 2.46 -22.55	41.72 2.49 -21.54	50.26 2.69 -28.31	39.95 2.59 -18.58	36.47 1.81 -21.45	27.83 1.41 -15.76
PJM_GEN_VFT_PROXY 323633	23.77 0.55 -18.87	21.23 0.44 -17.23	20.11 0.38 -16.63	18.50 0.38 -15.02	19.29 0.38 -15.81	22.30 0.35 -19.03	27.54 0.78 -20.80	34.19 0.68 -28.49	36.83 1.06 -27.83	39.56 0.42 -36.04	41.28 0.41 -37.80	42.17 0.39 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.23 0.26 -38.10	39.56 0.27 -37.34	39.56 0.29 -37.14	42.54 2.30 -21.71	38.52 2.18 -18.87	33.58 2.21 -13.69	36.37 2.41 -14.71	30.79 2.35 -9.67	30.00 1.62 -15.17	26.89 1.28 -14.95
PLEASANTVLY____LBMP 24000	24.58 0.48 -19.76	21.98 0.39 -18.04	20.85 0.34 -17.41	19.16 0.34 -15.73	19.99 0.34 -16.55	21.80 0.31 -18.58	28.56 0.67 -21.93	35.89 0.59 -30.28	36.69 0.93 -27.82	40.36 0.37 -36.90	41.45 0.36 -38.02	44.92 0.34 -41.67	44.71 0.13 -43.49	44.35 0.13 -43.15	42.41 0.22 -40.31	36.20 0.23 -34.01	31.66 0.26 -29.27	46.56 1.98 -26.05	41.50 1.89 -22.15	28.36 1.87 -8.80	33.55 2.04 -12.26	25.54 1.95 -4.81	22.08 1.35 -7.52	23.29 1.06 -11.57
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.99 0.52 -19.12	21.43 0.42 -17.46	20.32 0.37 -16.85	18.68 0.36 -15.22	19.49 0.37 -16.02	21.23 0.34 -17.98	28.04 0.73 -21.35	35.32 0.65 -29.66	36.22 1.02 -27.25	39.71 0.41 -36.20	40.44 0.40 -36.97	42.89 0.38 -39.59	42.33 0.14 -41.09	41.90 0.14 -40.69	40.82 0.25 -38.69	35.20 0.26 -32.99	30.54 0.28 -28.13	43.46 2.22 -22.71	39.03 2.11 -19.45	28.02 2.12 -8.22	33.18 2.29 -11.64	25.37 2.20 -4.40	21.60 1.52 -6.87	22.77 1.17 -10.93
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.89 0.50 -20.04	22.25 0.41 -18.30	21.11 0.36 -17.65	19.40 0.35 -15.95	20.24 0.36 -16.78	22.08 0.33 -18.84	28.85 0.71 -22.18	36.18 0.62 -30.54	36.96 0.98 -28.04	40.29 0.38 -36.80	40.37 0.38 -36.93	40.19 0.36 -36.91	39.31 0.14 -38.08	38.92 0.13 -37.71	40.60 0.23 -38.50	36.80 0.24 -34.61	32.18 0.26 -29.79	37.81 2.06 -17.22	34.65 1.94 -15.25	28.75 1.98 -9.09	34.07 2.16 -12.66	25.79 2.05 -4.97	22.39 1.41 -7.77	23.71 1.10 -11.95
POLETTI____ 23519	23.77 0.55 -18.87	21.22 0.44 -17.23	20.11 0.38 -16.63	18.50 0.38 -15.02	19.29 0.38 -15.81	21.01 0.35 -17.75	27.86 0.78 -21.12	35.16 0.68 -29.46	36.85 1.08 -27.83	39.57 0.42 -36.04	41.28 0.42 -37.80	42.18 0.40 -38.87	41.49 0.15 -40.24	41.04 0.15 -39.82	40.24 0.26 -38.10	39.56 0.27 -37.34	39.56 0.30 -37.13	42.61 2.37 -21.71	38.56 2.22 -18.87	33.61 2.25 -13.68	36.41 2.45 -14.71	30.79 2.35 -9.66	30.00 1.62 -15.17	26.88 1.27 -14.95
PORT_JEFF_3 23555	27.46 0.63 -22.48	21.40 0.52 -17.33	20.25 0.46 -16.70	18.58 0.43 -15.05	19.51 0.46 -15.95	22.05 0.42 -18.72	30.93 0.88 -24.09	41.83 0.77 -36.04	44.25 1.22 -35.10	40.63 0.48 -37.05	58.66 0.49 -55.11	42.50 0.46 -39.13	41.53 0.18 -40.26	41.08 0.17 -39.83	40.28 0.30 -38.11	40.56 0.31 -38.29	43.27 0.34 -40.80	45.59 2.73 -24.33	42.54 2.57 -22.50	41.70 2.62 -21.39	50.17 2.79 -28.13	39.99 2.78 -18.43	36.40 1.90 -21.29	27.90 1.47 -15.76



PORT_JEFF_4 23616	27.46 0.63 -22.48	21.40 0.52 -17.33	20.25 0.46 -16.70	18.58 0.43 -15.05	19.51 0.46 -15.95	22.05 0.42 -18.72	30.93 0.88 -24.09	41.83 0.77 -36.04	44.25 1.22 -35.10	40.63 0.48 -37.05	58.66 0.49 -55.11	42.50 0.46 -39.13	41.53 0.18 -40.26	41.08 0.17 -39.83	40.28 0.30 -38.11	40.56 0.31 -38.29	43.27 0.34 -40.80	45.59 2.73 -24.33	42.54 2.57 -22.50	41.70 2.62 -21.39	50.17 2.79 -28.13	39.99 2.78 -18.43	36.40 1.90 -21.29	27.90 1.47 -15.76
PORT_JEFF_IC 23713	27.47 0.64 -22.48	21.40 0.52 -17.33	20.26 0.46 -16.70	18.58 0.43 -15.05	19.51 0.46 -15.95	22.05 0.42 -18.72	30.93 0.89 -24.09	41.84 0.78 -36.04	44.26 1.23 -35.09	40.63 0.48 -37.05	58.66 0.50 -55.09	42.51 0.47 -39.13	41.53 0.18 -40.26	41.08 0.18 -39.83	40.29 0.31 -38.11	40.56 0.32 -38.29	43.26 0.34 -40.79	45.60 2.74 -24.32	42.55 2.58 -22.50	41.69 2.62 -21.39	50.14 2.77 -28.12	40.03 2.84 -18.42	36.42 1.93 -21.28	27.90 1.48 -15.76
PPL PILGRIM_ST_GT1 24216	27.47 0.65 -22.47	21.42 0.54 -17.33	20.27 0.47 -16.70	18.60 0.45 -15.05	19.52 0.47 -15.95	22.06 0.43 -18.72	30.96 0.92 -24.08	41.85 0.80 -36.03	44.28 1.26 -35.08	40.66 0.50 -37.06	58.61 0.49 -55.06	42.50 0.46 -39.13	41.53 0.18 -40.26	41.08 0.17 -39.83	40.28 0.30 -38.11	40.53 0.31 -38.28	43.22 0.33 -40.76	45.54 2.69 -24.32	42.49 2.53 -22.49	41.61 2.56 -21.36	50.11 2.77 -28.09	39.85 2.68 -18.39	36.40 1.94 -21.25	27.93 1.50 -15.76
PPL PILGRIM_ST_GT2 24217	27.47 0.65 -22.47	21.42 0.54 -17.33	20.27 0.47 -16.70	18.60 0.45 -15.05	19.52 0.47 -15.95	22.06 0.43 -18.72	30.96 0.92 -24.08	41.85 0.80 -36.03	44.28 1.26 -35.08	40.66 0.50 -37.06	58.61 0.49 -55.06	42.50 0.46 -39.13	41.53 0.18 -40.26	41.08 0.17 -39.83	40.28 0.30 -38.11	40.53 0.31 -38.28	43.22 0.33 -40.76	45.54 2.69 -24.32	42.49 2.53 -22.49	41.61 2.56 -21.36	50.11 2.77 -28.09	39.85 2.68 -18.39	36.40 1.94 -21.25	27.93 1.50 -15.76
PPL_SHRM_GT3 24213	27.41 0.58 -22.48	21.36 0.48 -17.33	20.24 0.44 -16.70	18.54 0.39 -15.05	19.49 0.44 -15.95	22.02 0.39 -18.72	30.86 0.81 -24.09	41.78 0.72 -36.04	44.16 1.13 -35.09	40.59 0.44 -37.05	58.62 0.46 -55.10	42.47 0.43 -39.13	41.52 0.16 -40.26	41.06 0.16 -39.83	40.26 0.28 -38.11	40.53 0.29 -38.29	43.24 0.32 -40.80	45.43 2.58 -24.33	42.40 2.43 -22.50	41.57 2.49 -21.39	50.07 2.69 -28.13	39.83 2.63 -18.43	36.28 1.78 -21.29	27.78 1.35 -15.76
PPL_SHRM_GT4 24214	27.41 0.58 -22.48	21.36 0.48 -17.33	20.24 0.44 -16.70	18.54 0.39 -15.05	19.49 0.44 -15.95	22.02 0.39 -18.72	30.86 0.81 -24.09	41.78 0.72 -36.04	44.16 1.13 -35.09	40.59 0.44 -37.05	58.62 0.46 -55.10	42.47 0.43 -39.13	41.52 0.16 -40.26	41.06 0.16 -39.83	40.26 0.28 -38.11	40.53 0.29 -38.29	43.24 0.32 -40.80	45.43 2.58 -24.33	42.40 2.43 -22.50	41.57 2.49 -21.39	50.07 2.69 -28.13	39.83 2.63 -18.43	36.28 1.78 -21.29	27.78 1.35 -15.76
PROJECT___ORANGE 1 24174	5.64 0.04 -1.25	4.72 0.04 -1.14	4.23 0.03 -1.10	4.12 0.03 -0.99	4.18 0.03 -1.05	4.12 0.04 -1.17	10.73 0.09 -4.68	16.16 0.07 -11.08	19.34 0.10 -11.29	20.53 0.04 -17.39	20.66 0.05 -17.55	21.11 0.04 -18.15	17.36 0.02 -16.25	15.83 0.02 -14.74	11.95 0.03 -10.05	11.53 0.03 -9.55	10.27 0.03 -8.11	18.87 0.15 -0.19	17.87 0.14 -0.26	18.47 0.16 -0.63	20.30 0.17 -0.88	19.31 0.19 -0.35	13.80 0.05 -0.54	11.54 0.04 -0.83
PROJECT___ORANGE 2 24166	5.64 0.04 -1.25	4.72 0.04 -1.14	4.23 0.03 -1.10	4.12 0.03 -0.99	4.18 0.03 -1.05	4.12 0.04 -1.17	10.73 0.09 -4.68	16.16 0.07 -11.08	19.34 0.10 -11.29	20.53 0.04 -17.39	20.66 0.05 -17.55	21.11 0.04 -18.15	17.36 0.02 -16.25	15.83 0.02 -14.74	11.95 0.03 -10.05	11.53 0.03 -9.55	10.27 0.03 -8.11	18.87 0.15 -0.19	17.87 0.14 -0.26	18.47 0.16 -0.63	20.30 0.17 -0.88	19.31 0.19 -0.35	13.80 0.05 -0.54	11.54 0.04 -0.83
PYRITES___HYD 24023	4.03 -0.32 0.00	3.29 -0.26 0.00	2.86 -0.24 0.00	2.86 -0.23 0.00	2.85 -0.25 0.00	2.69 -0.22 0.00	6.84 -0.46 -1.35	8.40 -0.37 -3.75	11.29 -0.55 -3.90	8.59 -0.21 -5.69	8.69 -0.22 -5.85	9.14 -0.21 -6.44	6.63 -0.08 -5.62	6.31 -0.08 -5.32	4.43 -0.14 -2.70	4.28 -0.15 -2.48	4.05 -0.17 -2.09	16.64 -1.89 0.00	15.68 -1.78 0.00	15.60 -2.09 0.00	17.04 -2.21 0.00	16.58 -2.20 0.00	11.84 -1.37 0.00	9.70 -0.96 0.00
RAMAPO___LBMP 323565	22.69 0.48 -17.87	20.25 0.39 -16.32	19.18 0.34 -15.74	17.65 0.33 -14.22	18.40 0.34 -14.96	20.02 0.31 -16.80	26.83 0.67 -20.21	34.04 0.59 -28.43	35.12 0.94 -26.24	38.32 0.37 -34.85	38.57 0.37 -35.14	39.03 0.35 -35.77	37.89 0.13 -36.66	37.34 0.13 -36.13	37.71 0.23 -35.60	33.79 0.24 -31.61	29.58 0.26 -27.19	37.19 2.02 -16.64	33.92 1.90 -14.55	27.62 1.98 -7.95	32.49 2.16 -11.08	25.19 2.07 -4.35	21.43 1.43 -6.80	22.21 1.10 -10.45
RANKINE___ 23646	7.38 0.17 -2.86	6.33 0.17 -2.61	5.78 0.16 -2.52	5.53 0.15 -2.28	5.69 0.19 -2.40	5.76 0.16 -2.69	12.47 0.30 -6.21	18.10 0.25 -12.83	21.03 0.26 -12.82	37.62 0.10 -34.41	40.70 0.11 -37.53	39.67 0.11 -36.64	20.11 0.04 -18.97	18.52 0.05 -17.40	14.18 0.09 -12.21	13.79 0.09 -11.75	12.24 0.10 -10.01	19.39 0.46 -0.39	18.52 0.51 -0.55	19.50 0.51 -1.30	21.45 0.38 -1.82	19.96 0.47 -0.71	14.57 0.25 -1.11	12.40 0.02 -1.71
RAVENSWOOD_GT2_1 24244	23.79 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.51 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	36.98 2.46 -15.26	31.72 2.37 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT2_2 24245	23.79 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.51 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	36.98 2.46 -15.26	31.72 2.37 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT2_3 24246	23.79 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.51 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.18 0.69 -29.47	37.01 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.69 2.41 -21.74	38.68 2.27 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT2_4 24247	23.79 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.51 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.18 0.69 -29.47	37.01 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.69 2.41 -21.74	38.68 2.27 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66



RAVENSWOOD_GT3_1 24248	23.79 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.51 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT3_2 24249	23.79 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.51 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT3_3 24250	23.79 0.57 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.18 0.70 -29.47	37.01 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.16 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.71 2.43 -21.74	38.70 2.29 -18.95	34.64 2.32 -14.64	37.02 2.50 -15.26	31.76 2.40 -10.58	31.49 1.66 -16.61	27.61 1.29 -15.66
RAVENSWOOD_GT3_4 24251	23.79 0.57 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.18 0.70 -29.47	37.01 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.16 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.71 2.43 -21.74	38.70 2.29 -18.95	34.64 2.32 -14.64	37.02 2.50 -15.26	31.76 2.40 -10.58	31.49 1.66 -16.61	27.61 1.29 -15.66
RAVENSWOOD_GT_1 23729	23.82 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.52 0.39 -15.02	19.31 0.40 -15.81	21.02 0.37 -17.75	27.88 0.80 -21.12	35.18 0.70 -29.47	37.01 1.10 -27.96	39.60 0.44 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.70 2.29 -18.95	34.64 2.32 -14.64	37.02 2.50 -15.26	31.74 2.38 -10.58	31.49 1.66 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT_10 24258	23.78 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT_11 24259	23.78 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT_4 24252	23.78 0.56 -18.87	21.23 0.44 -17.24	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.01 0.35 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT_5 24254	23.78 0.56 -18.87	21.23 0.44 -17.24	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.01 0.35 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT_6 24253	23.78 0.56 -18.87	21.23 0.44 -17.24	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.01 0.35 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT_7 24255	23.78 0.56 -18.87	21.23 0.44 -17.24	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.01 0.35 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.78 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD_GT_9 24257	23.78 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.50 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD___1 23533	23.81 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.31 0.40 -15.81	21.02 0.37 -17.75	27.88 0.80 -21.12	35.18 0.70 -29.47	37.01 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.49 1.66 -16.61	27.59 1.27 -15.66
RAVENSWOOD___2 23534	23.81 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.37 -17.75	27.88 0.80 -21.12	35.18 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.47 1.65 -16.61	27.59 1.27 -15.66



RAVENSWOOD___3 23535	23.79 0.56 -18.87	21.23 0.45 -17.24	20.12 0.39 -16.63	18.51 0.38 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.17 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.67 2.39 -21.74	38.66 2.25 -18.95	34.61 2.28 -14.64	37.00 2.48 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.60 1.28 -15.66
RAVENSWOOD___4 23820	23.81 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.18 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.66 2.25 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.47 1.65 -16.61	27.59 1.27 -15.66
RCPL_TRUST___DRP 24196	23.78 0.56 -18.87	21.22 0.44 -17.23	20.11 0.39 -16.62	18.50 0.38 -15.02	19.29 0.39 -15.80	21.01 0.35 -17.74	27.86 0.79 -21.12	35.15 0.69 -29.44	36.58 1.10 -27.53	39.53 0.43 -36.00	40.84 0.43 -37.35	42.17 0.41 -38.85	41.47 0.16 -40.22	41.02 0.15 -39.80	40.23 0.27 -38.09	37.82 0.28 -35.59	36.09 0.30 -33.66	42.56 2.41 -21.62	38.45 2.27 -18.72	31.59 2.30 -11.60	35.25 2.48 -13.52	28.84 2.38 -7.67	26.89 1.65 -12.03	25.34 1.28 -13.40
RENSSELAER___COGEN 23796	29.95 0.23 -25.37	26.91 0.19 -23.17	25.62 0.17 -22.35	23.46 0.17 -20.19	24.52 0.17 -21.25	26.92 0.16 -23.85	33.25 0.30 -27.00	40.93 0.25 -35.66	40.71 0.40 -32.36	44.09 0.16 -40.83	41.90 0.16 -38.68	33.27 0.15 -30.22	31.88 0.06 -30.73	31.81 0.05 -30.68	42.66 0.10 -40.69	42.70 0.11 -40.64	37.25 0.11 -35.01	23.96 0.80 -4.63	23.98 0.75 -5.77	29.81 0.74 -11.38	35.91 0.81 -15.86	25.81 0.81 -6.22	23.49 0.55 -9.73	26.06 0.44 -14.96
REVERE_CPPR_DRP 24186	4.47 0.12 0.00	3.64 0.09 0.00	3.18 0.08 0.00	3.17 0.07 0.00	3.17 0.07 0.00	2.99 0.08 0.00	9.90 0.18 -3.76	15.65 0.17 -10.47	19.10 0.27 -10.89	20.28 0.11 -17.06	20.51 0.10 -17.35	21.46 0.09 -18.45	17.46 0.04 -16.33	15.96 0.03 -14.85	10.95 0.05 -9.02	10.47 0.06 -8.46	9.35 0.06 -7.16	18.94 0.41 0.00	17.87 0.40 0.00	18.07 0.39 0.00	19.69 0.44 0.00	19.26 0.49 0.00	13.43 0.22 0.00	10.86 0.19 0.00
RIVERBAY___ 323610	23.84 0.61 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.04 0.38 -17.75	27.87 0.79 -21.12	35.15 0.68 -29.45	36.85 1.09 -27.82	39.57 0.43 -36.04	41.28 0.42 -37.80	42.18 0.40 -38.86	41.49 0.15 -40.24	41.04 0.15 -39.81	40.24 0.26 -38.10	39.56 0.28 -37.33	39.55 0.30 -37.13	42.57 2.34 -21.71	38.59 2.25 -18.87	33.64 2.28 -13.67	36.42 2.46 -14.71	30.80 2.37 -9.65	30.01 1.64 -15.16	26.85 1.25 -14.94
ROCHESTER_9_IC 23652	6.50 0.10 -2.05	5.52 0.10 -1.87	5.00 0.09 -1.81	4.81 0.08 -1.63	4.90 0.08 -1.72	4.93 0.09 -1.93	11.58 0.19 -5.44	17.09 0.13 -11.94	20.18 0.19 -12.05	20.72 0.06 -17.57	20.61 0.06 -17.49	20.80 0.06 -17.83	17.93 0.02 -16.81	16.36 0.02 -15.27	13.04 0.04 -11.12	12.64 0.04 -10.64	11.23 0.05 -9.05	19.06 0.24 -0.28	18.06 0.19 -0.40	18.88 0.25 -0.95	20.84 0.27 -1.32	19.63 0.34 -0.52	14.14 0.12 -0.81	11.92 0.01 -1.25
ROSETON___1 23587	22.56 0.41 -17.80	20.14 0.33 -16.26	19.08 0.29 -15.68	17.56 0.29 -14.17	18.30 0.29 -14.91	19.92 0.27 -16.74	26.68 0.58 -20.15	33.89 0.51 -28.36	34.94 0.80 -26.19	37.90 0.31 -34.48	37.20 0.31 -33.82	34.20 0.30 -30.99	32.41 0.11 -31.20	31.80 0.11 -30.61	35.38 0.19 -33.32	33.67 0.20 -31.52	29.46 0.22 -27.11	28.71 1.67 -8.50	27.21 1.59 -8.16	27.92 1.84 -8.39	32.95 2.00 -11.69	25.28 1.92 -4.59	21.70 1.32 -7.17	22.72 1.02 -11.03
ROSETON___2 23588	22.56 0.41 -17.80	20.14 0.33 -16.26	19.08 0.29 -15.68	17.56 0.29 -14.17	18.30 0.29 -14.91	19.92 0.27 -16.74	26.68 0.58 -20.15	33.89 0.51 -28.36	34.94 0.80 -26.19	37.90 0.31 -34.48	37.20 0.31 -33.82	34.20 0.30 -30.99	32.41 0.11 -31.20	31.80 0.11 -30.61	35.38 0.19 -33.32	33.67 0.20 -31.52	29.46 0.22 -27.11	28.71 1.67 -8.50	27.21 1.59 -8.16	27.92 1.84 -8.39	32.95 2.00 -11.69	25.28 1.92 -4.59	21.70 1.32 -7.17	22.72 1.02 -11.03
RUSSELL___1 23602	6.53 0.13 -2.05	5.54 0.11 -1.87	5.01 0.11 -1.81	4.83 0.10 -1.63	4.91 0.09 -1.72	4.95 0.11 -1.93	11.62 0.23 -5.44	17.12 0.16 -11.95	20.24 0.25 -12.05	20.76 0.07 -17.58	20.65 0.08 -17.51	20.83 0.08 -17.84	17.93 0.03 -16.81	16.37 0.03 -15.27	13.05 0.05 -11.12	12.65 0.05 -10.64	11.25 0.06 -9.05	19.15 0.33 -0.28	18.15 0.28 -0.40	18.99 0.35 -0.95	20.98 0.40 -1.33	19.77 0.47 -0.52	14.22 0.20 -0.81	11.98 0.06 -1.25
RUSSELL___2 23532	6.53 0.13 -2.05	5.54 0.11 -1.87	5.01 0.11 -1.81	4.83 0.10 -1.63	4.91 0.09 -1.72	4.95 0.11 -1.93	11.62 0.23 -5.44	17.12 0.16 -11.95	20.24 0.25 -12.05	20.76 0.07 -17.58	20.65 0.08 -17.51	20.83 0.08 -17.84	17.93 0.03 -16.81	16.37 0.03 -15.27	13.05 0.05 -11.12	12.65 0.05 -10.64	11.25 0.06 -9.05	19.15 0.33 -0.28	18.15 0.28 -0.40	18.99 0.35 -0.95	20.98 0.40 -1.33	19.77 0.47 -0.52	14.22 0.20 -0.81	11.98 0.06 -1.25
RUSSELL___3 23549	6.53 0.13 -2.05	5.54 0.11 -1.87	5.01 0.11 -1.81	4.83 0.10 -1.63	4.91 0.09 -1.72	4.95 0.11 -1.93	11.62 0.23 -5.44	17.12 0.16 -11.95	20.24 0.25 -12.05	20.76 0.07 -17.58	20.65 0.08 -17.51	20.83 0.08 -17.84	17.93 0.03 -16.81	16.37 0.03 -15.27	13.05 0.05 -11.12	12.65 0.05 -10.64	11.25 0.06 -9.05	19.15 0.33 -0.28	18.15 0.28 -0.40	18.99 0.35 -0.95	20.98 0.40 -1.33	19.77 0.47 -0.52	14.22 0.20 -0.81	11.98 0.06 -1.25
RUSSELL___4 23556	6.53 0.13 -2.05	5.54 0.11 -1.87	5.01 0.11 -1.81	4.83 0.10 -1.63	4.91 0.09 -1.72	4.95 0.11 -1.93	11.62 0.23 -5.44	17.12 0.16 -11.95	20.24 0.25 -12.05	20.76 0.07 -17.58	20.65 0.08 -17.51	20.83 0.08 -17.84	17.93 0.03 -16.81	16.37 0.03 -15.27	13.05 0.05 -11.12	12.65 0.05 -10.64	11.25 0.06 -9.05	19.15 0.33 -0.28	18.15 0.28 -0.40	18.99 0.35 -0.95	20.98 0.40 -1.33	19.77 0.47 -0.52	14.22 0.20 -0.81	11.98 0.06 -1.25
RUSSELL___STATION 23914	6.53 0.13 -2.05	5.54 0.11 -1.87	5.01 0.11 -1.81	4.83 0.10 -1.63	4.91 0.09 -1.72	4.95 0.11 -1.93	11.62 0.23 -5.44	17.12 0.16 -11.95	20.24 0.25 -12.05	20.76 0.07 -17.58	20.65 0.08 -17.51	20.83 0.08 -17.84	17.93 0.03 -16.81	16.37 0.03 -15.27	13.05 0.05 -11.12	12.65 0.05 -10.64	11.25 0.06 -9.05	19.15 0.33 -0.28	18.15 0.28 -0.40	18.99 0.35 -0.95	20.98 0.40 -1.33	19.77 0.47 -0.52	14.22 0.20 -0.81	11.98 0.06 -1.25
S SALMON___HYD 24043	5.21 -0.07 -0.93	4.34 -0.06 -0.85	3.87 -0.06 -0.82	3.78 -0.06 -0.74	3.82 -0.06 -0.78	3.74 -0.05 -0.88	10.09 -0.07 -4.20	15.20 -0.06 -10.25	18.33 -0.09 -10.49	19.29 -0.03 -16.22	19.42 -0.04 -16.40	19.94 -0.04 -17.07	16.32 -0.01 -15.24	14.87 -0.02 -13.81	11.05 -0.03 -9.21	10.65 -0.03 -8.73	9.51 -0.03 -7.41	18.31 -0.37 -0.14	17.32 -0.35 -0.20	17.80 -0.37 -0.49	19.55 -0.38 -0.69	18.71 -0.34 -0.27	13.31 -0.32 -0.42	11.05 -0.26 -0.65



SAWYER_23_KV_LOAD_REV_LBMP_A 345024	7.19 0.11 -2.73	6.17 0.12 -2.49	5.63 0.12 -2.41	5.39 0.12 -2.17	5.53 0.15 -2.29	5.60 0.12 -2.57	12.25 0.20 -6.09	17.86 0.15 -12.69	20.74 0.10 -12.70	52.16 0.04 -49.02	58.27 0.05 -55.17	56.43 0.05 -53.48	21.45 0.02 -20.34	19.80 0.02 -18.70	13.96 0.05 -12.04	13.58 0.05 -11.57	12.05 0.06 -9.86	19.02 0.11 -0.37	18.15 0.16 -0.53	19.09 0.16 -1.25	20.99 0.00 -1.74	19.57 0.11 -0.68	14.29 0.01 -1.07	12.16 -0.14 -1.64
SELKIRK___I 23801	29.34 0.26 -24.73	26.35 0.21 -22.59	25.08 0.19 -21.79	22.97 0.19 -19.69	24.00 0.19 -20.71	26.34 0.17 -23.26	32.73 0.35 -26.43	40.37 0.29 -35.06	40.26 0.46 -31.86	43.58 0.18 -40.30	41.45 0.18 -38.21	33.07 0.17 -29.99	31.59 0.06 -30.43	31.46 0.06 -30.33	41.99 0.11 -40.00	42.17 0.12 -40.10	36.80 0.13 -34.54	23.72 0.87 -4.31	23.78 0.82 -5.49	29.74 0.81 -11.24	35.80 0.89 -15.66	25.79 0.86 -6.15	23.43 0.61 -9.61	25.91 0.47 -14.77
SELKIRK___II 23799	29.38 0.26 -24.77	26.38 0.21 -22.62	25.11 0.19 -21.82	23.00 0.19 -19.72	24.04 0.19 -20.75	26.38 0.17 -23.29	32.76 0.35 -26.46	40.40 0.29 -35.10	40.29 0.46 -31.89	43.62 0.18 -40.34	41.48 0.18 -38.24	33.09 0.17 -30.01	31.61 0.06 -30.45	31.49 0.06 -30.35	42.01 0.11 -40.03	42.20 0.12 -40.13	36.83 0.13 -34.57	23.64 0.87 -4.24	23.72 0.82 -5.44	29.75 0.81 -11.25	35.81 0.89 -15.68	25.79 0.86 -6.15	23.44 0.61 -9.62	25.92 0.47 -14.79
SENECA OSWGO___HYD 24041	5.52 -0.01 -1.18	4.62 -0.01 -1.08	4.13 -0.01 -1.04	4.02 -0.01 -0.94	4.08 -0.01 -0.99	4.02 0.00 -1.11	10.44 0.02 -4.46	15.61 0.00 -10.59	18.74 0.00 -10.80	19.79 0.00 -16.69	19.91 0.00 -16.85	20.33 0.00 -17.42	16.69 0.00 -15.60	15.18 0.00 -14.10	11.48 0.00 -9.61	11.08 0.00 -9.13	9.88 0.00 -7.75	18.61 -0.09 -0.17	17.62 -0.09 -0.24	18.22 -0.05 -0.59	20.02 -0.06 -0.82	19.06 -0.04 -0.32	13.62 -0.09 -0.51	11.37 -0.07 -0.78
SENECA___ENERGY 23797	6.77 0.08 -2.34	5.75 0.07 -2.13	5.22 0.06 -2.06	5.01 0.06 -1.86	5.12 0.06 -1.96	5.18 0.07 -2.20	11.81 0.17 -5.69	17.33 0.12 -12.19	20.36 0.17 -12.25	21.70 0.07 -18.53	21.72 0.07 -18.59	21.75 0.07 -18.77	18.10 0.03 -16.97	16.57 0.03 -15.47	13.37 0.05 -11.45	12.98 0.05 -10.98	11.53 0.06 -9.35	19.19 0.33 -0.33	18.24 0.31 -0.46	19.01 0.34 -0.99	20.98 0.35 -1.38	19.68 0.36 -0.54	14.20 0.15 -0.85	12.07 0.10 -1.31
SHOEMAKER___GT 23640	21.56 0.40 -16.81	19.22 0.32 -15.35	18.20 0.28 -14.81	16.76 0.28 -13.38	17.47 0.29 -14.08	18.98 0.26 -15.81	25.77 0.57 -19.24	32.90 0.49 -27.39	34.08 0.77 -25.37	37.18 0.30 -33.77	37.15 0.30 -33.78	36.63 0.29 -33.43	35.14 0.11 -33.94	34.50 0.11 -33.32	35.48 0.19 -33.42	32.41 0.19 -30.26	28.36 0.21 -26.02	33.14 1.57 -13.03	30.55 1.48 -11.60	26.73 1.63 -7.42	31.36 1.77 -10.34	24.53 1.69 -4.06	20.73 1.18 -6.35	21.33 0.91 -9.76
SHOREHAM_IC_1 23715	27.41 0.58 -22.48	21.36 0.48 -17.33	20.24 0.44 -16.70	18.54 0.39 -15.05	19.49 0.44 -15.95	22.02 0.39 -18.72	30.86 0.81 -24.09	41.78 0.72 -36.04	44.16 1.13 -35.09	40.59 0.44 -37.05	58.62 0.46 -55.10	42.47 0.43 -39.13	41.52 0.16 -40.26	41.06 0.16 -39.83	40.26 0.28 -38.11	40.53 0.29 -38.29	43.24 0.32 -40.80	45.43 2.58 -24.33	42.40 2.43 -22.50	41.57 2.49 -21.39	50.07 2.69 -28.13	39.83 2.63 -18.43	36.28 1.78 -21.29	27.78 1.35 -15.76
SHOREHAM_IC_2 23716	27.41 0.58 -22.48	21.36 0.48 -17.33	20.24 0.44 -16.70	18.54 0.39 -15.05	19.49 0.44 -15.95	22.02 0.39 -18.72	30.86 0.81 -24.09	41.78 0.72 -36.04	44.16 1.13 -35.09	40.59 0.44 -37.05	58.62 0.46 -55.10	42.47 0.43 -39.13	41.52 0.16 -40.26	41.06 0.16 -39.83	40.26 0.28 -38.11	40.53 0.29 -38.29	43.24 0.32 -40.80	45.43 2.58 -24.33	42.40 2.43 -22.50	41.57 2.49 -21.39	50.07 2.69 -28.13	39.83 2.63 -18.43	36.28 1.78 -21.29	27.78 1.35 -15.76
SISSONVILLE____ 23735	3.99 -0.36 0.00	3.25 -0.30 0.00	2.83 -0.27 0.00	2.83 -0.26 0.00	2.82 -0.28 0.00	2.67 -0.24 0.00	6.80 -0.54 -1.38	8.43 -0.43 -3.84	11.29 -0.65 -4.00	8.70 -0.25 -5.85	8.82 -0.25 -6.01	9.28 -0.24 -6.61	6.77 -0.09 -5.77	6.43 -0.09 -5.45	5.02 -0.16 -3.31	4.88 -0.17 -3.11	4.57 -0.19 -2.63	16.44 -2.09 0.00	15.49 -1.97 0.00	15.42 -2.26 0.00	16.82 -2.43 0.00	16.37 -2.40 0.00	11.70 -1.51 0.00	9.61 -1.06 0.00
SITHE_IND_GS1 24169	5.28 -0.05 -0.99	4.41 -0.04 -0.90	3.94 -0.03 -0.87	3.85 -0.04 -0.78	3.89 -0.04 -0.83	3.81 -0.03 -0.93	10.13 -0.05 -4.23	15.21 -0.06 -10.25	18.34 -0.09 -10.48	19.38 -0.03 -16.31	19.51 -0.03 -16.48	19.98 -0.03 -17.10	16.37 -0.01 -15.29	14.83 -0.01 -13.77	11.09 -0.02 -9.23	10.69 -0.02 -8.76	9.54 -0.02 -7.43	18.40 -0.28 -0.15	17.41 -0.26 -0.21	17.93 -0.25 -0.49	19.65 -0.29 -0.69	18.78 -0.26 -0.27	13.42 -0.21 -0.42	11.13 -0.18 -0.65
SITHE_IND_GS2 24170	5.28 -0.05 -0.99	4.41 -0.04 -0.90	3.94 -0.03 -0.87	3.85 -0.04 -0.78	3.89 -0.04 -0.83	3.81 -0.03 -0.93	10.13 -0.05 -4.23	15.21 -0.06 -10.25	18.34 -0.09 -10.48	19.38 -0.03 -16.31	19.51 -0.03 -16.48	19.98 -0.03 -17.10	16.37 -0.01 -15.29	14.83 -0.01 -13.77	11.09 -0.02 -9.23	10.69 -0.02 -8.76	9.54 -0.02 -7.43	18.40 -0.28 -0.15	17.41 -0.26 -0.21	17.93 -0.25 -0.49	19.65 -0.29 -0.69	18.78 -0.26 -0.27	13.42 -0.21 -0.42	11.13 -0.18 -0.65
SITHE_IND_GS3 24171	5.28 -0.05 -0.99	4.41 -0.04 -0.90	3.94 -0.03 -0.87	3.85 -0.04 -0.78	3.89 -0.04 -0.83	3.81 -0.03 -0.93	10.13 -0.05 -4.23	15.21 -0.06 -10.25	18.34 -0.09 -10.48	19.38 -0.03 -16.31	19.51 -0.03 -16.48	19.98 -0.03 -17.10	16.37 -0.01 -15.29	14.83 -0.01 -13.77	11.09 -0.02 -9.23	10.69 -0.02 -8.76	9.54 -0.02 -7.43	18.40 -0.28 -0.15	17.41 -0.26 -0.21	17.93 -0.25 -0.49	19.65 -0.29 -0.69	18.78 -0.26 -0.27	13.42 -0.21 -0.42	11.13 -0.18 -0.65
SITHE_IND_GS4 24172	5.28 -0.05 -0.99	4.41 -0.04 -0.90	3.94 -0.03 -0.87	3.85 -0.04 -0.78	3.89 -0.04 -0.83	3.81 -0.03 -0.93	10.13 -0.05 -4.23	15.21 -0.06 -10.25	18.34 -0.09 -10.48	19.38 -0.03 -16.31	19.51 -0.03 -16.48	19.98 -0.03 -17.10	16.37 -0.01 -15.29	14.83 -0.01 -13.77	11.09 -0.02 -9.23	10.69 -0.02 -8.76	9.54 -0.02 -7.43	18.40 -0.28 -0.15	17.41 -0.26 -0.21	17.93 -0.25 -0.49	19.65 -0.29 -0.69	18.78 -0.26 -0.27	13.42 -0.21 -0.42	11.13 -0.18 -0.65
SITHE___BATAVIA 24024	6.91 0.14 -2.42	5.89 0.14 -2.21	5.37 0.14 -2.13	5.15 0.13 -1.92	5.27 0.14 -2.02	5.32 0.14 -2.27	12.00 0.26 -5.79	17.54 0.18 -12.35	20.54 0.20 -12.40	23.35 0.07 -20.19	23.66 0.07 -20.53	23.59 0.07 -20.61	18.41 0.03 -17.29	16.86 0.03 -15.76	13.55 0.06 -11.62	13.15 0.06 -11.14	11.68 0.07 -9.48	19.11 0.24 -0.33	18.18 0.24 -0.47	19.06 0.27 -1.11	21.01 0.21 -1.55	19.72 0.34 -0.61	14.28 0.12 -0.95	12.09 -0.03 -1.46
SITHE___INDEPEND 23800	5.28 -0.05 -0.99	4.41 -0.04 -0.90	3.94 -0.03 -0.87	3.85 -0.04 -0.78	3.89 -0.04 -0.83	3.81 -0.03 -0.93	10.13 -0.05 -4.23	15.21 -0.06 -10.25	18.34 -0.09 -10.48	19.38 -0.03 -16.31	19.51 -0.03 -16.48	19.98 -0.03 -17.10	16.37 -0.01 -15.29	14.83 -0.01 -13.77	11.09 -0.02 -9.23	10.69 -0.02 -8.76	9.54 -0.02 -7.43	18.40 -0.28 -0.15	17.41 -0.26 -0.21	17.93 -0.25 -0.49	19.65 -0.29 -0.69	18.78 -0.26 -0.27	13.42 -0.21 -0.42	11.13 -0.18 -0.65



SITHE___MASSENA 23902	3.64 -0.20 0.51	2.93 -0.16 0.47	2.51 -0.14 0.45	2.55 -0.14 0.41	2.52 -0.15 0.43	2.30 -0.13 0.48	6.17 -0.30 -0.52	7.03 -0.24 -2.25	10.01 -0.37 -2.43	6.96 -0.14 -4.00	7.05 -0.14 -4.13	7.41 -0.13 -4.63	5.06 -0.05 -3.59	4.62 -0.05 -0.09	3.52 -0.09 -1.73	3.42 -0.10 -1.57	3.34 -0.11 -1.32	17.24 -1.30 0.00	16.24 -1.22 0.00	16.22 -1.47 0.00	17.69 -1.56 0.00	17.20 -1.58 0.00	12.26 -0.95 0.00	10.01 -0.65 0.00
SITHE___OGDNSBRG 24021	3.67 -0.21 0.47	2.95 -0.17 0.43	2.53 -0.16 0.41	2.57 -0.15 0.37	2.54 -0.17 0.39	2.33 -0.15 0.44	6.39 -0.32 -0.76	7.62 -0.25 -2.84	10.61 -0.37 -3.04	7.89 -0.14 -4.93	7.99 -0.15 -5.07	8.39 -0.14 -5.62	5.93 -0.05 -4.89	5.42 -0.05 -4.40	4.04 -0.10 -2.26	3.92 -0.11 -2.07	3.75 -0.12 -1.74	17.09 -1.45 0.00	16.12 -1.34 0.00	16.02 -1.66 0.00	17.48 -1.77 0.00	17.01 -1.77 0.00	12.13 -1.08 0.00	9.94 -0.73 0.00
SITHE___STERLING 23777	4.46 0.11 0.00	3.63 0.09 0.00	3.17 0.07 0.00	3.17 0.07 0.00	3.17 0.07 0.00	2.98 0.07 0.00	9.92 0.18 -3.79	15.72 0.15 -10.55	19.17 0.25 -10.98	20.43 0.10 -17.23	20.68 0.10 -17.52	21.63 0.09 -18.63	17.61 0.03 -16.49	16.08 0.03 -14.97	11.02 0.05 -9.10	10.54 0.05 -8.53	9.41 0.06 -7.22	18.99 0.41 -0.05	17.94 0.40 -0.08	18.25 0.39 -0.18	19.94 0.44 -0.25	19.34 0.47 -0.10	13.60 0.24 -0.15	11.09 0.19 -0.24
SOUTH CAIRO___GT 23612	25.59 0.38 -20.86	22.91 0.31 -19.05	21.76 0.27 -18.38	19.98 0.27 -16.61	20.85 0.28 -17.47	22.78 0.25 -19.62	29.45 0.57 -22.93	36.85 0.49 -31.34	37.40 0.75 -28.71	40.62 0.29 -37.22	39.73 0.29 -36.37	35.96 0.27 -32.78	34.59 0.10 -33.40	34.22 0.10 -33.05	39.42 0.17 -37.37	37.59 0.18 -35.46	32.85 0.19 -30.53	30.15 1.48 -10.13	28.62 1.41 -9.74	28.72 1.52 -9.52	34.15 1.64 -13.26	25.54 1.56 -5.20	22.43 1.08 -8.13	23.99 0.82 -12.51
SOUTH HAMPTN___IC 23720	27.52 0.69 -22.48	21.45 0.56 -17.33	20.30 0.51 -16.70	18.61 0.46 -15.05	19.56 0.51 -15.95	22.09 0.46 -18.72	31.02 0.98 -24.09	41.93 0.87 -36.04	44.41 1.37 -35.10	40.69 0.54 -37.05	58.73 0.56 -55.11	42.57 0.52 -39.13	41.55 0.20 -40.26	41.10 0.19 -39.83	40.32 0.34 -38.11	40.59 0.35 -38.29	43.31 0.38 -40.80	45.99 3.13 -24.33	42.90 2.93 -22.50	42.08 3.01 -21.39	50.65 3.27 -28.13	40.36 3.15 -18.43	36.61 2.11 -21.29	28.03 1.61 -15.76
SOUTHOLD___IC 23719	27.59 0.76 -22.48	21.50 0.62 -17.33	20.36 0.56 -16.70	18.67 0.52 -15.05	19.61 0.56 -15.95	22.15 0.52 -18.72	31.15 1.10 -24.09	42.04 0.98 -36.04	44.59 1.56 -35.10	40.76 0.61 -37.05	58.80 0.63 -55.11	42.63 0.59 -39.13	41.58 0.22 -40.26	41.12 0.22 -39.83	40.36 0.38 -38.11	40.64 0.40 -38.29	43.36 0.43 -40.80	46.42 3.56 -24.33	43.31 3.34 -22.50	42.47 3.40 -21.39	51.08 3.70 -28.13	40.76 3.55 -18.43	36.86 2.36 -21.29	28.21 1.79 -15.76
ST LAWRENCE___ 23600	3.64 -0.19 0.53	2.92 -0.15 0.48	2.50 -0.14 0.46	2.55 -0.13 0.42	2.52 -0.14 0.44	2.29 -0.13 0.49	6.10 -0.29 -0.43	6.80 -0.24 -2.02	9.78 -0.36 -2.20	6.60 -0.14 -3.64	6.69 -0.14 -3.77	7.03 -0.13 -4.25	4.72 -0.05 -3.67	4.30 -0.05 -3.28	3.31 -0.09 -1.53	3.23 -0.09 -1.38	3.18 -0.10 -1.15	17.38 -1.15 0.00	16.38 -1.08 0.00	16.46 -1.22 0.00	17.94 -1.31 0.00	17.46 -1.31 0.00	12.38 -0.83 0.00	10.06 -0.61 0.00
STATION 5_MISC_HYD 23604	6.50 0.10 -2.05	5.52 0.10 -1.87	5.00 0.09 -1.81	4.81 0.08 -1.63	4.90 0.08 -1.72	4.93 0.09 -1.93	11.58 0.19 -5.44	17.09 0.13 -11.94	20.18 0.19 -12.05	20.72 0.06 -17.57	20.61 0.06 -17.49	20.80 0.06 -17.83	17.93 0.02 -16.81	16.36 0.02 -15.27	13.04 0.04 -11.12	12.64 0.04 -10.64	11.23 0.05 -9.05	19.06 0.24 -0.28	18.06 0.19 -0.40	18.88 0.25 -0.95	20.84 0.27 -1.32	19.63 0.34 -0.52	14.14 0.12 -0.81	11.92 0.01 -1.25
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	6.45 0.11 -1.99	5.46 0.10 -1.82	4.94 0.09 -1.75	4.77 0.08 -1.58	4.85 0.08 -1.67	4.88 0.10 -1.87	11.54 0.21 -5.37	17.01 0.15 -11.84	20.12 0.23 -11.95	21.39 0.08 -18.21	21.44 0.08 -18.30	21.60 0.08 -18.61	17.90 0.03 -16.78	16.34 0.03 -15.24	12.94 0.05 -11.01	12.53 0.05 -10.53	11.15 0.06 -8.96	19.18 0.37 -0.28	18.19 0.33 -0.39	19.00 0.39 -0.93	20.97 0.42 -1.30	19.75 0.47 -0.51	14.21 0.21 -0.79	11.99 0.11 -1.22
STA_56_34_KV_BUS2_REV_LBMP_B 345033	6.47 0.10 -2.03	5.49 0.09 -1.85	4.97 0.08 -1.79	4.79 0.07 -1.61	4.87 0.07 -1.70	4.90 0.09 -1.91	11.55 0.18 -5.42	17.06 0.12 -11.92	20.14 0.17 -12.03	20.72 0.05 -17.56	20.61 0.06 -17.49	20.80 0.06 -17.84	17.91 0.02 -16.80	16.35 0.02 -15.25	13.00 0.04 -11.09	12.60 0.04 -10.61	11.20 0.05 -9.03	19.04 0.22 -0.28	18.04 0.17 -0.40	18.85 0.23 -0.94	20.81 0.25 -1.31	19.61 0.32 -0.51	14.12 0.11 -0.80	11.90 0.00 -1.23
STEEL___WIND 323596	7.38 0.17 -2.86	6.33 0.17 -2.61	5.79 0.16 -2.52	5.54 0.16 -2.28	5.69 0.19 -2.40	5.76 0.16 -2.69	12.47 0.31 -6.21	18.11 0.26 -12.83	21.04 0.27 -12.82	37.62 0.11 -34.41	40.70 0.12 -37.53	39.67 0.11 -36.64	20.11 0.04 -18.97	18.52 0.05 -17.40	14.18 0.09 -12.21	13.79 0.09 -11.75	12.25 0.11 -10.01	19.42 0.50 -0.39	18.56 0.54 -0.55	19.52 0.53 -1.30	21.47 0.40 -1.82	19.98 0.49 -0.71	14.59 0.26 -1.11	12.41 0.03 -1.71
STEBEN_REC_LFGE 323667	8.31 0.17 -3.79	7.16 0.15 -3.46	6.58 0.14 -3.34	6.24 0.13 -3.02	6.43 0.15 -3.17	6.62 0.14 -3.56	13.37 0.32 -7.09	19.11 0.25 -13.84	21.97 0.33 -13.69	26.71 0.13 -23.48	27.27 0.14 -24.06	26.58 0.14 -23.53	19.58 0.06 -18.43	18.10 0.06 -16.97	15.44 0.11 -13.45	15.07 0.11 -13.01	13.35 0.13 -11.10	19.86 0.81 -0.51	19.01 0.82 -0.72	20.26 0.87 -1.71	22.48 0.85 -2.38	20.59 0.88 -0.93	15.14 0.47 -1.46	13.21 0.30 -2.25
STONY___BROOK 24151	27.48 0.65 -22.48	21.41 0.53 -17.33	20.27 0.47 -16.70	18.59 0.44 -15.05	19.52 0.47 -15.95	22.06 0.43 -18.72	30.94 0.90 -24.09	41.85 0.80 -36.04	44.29 1.26 -35.09	40.65 0.50 -37.05	58.66 0.51 -55.09	42.52 0.48 -39.13	41.54 0.18 -40.26	41.09 0.18 -39.83	40.30 0.32 -38.11	40.56 0.33 -38.29	43.26 0.35 -40.79	45.67 2.82 -24.32	42.62 2.65 -22.50	41.75 2.69 -21.38	50.23 2.87 -28.12	40.07 2.87 -18.42	36.46 1.97 -21.28	27.94 1.51 -15.76
STURGEON_POOL_HYD 23609	24.36 0.45 -19.56	21.78 0.37 -17.86	20.66 0.32 -17.24	18.99 0.32 -15.57	19.81 0.32 -16.38	21.60 0.29 -18.39	28.35 0.64 -21.75	35.66 0.56 -30.08	36.47 0.88 -27.65	39.60 0.35 -36.15	39.02 0.35 -35.61	36.45 0.33 -33.21	35.03 0.12 -33.82	34.57 0.12 -33.37	38.31 0.21 -36.23	36.03 0.22 -33.86	31.51 0.24 -29.14	31.71 1.82 -11.36	29.78 1.73 -10.59	28.47 1.86 -8.92	33.69 2.00 -12.43	25.57 1.92 -4.88	22.17 1.33 -7.63	23.42 1.02 -11.73
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.03 0.45 -17.23	19.65 0.36 -15.74	18.60 0.32 -15.18	17.13 0.31 -13.72	17.85 0.32 -14.43	19.40 0.29 -16.20	26.21 0.63 -19.63	33.38 0.56 -27.80	34.54 0.88 -25.71	37.64 0.34 -34.19	37.70 0.34 -34.29	37.50 0.33 -34.26	36.12 0.12 -34.91	35.51 0.12 -34.32	36.32 0.21 -34.24	32.97 0.22 -30.80	28.86 0.24 -26.49	34.68 1.85 -14.29	31.87 1.76 -12.64	27.20 1.87 -7.64	31.94 2.04 -10.65	24.89 1.93 -4.18	21.09 1.35 -6.53	21.74 1.03 -10.05



SYNERGY___BIOGAS 323694	6.91 0.14 -2.42	5.89 0.14 -2.21	5.37 0.14 -2.13	5.15 0.13 -1.92	5.27 0.14 -2.02	5.32 0.14 -2.27	12.00 0.26 -5.79	17.54 0.18 -12.35	20.54 0.20 -12.40	23.35 0.07 -20.19	23.66 0.07 -20.53	23.59 0.07 -20.61	18.41 0.03 -17.29	16.86 0.03 -15.76	13.55 0.06 -11.62	13.15 0.06 -11.14	11.68 0.07 -9.48	19.11 0.24 -0.33	18.18 0.24 -0.47	19.06 0.27 -1.11	21.01 0.21 -1.55	19.72 0.34 -0.61	14.28 0.12 -0.95	12.09 -0.03 -1.46
SYRACUSE___ENERGY_ST1 323597	5.88 0.04 -1.49	4.94 0.03 -1.36	4.44 0.03 -1.31	4.31 0.02 -1.18	4.37 0.02 -1.25	4.34 0.03 -1.40	10.88 0.08 -4.84	16.23 0.06 -11.15	19.36 0.09 -11.33	20.53 0.03 -17.40	20.63 0.04 -17.53	20.96 0.04 -18.02	17.28 0.01 -16.17	15.74 0.01 -14.66	12.11 0.02 -10.21	11.70 0.02 -9.73	10.42 0.03 -8.27	18.86 0.11 -0.21	17.87 0.11 -0.30	18.59 0.16 -0.75	20.46 0.17 -1.04	19.37 0.19 -0.41	13.91 0.07 -0.64	11.69 0.04 -0.98
SYRACUSE___ENERGY_ST2 323598	5.88 0.04 -1.49	4.94 0.03 -1.36	4.44 0.03 -1.31	4.31 0.02 -1.18	4.37 0.02 -1.25	4.34 0.03 -1.40	10.88 0.08 -4.84	16.23 0.06 -11.15	19.36 0.09 -11.33	20.53 0.03 -17.40	20.63 0.04 -17.53	20.96 0.04 -18.02	17.28 0.01 -16.17	15.74 0.01 -14.66	12.11 0.02 -10.21	11.70 0.02 -9.73	10.42 0.03 -8.27	18.86 0.11 -0.21	17.87 0.11 -0.30	18.59 0.16 -0.75	20.46 0.17 -1.04	19.37 0.19 -0.41	13.91 0.07 -0.64	11.69 0.04 -0.98
SYRACUSE___POWER 24017	5.90 0.05 -1.50	4.96 0.04 -1.37	4.46 0.03 -1.32	4.32 0.03 -1.19	4.39 0.03 -1.26	4.36 0.04 -1.41	10.95 0.11 -4.89	16.38 0.08 -11.28	19.52 0.12 -11.46	20.72 0.05 -17.57	20.82 0.05 -17.71	21.16 0.05 -18.21	17.45 0.02 -16.34	15.92 0.02 -14.83	12.23 0.03 -10.33	11.82 0.03 -9.84	10.52 0.03 -8.36	18.94 0.19 -0.22	17.95 0.17 -0.31	18.62 0.19 -0.74	20.50 0.21 -1.03	19.39 0.21 -0.41	13.92 0.08 -0.63	11.70 0.06 -0.98
TRIGEN___CC 323695	26.93 0.60 -21.98	21.35 0.48 -17.32	20.21 0.42 -16.69	18.55 0.41 -15.05	19.45 0.42 -15.93	21.89 0.39 -18.59	30.48 0.84 -23.68	41.09 0.73 -35.34	43.10 1.15 -34.01	41.00 0.45 -37.44	56.04 0.45 -52.53	42.43 0.43 -39.09	41.52 0.16 -40.26	41.07 0.16 -39.83	40.26 0.28 -38.11	39.74 0.29 -37.50	41.42 0.32 -38.97	45.01 2.54 -23.94	41.81 2.39 -21.95	39.64 2.42 -19.53	47.68 2.62 -25.81	37.75 2.52 -16.45	34.22 1.76 -19.25	27.51 1.35 -15.50
UNION___PROCESSING_DRP 323587	6.51 0.10 -2.06	5.52 0.09 -1.88	5.00 0.08 -1.82	4.81 0.08 -1.64	4.90 0.08 -1.73	4.93 0.09 -1.94	11.58 0.18 -5.45	17.09 0.12 -11.95	20.16 0.17 -12.06	20.82 0.05 -17.68	20.73 0.05 -17.62	20.91 0.05 -17.95	17.94 0.02 -16.82	16.38 0.02 -15.28	13.05 0.04 -11.13	12.64 0.04 -10.65	11.24 0.04 -9.06	19.01 0.19 -0.29	18.03 0.16 -0.40	18.85 0.21 -0.95	20.79 0.21 -1.33	19.60 0.30 -0.52	14.12 0.09 -0.82	11.91 -0.01 -1.25
UPPER HUDSON___HYD 24058	31.84 0.14 -27.35	28.65 0.12 -24.98	27.30 0.11 -24.10	24.97 0.11 -21.77	26.11 0.11 -22.91	28.74 0.11 -25.72	34.98 0.24 -28.78	42.73 0.19 -37.52	42.18 0.33 -33.92	45.71 0.12 -42.48	43.42 0.10 -40.26	34.48 0.09 -31.48	33.44 0.04 -32.31	33.55 0.03 -32.45	45.37 0.05 -43.45	45.28 0.06 -43.27	39.48 0.06 -37.29	24.55 0.58 -5.44	24.54 0.54 -6.54	30.28 0.53 -12.07	36.64 0.58 -16.82	26.33 0.96 -6.60	24.12 0.59 -10.32	26.99 0.46 -15.86
UPPER RAQUET___HYD 24056	3.99 -0.36 0.00	3.25 -0.30 0.00	2.83 -0.27 0.00	2.83 -0.26 0.00	2.82 -0.28 0.00	2.67 -0.24 0.00	6.80 -0.54 -1.38	8.43 -0.43 -3.84	11.29 -0.65 -4.00	8.70 -0.25 -5.85	8.82 -0.25 -6.01	9.28 -0.24 -6.61	6.77 -0.09 -5.77	6.43 -0.09 -5.45	5.02 -0.16 -3.31	4.88 -0.17 -3.11	4.57 -0.19 -2.63	16.44 -2.09 0.00	15.49 -1.97 0.00	15.42 -2.26 0.00	16.82 -2.43 0.00	16.37 -2.40 0.00	11.70 -1.51 0.00	9.61 -1.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	11.92 0.30 -7.26	10.43 0.25 -6.63	9.71 0.22 -6.40	9.09 0.21 -5.78	9.39 0.21 -6.08	9.94 0.20 -6.83	16.93 0.45 -10.52	23.40 0.39 -17.99	25.98 0.61 -17.42	28.68 0.24 -25.34	28.36 0.23 -25.07	26.55 0.22 -23.42	22.45 0.08 -21.27	21.08 0.08 -19.93	20.51 0.14 -18.50	20.11 0.14 -18.02	17.71 0.16 -15.42	21.29 1.09 -1.66	20.45 1.05 -1.93	22.16 1.10 -3.38	25.14 1.17 -4.71	21.81 1.18 -1.85	16.85 0.75 -2.89	15.71 0.60 -4.45
VISCHER___FERRY HYD 24020	31.55 0.24 -26.95	28.36 0.20 -24.61	27.02 0.18 -23.75	24.73 0.18 -21.46	25.85 0.18 -22.57	28.42 0.17 -25.34	34.71 0.33 -28.42	42.44 0.27 -37.15	42.00 0.44 -33.61	45.40 0.17 -42.12	43.05 0.17 -39.82	33.82 0.16 -30.75	32.60 0.06 -31.45	32.67 0.06 -31.54	44.71 0.10 -42.74	44.79 0.11 -42.73	39.07 0.11 -36.82	24.23 0.91 -4.79	24.32 0.86 -6.00	30.48 0.85 -11.94	36.80 0.90 -16.64	26.25 0.94 -6.53	24.05 0.63 -10.21	26.85 0.49 -15.70
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.82 0.51 -17.96	20.36 0.41 -16.40	19.28 0.36 -15.82	17.75 0.36 -14.29	18.50 0.36 -15.04	20.13 0.33 -16.88	26.97 0.73 -20.29	34.17 0.64 -28.51	35.27 1.01 -26.32	38.45 0.40 -34.95	38.74 0.40 -35.28	39.37 0.38 -36.08	38.26 0.14 -37.02	37.72 0.14 -36.50	37.96 0.25 -35.84	33.93 0.26 -31.72	29.70 0.28 -27.29	37.86 2.19 -17.14	34.48 2.06 -14.96	27.81 2.14 -7.99	32.71 2.33 -11.13	25.36 2.21 -4.37	21.57 1.53 -6.83	22.35 1.18 -10.50
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.78 0.56 -18.87	21.22 0.44 -17.23	20.11 0.39 -16.62	18.50 0.38 -15.02	19.29 0.39 -15.80	21.01 0.35 -17.74	27.86 0.79 -21.12	35.15 0.69 -29.44	36.58 1.10 -27.53	39.53 0.43 -36.00	40.84 0.43 -37.35	42.17 0.41 -38.85	41.47 0.16 -40.22	41.02 0.15 -39.80	40.23 0.27 -38.09	37.82 0.28 -35.59	36.09 0.30 -33.66	42.56 2.41 -21.62	38.45 2.27 -18.72	31.59 2.30 -11.60	35.25 2.48 -13.52	28.84 2.38 -7.67	26.89 1.65 -12.03	25.34 1.28 -13.40
WADING RIVER_IC_1 23522	27.40 0.57 -22.48	21.35 0.47 -17.33	20.23 0.43 -16.70	18.53 0.38 -15.05	19.48 0.43 -15.95	22.01 0.38 -18.72	30.83 0.79 -24.09	41.76 0.70 -36.04	44.14 1.10 -35.10	40.58 0.43 -37.05	58.62 0.45 -55.11	42.46 0.42 -39.13	41.51 0.16 -40.26	41.06 0.16 -39.83	40.25 0.27 -38.11	40.53 0.28 -38.29	43.24 0.31 -40.80	45.34 2.48 -24.33	42.31 2.34 -22.50	41.47 2.39 -21.40	49.98 2.60 -28.13	39.74 2.53 -18.43	36.22 1.72 -21.29	27.72 1.30 -15.76
WADING RIVER_IC_2 23547	27.40 0.57 -22.48	21.35 0.47 -17.33	20.23 0.43 -16.70	18.53 0.38 -15.05	19.48 0.43 -15.95	22.01 0.38 -18.72	30.83 0.79 -24.09	41.76 0.70 -36.04	44.14 1.10 -35.10	40.58 0.43 -37.05	58.62 0.45 -55.11	42.46 0.42 -39.13	41.51 0.16 -40.26	41.06 0.16 -39.83	40.25 0.27 -38.11	40.53 0.28 -38.29	43.24 0.31 -40.80	45.34 2.48 -24.33	42.31 2.34 -22.50	41.47 2.39 -21.40	49.98 2.60 -28.13	39.74 2.53 -18.43	36.22 1.72 -21.29	27.72 1.30 -15.76
WADING RIVER_IC_3 23601	27.40 0.57 -22.48	21.35 0.47 -17.33	20.23 0.43 -16.70	18.53 0.38 -15.05	19.48 0.43 -15.95	22.01 0.38 -18.72	30.83 0.79 -24.09	41.76 0.70 -36.04	44.14 1.10 -35.10	40.58 0.43 -37.05	58.62 0.45 -55.11	42.46 0.42 -39.13	41.51 0.16 -40.26	41.06 0.16 -39.83	40.25 0.27 -38.11	40.53 0.28 -38.29	43.24 0.31 -40.80	45.34 2.48 -24.33	42.31 2.34 -22.50	41.47 2.39 -21.40	49.98 2.60 -28.13	39.74 2.53 -18.43	36.22 1.72 -21.29	27.72 1.30 -15.76



WALDEN___HYDRO 24148	23.11 0.47 -18.28	20.63 0.39 -16.70	19.55 0.34 -16.11	17.99 0.33 -14.55	18.75 0.34 -15.31	20.41 0.31 -17.19	27.22 0.68 -20.58	34.45 0.60 -28.83	35.47 0.94 -26.59	38.59 0.37 -35.11	38.47 0.37 -35.04	37.59 0.35 -34.33	36.27 0.13 -35.04	35.73 0.13 -34.53	37.51 0.23 -35.40	34.40 0.23 -32.22	30.10 0.26 -27.72	34.35 1.98 -13.83	31.73 1.87 -12.39	27.93 2.02 -8.23	32.89 2.17 -11.47	25.36 2.08 -4.50	21.69 1.44 -7.04	22.58 1.10 -10.82
WARRENSBURG___ 23737	31.84 0.14 -27.35	28.65 0.12 -24.98	27.30 0.11 -24.10	24.97 0.11 -21.77	26.11 0.11 -22.91	28.74 0.11 -25.72	34.98 0.24 -28.78	42.73 0.19 -37.52	42.18 0.33 -33.92	45.71 0.12 -42.48	43.42 0.10 -40.26	34.48 0.09 -31.48	33.44 0.04 -32.31	33.55 0.03 -32.45	45.37 0.05 -43.45	45.28 0.06 -43.27	39.48 0.06 -37.29	24.55 0.58 -5.44	24.54 0.54 -6.54	30.28 0.53 -12.07	36.64 0.58 -16.82	26.33 0.96 -6.60	24.12 0.59 -10.32	26.99 0.46 -15.86
WATERSIDE___6 8 9 23538	23.81 0.58 -18.88	21.25 0.46 -17.24	20.13 0.40 -16.63	18.51 0.39 -15.02	19.30 0.39 -15.81	21.02 0.36 -17.75	27.87 0.79 -21.12	35.18 0.69 -29.47	37.00 1.10 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.19 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.66 2.25 -18.95	34.62 2.30 -14.64	37.00 2.48 -15.26	31.72 2.37 -10.58	31.47 1.65 -16.61	27.59 1.27 -15.66
WDELAWARE___HYD 323627	24.18 0.56 -19.28	21.60 0.45 -17.60	20.48 0.39 -16.98	18.84 0.39 -15.35	19.64 0.40 -16.15	21.40 0.36 -18.13	28.26 0.82 -21.49	35.54 0.72 -29.80	36.47 1.12 -27.41	39.47 0.44 -35.93	39.02 0.44 -35.52	36.91 0.41 -33.59	35.49 0.15 -34.24	35.01 0.15 -33.79	38.24 0.26 -36.11	35.72 0.27 -33.50	31.25 0.30 -28.83	32.98 2.32 -12.13	30.81 2.18 -11.16	28.82 2.37 -8.77	34.03 2.56 -12.22	26.00 2.42 -4.80	22.40 1.69 -7.49	23.48 1.29 -11.52
WEST BABYLON___IC 23714	27.42 0.65 -22.42	21.41 0.53 -17.33	20.26 0.46 -16.69	18.59 0.44 -15.05	19.51 0.46 -15.95	22.04 0.43 -18.70	30.92 0.92 -24.04	41.80 0.80 -35.98	44.18 1.26 -34.97	40.75 0.50 -37.15	58.35 0.49 -54.80	42.49 0.46 -39.13	41.53 0.17 -40.26	41.08 0.17 -39.83	40.28 0.30 -38.11	40.45 0.31 -38.20	43.05 0.34 -40.58	45.52 2.71 -24.28	42.45 2.55 -22.44	41.46 2.60 -21.17	49.90 2.79 -27.85	39.68 2.70 -18.20	36.16 1.90 -21.05	27.93 1.49 -15.78
WEST CANADA___HYD 24049	3.25 0.04 1.14	2.54 0.03 1.04	2.12 0.03 1.01	2.22 0.03 0.91	2.17 0.03 0.96	1.86 0.03 1.07	9.07 0.05 -3.06	15.36 0.05 -10.29	18.93 0.07 -10.92	20.19 0.04 -17.05	20.61 0.03 -17.51	22.23 0.03 -19.29	17.93 0.01 -16.82	16.58 0.01 -15.50	10.30 0.02 -8.41	9.74 0.02 -7.77	8.69 0.02 -6.54	18.60 0.15 0.09	17.48 0.14 0.12	17.55 0.16 0.29	19.02 0.17 0.41	18.78 0.17 0.16	13.06 0.11 0.25	10.35 0.08 0.39
WESTERN_NY_WIND 24143	6.92 0.14 -2.43	5.91 0.14 -2.22	5.38 0.14 -2.14	5.16 0.13 -1.93	5.28 0.14 -2.04	5.34 0.14 -2.29	12.02 0.26 -5.80	17.56 0.18 -12.36	20.55 0.20 -12.41	23.45 0.06 -20.29	23.78 0.07 -20.65	23.69 0.07 -20.72	18.43 0.03 -17.31	16.88 0.03 -15.78	13.57 0.06 -11.64	13.17 0.06 -11.16	11.70 0.07 -9.50	19.11 0.24 -0.33	18.18 0.24 -0.47	19.07 0.27 -1.12	21.02 0.21 -1.56	19.73 0.34 -0.61	14.28 0.12 -0.95	12.09 -0.04 -1.47
WESTOVER___LESR 323668	10.40 0.19 -5.86	9.06 0.16 -5.35	8.41 0.14 -5.16	7.90 0.14 -4.67	8.16 0.15 -4.91	8.56 0.13 -5.51	15.31 0.29 -9.07	21.38 0.24 -16.12	23.98 0.35 -15.69	27.10 0.14 -23.86	27.06 0.14 -23.85	25.71 0.13 -22.66	20.91 0.05 -19.77	19.53 0.05 -18.41	18.22 0.09 -16.26	17.89 0.09 -15.85	15.78 0.10 -13.55	19.98 0.67 -0.78	19.20 0.63 -1.10	20.99 0.67 -2.63	23.61 0.69 -3.67	20.89 0.67 -1.44	15.88 0.42 -2.25	14.44 0.31 -3.46
WETHRSFD_WT_PWR 323626	7.71 0.16 -3.20	6.63 0.15 -2.93	6.07 0.14 -2.82	5.79 0.14 -2.55	5.95 0.16 -2.68	6.07 0.14 -3.01	12.76 0.27 -6.54	18.43 0.21 -13.21	21.31 0.22 -13.15	32.97 0.09 -29.78	35.00 0.10 -31.84	34.12 0.09 -31.12	19.85 0.04 -18.72	18.30 0.04 -17.19	14.63 0.08 -12.67	14.25 0.08 -12.21	12.63 0.09 -10.41	19.41 0.44 -0.43	18.55 0.47 -0.61	19.62 0.48 -1.46	21.66 0.38 -2.03	20.02 0.45 -0.80	14.68 0.22 -1.24	12.63 0.05 -1.91
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.82 0.49 -17.98	20.37 0.40 -16.42	19.29 0.35 -15.84	17.75 0.34 -14.31	18.51 0.35 -15.06	20.14 0.32 -16.91	26.96 0.69 -20.31	34.17 0.61 -28.54	35.25 0.97 -26.34	38.46 0.38 -34.98	38.76 0.38 -35.32	39.43 0.36 -36.16	38.34 0.14 -37.11	37.80 0.13 -36.59	38.01 0.23 -35.90	33.95 0.24 -31.76	29.71 0.27 -27.32	37.88 2.09 -17.26	34.49 1.97 -15.05	27.72 2.03 -8.00	32.61 2.21 -11.14	25.25 2.10 -4.37	21.51 1.47 -6.84	22.31 1.13 -10.51
YORK___WARBASSE 23770	23.83 0.60 -18.88	21.26 0.48 -17.24	20.14 0.41 -16.63	18.52 0.40 -15.02	19.31 0.40 -15.81	21.03 0.37 -17.75	27.88 0.80 -21.12	35.19 0.70 -29.47	36.99 1.09 -27.96	39.60 0.43 -36.06	41.50 0.43 -38.01	42.20 0.41 -38.87	41.50 0.15 -40.25	41.05 0.15 -39.82	40.25 0.27 -38.11	40.38 0.28 -38.15	41.17 0.30 -38.73	42.65 2.37 -21.74	38.68 2.27 -18.95	34.64 2.32 -14.64	37.04 2.52 -15.26	31.74 2.38 -10.58	31.47 1.65 -16.61	27.56 1.24 -15.66