

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

04/24/2019

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	23.46	19.30	18.26	18.38	18.07	20.63	26.52	29.43	29.81	32.04	32.38	32.67	31.91	31.67	32.10	31.56	32.02	33.26	32.04	33.05	34.24	28.87	25.70	22.93
24138	0.76	0.66	0.47	0.52	0.58	0.73	1.44	1.66	1.74	1.79	1.87	1.83	1.78	1.77	1.78	1.78	1.87	2.03	2.10	2.40	2.55	2.39	1.85	1.52
	-15.24	-12.33	-13.36	-12.79	-11.44	-12.43	-11.80	-11.76	-11.78	-13.88	-13.82	-14.16	-13.99	-14.13	-14.30	-13.76	-13.29	-12.97	-10.87	-9.57	-9.47	-5.51	-6.20	-5.40
74TH STREET_GT_1	25.30	19.34	18.27	18.40	18.09	20.65	26.99	29.46	31.68	35.35	35.23	36.76	35.88	36.42	37.29	36.39	35.91	36.04	33.82	33.34	34.30	29.14	27.49	24.18
24260	0.76	0.66	0.47	0.52	0.58	0.74	1.44	1.68	1.78	1.82	1.89	1.85	1.79	1.78	1.81	1.79	1.90	2.04	2.13	2.42	2.60	2.41	1.87	1.52
	-17.08	-12.36	-13.38	-12.81	-11.44	-12.44	-12.26	-11.77	-13.61	-17.16	-16.65	-18.23	-17.94	-18.87	-19.46	-18.58	-17.15	-15.74	-12.62	-9.83	-9.48	-5.76	-7.98	-6.64
74TH STREET_GT_2	25.30	19.34	18.27	18.40	18.09	20.65	26.99	29.46	31.68	35.35	35.23	36.76	35.88	36.42	37.29	36.39	35.91	36.04	33.82	33.34	34.30	29.14	27.49	24.18
24261	0.76	0.66	0.47	0.52	0.58	0.74	1.44	1.68	1.78	1.82	1.89	1.85	1.79	1.78	1.81	1.79	1.90	2.04	2.13	2.42	2.60	2.41	1.87	1.52
	-17.08	-12.36	-13.38	-12.81	-11.44	-12.44	-12.26	-11.77	-13.61	-17.16	-16.65	-18.23	-17.94	-18.87	-19.46	-18.58	-17.15	-15.74	-12.62	-9.83	-9.48	-5.76	-7.98	-6.64
ADK HUDSON___FALLS	24.33	22.99	22.40	22.38	21.72	24.53	29.25	33.19	30.12	29.79	31.13	28.78	28.08	25.93	25.48	25.44	27.82	31.35	31.67	35.46	37.07	29.78	23.76	21.73
24011	0.54	0.40	0.30	0.40	0.53	0.61	1.20	1.49	1.86	1.79	1.90	1.83	1.76	1.50	1.49	1.44	1.55	1.75	1.87	2.17	2.22	1.99	1.68	1.22
	-16.34	-16.26	-17.66	-16.90	-15.13	-16.44	-14.77	-15.69	-11.97	-11.63	-12.54	-10.27	-10.19	-8.66	-7.97	-7.98	-9.42	-11.34	-10.74	-12.21	-12.63	-6.81	-4.44	-4.51
ADK RESOURCE___RCVRY	24.36	23.01	22.41	22.40	21.75	24.56	29.33	33.28	30.18	29.86	31.18	28.83	28.15	25.99	25.55	25.50	27.89	31.44	31.76	35.58	37.16	29.89	23.83	21.77
23798	0.55	0.42	0.31	0.41	0.55	0.63	1.26	1.57	1.92	1.85	1.95	1.88	1.82	1.56	1.55	1.51	1.62	1.84	1.95	2.28	2.31	2.10	1.75	1.25
	-16.35	-16.27	-17.67	-16.91	-15.14	-16.45	-14.77	-15.70	-11.97	-11.63	-12.54	-10.27	-10.19	-8.67	-7.98	-7.98	-9.42	-11.34	-10.74	-12.22	-12.64	-6.82	-4.44	-4.51
ADK S GLENS___FALLS	24.33	22.99	22.40	22.38	21.72	24.53	29.25	33.19	30.12	29.79	31.13	28.78	28.08	25.93	25.48	25.44	27.82	31.35	31.67	35.46	37.07	29.78	23.76	21.73
24028	0.54	0.40	0.30	0.40	0.53	0.61	1.20	1.49	1.86	1.79	1.90	1.83	1.76	1.50	1.49	1.44	1.55	1.75	1.87	2.17	2.22	1.99	1.68	1.22
	-16.34	-16.26	-17.66	-16.90	-15.13	-16.44	-14.77	-15.69	-11.97	-11.63	-12.54	-10.27	-10.19	-8.66	-7.97	-7.98	-9.42	-11.34	-10.74	-12.21	-12.63	-6.81	-4.44	-4.51
ADK_NYS___DAM	23.67	22.40	21.78	21.73	21.13	23.89	28.42	32.26	28.94	28.67	29.85	27.68	27.04	25.17	24.77	24.78	27.11	30.53	30.93	34.49	36.09	29.05	23.29	21.46
23527	0.35	0.29	0.20	0.24	0.38	0.45	0.80	1.03	1.16	1.13	1.12	1.15	1.06	1.04	1.06	1.06	1.13	1.28	1.45	1.56	1.62	1.47	1.34	1.07
	-15.86	-15.79	-17.15	-16.41	-14.69	-15.96	-14.33	-15.23	-11.49	-11.16	-12.04	-9.86	-9.83	-8.36	-7.70	-7.70	-9.13	-11.00	-10.42	-11.84	-12.25	-6.61	-4.30	-4.37
AIR_PRODUCTS___DRP	23.40	22.12	21.48	21.45	20.82	23.56	27.85	31.57	28.23	27.99	29.20	27.03	26.49	24.65	24.26	24.25	26.52	29.85	30.13	33.65	35.24	28.35	22.61	21.08
24190	0.39	0.32	0.23	0.28	0.35	0.43	0.48	0.59	0.68	0.67	0.72	0.70	0.68	0.66	0.67	0.66	0.69	0.78	0.82	0.93	0.98	0.88	0.74	0.77
	-15.56	-15.48	-16.82	-16.09	-14.41	-15.66	-14.08	-14.97	-11.25	-10.93	-11.79	-9.66	-9.67	-8.22	-7.57	-7.57	-8.97	-10.81	-10.24	-11.64	-12.05	-6.50	-4.23	-4.30
ALBANY___1	23.40	22.12	21.48	21.45	20.82	23.56	27.85	31.57	28.23	27.99	29.20	27.03	26.49	24.65	24.26	24.25	26.52	29.85	30.13	33.65	35.24	28.35	22.61	21.08
23571	0.39	0.32	0.23	0.28	0.35	0.43	0.48	0.59	0.68	0.67	0.72	0.70	0.68	0.66	0.67	0.66	0.69	0.78	0.82	0.93	0.98	0.88	0.74	0.77
	-15.56	-15.48	-16.82	-16.09	-14.41	-15.66	-14.08	-14.97	-11.25	-10.93	-11.79	-9.66	-9.67	-8.22	-7.57	-7.57	-8.97	-10.81	-10.24	-11.64	-12.05	-6.50	-4.23	-4.30
ALBANY___2	23.40	22.12	21.48	21.45	20.82	23.56	27.85	31.57	28.23	27.99	29.20	27.03	26.49	24.65	24.26	24.25	26.52	29.85	30.13	33.65	35.24	28.35	22.61	21.08
23572	0.39	0.32	0.23	0.28	0.35	0.43	0.48	0.59	0.68	0.67	0.72	0.70	0.68	0.66	0.67	0.66	0.69	0.78	0.82	0.93	0.98	0.88	0.74	0.77
	-15.56	-15.48	-16.82	-16.09	-14.41	-15.66	-14.08	-14.97	-11.25	-10.93	-11.79	-9.66	-9.67	-8.22	-7.57	-7.57	-8.97	-10.81	-10.24	-11.64	-12.05	-6.50	-4.23	-4.30
ALBANY___3	23.40	22.12	21.48	21.45	20.82	23.56	27.85	31.57	28.23	27.99	29.20	27.03	26.49	24.65	24.26	24.25	26.52	29.85	30.13	33.65	35.24	28.35	22.61	21.08
23573	0.39	0.32	0.23	0.28	0.35	0.43	0.48	0.59	0.68	0.67	0.72	0.70	0.68	0.66	0.67	0.66	0.69	0.78	0.82	0.93	0.98	0.88	0.74	0.77
	-15.56	-15.48	-16.82	-16.09	-14.41	-15.66	-14.08	-14.97	-11.25	-10.93	-11.79	-9.66	-9.67	-8.22	-7.57	-7.57	-8.97	-10.81	-10.24	-11.64	-12.05	-6.50	-4.23	-4.30
ALBANY___4	23.40	22.12	21.48	21.45	20.82	23.56	27.85	31.57	28.23	27.99	29.20	27.03	26.49	24.65	24.26	24.25	26.52	29.85	30.13	33.65	35.24	28.35	22.61	21.08
23574	0.39	0.32	0.23	0.28	0.35	0.43	0.48	0.59	0.68	0.67	0.72	0.70	0.68	0.66	0.67	0.66	0.69	0.78	0.82	0.93	0.98	0.88	0.74	0.77
	-15.56	-15.48	-16.82	-16.09	-14.41	-15.66	-14.08	-14.97	-11.25	-10.93	-11.79	-9.66	-9.67	-8.22	-7.57	-7.57	-8.97	-10.81	-10.24	-11.64	-12.05	-6.50	-4.23	-4.30



ALBANY___LFGE 323615	23.69 0.45 -15.79	22.39 0.36 -15.71	21.77 0.27 -17.07	21.73 0.32 -16.33	21.09 0.41 -14.62	23.85 0.49 -15.89	28.24 0.66 -14.29	32.01 0.82 -15.19	28.67 0.93 -11.45	28.42 0.92 -11.12	29.65 0.97 -12.00	27.47 0.97 -9.83	26.87 0.92 -9.81	25.01 0.90 -8.34	24.61 0.91 -7.68	24.60 0.90 -7.68	26.90 0.94 -9.11	30.28 1.06 -10.97	30.56 1.11 -10.39	34.16 1.26 -11.81	35.72 1.29 -12.22	28.74 1.17 -6.59	22.92 0.99 -4.29	21.28 0.91 -4.36
ALCOA_RYNLDS___DRP 24188	7.09 -0.37 0.00	6.00 -0.32 0.00	4.19 -0.24 0.00	4.79 -0.28 0.00	5.75 -0.31 0.00	7.08 -0.39 0.00	12.43 -0.86 0.00	15.11 -0.90 0.00	15.37 -0.93 0.00	15.41 -0.97 0.00	15.66 -1.03 0.00	15.66 -1.02 0.00	15.22 -0.92 0.00	14.84 -0.93 0.00	15.06 -0.96 0.00	15.15 -0.87 0.00	15.91 -0.94 0.00	17.29 -0.97 0.00	18.02 -1.05 0.00	19.86 -1.22 0.00	20.12 -1.31 0.78	19.86 -1.11 0.00	16.85 -0.79 0.00	15.26 -0.75 0.00
ALCOA___DSASP 323711	7.09 -0.37 0.00	6.00 -0.32 0.00	4.19 -0.24 0.00	4.79 -0.28 0.00	5.75 -0.31 0.00	7.08 -0.39 0.00	12.43 -0.86 0.00	15.11 -0.90 0.00	15.37 -0.93 0.00	15.41 -0.97 0.00	15.66 -1.03 0.00	15.66 -1.02 0.00	15.22 -0.92 0.00	14.84 -0.93 0.00	15.06 -0.96 0.00	15.15 -0.87 0.00	15.91 -0.94 0.00	17.29 -0.97 0.00	18.02 -1.05 0.00	19.86 -1.22 0.00	20.12 -1.31 0.78	19.86 -1.11 0.00	16.85 -0.79 0.00	15.26 -0.75 0.00
ALLEGHENY___COGEN 23514	10.44 0.22 -2.77	9.26 0.18 -2.75	7.58 0.16 -2.99	8.12 0.18 -2.86	8.83 0.21 -2.56	10.55 0.29 -2.78	16.39 0.61 -2.49	20.04 0.66 -3.38	19.85 0.49 -3.07	19.92 0.52 -3.01	21.09 0.63 -3.77	20.32 0.57 -3.08	19.54 0.44 -2.96	18.82 0.46 -2.59	18.83 0.43 -2.38	17.89 -0.24 -2.11	19.43 -0.14 -2.72	22.02 -0.20 -3.96	22.71 0.00 -3.64	25.53 0.08 -4.36	27.44 0.35 -4.87	23.57 0.80 -1.79	18.66 0.27 -0.75	17.00 0.22 -0.76
ALTONA_WT_PWR 323606	7.04 -0.42 0.00	5.93 -0.39 0.00	4.12 -0.31 0.00	4.70 -0.38 0.00	5.65 -0.41 0.00	6.96 -0.51 0.00	12.27 -1.02 0.00	14.82 -1.18 0.00	15.10 -1.19 0.00	15.15 -1.23 0.00	15.39 -1.30 0.00	15.41 -1.27 0.00	14.98 -1.16 0.00	14.60 -1.17 0.00	14.85 -1.17 0.00	14.99 -1.03 0.00	15.77 -1.08 0.00	17.22 -1.04 0.00	17.98 -1.09 0.00	19.86 -1.22 0.00	20.20 -1.20 0.81	19.93 -1.05 0.00	16.92 -0.72 0.00	15.42 -0.59 0.00
AMERICAN_REF_FUEL 24010	9.67 -0.25 -2.47	8.55 -0.22 -2.45	7.00 -0.06 -2.64	7.54 -0.06 -2.52	8.16 -0.18 -2.28	9.73 -0.22 -2.48	15.18 -0.39 -2.27	51.84 -0.56 -36.39	13.10 -0.72 2.48	13.10 -0.75 2.53	11.22 -0.63 4.84	12.09 -0.65 3.94	11.94 -0.76 3.44	11.81 -0.71 3.25	12.32 -0.74 2.96	13.31 -0.85 1.85	13.01 -0.77 3.07	10.80 -0.88 6.59	45.48 -0.61 -27.02	21.29 -0.55 -0.76	12.26 -0.76 9.20	51.00 -0.88 -30.91	17.28 -1.08 -0.71	15.71 -1.03 -0.73
ARKWRIGHT___SUMMIT_WT_PWR 323751	10.56 0.27 -2.84	9.36 0.21 -2.82	7.71 0.21 -3.06	8.28 0.27 -2.93	8.92 0.23 -2.63	10.64 0.31 -2.86	16.57 0.72 -2.56	25.75 0.90 -8.84	25.17 0.78 -8.09	25.18 0.77 -8.03	29.26 0.90 -11.66	27.07 0.88 -9.51	25.66 0.71 -8.82	24.47 0.76 -7.94	24.04 0.75 -7.27	22.35 0.62 -5.70	25.65 0.79 -8.00	32.77 0.80 -13.71	34.30 1.16 -14.07	38.21 1.41 -15.71	41.42 1.31 -17.90	28.45 1.05 -6.43	18.91 0.49 -0.78	17.12 0.32 -0.79
ARTHUR_KILL_GT_1 23520	24.30 0.66 -16.18	19.24 0.57 -12.35	18.22 0.41 -13.38	18.40 0.51 -12.81	18.12 0.61 -11.44	20.66 0.75 -12.44	26.60 1.26 -12.05	29.35 1.57 -11.77	30.65 1.63 -12.72	33.65 1.69 -15.58	33.75 1.77 -15.29	34.69 1.73 -16.28	33.87 1.68 -16.05	34.04 1.67 -16.60	34.69 1.68 -16.99	33.97 1.68 -16.27	33.94 1.79 -15.30	34.69 1.92 -14.52	33.18 2.00 -12.12	33.15 2.32 -9.75	34.18 2.49 -9.48	28.93 2.27 -5.69	26.51 1.73 -7.14	23.65 1.35 -6.29
ARTHUR_KILL_2 23512	24.30 0.66 -16.18	19.24 0.57 -12.35	18.22 0.41 -13.38	18.40 0.51 -12.81	18.12 0.61 -11.44	20.66 0.75 -12.44	26.60 1.26 -12.05	29.35 1.57 -11.77	30.65 1.63 -12.72	33.65 1.69 -15.58	33.75 1.77 -15.29	34.69 1.73 -16.28	33.87 1.68 -16.05	34.04 1.67 -16.60	34.69 1.68 -16.99	33.97 1.68 -16.27	33.94 1.79 -15.30	34.69 1.92 -14.52	33.18 2.00 -12.12	33.15 2.32 -9.75	34.18 2.49 -9.48	28.93 2.27 -5.69	26.51 1.73 -7.14	23.65 1.35 -6.29
ARTHUR_KILL_3 23513	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.51 -12.80	18.07 0.57 -11.44	20.63 0.72 -12.43	26.77 1.44 -12.04	29.39 1.62 -11.77	30.74 1.71 -12.73	33.72 1.75 -15.59	33.81 1.82 -15.30	34.75 1.78 -16.29	33.92 1.73 -16.06	34.09 1.72 -16.61	34.75 1.73 -17.00	34.03 1.73 -16.28	34.00 1.84 -15.31	34.75 1.97 -14.52	33.25 2.06 -12.12	33.18 2.34 -9.76	34.21 2.51 -9.48	28.99 2.33 -5.68	26.59 1.82 -7.13	23.79 1.49 -6.29
ARTHUR_KILL_COGEN 323718	24.30 0.66 -16.18	19.24 0.57 -12.35	18.22 0.41 -13.38	18.40 0.51 -12.81	18.12 0.61 -11.44	20.66 0.75 -12.44	26.60 1.26 -12.05	29.35 1.57 -11.77	30.65 1.63 -12.72	33.65 1.69 -15.58	33.75 1.77 -15.29	34.69 1.73 -16.28	33.87 1.68 -16.05	34.04 1.67 -16.60	34.69 1.68 -16.99	33.97 1.68 -16.27	33.94 1.79 -15.30	34.69 1.92 -14.52	33.18 2.00 -12.12	33.15 2.32 -9.75	34.18 2.49 -9.48	28.93 2.27 -5.69	26.51 1.73 -7.14	23.65 1.35 -6.29
ASHOKAN____ 23654	21.12 0.71 -12.95	19.84 0.63 -12.89	18.91 0.47 -14.00	19.00 0.53 -13.40	18.62 0.56 -11.99	21.23 0.72 -13.03	26.18 1.29 -11.60	29.77 1.42 -12.34	27.10 1.60 -9.21	26.91 1.59 -8.95	27.96 1.62 -9.65	26.14 1.57 -7.90	25.56 1.50 -7.92	24.02 1.51 -6.73	23.71 1.49 -6.20	23.66 1.44 -6.20	25.77 1.57 -7.35	28.88 1.72 -8.91	29.26 1.75 -8.44	32.85 2.17 -9.59	34.44 2.29 -9.94	28.40 2.08 -5.35	22.54 1.41 -3.49	20.72 1.17 -3.54
ASTORIA_EAST_ENERGY_CC1 323581	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.39 0.52 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.76 1.44 -12.03	29.50 1.73 -11.76	30.81 1.79 -12.72	33.81 1.85 -15.58	33.90 1.92 -15.29	34.84 1.88 -16.28	34.03 1.84 -16.05	34.18 1.81 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.09 1.94 -15.30	34.77 2.10 -14.41	33.02 2.17 -11.78	33.27 2.49 -9.70	34.33 2.64 -9.47	29.06 2.45 -5.63	26.67 1.91 -7.12	23.57 1.52 -6.04
ASTORIA_EAST_ENERGY_CC2 323582	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT2_I 24094	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04



ASTORIA_GT2_2 24095	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT2_3 24096	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT2_4 24097	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT3_1 24098	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT3_2 24099	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT3_3 24100	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT3_4 24101	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT4_1 24102	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT4_2 24103	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT4_3 24104	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT4_4 24105	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT_1 23523	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT_10 24110	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.59 -11.44	20.66 0.75 -12.44	26.99 1.44 -12.26	29.49 1.71 -11.77	31.69 1.79 -13.61	35.37 1.83 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.91 1.82 -17.94	36.45 1.81 -18.87	37.30 1.83 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.07 2.08 -15.74	33.84 2.15 -12.62	33.38 2.47 -9.83	34.34 2.64 -9.48	29.17 2.43 -5.76	27.51 1.89 -7.98	24.16 1.50 -6.64
ASTORIA_GT_11 24225	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.59 -11.44	20.66 0.75 -12.44	26.99 1.44 -12.26	29.49 1.71 -11.77	31.69 1.79 -13.61	35.37 1.83 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.91 1.82 -17.94	36.45 1.81 -18.87	37.30 1.83 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.07 2.08 -15.74	33.84 2.15 -12.62	33.38 2.47 -9.83	34.34 2.64 -9.48	29.17 2.43 -5.76	27.51 1.89 -7.98	24.16 1.50 -6.64
ASTORIA_GT_12 24226	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.59 -11.44	20.66 0.75 -12.44	26.99 1.44 -12.26	29.49 1.71 -11.77	31.69 1.79 -13.61	35.37 1.83 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.91 1.82 -17.94	36.45 1.81 -18.87	37.30 1.83 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.07 2.08 -15.74	33.84 2.15 -12.62	33.38 2.47 -9.83	34.34 2.64 -9.48	29.17 2.43 -5.76	27.51 1.89 -7.98	24.16 1.50 -6.64



ASTORIA_GT_13 24227	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.59 -11.44	20.66 0.75 -12.44	26.99 1.44 -12.26	29.49 1.71 -11.77	31.69 1.79 -13.61	35.37 1.83 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.91 1.82 -17.94	36.45 1.81 -18.87	37.30 1.83 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.07 2.08 -15.74	33.84 2.15 -12.62	33.38 2.47 -9.83	34.34 2.64 -9.48	29.17 2.43 -5.76	27.51 1.89 -7.98	24.16 1.50 -6.64
ASTORIA_GT_5 24106	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT_7 24107	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA_GT_8 24108	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA___2 24149	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA___3 23516	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.59 -11.44	20.66 0.75 -12.44	26.99 1.44 -12.26	29.49 1.71 -11.77	31.69 1.79 -13.61	35.37 1.83 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.91 1.82 -17.94	36.45 1.81 -18.87	37.30 1.83 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.07 2.08 -15.74	33.84 2.15 -12.62	33.38 2.47 -9.83	34.34 2.64 -9.48	29.17 2.43 -5.76	27.51 1.89 -7.98	24.16 1.50 -6.64
ASTORIA___4 23517	24.36 0.76 -16.14	19.32 0.66 -12.34	18.26 0.47 -13.36	18.40 0.53 -12.79	18.09 0.59 -11.43	20.65 0.75 -12.42	26.77 1.45 -12.03	29.50 1.73 -11.76	30.83 1.81 -12.72	33.81 1.85 -15.58	33.92 1.94 -15.29	34.86 1.90 -16.28	34.03 1.84 -16.05	34.19 1.83 -16.60	34.85 1.84 -16.99	34.11 1.83 -16.27	34.11 1.95 -15.30	34.77 2.10 -14.41	33.03 2.19 -11.78	33.29 2.51 -9.70	34.35 2.66 -9.47	29.08 2.47 -5.63	26.67 1.91 -7.12	23.59 1.54 -6.04
ASTORIA___5 23518	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.59 -11.44	20.66 0.75 -12.44	26.99 1.44 -12.26	29.49 1.71 -11.77	31.69 1.79 -13.61	35.37 1.83 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.91 1.82 -17.94	36.45 1.81 -18.87	37.30 1.83 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.07 2.08 -15.74	33.84 2.15 -12.62	33.38 2.47 -9.83	34.34 2.64 -9.48	29.17 2.43 -5.76	27.51 1.89 -7.98	24.16 1.50 -6.64
AST_ENERGY_2_CC3 323677	24.50 0.72 -16.33	19.31 0.64 -12.35	18.25 0.45 -13.37	18.38 0.50 -12.80	18.06 0.56 -11.44	20.62 0.72 -12.43	26.73 1.40 -12.04	29.37 1.60 -11.77	30.73 1.71 -12.73	33.72 1.75 -15.59	33.79 1.80 -15.30	34.74 1.78 -16.29	33.92 1.73 -16.05	34.09 1.72 -16.60	34.74 1.73 -16.99	34.02 1.73 -16.27	33.98 1.82 -15.31	34.64 1.97 -14.41	32.89 2.04 -11.78	33.11 2.32 -9.70	34.18 2.49 -9.48	28.92 2.31 -5.64	26.59 1.82 -7.13	23.53 1.47 -6.05
AST_ENERGY_2_CC4 323678	24.50 0.72 -16.33	19.31 0.64 -12.35	18.25 0.45 -13.37	18.38 0.50 -12.80	18.06 0.56 -11.44	20.62 0.72 -12.43	26.73 1.40 -12.04	29.37 1.60 -11.77	30.73 1.71 -12.73	33.72 1.75 -15.59	33.79 1.80 -15.30	34.74 1.78 -16.29	33.92 1.73 -16.05	34.09 1.72 -16.60	34.74 1.73 -16.99	34.02 1.73 -16.27	33.98 1.82 -15.31	34.64 1.97 -14.41	32.89 2.04 -11.78	33.11 2.32 -9.70	34.18 2.49 -9.48	28.92 2.31 -5.64	26.59 1.82 -7.13	23.53 1.47 -6.05
ATHENS_STG_1 23668	21.42 0.46 -13.50	20.15 0.39 -13.44	19.31 0.28 -14.60	19.36 0.31 -13.97	18.94 0.37 -12.51	21.53 0.46 -13.59	26.28 0.86 -12.13	29.93 1.03 -12.90	27.06 1.09 -9.68	26.90 1.11 -9.40	27.98 1.15 -10.14	26.12 1.13 -8.31	25.54 1.08 -8.32	23.92 1.07 -7.08	23.62 1.09 -6.51	23.63 1.09 -6.52	25.72 1.15 -7.72	28.83 1.26 -9.31	29.20 1.31 -8.82	32.59 1.48 -10.03	34.18 1.58 -10.39	28.04 1.47 -5.60	22.45 1.16 -3.64	20.66 0.94 -3.70
ATHENS_STG_2 23670	21.42 0.46 -13.50	20.15 0.39 -13.44	19.31 0.28 -14.60	19.36 0.31 -13.97	18.94 0.37 -12.51	21.53 0.46 -13.59	26.28 0.86 -12.13	29.93 1.03 -12.90	27.06 1.09 -9.68	26.90 1.11 -9.40	27.98 1.15 -10.14	26.12 1.13 -8.31	25.54 1.08 -8.32	23.92 1.07 -7.08	23.62 1.09 -6.51	23.63 1.09 -6.52	25.72 1.15 -7.72	28.83 1.26 -9.31	29.20 1.31 -8.82	32.59 1.48 -10.03	34.18 1.58 -10.39	28.04 1.47 -5.60	22.45 1.16 -3.64	20.66 0.94 -3.70
ATHENS_STG_3 23677	21.42 0.46 -13.50	20.15 0.39 -13.44	19.31 0.28 -14.60	19.36 0.31 -13.97	18.94 0.37 -12.51	21.53 0.46 -13.59	26.28 0.86 -12.13	29.93 1.03 -12.90	27.06 1.09 -9.68	26.90 1.11 -9.40	27.98 1.15 -10.14	26.12 1.13 -8.31	25.54 1.08 -8.32	23.92 1.07 -7.08	23.62 1.09 -6.51	23.63 1.09 -6.52	25.72 1.15 -7.72	28.83 1.26 -9.31	29.20 1.31 -8.82	32.59 1.48 -10.03	34.18 1.58 -10.39	28.04 1.47 -5.60	22.45 1.16 -3.64	20.66 0.94 -3.70
AUBURN___LFGE 323710	9.58 0.10 -2.02	8.43 0.09 -2.01	6.69 0.07 -2.19	7.26 0.09 -2.09	8.03 0.10 -1.87	9.63 0.12 -2.04	15.36 0.25 -1.82	18.30 0.34 -1.96	18.23 0.42 -1.51	18.29 0.44 -1.47	18.77 0.50 -1.58	18.44 0.47 -1.30	17.84 0.40 -1.30	17.25 0.38 -1.10	17.42 0.38 -1.02	17.37 0.34 -1.02	18.50 0.44 -1.21	19.93 0.26 -1.41	20.75 0.34 -1.34	23.07 0.46 -1.52	24.35 0.58 -1.56	22.22 0.40 -0.85	18.35 0.16 -0.55	16.70 0.13 -0.56
BABYLON_RES_REC 323704	20.93 0.98 -12.50	19.37 0.78 -12.27	18.28 0.51 -13.34	18.40 0.56 -12.76	18.14 0.65 -11.42	20.77 0.88 -12.42	26.24 1.86 -11.09	30.11 2.35 -11.75	27.54 2.28 -8.97	27.56 2.32 -8.86	28.74 2.34 -9.71	28.20 2.28 -9.25	26.43 2.23 -8.06	26.43 2.21 -8.46	26.23 2.23 -7.98	26.63 2.18 -8.44	27.67 2.36 -8.46	29.68 2.65 -8.78	30.18 2.71 -8.41	33.27 3.04 -9.15	35.03 3.35 -9.46	29.05 2.96 -5.11	24.56 2.52 -4.39	21.49 2.00 -3.48



BARRETT_IC_1 23704	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_10 23701	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_11 23702	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_12 23703	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_2 23705	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_3 23706	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_4 23707	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_5 23708	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_6 23709	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_7 23710	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_8 23711	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT_IC_9 23700	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT___1 23545	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BARRETT___2 23546	20.83 0.88 -12.50	19.28 0.69 -12.27	18.22 0.46 -13.34	18.33 0.49 -12.76	18.06 0.58 -11.42	20.67 0.78 -12.42	26.04 1.66 -11.09	29.84 2.08 -11.75	27.30 2.04 -8.97	27.31 2.08 -8.86	28.51 2.10 -9.72	27.99 2.07 -9.25	26.22 2.02 -8.06	26.23 2.00 -8.46	26.03 2.03 -7.98	26.42 1.95 -8.44	27.38 2.07 -8.46	29.15 2.15 -8.74	29.69 2.29 -8.34	32.83 2.59 -9.15	34.32 2.64 -9.46	28.71 2.62 -5.11	23.22 2.06 -3.52	21.27 1.78 -3.48
BAYONEEC___CTG1 323682	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -11.77	29.44 1.66 -11.77	30.77 1.74 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.78 1.82 -16.29	33.96 1.76 -16.06	34.12 1.75 -16.61	34.78 1.76 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.68 2.01 -14.42	32.95 2.10 -11.79	33.17 2.38 -9.70	34.25 2.55 -9.48	28.98 2.37 -5.64	26.62 1.85 -7.13	23.56 1.50 -6.05



BAYONEEC___CTG10 323750	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -12.04	29.44 1.66 -11.77	30.77 1.74 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.78 1.82 -16.29	33.96 1.76 -16.06	34.12 1.75 -16.61	34.78 1.76 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.68 2.01 -14.42	32.95 2.10 -11.79	33.17 2.38 -9.70	34.25 2.55 -9.48	28.98 2.37 -5.64	26.62 1.85 -7.13	23.56 1.50 -6.05
BAYONEEC___CTG2 323683	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -12.04	29.44 1.66 -11.77	30.77 1.74 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.78 1.82 -16.29	33.96 1.76 -16.06	34.12 1.75 -16.61	34.78 1.76 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.68 2.01 -14.42	32.95 2.10 -11.79	33.17 2.38 -9.70	34.25 2.55 -9.48	28.98 2.37 -5.64	26.62 1.85 -7.13	23.56 1.50 -6.05
BAYONEEC___CTG3 323684	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -12.04	29.44 1.66 -11.77	30.77 1.74 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.78 1.82 -16.29	33.96 1.76 -16.06	34.12 1.75 -16.61	34.78 1.76 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.68 2.01 -14.42	32.95 2.10 -11.79	33.17 2.38 -9.70	34.25 2.55 -9.48	28.98 2.37 -5.64	26.62 1.85 -7.13	23.56 1.50 -6.05
BAYONEEC___CTG4 323685	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -12.04	29.44 1.66 -11.77	30.77 1.74 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.78 1.82 -16.29	33.96 1.76 -16.06	34.12 1.75 -16.61	34.78 1.76 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.68 2.01 -14.42	32.95 2.10 -11.79	33.17 2.38 -9.70	34.25 2.55 -9.48	28.98 2.37 -5.64	26.62 1.85 -7.13	23.56 1.50 -6.05
BAYONEEC___CTG5 323686	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -12.04	29.44 1.66 -11.77	30.77 1.74 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.78 1.82 -16.29	33.96 1.76 -16.06	34.12 1.75 -16.61	34.78 1.76 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.68 2.01 -14.42	32.95 2.10 -11.79	33.17 2.38 -9.70	34.25 2.55 -9.48	28.98 2.37 -5.64	26.62 1.85 -7.13	23.56 1.50 -6.05
BAYONEEC___CTG6 323687	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -12.04	29.44 1.66 -11.77	30.77 1.74 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.78 1.82 -16.29	33.96 1.76 -16.06	34.12 1.75 -16.61	34.78 1.76 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.68 2.01 -14.42	32.95 2.10 -11.79	33.17 2.38 -9.70	34.25 2.55 -9.48	28.98 2.37 -5.64	26.62 1.85 -7.13	23.56 1.50 -6.05
BAYONEEC___CTG7 323688	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -12.04	29.44 1.66 -11.77	30.77 1.74 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.78 1.82 -16.29	33.96 1.76 -16.06	34.12 1.75 -16.61	34.78 1.76 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.68 2.01 -14.42	32.95 2.10 -11.79	33.17 2.38 -9.70	34.25 2.55 -9.48	28.98 2.37 -5.64	26.62 1.85 -7.13	23.56 1.50 -6.05
BAYONEEC___CTG8 323689	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -12.04	29.44 1.66 -11.77	30.77 1.74 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.78 1.82 -16.29	33.96 1.76 -16.06	34.12 1.75 -16.61	34.78 1.76 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.68 2.01 -14.42	32.95 2.10 -11.79	33.17 2.38 -9.70	34.25 2.55 -9.48	28.98 2.37 -5.64	26.62 1.85 -7.13	23.56 1.50 -6.05
BAYONEEC___CTG9 323749	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -12.04	29.44 1.66 -11.77	30.77 1.74 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.78 1.82 -16.29	33.96 1.76 -16.06	34.12 1.75 -16.61	34.78 1.76 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.68 2.01 -14.42	32.95 2.10 -11.79	33.17 2.38 -9.70	34.25 2.55 -9.48	28.98 2.37 -5.64	26.62 1.85 -7.13	23.56 1.50 -6.05
BEACON___LESR 323632	23.49 0.48 -15.55	22.19 0.39 -15.48	21.53 0.28 -16.81	21.51 0.34 -16.09	20.89 0.43 -14.40	23.65 0.53 -15.65	28.20 0.82 -14.08	31.99 1.01 -14.97	28.68 1.12 -11.26	28.44 1.11 -10.94	29.68 1.19 -11.80	27.49 1.15 -9.67	26.89 1.08 -9.67	25.06 1.07 -8.22	24.69 1.10 -7.57	24.67 1.07 -7.57	26.97 1.15 -8.98	30.37 1.30 -10.81	30.66 1.35 -10.24	34.26 1.54 -11.64	35.84 1.58 -12.05	28.94 1.47 -6.50	23.07 1.20 -4.23	21.33 1.03 -4.30
BEAVER RIVER___HYD 24048	7.59 -0.31 -0.44	6.47 -0.28 -0.44	4.69 -0.22 -0.48	5.30 -0.23 -0.46	6.22 -0.25 -0.41	7.61 -0.31 -0.45	13.19 -0.51 -0.40	16.05 -0.42 -0.46	16.13 -0.52 -0.36	16.19 -0.54 -0.35	16.53 -0.53 -0.38	16.45 -0.53 -0.31	15.93 -0.52 -0.30	15.47 -0.55 -0.26	15.73 -0.53 -0.24	15.76 -0.50 -0.24	16.70 -0.44 -0.28	18.13 -0.46 -0.33	18.94 -0.44 -0.31	20.98 -0.46 -0.36	21.98 -0.36 -0.12	20.69 -0.48 -0.20	17.35 -0.42 -0.13	15.71 -0.43 -0.13
BEEBEE_GT_13 23619	9.34 -0.04 -1.92	8.20 -0.04 -1.92	6.52 0.00 -2.08	7.08 0.01 -1.99	7.84 -0.01 -1.78	9.41 0.00 -1.94	15.03 0.01 -1.72	17.06 -0.11 -1.16	16.76 -0.23 -0.70	16.84 -0.20 -0.66	16.92 -0.12 -0.35	16.81 -0.15 -0.29	16.29 -0.23 -0.37	15.83 -0.21 -0.26	16.04 -0.22 -0.25	16.12 -0.34 -0.44	16.93 -0.29 -0.37	17.88 -0.33 0.05	18.73 -0.19 0.14	20.82 -0.10 0.16	21.77 -0.07 0.38	20.99 -0.21 -0.22	17.69 -0.48 -0.52	16.16 -0.38 -0.53
BETHLEHEM___GRP 23843	23.40 0.39 -15.56	22.12 0.32 -15.48	21.48 0.23 -16.82	21.45 0.28 -16.09	20.82 0.35 -14.41	23.56 0.43 -15.66	27.85 0.48 -14.08	31.57 0.59 -14.97	28.23 0.68 -11.25	27.99 0.67 -10.93	29.20 0.72 -11.79	27.03 0.70 -9.66	26.49 0.68 -9.67	24.65 0.66 -8.22	24.26 0.67 -7.57	24.25 0.66 -7.57	26.52 0.69 -8.97	29.85 0.78 -10.81	30.13 0.82 -10.24	33.65 0.93 -11.64	35.24 0.98 -12.05	28.35 0.88 -6.50	22.61 0.74 -4.23	21.08 0.77 -4.30
BETHLEHEM___GS1 323560	23.40 0.39 -15.56	22.12 0.32 -15.48	21.48 0.23 -16.82	21.45 0.28 -16.09	20.82 0.35 -14.41	23.56 0.43 -15.66	27.85 0.48 -14.08	31.57 0.59 -14.97	28.23 0.68 -11.25	27.99 0.67 -10.93	29.20 0.72 -11.79	27.03 0.70 -9.66	26.49 0.68 -9.67	24.65 0.66 -8.22	24.26 0.67 -7.57	24.25 0.66 -7.57	26.52 0.69 -8.97	29.85 0.78 -10.81	30.13 0.82 -10.24	33.65 0.93 -11.64	35.24 0.98 -12.05	28.35 0.88 -6.50	22.61 0.74 -4.23	21.08 0.77 -4.30
BETHLEHEM___GS2 323561	23.40 0.39 -15.56	22.12 0.32 -15.48	21.48 0.23 -16.82	21.45 0.28 -16.09	20.82 0.35 -14.41	23.56 0.43 -15.66	27.85 0.48 -14.08	31.57 0.59 -14.97	28.23 0.68 -11.25	27.99 0.67 -10.93	29.20 0.72 -11.79	27.03 0.70 -9.66	26.49 0.68 -9.67	24.65 0.66 -8.22	24.26 0.67 -7.57	24.25 0.66 -7.57	26.52 0.69 -8.97	29.85 0.78 -10.81	30.13 0.82 -10.24	33.65 0.93 -11.64	35.24 0.98 -12.05	28.35 0.88 -6.50	22.61 0.74 -4.23	21.08 0.77 -4.30



BETHLEHEM___GS3 323562	23.40 0.39 -15.56	22.12 0.32 -15.48	21.48 0.23 -16.82	21.45 0.28 -16.09	20.82 0.35 -14.41	23.56 0.43 -15.66	27.85 0.48 -14.08	31.57 0.59 -14.97	28.23 0.68 -11.25	27.99 0.67 -10.93	29.20 0.72 -11.79	27.03 0.70 -9.66	26.49 0.68 -9.67	24.65 0.66 -8.22	24.26 0.67 -7.57	24.25 0.66 -7.57	26.52 0.69 -8.97	29.85 0.78 -10.81	30.13 0.82 -10.24	33.65 0.93 -11.64	35.24 0.98 -12.05	28.35 0.88 -6.50	22.61 0.74 -4.23	21.08 0.77 -4.30
BETHLEHEM___STEEL 23779	10.35 0.19 -2.70	9.17 0.16 -2.69	7.52 0.18 -2.92	8.09 0.22 -2.79	8.73 0.17 -2.50	10.40 0.21 -2.72	16.20 0.46 -2.44	26.85 0.54 -10.30	25.69 0.41 -8.98	25.68 0.38 -8.93	30.32 0.50 -13.13	27.86 0.48 -10.70	26.36 0.32 -9.89	25.08 0.38 -8.93	24.54 0.35 -8.17	22.61 0.24 -6.35	26.21 0.39 -8.97	34.18 0.37 -15.55	36.28 0.71 -16.51	39.97 0.91 -17.98	43.40 0.80 -20.39	29.26 0.57 -7.72	18.49 0.11 -0.74	16.75 -0.02 -0.76
BETHPAGE_CC_5 323564	20.89 0.94 -12.50	19.34 0.75 -12.27	18.26 0.50 -13.34	18.37 0.53 -12.76	18.11 0.63 -11.42	20.73 0.84 -12.42	26.14 1.77 -11.09	29.98 2.22 -11.75	27.41 2.15 -8.97	27.44 2.21 -8.86	28.62 2.22 -9.71	28.12 2.20 -9.25	26.35 2.15 -8.06	26.35 2.13 -8.46	26.15 2.15 -7.98	26.55 2.10 -8.44	27.57 2.26 -8.46	29.55 2.52 -8.78	30.04 2.57 -8.40	33.10 2.87 -9.15	34.85 3.18 -9.46	28.92 2.83 -5.11	24.35 2.44 -4.27	21.41 1.92 -3.48
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	10.42 0.23 -2.73	9.23 0.19 -2.72	7.58 0.20 -2.95	8.15 0.25 -2.82	8.80 0.21 -2.53	10.48 0.25 -2.75	16.32 0.56 -2.47	27.09 0.66 -10.42	26.52 0.54 -9.69	26.52 0.51 -9.64	31.56 0.63 -14.24	28.90 0.62 -11.61	27.31 0.45 -10.72	25.94 0.49 -9.69	25.36 0.48 -8.86	23.23 0.35 -6.86	27.09 0.52 -9.72	35.69 0.51 -16.92	37.31 0.86 -17.38	41.58 1.07 -19.43	45.40 0.98 -22.21	29.52 0.71 -7.83	18.62 0.23 -0.75	16.85 0.08 -0.76
BINGHAMTON___COGEN 23790	12.96 0.24 -5.27	11.77 0.21 -5.24	10.28 0.16 -5.69	10.71 0.19 -5.45	11.14 0.21 -4.88	13.03 0.25 -5.30	18.53 0.50 -4.73	22.23 0.61 -5.61	20.72 0.55 -3.87	20.70 0.56 -3.76	21.36 0.62 -4.06	20.58 0.58 -3.32	19.98 0.52 -3.32	19.12 0.52 -2.83	19.15 0.53 -2.60	19.10 0.48 -2.60	20.51 0.57 -3.09	22.52 0.62 -3.64	23.76 0.74 -3.95	26.02 0.89 -4.05	27.24 0.98 -4.05	24.44 0.80 -2.67	19.58 0.51 -1.43	17.86 0.40 -1.45
BLACK RIVER___HYD 24047	7.91 -0.27 -0.72	6.78 -0.25 -0.71	5.01 -0.20 -0.77	5.62 -0.20 -0.74	6.51 -0.21 -0.66	7.93 -0.26 -0.72	13.56 -0.37 -0.65	16.49 -0.24 -0.72	16.46 -0.39 -0.55	16.52 -0.39 -0.54	16.90 -0.37 -0.58	16.78 -0.37 -0.48	16.26 -0.36 -0.47	15.78 -0.39 -0.40	16.02 -0.37 -0.37	16.04 -0.35 -0.37	17.04 -0.25 -0.44	18.48 -0.29 -0.52	19.33 -0.23 -0.49	21.41 -0.23 -0.56	22.55 -0.07 -0.40	21.03 -0.25 -0.31	17.58 -0.26 -0.20	15.94 -0.27 -0.21
BLISS_WT_PWR 323608	10.69 0.36 -2.87	9.48 0.30 -2.86	7.82 0.28 -3.10	8.39 0.35 -2.97	8.95 0.22 -2.66	10.66 0.29 -2.89	16.55 0.66 -2.60	26.16 0.83 -9.32	25.62 0.72 -8.61	25.61 0.67 -8.55	29.95 0.78 -12.48	27.60 0.75 -10.17	26.13 0.56 -9.42	24.86 0.60 -8.50	24.38 0.59 -7.77	22.55 0.45 -6.08	26.25 0.84 -8.55	33.80 0.84 -14.70	35.33 1.22 -15.05	39.41 1.48 -16.85	42.84 1.40 -19.23	28.62 0.82 -6.83	18.75 0.32 -0.79	16.94 0.13 -0.80
BLUE_CIRC_CHEM_DRP 24182	23.07 0.40 -15.21	21.79 0.33 -15.14	21.12 0.24 -16.45	21.10 0.28 -15.74	20.50 0.36 -14.09	23.22 0.43 -15.31	27.85 0.68 -13.88	31.58 0.82 -14.75	28.25 0.90 -11.07	28.03 0.90 -10.75	29.20 0.92 -11.60	27.09 0.92 -9.50	26.55 0.89 -9.53	24.74 0.87 -8.10	24.36 0.88 -7.46	24.35 0.86 -7.46	26.62 0.93 -8.84	29.93 1.02 -10.65	30.24 1.09 -10.09	33.78 1.22 -11.47	35.38 1.29 -11.87	28.55 1.17 -6.40	22.78 0.97 -4.17	21.09 0.85 -4.24
BOC_GAS_DRP 24189	23.19 0.37 -15.36	21.92 0.31 -15.29	21.27 0.22 -16.61	21.23 0.26 -15.90	20.61 0.32 -14.23	23.33 0.40 -15.47	27.83 0.64 -13.91	31.56 0.77 -14.78	28.19 0.83 -11.07	27.97 0.83 -10.76	29.16 0.87 -11.60	27.04 0.87 -9.50	26.51 0.82 -9.55	24.71 0.82 -8.12	24.32 0.83 -7.47	24.31 0.82 -7.48	26.59 0.88 -8.86	29.90 0.97 -10.67	30.21 1.03 -10.11	33.72 1.14 -11.50	35.31 1.20 -11.90	28.50 1.11 -6.41	22.74 0.92 -4.18	21.04 0.78 -4.24
BORALEX_4TH_BRANCH 23824	23.67 0.35 -15.86	22.40 0.29 -15.79	21.78 0.20 -17.15	21.73 0.24 -16.41	21.13 0.38 -14.69	23.89 0.45 -15.96	28.42 0.80 -14.33	32.26 1.03 -15.23	28.94 1.16 -11.49	28.67 1.13 -11.16	29.85 1.12 -12.04	27.68 1.15 -9.86	27.04 1.06 -9.83	25.17 1.04 -8.36	24.77 1.06 -7.70	24.78 1.06 -7.70	27.11 1.13 -9.13	30.53 1.28 -11.00	30.93 1.45 -10.42	34.49 1.56 -11.84	36.09 1.62 -12.25	29.05 1.47 -6.61	23.29 1.34 -4.30	21.46 1.07 -4.37
BOWLINE___1 23526	19.71 0.58 -11.67	18.44 0.51 -11.61	17.40 0.36 -12.61	17.54 0.40 -12.07	17.31 0.44 -10.80	19.78 0.57 -11.74	24.86 1.12 -10.45	28.40 1.28 -11.11	25.98 1.37 -8.32	25.85 1.39 -8.08	26.86 1.45 -8.71	25.25 1.43 -7.14	24.68 1.39 -7.15	23.22 1.37 -6.08	23.01 1.39 -5.60	23.00 1.38 -5.60	24.95 1.47 -6.63	27.85 1.57 -8.02	28.29 1.62 -7.60	31.60 1.88 -8.64	33.16 2.00 -8.95	27.66 1.87 -4.82	22.21 1.43 -3.14	20.34 1.14 -3.19
BOWLINE___2 23595	19.70 0.58 -11.66	18.44 0.51 -11.61	17.40 0.36 -12.61	17.55 0.40 -12.07	17.31 0.44 -10.80	19.78 0.57 -11.74	24.86 1.12 -10.45	28.40 1.28 -11.11	25.98 1.37 -8.31	25.87 1.41 -8.08	26.85 1.45 -8.71	25.25 1.43 -7.14	24.67 1.39 -7.15	23.24 1.39 -6.08	23.01 1.39 -5.60	23.01 1.39 -5.60	24.95 1.47 -6.63	27.85 1.57 -8.02	28.31 1.64 -7.60	31.60 1.88 -8.64	33.16 2.00 -8.95	27.66 1.87 -4.82	22.21 1.43 -3.14	20.34 1.14 -3.19
BROOKHAVEN___DRP 24191	21.07 1.12 -12.50	19.52 0.92 -12.27	18.38 0.61 -13.34	18.50 0.67 -12.76	18.28 0.79 -11.42	20.93 1.04 -12.42	26.52 2.14 -11.09	30.41 2.66 -11.75	27.82 2.56 -8.97	27.81 2.57 -8.86	29.07 2.67 -9.71	28.49 2.57 -9.25	26.65 2.45 -8.06	26.65 2.43 -8.46	26.45 2.45 -7.98	26.87 2.42 -8.44	27.94 2.63 -8.46	30.00 2.96 -8.78	30.59 3.11 -8.42	33.71 3.48 -9.15	35.50 3.82 -9.46	29.44 3.35 -5.11	24.93 2.73 -4.55	21.80 2.31 -3.48
BROOKLYN_NAVY_YARD 23515	24.37 0.78 -16.13	19.33 0.67 -12.35	18.28 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.65 0.75 -12.43	26.77 1.44 -12.04	29.45 1.68 -11.77	30.77 1.74 -12.73	33.74 1.77 -15.59	33.83 1.84 -15.30	34.75 1.78 -16.29	33.94 1.74 -16.06	34.11 1.73 -16.61	34.76 1.75 -17.00	34.03 1.73 -16.28	34.00 1.84 -15.31	34.66 1.99 -14.42	32.93 2.08 -11.79	33.19 2.40 -9.70	34.27 2.58 -9.48	28.98 2.37 -5.64	26.64 1.87 -7.13	23.58 1.52 -6.05
BROOKLYN___ARMY_DRP 323595	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64



BROOME_2_LFGE 323671	12.96 0.24 -5.27	11.77 0.21 -5.24	10.28 0.16 -5.69	10.71 0.19 -5.45	11.14 0.21 -4.88	13.03 0.25 -5.30	18.53 0.50 -4.73	22.23 0.61 -5.61	20.72 0.55 -3.87	20.70 0.56 -3.76	21.36 0.62 -4.06	20.58 0.58 -3.32	19.98 0.52 -3.32	19.12 0.52 -2.83	19.15 0.53 -2.60	19.10 0.48 -2.60	20.51 0.57 -3.09	22.52 0.62 -3.64	23.76 0.74 -3.95	26.02 0.89 -4.05	27.24 0.98 -4.05	24.44 0.80 -2.67	19.58 0.51 -1.43	17.86 0.40 -1.45
BROOME__LFGE 323600	12.96 0.24 -5.27	11.77 0.21 -5.24	10.28 0.16 -5.69	10.71 0.19 -5.45	11.14 0.21 -4.88	13.03 0.25 -5.30	18.53 0.50 -4.73	22.23 0.61 -5.61	20.72 0.55 -3.87	20.70 0.56 -3.76	21.36 0.62 -4.06	20.58 0.58 -3.32	19.98 0.52 -3.32	19.12 0.52 -2.83	19.15 0.53 -2.60	19.10 0.48 -2.60	20.51 0.57 -3.09	22.52 0.62 -3.64	23.76 0.74 -3.95	26.02 0.89 -4.05	27.24 0.98 -4.05	24.44 0.80 -2.67	19.58 0.51 -1.43	17.86 0.40 -1.45
BURROWS__LYONSDAL 23803	7.71 -0.07 -0.33	6.57 -0.08 -0.33	4.72 -0.07 -0.36	5.35 -0.07 -0.34	6.31 -0.05 -0.31	7.75 -0.06 -0.33	13.54 -0.05 -0.30	16.46 0.08 -0.37	16.58 0.00 -0.29	16.66 0.00 -0.28	17.01 0.02 -0.30	16.92 0.00 -0.25	16.38 0.00 -0.24	15.94 -0.03 -0.21	16.21 0.00 -0.19	16.23 0.02 -0.19	17.17 0.08 -0.23	18.62 0.09 -0.27	19.47 0.15 -0.25	21.56 0.19 -0.29	22.69 0.31 -0.16	21.28 0.15 -0.16	17.84 0.09 -0.10	16.15 0.03 -0.11
CAITHNESS_CC_1 323624	21.06 1.10 -12.50	19.50 0.90 -12.27	18.36 0.60 -13.34	18.49 0.65 -12.76	18.26 0.78 -11.42	20.91 1.02 -12.42	26.49 2.11 -11.09	30.38 2.63 -11.75	27.79 2.53 -8.97	27.79 2.55 -8.86	29.02 2.62 -9.71	28.45 2.53 -9.25	26.64 2.44 -8.06	26.62 2.40 -8.46	26.43 2.43 -7.98	26.84 2.39 -8.44	27.92 2.61 -8.46	29.96 2.92 -8.78	30.54 3.05 -8.42	33.67 3.44 -9.15	35.43 3.76 -9.46	29.40 3.31 -5.11	24.89 2.70 -4.55	21.77 2.27 -3.48
CALPINE BETH_PAGE_GT4 24209	20.89 0.94 -12.50	19.34 0.75 -12.27	18.26 0.49 -13.34	18.37 0.53 -12.76	18.11 0.62 -11.42	20.73 0.84 -12.42	26.12 1.74 -11.09	29.93 2.18 -11.75	27.38 2.12 -8.97	27.40 2.16 -8.86	28.57 2.17 -9.71	28.07 2.15 -9.25	26.30 2.10 -8.06	26.31 2.08 -8.46	26.11 2.11 -7.98	26.51 2.05 -8.44	27.52 2.21 -8.46	29.53 2.50 -8.77	29.99 2.54 -8.39	33.04 2.80 -9.15	34.83 3.15 -9.46	28.88 2.79 -5.11	24.22 2.47 -4.11	21.41 1.92 -3.48
CALPINE_BETH_PAGE_GT_4 323586	20.89 0.94 -12.50	19.34 0.75 -12.27	18.26 0.49 -13.34	18.37 0.53 -12.76	18.11 0.62 -11.42	20.73 0.84 -12.42	26.12 1.74 -11.09	29.93 2.18 -11.75	27.38 2.12 -8.97	27.40 2.16 -8.86	28.57 2.17 -9.71	28.07 2.15 -9.25	26.30 2.10 -8.06	26.31 2.08 -8.46	26.11 2.11 -7.98	26.51 2.05 -8.44	27.52 2.21 -8.46	29.53 2.50 -8.77	29.99 2.54 -8.39	33.04 2.80 -9.15	34.83 3.15 -9.46	28.88 2.79 -5.11	24.22 2.47 -4.11	21.41 1.92 -3.48
CALPINE_BP_GT1 23823	20.89 0.94 -12.50	19.34 0.75 -12.27	18.26 0.49 -13.34	18.37 0.53 -12.76	18.11 0.62 -11.42	20.73 0.84 -12.42	26.12 1.74 -11.09	29.93 2.18 -11.75	27.38 2.12 -8.97	27.40 2.16 -8.86	28.57 2.17 -9.71	28.07 2.15 -9.25	26.30 2.10 -8.06	26.31 2.08 -8.46	26.11 2.11 -7.98	26.51 2.05 -8.44	27.52 2.21 -8.46	29.53 2.50 -8.77	29.99 2.54 -8.39	33.04 2.80 -9.15	34.83 3.15 -9.46	28.88 2.79 -5.11	24.22 2.47 -4.11	21.41 1.92 -3.48
CALSPAN__DRP 24200	10.35 0.19 -2.70	9.17 0.16 -2.69	7.52 0.18 -2.92	8.09 0.22 -2.79	8.73 0.17 -2.50	10.40 0.21 -2.72	16.20 0.46 -2.44	26.85 0.54 -10.30	25.69 0.41 -8.98	25.68 0.38 -8.93	30.32 0.50 -13.13	27.86 0.48 -10.70	26.36 0.32 -9.89	25.08 0.38 -8.93	24.54 0.35 -8.17	22.61 0.24 -6.35	26.21 0.39 -8.97	34.18 0.37 -15.55	36.28 0.71 -16.51	39.97 0.91 -17.98	43.40 0.80 -20.39	29.26 0.57 -7.72	18.49 0.11 -0.74	16.75 -0.02 -0.76
CANDIGU_WT_PWR 323617	11.24 0.21 -3.58	10.07 0.19 -3.56	8.46 0.17 -3.87	8.99 0.21 -3.70	9.56 0.19 -3.31	11.30 0.23 -3.60	17.00 0.49 -3.22	22.26 0.59 -5.66	21.59 0.47 -4.82	21.58 0.46 -4.75	23.47 0.57 -6.21	22.28 0.53 -5.07	21.37 0.40 -4.82	20.46 0.43 -4.26	20.34 0.42 -3.91	19.66 0.30 -3.34	21.72 0.46 -4.41	25.49 0.46 -6.78	26.58 0.71 -6.80	29.63 0.91 -7.65	31.66 0.93 -8.51	25.09 0.71 -3.40	18.93 0.32 -0.97	17.19 0.19 -0.99
CARR STREET_E_SYR 24060	8.90 0.01 -1.44	7.76 0.01 -1.43	6.00 0.01 -1.55	6.59 0.02 -1.49	7.40 0.01 -1.33	8.94 0.01 -1.45	14.64 0.05 -1.29	17.50 0.08 -1.42	17.43 0.05 -1.09	17.50 0.07 -1.06	17.93 0.10 -1.14	17.69 0.08 -0.93	17.12 0.05 -0.93	16.61 0.05 -0.79	16.80 0.05 -0.73	16.77 0.02 -0.73	17.77 0.05 -0.87	19.28 0.00 -1.02	20.07 0.04 -0.97	22.27 0.08 -1.10	23.49 0.16 -1.12	21.63 0.04 -0.61	17.97 -0.07 -0.40	16.37 -0.05 -0.41
CARTHAGE__PAPER 23857	7.81 -0.29 -0.64	6.69 -0.27 -0.64	4.91 -0.21 -0.69	5.52 -0.22 -0.66	6.42 -0.24 -0.59	7.83 -0.28 -0.64	13.43 -0.44 -0.58	16.33 -0.32 -0.65	16.34 -0.46 -0.50	16.41 -0.46 -0.49	16.76 -0.45 -0.52	16.67 -0.43 -0.43	16.13 -0.44 -0.43	15.66 -0.47 -0.36	15.90 -0.45 -0.33	15.94 -0.42 -0.33	16.91 -0.34 -0.40	18.36 -0.37 -0.47	19.18 -0.32 -0.44	21.25 -0.34 -0.50	22.34 -0.20 -0.32	20.90 -0.36 -0.28	17.49 -0.34 -0.18	15.86 -0.34 -0.19
CE_DUNWOOD__DRP 24194	20.61 0.68 -12.47	19.17 0.59 -12.27	18.17 0.42 -13.32	18.30 0.47 -12.75	17.99 0.51 -11.41	20.53 0.66 -12.40	25.65 1.29 -11.08	29.25 1.50 -11.74	26.82 1.58 -8.94	26.81 1.62 -8.81	27.82 1.69 -9.45	26.21 1.65 -7.88	25.64 1.61 -7.88	24.20 1.61 -6.82	23.98 1.62 -6.34	23.94 1.60 -6.32	25.89 1.70 -7.33	28.80 1.84 -8.70	29.14 1.91 -8.17	32.42 2.19 -9.15	34.00 2.33 -9.45	28.25 2.16 -5.11	22.78 1.68 -3.46	20.83 1.35 -3.47
CE_MILLWOOD__DRP 24193	20.50 0.65 -12.39	19.11 0.57 -12.22	18.10 0.40 -13.27	18.23 0.45 -12.70	17.93 0.50 -11.37	20.47 0.63 -12.36	25.55 1.24 -11.03	29.14 1.44 -11.69	26.69 1.52 -8.88	26.67 1.56 -8.73	27.67 1.62 -9.37	26.06 1.60 -7.79	25.48 1.55 -7.79	24.03 1.55 -6.72	23.81 1.55 -6.24	23.78 1.54 -6.22	25.73 1.63 -7.25	28.66 1.77 -8.63	29.01 1.83 -8.11	32.28 2.09 -9.11	33.87 2.24 -9.42	28.14 2.08 -5.09	22.67 1.61 -3.42	20.73 1.28 -3.44
CE_NYC2_DRP 24202	25.30 0.76 -17.08	19.33 0.65 -12.36	18.27 0.47 -13.38	18.41 0.52 -12.81	18.10 0.60 -11.44	20.67 0.76 -12.44	26.99 1.44 -12.26	29.51 1.73 -11.77	31.71 1.81 -13.61	35.39 1.85 -17.16	35.28 1.94 -16.65	36.81 1.90 -18.23	35.92 1.84 -17.94	36.46 1.83 -18.87	37.32 1.84 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.09 2.10 -15.74	33.86 2.17 -12.62	33.40 2.49 -9.83	34.36 2.66 -9.48	29.19 2.45 -5.76	27.52 1.91 -7.98	24.18 1.52 -6.64
CE_NYC_DRP 24195	24.18 0.76 -15.96	19.32 0.66 -12.34	18.27 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.64 0.74 -12.43	26.72 1.45 -11.98	29.45 1.68 -11.76	30.55 1.78 -12.48	33.34 1.82 -15.14	33.49 1.89 -14.91	34.26 1.85 -15.73	33.45 1.79 -15.52	33.51 1.78 -15.96	34.12 1.81 -16.29	33.43 1.79 -15.62	33.54 1.90 -14.78	34.34 2.04 -14.04	32.73 2.12 -11.55	33.17 2.42 -9.67	34.29 2.60 -9.48	28.99 2.41 -5.60	26.40 1.87 -6.89	23.43 1.54 -5.88



CHAFFEE___LFGE 323603	10.48 0.24 -2.79	9.29 0.20 -2.77	7.65 0.21 -3.01	8.21 0.26 -2.88	8.84 0.20 -2.58	10.53 0.25 -2.80	16.38 0.57 -2.52	26.52 0.69 -9.83	25.65 0.55 -8.80	25.65 0.52 -8.75	30.15 0.65 -12.81	27.75 0.63 -10.44	26.25 0.45 -9.66	24.98 0.49 -8.72	24.48 0.48 -7.98	22.60 0.37 -6.22	26.18 0.56 -8.77	33.95 0.55 -15.14	35.76 0.90 -15.80	39.63 1.12 -17.43	43.08 1.04 -19.82	29.00 0.73 -7.29	18.64 0.23 -0.77	16.85 0.06 -0.78
CHATEAUG_WT_PWR 323614	7.03 -0.42 0.00	5.93 -0.39 0.00	4.12 -0.31 0.00	4.71 -0.37 0.00	5.65 -0.41 0.00	6.96 -0.51 0.00	12.28 -1.01 0.00	14.86 -1.15 0.00	15.14 -1.16 0.00	15.18 -1.20 0.00	15.41 -1.28 0.00	15.42 -1.25 0.00	14.99 -1.15 0.00	14.63 -1.14 0.00	14.86 -1.15 0.00	14.99 -1.03 0.00	15.77 -1.08 0.00	17.20 -1.06 0.00	17.94 -1.12 0.00	19.82 -1.26 0.00	20.14 -1.27 0.81	19.86 -1.11 0.00	16.87 -0.78 0.00	15.37 -0.64 0.00
CHAT_HIGH_FALL_HYD 323578	7.01 -0.45 0.00	5.91 -0.40 0.00	4.11 -0.32 0.00	4.69 -0.39 0.00	5.64 -0.42 0.00	6.95 -0.52 0.00	12.24 -1.05 0.00	14.79 -1.22 0.00	15.07 -1.22 0.00	15.12 -1.26 0.00	15.35 -1.34 0.00	15.37 -1.30 0.00	14.95 -1.19 0.00	14.59 -1.18 0.00	14.82 -1.20 0.00	14.96 -1.06 0.00	15.72 -1.13 0.00	17.16 -1.09 0.00	17.90 -1.16 0.00	19.78 -1.31 0.00	20.13 -1.29 0.80	19.84 -1.13 0.00	16.85 -0.79 0.00	15.37 -0.64 0.00
CHAUTAUQUA___LFGE 323629	10.56 0.31 -2.79	9.34 0.25 -2.78	7.68 0.24 -3.01	8.26 0.30 -2.88	8.91 0.27 -2.58	10.63 0.34 -2.81	16.56 0.74 -2.52	25.86 0.91 -8.94	25.16 0.80 -8.07	25.16 0.77 -8.01	29.22 0.88 -11.65	27.04 0.87 -9.50	25.63 0.69 -8.80	24.44 0.74 -7.93	24.01 0.74 -7.26	22.32 0.61 -5.69	25.62 0.78 -7.99	32.74 0.78 -13.70	34.38 1.14 -14.17	38.21 1.39 -15.73	41.40 1.29 -17.89	28.53 1.03 -6.53	18.90 0.49 -0.77	17.11 0.32 -0.78
CH_MIDHUDSON___DRP 24192	20.94 0.68 -12.80	19.65 0.59 -12.74	18.69 0.42 -13.84	18.79 0.47 -13.24	18.44 0.52 -11.85	21.02 0.66 -12.88	25.91 1.28 -11.34	29.54 1.47 -12.06	26.90 1.58 -9.03	26.76 1.61 -8.77	27.82 1.67 -9.46	26.06 1.64 -7.75	25.48 1.58 -7.76	23.95 1.58 -6.60	23.68 1.59 -6.08	23.67 1.57 -6.08	25.73 1.67 -7.20	28.77 1.81 -8.71	29.18 1.87 -8.25	32.63 2.17 -9.38	34.24 2.31 -9.71	28.35 2.14 -5.23	22.67 1.62 -3.41	20.78 1.31 -3.46
CH_MISC_IPPS 23765	20.59 0.69 -12.45	19.31 0.60 -12.39	18.32 0.43 -13.46	18.43 0.48 -12.88	18.12 0.53 -11.53	20.68 0.67 -12.53	25.68 1.30 -11.08	29.28 1.49 -11.79	26.71 1.60 -8.82	26.57 1.62 -8.57	27.62 1.69 -9.24	25.90 1.65 -7.57	25.32 1.60 -7.58	23.81 1.59 -6.45	23.56 1.60 -5.94	23.55 1.59 -5.94	25.59 1.70 -7.04	28.59 1.83 -8.51	29.02 1.89 -8.06	32.44 2.19 -9.17	34.06 2.35 -9.49	28.25 2.16 -5.11	22.60 1.62 -3.33	20.71 1.31 -3.38
CH_RES_BVR_FALLS 23983	6.85 -0.22 0.39	5.74 -0.19 0.39	3.88 -0.14 0.42	4.52 -0.16 0.40	5.52 -0.18 0.36	6.85 -0.23 0.39	12.52 -0.43 0.34	15.16 -0.48 0.37	15.54 -0.49 0.27	15.63 -0.49 0.26	15.89 -0.52 0.28	15.95 -0.50 0.23	15.43 -0.47 0.24	15.12 -0.44 0.20	15.40 -0.43 0.19	15.43 -0.40 0.19	16.23 -0.40 0.22	17.59 -0.40 0.27	18.43 -0.38 0.25	20.39 -0.40 0.29	21.41 -0.42 0.39	20.46 -0.36 0.16	17.29 -0.25 0.10	15.70 -0.21 0.11
CH_RES_NIAGARA 23895	9.67 -0.21 -2.42	8.55 -0.18 -2.41	7.00 -0.05 -2.62	7.54 -0.04 -2.51	8.17 -0.14 -2.24	9.73 -0.19 -2.44	15.12 -0.36 -2.19	19.64 -0.58 -4.21	18.73 -0.73 -3.17	18.74 -0.75 -3.11	20.03 -0.65 -3.99	19.30 -0.67 -3.29	18.50 -0.77 -3.14	17.83 -0.71 -2.77	17.82 -0.74 -2.54	17.31 -0.87 -2.16	18.90 -0.79 -2.84	21.68 -0.89 -4.31	23.18 -0.63 -4.75	25.42 -0.59 -4.93	26.81 -0.78 -5.38	21.73 -0.92 -1.67	17.25 -1.06 -0.66	15.69 -0.99 -0.67
CH_RES_SYRACUSE 23985	9.10 0.04 -1.60	7.95 0.04 -1.59	6.19 0.03 -1.73	6.77 0.04 -1.66	7.58 0.04 -1.48	9.12 0.04 -1.61	14.83 0.11 -1.44	17.69 0.13 -1.56	17.71 0.21 -1.20	17.78 0.23 -1.17	18.23 0.28 -1.26	17.96 0.25 -1.03	17.38 0.21 -1.03	16.84 0.19 -0.88	17.02 0.19 -0.81	16.99 0.16 -0.81	18.03 0.22 -0.96	19.44 0.05 -1.12	20.23 0.10 -1.06	22.46 0.17 -1.21	23.69 0.24 -1.23	21.78 0.13 -0.68	18.08 0.00 -0.44	16.46 0.00 -0.45
CLINTON_WT_PWR 323605	7.03 -0.42 0.00	5.93 -0.39 0.00	4.12 -0.31 0.00	4.71 -0.37 0.00	5.65 -0.41 0.00	6.96 -0.51 0.00	12.28 -1.01 0.00	14.86 -1.15 0.00	15.14 -1.16 0.00	15.18 -1.20 0.00	15.41 -1.28 0.00	15.42 -1.25 0.00	14.99 -1.15 0.00	14.63 -1.14 0.00	14.86 -1.15 0.00	14.99 -1.03 0.00	15.77 -1.08 0.00	17.20 -1.06 0.00	17.94 -1.12 0.00	19.82 -1.26 0.00	20.14 -1.27 0.81	19.86 -1.11 0.00	16.87 -0.78 0.00	15.37 -0.64 0.00
CLINTON___LFGE 323618	7.06 -0.40 0.00	5.95 -0.37 0.00	4.13 -0.30 0.00	4.71 -0.37 0.00	5.67 -0.39 0.00	6.99 -0.49 0.00	12.29 -1.00 0.00	14.84 -1.17 0.00	15.12 -1.17 0.00	15.15 -1.23 0.00	15.37 -1.32 0.00	15.39 -1.28 0.00	14.98 -1.16 0.00	14.59 -1.18 0.00	14.83 -1.19 0.00	14.99 -1.03 0.00	15.77 -1.08 0.00	17.24 -1.02 0.00	18.02 -1.05 0.00	19.90 -1.18 0.00	20.30 -1.11 0.81	19.99 -0.99 0.00	16.95 -0.69 0.00	15.47 -0.54 0.00
COLONIE_LFGE___ 323577	23.92 0.40 -16.06	22.63 0.32 -15.99	22.03 0.23 -17.37	21.98 0.28 -16.62	21.33 0.39 -14.88	24.11 0.46 -16.17	28.60 0.78 -14.52	32.44 0.99 -15.44	29.04 1.09 -11.65	28.78 1.08 -11.32	30.00 1.10 -12.21	27.77 1.10 -10.00	27.15 1.05 -9.97	25.27 1.02 -8.48	24.86 1.04 -7.80	24.85 1.03 -7.81	27.21 1.09 -9.26	30.63 1.22 -11.15	30.96 1.33 -10.56	34.59 1.50 -12.01	36.19 1.55 -12.42	29.08 1.41 -6.70	23.22 1.22 -4.36	21.42 0.98 -4.43
COPENHAGEN_WT_PWR 323753	7.98 -0.25 -0.77	6.85 -0.23 -0.77	5.08 -0.19 -0.83	5.69 -0.19 -0.80	6.57 -0.20 -0.71	8.00 -0.25 -0.77	13.63 -0.36 -0.69	16.54 -0.24 -0.77	16.51 -0.37 -0.59	16.58 -0.38 -0.58	16.96 -0.35 -0.62	16.85 -0.33 -0.51	16.31 -0.34 -0.51	15.82 -0.38 -0.43	16.06 -0.35 -0.40	16.06 -0.35 -0.40	17.05 -0.27 -0.47	18.52 -0.29 -0.55	19.34 -0.25 -0.52	21.43 -0.25 -0.60	22.58 -0.09 -0.46	21.03 -0.27 -0.33	17.58 -0.28 -0.22	15.96 -0.27 -0.22
CORNELL____ 23752	11.29 0.22 -3.62	10.12 0.20 -3.60	8.48 0.14 -3.91	8.99 0.16 -3.74	9.60 0.19 -3.35	11.36 0.24 -3.64	17.03 0.49 -3.25	20.13 0.64 -3.48	19.58 0.59 -2.70	19.59 0.59 -2.62	20.15 0.63 -2.83	19.61 0.62 -2.31	18.99 0.53 -2.32	18.26 0.52 -1.97	18.36 0.53 -1.81	18.35 0.51 -1.81	19.63 0.62 -2.15	21.39 0.62 -2.51	22.19 0.74 -2.38	24.70 0.91 -2.71	26.05 1.04 -2.79	23.30 0.82 -1.51	19.14 0.51 -0.98	17.43 0.42 -1.00
COXSACKIE___GT 23611	21.35 0.65 -13.25	20.07 0.56 -13.19	19.17 0.42 -14.32	19.26 0.47 -13.71	18.86 0.53 -12.27	21.49 0.68 -13.33	26.36 1.18 -11.89	30.01 1.36 -12.64	27.22 1.48 -9.45	27.05 1.49 -9.18	28.11 1.52 -9.90	26.27 1.48 -8.11	25.70 1.44 -8.12	24.10 1.42 -6.91	23.80 1.43 -6.36	23.78 1.39 -6.36	25.89 1.50 -7.54	29.03 1.64 -9.13	29.41 1.70 -8.64	32.93 2.02 -9.83	34.53 2.13 -10.18	28.39 1.93 -5.48	22.63 1.41 -3.57	20.82 1.18 -3.63



CPV_VALLEY___CC1 323721	18.87 0.48 -10.93	17.62 0.42 -10.88	16.55 0.30 -11.82	16.72 0.33 -11.31	16.55 0.36 -10.13	18.95 0.47 -11.01	24.02 0.93 -9.80	27.48 1.06 -10.42	25.22 1.14 -7.79	25.11 1.16 -7.57	26.05 1.20 -8.16	24.54 1.18 -6.69	23.98 1.15 -6.69	22.61 1.15 -5.69	22.41 1.15 -5.24	22.42 1.15 -5.24	24.30 1.23 -6.21	27.08 1.30 -7.52	27.55 1.35 -7.13	30.74 1.56 -8.10	32.27 1.67 -8.39	27.05 1.55 -4.52	21.77 1.18 -2.94	19.93 0.93 -2.99
CPV_VALLEY___CC2 323722	18.87 0.48 -10.93	17.62 0.42 -10.88	16.55 0.30 -11.82	16.72 0.33 -11.31	16.55 0.36 -10.13	18.95 0.47 -11.01	24.02 0.93 -9.80	27.48 1.06 -10.42	25.22 1.14 -7.79	25.11 1.16 -7.57	26.05 1.20 -8.16	24.54 1.18 -6.69	23.98 1.15 -6.69	22.61 1.15 -5.69	22.41 1.15 -5.24	22.42 1.15 -5.24	24.30 1.23 -6.21	27.08 1.30 -7.52	27.55 1.35 -7.13	30.74 1.56 -8.10	32.27 1.67 -8.39	27.05 1.55 -4.52	21.77 1.18 -2.94	19.93 0.93 -2.99
CRESCENT___HYD 24018	23.92 0.40 -16.06	22.63 0.32 -15.99	22.03 0.23 -17.37	21.98 0.28 -16.62	21.33 0.39 -14.88	24.11 0.46 -16.17	28.60 0.78 -14.52	32.44 0.99 -15.44	29.04 1.09 -11.65	28.78 1.08 -11.32	30.00 1.10 -12.21	27.77 1.10 -10.00	27.15 1.05 -9.97	25.27 1.02 -8.48	24.86 1.04 -7.80	24.85 1.03 -7.81	27.21 1.09 -9.26	30.63 1.22 -11.15	30.96 1.33 -10.56	34.59 1.50 -12.01	36.19 1.55 -12.42	29.08 1.41 -6.70	23.22 1.22 -4.36	21.42 0.98 -4.43
CRUCIBLE_METL_DRP 24180	9.10 0.04 -1.60	7.95 0.04 -1.59	6.19 0.03 -1.73	6.77 0.04 -1.66	7.58 0.04 -1.48	9.12 0.04 -1.61	14.83 0.11 -1.44	17.69 0.13 -1.56	17.71 0.21 -1.20	17.78 0.23 -1.17	18.23 0.28 -1.26	17.96 0.25 -1.03	17.38 0.21 -1.03	16.84 0.19 -0.88	17.02 0.19 -0.81	16.99 0.16 -0.81	18.03 0.22 -0.96	19.44 0.05 -1.12	20.23 0.10 -1.06	22.46 0.17 -1.21	23.69 0.24 -1.23	21.78 0.13 -0.68	18.08 0.00 -0.44	16.46 0.00 -0.45
DANC___LFGE 323619	8.23 -0.19 -0.95	7.10 -0.17 -0.95	5.33 -0.13 -1.03	5.93 -0.13 -0.99	6.79 -0.15 -0.88	8.25 -0.19 -0.96	13.86 -0.29 -0.86	16.71 -0.24 -0.94	16.69 -0.33 -0.72	16.76 -0.33 -0.70	17.17 -0.28 -0.76	17.03 -0.27 -0.62	16.47 -0.29 -0.62	15.98 -0.32 -0.53	16.20 -0.30 -0.49	16.19 -0.32 -0.49	17.14 -0.29 -0.58	18.61 -0.33 -0.68	19.42 -0.29 -0.64	21.52 -0.30 -0.73	22.68 -0.18 -0.65	21.09 -0.29 -0.41	17.61 -0.30 -0.27	16.01 -0.27 -0.27
DANSKAMMER___1 23586	20.59 0.69 -12.45	19.31 0.60 -12.39	18.32 0.43 -13.46	18.43 0.48 -12.88	18.12 0.53 -11.53	20.68 0.67 -12.53	25.68 1.30 -11.08	29.28 1.49 -11.79	26.71 1.60 -8.82	26.57 1.62 -8.57	27.62 1.69 -9.24	25.90 1.65 -7.57	25.32 1.60 -7.58	23.81 1.59 -6.45	23.56 1.60 -5.94	23.55 1.59 -5.94	25.59 1.70 -7.04	28.59 1.83 -8.51	29.02 1.89 -8.06	32.44 2.19 -9.17	34.06 2.35 -9.49	28.25 2.16 -5.11	22.60 1.62 -3.33	20.71 1.31 -3.38
DANSKAMMER___2 23589	20.59 0.69 -12.45	19.31 0.60 -12.39	18.32 0.43 -13.46	18.43 0.48 -12.88	18.12 0.53 -11.53	20.68 0.67 -12.53	25.68 1.30 -11.08	29.28 1.49 -11.79	26.71 1.60 -8.82	26.57 1.62 -8.57	27.62 1.69 -9.24	25.90 1.65 -7.57	25.32 1.60 -7.58	23.81 1.59 -6.45	23.56 1.60 -5.94	23.55 1.59 -5.94	25.59 1.70 -7.04	28.59 1.83 -8.51	29.02 1.89 -8.06	32.44 2.19 -9.17	34.06 2.35 -9.49	28.25 2.16 -5.11	22.60 1.62 -3.33	20.71 1.31 -3.38
DANSKAMMER___3 23590	20.59 0.69 -12.45	19.31 0.60 -12.39	18.32 0.43 -13.46	18.43 0.48 -12.88	18.12 0.53 -11.53	20.68 0.67 -12.53	25.68 1.30 -11.08	29.28 1.49 -11.79	26.71 1.60 -8.82	26.57 1.62 -8.57	27.62 1.69 -9.24	25.90 1.65 -7.57	25.32 1.60 -7.58	23.81 1.59 -6.45	23.56 1.60 -5.94	23.55 1.59 -5.94	25.59 1.70 -7.04	28.59 1.83 -8.51	29.02 1.89 -8.06	32.44 2.19 -9.17	34.06 2.35 -9.49	28.25 2.16 -5.11	22.60 1.62 -3.33	20.71 1.31 -3.38
DANSKAMMER___4 23591	20.59 0.69 -12.45	19.31 0.60 -12.39	18.32 0.43 -13.46	18.43 0.48 -12.88	18.12 0.53 -11.53	20.68 0.67 -12.53	25.68 1.30 -11.08	29.28 1.49 -11.79	26.71 1.60 -8.82	26.57 1.62 -8.57	27.62 1.69 -9.24	25.90 1.65 -7.57	25.32 1.60 -7.58	23.81 1.59 -6.45	23.56 1.60 -5.94	23.55 1.59 -5.94	25.59 1.70 -7.04	28.59 1.83 -8.51	29.02 1.89 -8.06	32.44 2.19 -9.17	34.06 2.35 -9.49	28.25 2.16 -5.11	22.60 1.62 -3.33	20.71 1.31 -3.38
DANSKAMMER___DIESEL 23592	20.59 0.69 -12.45	19.31 0.60 -12.39	18.32 0.43 -13.46	18.43 0.48 -12.88	18.12 0.53 -11.53	20.68 0.67 -12.53	25.68 1.30 -11.08	29.28 1.49 -11.79	26.71 1.60 -8.82	26.57 1.62 -8.57	27.62 1.69 -9.24	25.90 1.65 -7.57	25.32 1.60 -7.58	23.81 1.59 -6.45	23.56 1.60 -5.94	23.55 1.59 -5.94	25.59 1.70 -7.04	28.59 1.83 -8.51	29.02 1.89 -8.06	32.44 2.19 -9.17	34.06 2.35 -9.49	28.25 2.16 -5.11	22.60 1.62 -3.33	20.71 1.31 -3.38
DASHVILLE___HYD 23610	20.56 0.57 -12.53	19.29 0.50 -12.48	18.34 0.35 -13.55	18.44 0.40 -12.97	18.10 0.43 -11.61	20.64 0.55 -12.62	25.57 1.08 -11.21	29.16 1.23 -11.92	26.52 1.35 -8.87	26.38 1.38 -8.62	27.42 1.44 -9.30	25.69 1.40 -7.61	25.12 1.36 -7.63	23.61 1.36 -6.49	23.35 1.36 -5.97	23.34 1.35 -5.98	25.36 1.43 -7.08	28.38 1.51 -8.61	28.78 1.56 -8.15	32.16 1.81 -9.27	33.77 1.96 -9.60	27.95 1.80 -5.17	22.37 1.36 -3.37	20.50 1.07 -3.42
DELAWARE___LFGE 323621	15.04 0.40 -7.18	13.81 0.34 -7.15	12.44 0.24 -7.77	12.79 0.28 -7.43	13.04 0.32 -6.65	15.12 0.41 -7.23	20.59 0.84 -6.46	23.89 1.01 -6.87	22.59 0.99 -5.30	22.53 1.00 -5.15	23.29 1.05 -5.55	22.26 1.03 -4.55	21.65 0.97 -4.55	20.60 0.96 -3.87	20.55 0.98 -3.56	20.54 0.96 -3.56	22.13 1.06 -4.22	24.41 1.19 -4.96	25.05 1.28 -4.70	27.88 1.45 -5.35	29.32 1.58 -5.53	25.38 1.43 -2.98	20.66 1.08 -1.94	18.83 0.85 -1.97
DOGLEVILLE___HYD 23807	7.69 0.23 0.00	6.50 0.18 0.00	4.55 0.12 0.00	5.21 0.13 0.00	6.21 0.15 0.00	7.65 0.18 0.00	13.62 0.33 0.00	16.42 0.42 0.00	16.70 0.41 0.00	16.80 0.43 0.00	17.16 0.47 0.00	17.14 0.47 0.00	16.59 0.45 0.00	16.21 0.44 0.00	16.48 0.46 0.00	16.48 0.46 0.00	17.38 0.52 0.00	18.84 0.58 0.00	19.71 0.65 0.00	21.86 0.78 0.00	23.03 0.84 0.03	21.77 0.80 0.00	18.30 0.65 0.00	16.62 0.61 0.00
DUNKIRK___1 23563	10.55 0.31 -2.79	9.34 0.25 -2.77	7.68 0.24 -3.01	8.25 0.29 -2.88	8.90 0.26 -2.58	10.61 0.34 -2.80	16.54 0.73 -2.52	25.85 0.90 -8.95	25.13 0.77 -8.07	25.12 0.74 -8.01	29.20 0.87 -11.65	27.00 0.83 -9.49	25.60 0.66 -8.80	24.41 0.71 -7.93	23.98 0.70 -7.26	22.28 0.58 -5.69	25.58 0.74 -7.99	32.71 0.75 -13.70	34.35 1.11 -14.18	38.17 1.35 -15.73	41.37 1.27 -17.89	28.52 1.01 -6.54	18.88 0.48 -0.76	17.09 0.30 -0.78
DUNKIRK___2 23564	10.55 0.31 -2.79	9.34 0.25 -2.77	7.68 0.24 -3.01	8.25 0.29 -2.88	8.90 0.26 -2.58	10.61 0.34 -2.80	16.54 0.73 -2.52	25.85 0.90 -8.95	25.13 0.77 -8.07	25.12 0.74 -8.01	29.20 0.87 -11.65	27.00 0.83 -9.49	25.60 0.66 -8.80	24.41 0.71 -7.93	23.98 0.70 -7.26	22.28 0.58 -5.69	25.58 0.74 -7.99	32.71 0.75 -13.70	34.35 1.11 -14.18	38.17 1.35 -15.73	41.37 1.27 -17.89	28.52 1.01 -6.54	18.88 0.48 -0.76	17.09 0.30 -0.78



DUNKIRK___3 23565	10.49 0.26 -2.77	9.30 0.21 -2.76	7.64 0.22 -3.00	8.21 0.27 -2.87	8.86 0.23 -2.57	10.56 0.29 -2.79	16.42 0.62 -2.51	25.42 0.74 -8.68	24.73 0.62 -7.82	24.73 0.59 -7.76	28.67 0.72 -11.26	26.54 0.68 -9.18	25.17 0.52 -8.52	24.01 0.57 -7.67	23.60 0.56 -7.02	21.96 0.43 -5.51	25.17 0.59 -7.73	32.07 0.58 -13.23	33.68 0.93 -13.68	37.43 1.16 -15.19	40.55 1.07 -17.27	28.11 0.82 -6.32	18.72 0.32 -0.76	16.96 0.18 -0.77
DUNKIRK___4 23566	10.49 0.26 -2.77	9.30 0.21 -2.76	7.64 0.22 -3.00	8.21 0.27 -2.87	8.86 0.23 -2.57	10.56 0.29 -2.79	16.42 0.62 -2.51	25.42 0.74 -8.68	24.73 0.62 -7.82	24.73 0.59 -7.76	28.67 0.72 -11.26	26.54 0.68 -9.18	25.17 0.52 -8.52	24.01 0.57 -7.67	23.60 0.56 -7.02	21.96 0.43 -5.51	25.17 0.59 -7.73	32.07 0.58 -13.23	33.68 0.93 -13.68	37.43 1.16 -15.19	40.55 1.07 -17.27	28.11 0.82 -6.32	18.72 0.32 -0.76	16.96 0.18 -0.77
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.51 0.72 -12.33	19.22 0.63 -12.28	18.21 0.44 -13.34	18.33 0.49 -12.76	18.03 0.55 -11.42	20.58 0.70 -12.42	25.70 1.36 -11.05	29.34 1.59 -11.75	26.77 1.68 -8.80	26.63 1.70 -8.55	27.68 1.77 -9.22	25.98 1.75 -7.55	25.40 1.69 -7.57	23.89 1.69 -6.44	23.64 1.70 -5.92	23.64 1.70 -5.93	25.66 1.79 -7.02	28.68 1.93 -8.48	29.10 2.00 -8.04	32.52 2.30 -9.14	34.14 2.47 -9.46	28.36 2.29 -5.10	22.73 1.76 -3.32	20.81 1.42 -3.37
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.11 0.60 -12.05	18.84 0.52 -12.00	17.84 0.37 -13.03	17.97 0.42 -12.47	17.68 0.46 -11.16	20.20 0.59 -12.13	25.19 1.14 -10.76	28.76 1.31 -11.44	26.25 1.40 -8.56	26.14 1.44 -8.31	27.14 1.48 -8.97	25.49 1.47 -7.34	24.92 1.42 -7.36	23.44 1.42 -6.26	23.20 1.43 -5.76	23.19 1.41 -5.76	25.18 1.50 -6.83	28.13 1.61 -8.26	28.55 1.66 -7.83	31.92 1.94 -8.90	33.50 2.07 -9.21	27.85 1.91 -4.97	22.32 1.45 -3.23	20.45 1.15 -3.28
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.69 0.72 -12.51	19.23 0.62 -12.29	18.22 0.44 -13.35	18.35 0.50 -12.77	18.06 0.57 -11.43	20.62 0.72 -12.42	25.76 1.37 -11.10	29.41 1.65 -11.76	26.99 1.71 -8.98	27.02 1.77 -8.87	28.03 1.84 -9.50	26.50 1.80 -8.03	25.85 1.76 -7.95	24.50 1.73 -6.99	24.30 1.76 -6.52	24.29 1.75 -6.53	26.17 1.85 -7.46	29.02 2.01 -8.75	29.35 2.08 -8.21	33.16 2.38 -9.70	34.24 2.55 -9.47	28.95 2.35 -5.63	22.96 1.82 -3.50	20.95 1.44 -3.50
EAST HAMPTON___GT 23717	21.41 1.45 -12.50	19.81 1.21 -12.27	18.59 0.82 -13.34	18.74 0.90 -12.76	18.56 1.08 -11.42	21.30 1.41 -12.42	27.18 2.80 -11.09	31.25 3.49 -11.75	28.62 3.36 -8.97	28.64 3.41 -8.86	29.98 3.57 -9.71	29.37 3.45 -9.25	27.41 3.21 -8.06	27.40 3.17 -8.46	27.20 3.20 -7.98	27.66 3.20 -8.44	28.80 3.49 -8.46	31.00 3.96 -8.79	31.66 4.18 -8.42	35.00 4.76 -9.15	36.85 5.18 -9.46	30.64 4.55 -5.11	25.81 3.62 -4.55	22.52 3.03 -3.48
EAST RIVER___6 23660	24.55 0.76 -16.33	19.33 0.66 -12.35	18.27 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.65 0.75 -12.43	26.79 1.46 -12.04	29.47 1.70 -11.77	30.82 1.79 -12.73	33.80 1.83 -15.59	33.89 1.90 -15.30	34.84 1.88 -16.29	34.02 1.82 -16.05	34.18 1.81 -16.60	34.84 1.83 -16.99	34.11 1.83 -16.27	34.08 1.92 -15.31	34.75 2.08 -14.41	33.00 2.15 -11.78	33.23 2.44 -9.70	34.31 2.62 -9.48	29.04 2.43 -5.64	26.66 1.89 -7.13	23.60 1.54 -6.05
EAST RIVER___7 23524	24.55 0.76 -16.33	19.33 0.66 -12.35	18.27 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.65 0.75 -12.43	26.79 1.46 -12.04	29.47 1.70 -11.77	30.82 1.79 -12.73	33.80 1.83 -15.59	33.89 1.90 -15.30	34.84 1.88 -16.29	34.02 1.82 -16.05	34.18 1.81 -16.60	34.84 1.83 -16.99	34.11 1.83 -16.27	34.08 1.92 -15.31	34.75 2.08 -14.41	33.00 2.15 -11.78	33.23 2.44 -9.70	34.31 2.62 -9.48	29.04 2.43 -5.64	26.66 1.89 -7.13	23.60 1.54 -6.05
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.61 0.68 -12.47	19.17 0.59 -12.27	18.17 0.42 -13.32	18.30 0.47 -12.75	17.99 0.51 -11.41	20.53 0.66 -12.40	25.65 1.29 -11.08	29.25 1.50 -11.74	26.82 1.58 -8.94	26.81 1.62 -8.81	27.82 1.69 -9.45	26.21 1.65 -7.88	25.64 1.61 -7.88	24.20 1.61 -6.82	23.98 1.62 -6.34	23.94 1.60 -6.32	25.89 1.70 -7.33	28.80 1.84 -8.70	29.14 1.91 -8.17	32.42 2.19 -9.15	34.00 2.33 -9.45	28.25 2.16 -5.11	22.78 1.68 -3.46	20.83 1.35 -3.47
EAST_HAMPTON___DIESEL 23722	21.40 1.45 -12.50	19.81 1.21 -12.27	18.59 0.82 -13.34	18.74 0.90 -12.76	18.56 1.08 -11.42	21.30 1.41 -12.42	27.18 2.80 -11.09	31.25 3.49 -11.75	28.62 3.36 -8.97	28.64 3.41 -8.86	29.98 3.57 -9.71	29.37 3.45 -9.25	27.41 3.21 -8.06	27.40 3.17 -8.46	27.20 3.20 -7.98	27.66 3.20 -8.44	28.80 3.49 -8.46	31.00 3.96 -8.79	31.66 4.18 -8.42	35.00 4.76 -9.15	36.85 5.18 -9.46	30.64 4.55 -5.11	25.81 3.62 -4.55	22.52 3.03 -3.48
EAST_RIVER___1 323558	24.18 0.76 -15.96	19.32 0.66 -12.34	18.27 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.64 0.74 -12.43	26.72 1.45 -11.98	29.45 1.68 -11.76	30.55 1.78 -12.48	33.34 1.82 -15.14	33.49 1.89 -14.91	34.26 1.85 -15.73	33.45 1.79 -15.52	33.51 1.78 -15.96	34.12 1.81 -16.29	33.43 1.79 -15.62	33.54 1.90 -14.78	34.34 2.04 -14.04	32.73 2.12 -11.55	33.17 2.42 -9.67	34.29 2.60 -9.48	28.99 2.41 -5.60	26.40 1.87 -6.89	23.43 1.54 -5.88
EAST_RIVER___2 323559	24.55 0.76 -16.33	19.33 0.66 -12.35	18.27 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.65 0.75 -12.43	26.79 1.46 -12.04	29.47 1.70 -11.77	30.82 1.79 -12.73	33.80 1.83 -15.59	33.89 1.90 -15.30	34.84 1.88 -16.29	34.02 1.82 -16.05	34.18 1.81 -16.60	34.84 1.83 -16.99	34.11 1.83 -16.27	34.08 1.92 -15.31	34.75 2.08 -14.41	33.00 2.15 -11.78	33.23 2.44 -9.70	34.31 2.62 -9.48	29.04 2.43 -5.64	26.66 1.89 -7.13	23.60 1.54 -6.05
EAST___DELAWARE_HYD 23607	19.42 0.63 -11.34	18.15 0.54 -11.29	17.08 0.39 -12.26	17.25 0.44 -11.73	17.04 0.48 -10.50	19.51 0.62 -11.41	24.64 1.21 -10.14	28.18 1.39 -10.78	25.75 1.63 -7.82	25.64 1.65 -7.60	26.59 1.70 -8.20	25.06 1.67 -6.72	24.46 1.60 -6.73	23.08 1.59 -5.72	22.90 1.62 -5.27	22.89 1.60 -5.27	24.83 1.74 -6.24	27.74 1.70 -7.79	28.22 1.77 -7.38	31.54 2.07 -8.39	33.10 2.20 -8.68	27.67 2.01 -4.68	22.19 1.50 -3.05	20.32 1.22 -3.10
ELEC_TRO_TEK 24086	20.79 0.84 -12.50	19.24 0.65 -12.27	18.20 0.43 -13.34	18.31 0.47 -12.76	18.02 0.54 -11.42	20.61 0.72 -12.42	25.94 1.57 -11.09	29.69 1.94 -11.75	27.17 1.91 -8.97	27.18 1.95 -8.86	28.39 1.99 -9.72	27.87 1.95 -9.25	26.11 1.90 -8.06	26.12 1.89 -8.46	25.92 1.92 -7.98	26.30 1.84 -8.44	27.30 1.99 -8.46	29.12 2.12 -8.75	29.62 2.21 -8.35	32.79 2.55 -9.15	34.34 2.66 -9.46	28.63 2.54 -5.11	23.25 1.98 -3.63	21.16 1.67 -3.48
ELLENBURG_WT_PWR 323604	7.03 -0.42 0.00	5.93 -0.39 0.00	4.12 -0.31 0.00	4.71 -0.37 0.00	5.65 -0.41 0.00	6.96 -0.51 0.00	12.28 -1.01 0.00	14.86 -1.15 0.00	15.14 -1.16 0.00	15.18 -1.20 0.00	15.41 -1.28 0.00	15.42 -1.25 0.00	14.99 -1.15 0.00	14.63 -1.14 0.00	14.86 -1.15 0.00	14.99 -1.03 0.00	15.77 -1.08 0.00	17.20 -1.06 0.00	17.94 -1.12 0.00	19.82 -1.26 0.00	20.14 -1.27 0.81	19.86 -1.11 0.00	16.87 -0.78 0.00	15.37 -0.64 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	10.19 0.10 -2.63	9.02 0.08 -2.62	7.40 0.13 -2.84	7.96 0.16 -2.72	8.59 0.10 -2.44	10.24 0.12 -2.65	15.95 0.28 -2.38	24.52 0.30 -8.21	24.23 0.16 -7.77	24.23 0.13 -7.72	28.18 0.25 -11.24	26.09 0.25 -9.17	24.73 0.10 -8.49	23.56 0.14 -7.65	23.15 0.13 -7.00	21.50 0.00 -5.48	24.69 0.13 -7.71	31.59 0.09 -13.24	32.83 0.40 -13.36	36.77 0.57 -15.12	39.96 0.44 -17.30	27.21 0.23 -6.00	18.20 -0.16 -0.72	16.50 -0.24 -0.73
EMPIRE_CC_1 323656	22.63 0.31 -14.86	21.38 0.27 -14.79	20.69 0.19 -16.07	20.68 0.22 -15.37	20.14 0.31 -13.76	22.81 0.38 -14.96	27.32 0.65 -13.38	31.05 0.82 -14.22	27.88 0.90 -10.69	27.67 0.90 -10.39	28.79 0.90 -11.20	26.77 0.92 -9.18	26.18 0.85 -9.18	24.42 0.84 -7.81	24.07 0.86 -7.19	24.08 0.86 -7.19	26.30 0.93 -8.52	29.55 1.02 -10.27	29.94 1.14 -9.73	33.39 1.24 -11.06	34.98 1.31 -11.46	28.34 1.19 -6.17	22.72 1.06 -4.02	20.96 0.86 -4.08
EMPIRE_CC_2 323658	22.63 0.31 -14.86	21.38 0.27 -14.79	20.69 0.19 -16.07	20.68 0.22 -15.37	20.14 0.31 -13.76	22.81 0.38 -14.96	27.32 0.65 -13.38	31.05 0.82 -14.22	27.88 0.90 -10.69	27.67 0.90 -10.39	28.79 0.90 -11.20	26.77 0.92 -9.18	26.18 0.85 -9.18	24.42 0.84 -7.81	24.07 0.86 -7.19	24.08 0.86 -7.19	26.30 0.93 -8.52	29.55 1.02 -10.27	29.94 1.14 -9.73	33.39 1.24 -11.06	34.98 1.31 -11.46	28.34 1.19 -6.17	22.72 1.06 -4.02	20.96 0.86 -4.08
ERIE_WT_PWR 323693	10.35 0.19 -2.70	9.17 0.16 -2.69	7.53 0.18 -2.92	8.10 0.23 -2.79	8.74 0.18 -2.50	10.41 0.22 -2.72	16.23 0.49 -2.44	26.87 0.56 -10.30	25.72 0.44 -8.98	25.72 0.41 -8.93	30.35 0.53 -13.13	27.89 0.52 -10.70	26.39 0.35 -9.89	25.10 0.39 -8.93	24.57 0.38 -8.17	22.62 0.26 -6.35	26.23 0.40 -8.97	34.19 0.38 -15.55	36.30 0.72 -16.51	39.99 0.93 -17.98	43.45 0.84 -20.39	29.28 0.59 -7.72	18.51 0.12 -0.74	16.77 0.00 -0.76
ETNA_115_KV_TB1_REV_LBMP_C 345029	11.27 0.21 -3.61	10.09 0.18 -3.59	8.46 0.13 -3.90	8.97 0.16 -3.73	9.58 0.18 -3.34	11.33 0.22 -3.63	17.01 0.48 -3.24	20.08 0.61 -3.47	19.54 0.55 -2.69	19.55 0.56 -2.61	20.13 0.62 -2.82	19.57 0.58 -2.31	18.97 0.52 -2.31	18.24 0.50 -1.97	18.34 0.51 -1.81	18.33 0.50 -1.81	19.59 0.59 -2.14	21.36 0.60 -2.50	22.14 0.71 -2.37	24.64 0.86 -2.70	25.99 1.00 -2.78	23.26 0.78 -1.51	19.12 0.49 -0.98	17.41 0.40 -1.00
E_CANADA_CAP_HY 24051	26.88 0.19 -19.24	25.59 0.12 -19.15	25.32 0.09 -20.80	25.12 0.14 -19.90	24.08 0.21 -17.82	27.08 0.25 -19.36	31.29 0.64 -17.36	35.26 0.80 -18.45	31.15 0.85 -14.01	30.77 0.77 -13.62	32.21 0.83 -14.68	29.47 0.77 -12.03	28.80 0.71 -11.95	26.63 0.72 -10.17	26.10 0.72 -9.36	26.07 0.69 -9.36	28.74 0.79 -11.09	32.53 0.95 -13.32	32.73 1.05 -12.62	36.72 1.29 -14.35	38.40 1.33 -14.85	30.13 1.15 -8.01	23.74 0.88 -5.21	21.79 0.48 -5.30
E_CANADA_MHWK_HY 24050	7.69 0.23 0.00	6.50 0.18 0.00	4.55 0.12 0.00	5.21 0.13 0.00	6.21 0.15 0.00	7.65 0.18 0.00	13.62 0.33 0.00	16.42 0.42 0.00	16.70 0.41 0.00	16.80 0.43 0.00	17.16 0.47 0.00	17.14 0.47 0.00	16.59 0.45 0.00	16.21 0.44 0.00	16.48 0.46 0.00	16.48 0.46 0.00	17.38 0.52 0.00	18.84 0.58 0.00	19.71 0.65 0.00	21.86 0.78 0.00	23.03 0.84 0.03	21.77 0.80 0.00	18.30 0.65 0.00	16.62 0.61 0.00
E_FISHKILL__LBMP 23776	20.55 0.63 -12.46	19.27 0.54 -12.41	18.29 0.39 -13.48	18.40 0.43 -12.90	18.09 0.48 -11.54	20.63 0.61 -12.55	25.65 1.20 -11.16	29.27 1.39 -11.87	26.65 1.47 -8.89	26.53 1.51 -8.64	27.58 1.57 -9.32	25.84 1.53 -7.63	25.27 1.48 -7.65	23.75 1.48 -6.50	23.49 1.49 -5.99	23.50 1.49 -5.99	25.53 1.58 -7.10	28.53 1.70 -8.57	28.96 1.77 -8.12	32.34 2.02 -9.23	33.93 2.15 -9.56	28.14 2.01 -5.15	22.55 1.55 -3.35	20.67 1.25 -3.41
FAR ROCKAWAY__4 23548	20.90 0.95 -12.50	19.34 0.75 -12.27	18.26 0.50 -13.34	18.38 0.54 -12.76	18.11 0.63 -11.42	20.73 0.84 -12.42	26.16 1.78 -11.09	29.98 2.22 -11.75	27.46 2.20 -8.97	27.48 2.24 -8.86	28.71 2.30 -9.72	28.19 2.27 -9.25	26.40 2.19 -8.06	26.40 2.18 -8.46	26.19 2.19 -7.98	26.59 2.13 -8.44	27.60 2.29 -8.46	29.43 2.43 -8.74	29.96 2.56 -8.34	33.19 2.95 -9.15	34.72 3.04 -9.46	29.02 2.94 -5.11	23.46 2.26 -3.55	21.43 1.94 -3.48
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.50 0.77 -16.27	19.33 0.66 -12.35	18.27 0.47 -13.37	18.40 0.52 -12.80	18.09 0.59 -11.44	20.65 0.75 -12.43	26.79 1.46 -12.04	29.47 1.70 -11.77	30.80 1.78 -12.73	33.79 1.82 -15.59	33.88 1.89 -15.30	34.81 1.85 -16.29	33.99 1.79 -16.06	34.16 1.78 -16.61	34.83 1.81 -17.00	34.09 1.79 -16.28	34.07 1.90 -15.31	34.72 2.04 -14.42	32.99 2.13 -11.79	33.23 2.44 -9.70	34.29 2.60 -9.48	29.02 2.41 -5.64	26.66 1.89 -7.13	23.60 1.54 -6.05
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.49 0.77 -16.26	19.33 0.66 -12.35	18.27 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.65 0.75 -12.43	26.78 1.45 -12.04	29.45 1.68 -11.77	30.80 1.78 -12.73	33.79 1.82 -15.59	33.88 1.89 -15.30	34.81 1.85 -16.29	33.99 1.79 -16.06	34.16 1.78 -16.61	34.81 1.79 -17.00	34.09 1.79 -16.28	34.07 1.90 -15.31	34.72 2.04 -14.42	32.99 2.13 -11.79	33.21 2.42 -9.70	34.29 2.60 -9.48	29.02 2.41 -5.64	26.66 1.89 -7.13	23.60 1.54 -6.05
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.51 0.76 -16.29	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.65 0.74 -12.43	26.78 1.45 -12.04	29.45 1.68 -11.77	30.80 1.78 -12.73	33.77 1.80 -15.59	33.86 1.87 -15.30	34.81 1.85 -16.29	33.99 1.79 -16.06	34.16 1.78 -16.61	34.81 1.79 -17.00	34.07 1.78 -16.28	34.05 1.89 -15.31	34.72 2.04 -14.42	32.97 2.12 -11.79	33.21 2.42 -9.70	34.27 2.58 -9.48	29.00 2.39 -5.64	26.64 1.87 -7.13	23.58 1.52 -6.05
FARRAGUT__LBMP 323566	24.54 0.75 -16.33	19.32 0.66 -12.35	18.27 0.47 -13.37	18.39 0.52 -12.80	18.08 0.58 -11.44	20.64 0.73 -12.43	26.77 1.44 -12.04	29.44 1.66 -11.77	30.79 1.76 -12.73	33.76 1.79 -15.59	33.84 1.85 -15.30	34.80 1.83 -16.29	33.97 1.78 -16.06	34.14 1.77 -16.61	34.79 1.78 -17.00	34.06 1.76 -16.28	34.03 1.87 -15.31	34.70 2.03 -14.42	32.95 2.10 -11.79	33.19 2.40 -9.70	34.25 2.55 -9.48	29.00 2.39 -5.64	26.62 1.85 -7.13	23.58 1.52 -6.05
FENNER__WINDPWR 24204	9.43 0.13 -1.85	8.27 0.11 -1.84	6.50 0.07 -2.00	7.08 0.09 -1.91	7.88 0.11 -1.71	9.48 0.14 -1.86	15.26 0.31 -1.66	18.38 0.48 -1.89	18.17 0.42 -1.45	18.22 0.43 -1.41	18.68 0.47 -1.52	18.37 0.45 -1.25	17.79 0.40 -1.25	17.22 0.39 -1.06	17.41 0.42 -0.98	17.40 0.40 -0.98	18.50 0.49 -1.16	20.13 0.51 -1.36	20.95 0.59 -1.29	23.25 0.69 -1.47	24.55 0.84 -1.49	22.44 0.65 -0.82	18.60 0.42 -0.53	16.90 0.35 -0.54
FIBERTEK__ENERGY 23856	9.10 0.04 -1.60	7.95 0.04 -1.59	6.19 0.03 -1.73	6.77 0.04 -1.66	7.58 0.04 -1.48	9.12 0.04 -1.61	14.83 0.11 -1.44	17.69 0.13 -1.56	17.71 0.21 -1.20	17.78 0.23 -1.17	18.23 0.28 -1.26	17.96 0.25 -1.03	17.38 0.21 -1.03	16.84 0.19 -0.88	17.02 0.19 -0.81	16.99 0.16 -0.81	18.03 0.22 -0.96	19.44 0.05 -1.12	20.23 0.10 -1.06	22.46 0.17 -1.21	23.69 0.24 -1.23	21.78 0.13 -0.68	18.08 0.00 -0.44	16.46 0.00 -0.45



FITZPATRICK____ 23598	8.29 -0.13 -0.95	7.16 -0.11 -0.95	5.39 -0.07 -1.03	5.99 -0.08 -0.99	6.84 -0.10 -0.88	8.30 -0.13 -0.96	13.92 -0.23 -0.86	16.66 -0.27 -0.92	16.67 -0.33 -0.71	16.75 -0.31 -0.69	17.13 -0.30 -0.74	16.98 -0.30 -0.61	16.42 -0.32 -0.61	15.97 -0.32 -0.52	16.17 -0.32 -0.47	16.16 -0.34 -0.47	17.08 -0.34 -0.56	18.52 -0.40 -0.67	19.32 -0.38 -0.63	21.40 -0.40 -0.72	22.57 -0.38 -0.73	20.95 -0.42 -0.40	17.50 -0.41 -0.26	15.92 -0.35 -0.26
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.64 0.71 -12.48	19.36 0.62 -12.42	18.36 0.44 -13.49	18.48 0.49 -12.91	18.15 0.54 -11.56	20.73 0.70 -12.56	25.73 1.33 -11.11	29.36 1.54 -11.82	26.77 1.63 -8.84	26.65 1.67 -8.59	27.68 1.72 -9.27	25.97 1.70 -7.59	25.37 1.63 -7.60	23.87 1.64 -6.47	23.62 1.65 -5.95	23.61 1.63 -5.96	25.65 1.74 -7.06	28.65 1.86 -8.53	29.07 1.92 -8.08	32.50 2.23 -9.19	34.13 2.40 -9.52	28.32 2.22 -5.13	22.64 1.66 -3.34	20.75 1.35 -3.39
FORT ORANGE____ 23900	23.23 0.46 -15.32	21.95 0.38 -15.25	21.27 0.27 -16.56	21.25 0.33 -15.85	20.65 0.41 -14.19	23.38 0.49 -15.42	27.88 0.73 -13.85	31.62 0.88 -14.73	28.36 0.99 -11.07	28.12 0.98 -10.76	29.33 1.04 -11.60	27.20 1.02 -9.51	26.63 0.98 -9.51	24.82 0.96 -8.09	24.44 0.98 -7.44	24.43 0.96 -7.45	26.69 1.01 -8.83	30.01 1.11 -10.64	30.32 1.18 -10.07	33.89 1.35 -11.45	35.47 1.40 -11.85	28.64 1.28 -6.39	22.86 1.06 -4.16	21.18 0.94 -4.23
FORT_DRUM_COGEN 23780	7.89 -0.27 -0.70	6.76 -0.25 -0.69	4.98 -0.20 -0.75	5.59 -0.21 -0.72	6.49 -0.22 -0.64	7.91 -0.26 -0.70	13.53 -0.39 -0.63	16.45 -0.26 -0.70	16.44 -0.39 -0.54	16.50 -0.41 -0.52	16.87 -0.38 -0.57	16.77 -0.37 -0.46	16.23 -0.37 -0.46	15.75 -0.41 -0.39	15.99 -0.38 -0.36	16.01 -0.37 -0.36	17.01 -0.27 -0.43	18.47 -0.29 -0.50	19.30 -0.25 -0.48	21.37 -0.25 -0.54	22.51 -0.09 -0.38	21.00 -0.27 -0.30	17.56 -0.28 -0.20	15.92 -0.29 -0.20
FPL_FAR_ROCK_GT1 24212	20.90 0.95 -12.50	19.34 0.75 -12.27	18.26 0.50 -13.34	18.38 0.54 -12.76	18.11 0.63 -11.42	20.73 0.84 -12.42	26.16 1.78 -11.09	29.98 2.22 -11.75	27.46 2.20 -8.97	27.48 2.24 -8.86	28.71 2.30 -9.72	28.19 2.27 -9.25	26.40 2.19 -8.06	26.40 2.18 -8.46	26.19 2.19 -7.98	26.59 2.13 -8.44	27.60 2.29 -8.46	29.43 2.43 -8.74	29.96 2.56 -8.34	33.19 2.95 -9.15	34.72 3.04 -9.46	29.02 2.94 -5.11	23.46 2.26 -3.55	21.43 1.94 -3.48
FPL_FAR_ROCK_GT2 23815	20.90 0.95 -12.50	19.34 0.75 -12.27	18.26 0.50 -13.34	18.38 0.54 -12.76	18.11 0.63 -11.42	20.73 0.84 -12.42	26.16 1.78 -11.09	29.98 2.22 -11.75	27.46 2.20 -8.97	27.48 2.24 -8.86	28.71 2.30 -9.72	28.19 2.27 -9.25	26.40 2.19 -8.06	26.40 2.18 -8.46	26.19 2.19 -7.98	26.59 2.13 -8.44	27.60 2.29 -8.46	29.43 2.43 -8.74	29.96 2.56 -8.34	33.19 2.95 -9.15	34.72 3.04 -9.46	29.02 2.94 -5.11	23.46 2.26 -3.55	21.43 1.94 -3.48
FRANKLIN_FALL_HYD 24054	6.96 -0.50 0.00	5.87 -0.45 0.00	4.08 -0.35 0.00	4.66 -0.42 0.00	5.61 -0.45 0.00	6.91 -0.56 0.00	12.15 -1.14 0.00	14.71 -1.30 0.00	14.97 -1.32 0.00	14.99 -1.39 0.00	15.20 -1.49 0.00	15.22 -1.45 0.00	14.82 -1.32 0.00	14.43 -1.34 0.00	14.67 -1.35 0.00	14.83 -1.19 0.00	15.61 -1.25 0.00	17.03 -1.22 0.00	17.81 -1.26 0.00	19.65 -1.43 0.00	20.08 -1.38 0.76	19.74 -1.24 0.00	16.74 -0.90 0.00	15.24 -0.77 0.00
FREEPORT_EQUS_GT1 23764	20.88 0.92 -12.50	19.32 0.73 -12.27	18.25 0.48 -13.34	18.36 0.52 -12.76	18.10 0.61 -11.42	20.71 0.82 -12.42	26.10 1.73 -11.09	29.92 2.16 -11.75	27.38 2.12 -8.97	27.41 2.18 -8.86	28.61 2.20 -9.72	28.09 2.17 -9.25	26.32 2.11 -8.06	26.31 2.08 -8.46	26.11 2.11 -7.98	26.51 2.05 -8.44	27.53 2.22 -8.46	29.42 2.41 -8.76	29.95 2.52 -8.37	33.10 2.87 -9.15	34.74 3.07 -9.46	28.92 2.83 -5.11	23.79 2.29 -3.86	21.37 1.87 -3.48
FREEPORT____CT2 23818	20.88 0.92 -12.50	19.32 0.73 -12.27	18.25 0.48 -13.34	18.36 0.52 -12.76	18.10 0.61 -11.42	20.71 0.82 -12.42	26.10 1.73 -11.09	29.92 2.16 -11.75	27.38 2.12 -8.97	27.41 2.18 -8.86	28.61 2.20 -9.72	28.09 2.17 -9.25	26.32 2.11 -8.06	26.31 2.08 -8.46	26.11 2.11 -7.98	26.51 2.05 -8.44	27.53 2.22 -8.46	29.42 2.41 -8.76	29.95 2.52 -8.37	33.10 2.87 -9.15	34.74 3.07 -9.46	28.92 2.83 -5.11	23.79 2.29 -3.86	21.37 1.87 -3.48
FULTON COGEN____ 23766	8.65 -0.07 -1.26	7.52 -0.05 -1.25	5.75 -0.04 -1.36	6.34 -0.04 -1.30	7.17 -0.05 -1.16	8.67 -0.07 -1.26	14.33 -0.09 -1.13	17.14 -0.10 -1.22	17.07 -0.16 -0.94	17.14 -0.15 -0.91	17.56 -0.12 -0.98	17.35 -0.13 -0.81	16.78 -0.16 -0.81	16.30 -0.16 -0.69	16.49 -0.16 -0.63	16.46 -0.19 -0.63	17.43 -0.17 -0.75	18.92 -0.22 -0.88	19.71 -0.19 -0.84	21.86 -0.17 -0.95	23.06 -0.11 -0.96	21.32 -0.19 -0.53	17.74 -0.25 -0.35	16.15 -0.21 -0.35
FULTON____LFGE 323630	26.33 0.63 -18.24	24.94 0.47 -18.16	24.50 0.35 -19.72	24.43 0.48 -18.87	23.58 0.62 -16.89	26.57 0.74 -18.36	31.36 1.61 -16.46	35.46 1.95 -17.50	31.61 2.02 -13.30	31.15 1.85 -12.92	32.58 1.95 -13.93	29.92 1.83 -11.41	29.23 1.76 -11.33	27.09 1.69 -9.64	26.62 1.73 -8.87	26.58 1.68 -8.88	29.27 1.90 -10.51	33.12 2.23 -12.64	33.44 2.40 -11.97	37.58 2.89 -13.61	39.25 2.95 -14.08	31.21 2.64 -7.60	24.70 2.12 -4.95	22.46 1.42 -5.02
G.F.CEMENT____DRP 24184	24.33 0.54 -16.34	22.99 0.40 -16.26	22.40 0.30 -17.66	22.38 0.40 -16.90	21.72 0.53 -15.13	24.53 0.61 -16.44	29.25 1.20 -14.77	33.19 1.49 -15.69	30.12 1.86 -11.97	29.79 1.79 -11.63	31.13 1.90 -12.54	28.78 1.83 -10.27	28.08 1.76 -10.19	25.93 1.50 -8.66	25.48 1.49 -7.97	25.44 1.44 -7.98	27.82 1.55 -9.42	31.35 1.75 -11.34	31.67 1.87 -10.74	35.46 2.17 -12.21	37.07 2.22 -12.63	29.78 1.99 -6.81	23.76 1.68 -4.44	21.73 1.22 -4.51
GARDENVILLE____LBMP 24039	10.31 0.16 -2.70	9.14 0.13 -2.69	7.51 0.16 -2.91	8.07 0.20 -2.79	8.70 0.15 -2.50	10.38 0.19 -2.72	16.14 0.41 -2.44	25.21 0.46 -8.74	24.46 0.34 -7.83	24.46 0.31 -7.77	28.43 0.43 -11.31	26.31 0.42 -9.22	24.94 0.26 -8.54	23.77 0.30 -7.70	23.35 0.29 -7.04	21.70 0.16 -5.52	24.93 0.32 -7.75	31.85 0.29 -13.30	33.50 0.61 -13.82	37.17 0.80 -15.29	40.30 0.71 -17.37	27.84 0.46 -6.40	18.42 0.04 -0.74	16.68 -0.08 -0.75
GENERAL____MILLS 23808	10.35 0.19 -2.70	9.17 0.16 -2.69	7.52 0.18 -2.92	8.09 0.22 -2.79	8.73 0.17 -2.50	10.40 0.21 -2.72	16.20 0.46 -2.44	26.85 0.54 -10.30	25.69 0.41 -8.98	25.68 0.38 -8.93	30.32 0.50 -13.13	27.86 0.48 -10.70	26.36 0.32 -9.89	25.08 0.38 -8.93	24.54 0.35 -8.17	22.61 0.24 -6.35	26.21 0.39 -8.97	34.18 0.37 -15.55	36.28 0.71 -16.51	39.97 0.91 -17.98	43.40 0.80 -20.39	29.26 0.57 -7.72	18.49 0.11 -0.74	16.75 -0.02 -0.76
GE_PLASTICS____DRP 24183	23.08 0.40 -15.23	21.81 0.33 -15.16	21.14 0.24 -16.47	21.12 0.28 -15.76	20.52 0.36 -14.10	23.24 0.43 -15.33	27.85 0.68 -13.88	31.58 0.82 -14.75	28.25 0.90 -11.07	28.02 0.88 -10.75	29.20 0.92 -11.60	27.09 0.92 -9.50	26.55 0.89 -9.53	24.74 0.87 -8.10	24.36 0.88 -7.46	24.35 0.86 -7.46	26.62 0.93 -8.84	29.93 1.02 -10.65	30.24 1.09 -10.09	33.78 1.22 -11.47	35.35 1.27 -11.87	28.55 1.17 -6.40	22.78 0.97 -4.17	21.09 0.85 -4.24



GILBOA___1 23756	20.45 0.39 -12.60	19.20 0.33 -12.54	18.30 0.24 -13.63	18.39 0.27 -13.04	18.05 0.32 -11.67	20.55 0.40 -12.69	25.36 0.74 -11.33	28.93 0.88 -12.05	26.27 0.93 -9.05	26.11 0.93 -8.79	27.14 0.97 -9.48	25.41 0.97 -7.77	24.84 0.92 -7.78	23.30 0.91 -6.62	23.04 0.93 -6.09	23.03 0.91 -6.09	25.05 0.98 -7.22	28.02 1.06 -8.70	28.45 1.14 -8.24	31.69 1.24 -9.37	33.23 1.31 -9.70	27.46 1.26 -5.23	22.03 0.99 -3.40	20.27 0.80 -3.46
GILBOA___2 23757	20.45 0.39 -12.60	19.20 0.33 -12.54	18.30 0.24 -13.63	18.39 0.27 -13.04	18.05 0.32 -11.67	20.55 0.40 -12.69	25.36 0.74 -11.33	28.93 0.88 -12.05	26.27 0.93 -9.05	26.11 0.93 -8.79	27.14 0.97 -9.48	25.41 0.97 -7.77	24.84 0.92 -7.78	23.30 0.91 -6.62	23.04 0.93 -6.09	23.03 0.91 -6.09	25.05 0.98 -7.22	28.02 1.06 -8.70	28.45 1.14 -8.24	31.69 1.24 -9.37	33.23 1.31 -9.70	27.46 1.26 -5.23	22.03 0.99 -3.40	20.27 0.80 -3.46
GILBOA___3 23758	20.45 0.39 -12.60	19.20 0.33 -12.54	18.30 0.24 -13.63	18.39 0.27 -13.04	18.05 0.32 -11.67	20.55 0.40 -12.69	25.36 0.74 -11.33	28.93 0.88 -12.05	26.27 0.93 -9.05	26.11 0.93 -8.79	27.14 0.97 -9.48	25.41 0.97 -7.77	24.84 0.92 -7.78	23.30 0.91 -6.62	23.04 0.93 -6.09	23.03 0.91 -6.09	25.05 0.98 -7.22	28.02 1.06 -8.70	28.45 1.14 -8.24	31.69 1.24 -9.37	33.23 1.31 -9.70	27.46 1.26 -5.23	22.03 0.99 -3.40	20.27 0.80 -3.46
GILBOA___4 23759	20.45 0.39 -12.60	19.20 0.33 -12.54	18.30 0.24 -13.63	18.39 0.27 -13.04	18.05 0.32 -11.67	20.55 0.40 -12.69	25.36 0.74 -11.33	28.93 0.88 -12.05	26.27 0.93 -9.05	26.11 0.93 -8.79	27.14 0.97 -9.48	25.41 0.97 -7.77	24.84 0.92 -7.78	23.30 0.91 -6.62	23.04 0.93 -6.09	23.03 0.91 -6.09	25.05 0.98 -7.22	28.02 1.06 -8.70	28.45 1.14 -8.24	31.69 1.24 -9.37	33.23 1.31 -9.70	27.46 1.26 -5.23	22.03 0.99 -3.40	20.27 0.80 -3.46
GILBOA____ 23599	20.45 0.39 -12.60	19.20 0.33 -12.54	18.30 0.24 -13.63	18.39 0.27 -13.04	18.05 0.32 -11.67	20.55 0.40 -12.69	25.36 0.74 -11.33	28.93 0.88 -12.05	26.27 0.93 -9.05	26.11 0.93 -8.79	27.14 0.97 -9.48	25.41 0.97 -7.77	24.84 0.92 -7.78	23.30 0.91 -6.62	23.04 0.93 -6.09	23.03 0.91 -6.09	25.05 0.98 -7.22	28.02 1.06 -8.70	28.45 1.14 -8.24	31.69 1.24 -9.37	33.23 1.31 -9.70	27.46 1.26 -5.23	22.03 0.99 -3.40	20.27 0.80 -3.46
GINNA____ 23603	8.91 -0.40 -1.86	7.82 -0.35 -1.85	6.21 -0.23 -2.01	6.74 -0.26 -1.92	7.48 -0.30 -1.72	8.98 -0.36 -1.87	14.32 -0.64 -1.66	16.25 -0.88 -1.12	16.67 -0.99 -1.37	16.75 -0.97 -1.33	17.21 -0.92 -1.44	16.90 -0.95 -1.18	16.33 -0.99 -1.18	15.82 -0.95 -1.00	15.96 -0.98 -0.92	15.87 -1.07 -0.92	16.89 -1.06 -1.09	18.38 -1.17 -1.29	18.57 -1.12 -0.63	21.19 -1.14 -1.24	22.51 -1.13 -1.43	19.98 -1.22 -0.22	16.88 -1.27 -0.50	15.45 -1.07 -0.51
GLEN PARK____ 23778	7.91 -0.28 -0.73	6.79 -0.25 -0.73	5.01 -0.21 -0.79	5.63 -0.21 -0.76	6.52 -0.22 -0.68	7.95 -0.26 -0.74	13.58 -0.37 -0.66	16.51 -0.22 -0.73	16.48 -0.37 -0.56	16.53 -0.39 -0.55	16.91 -0.37 -0.59	16.81 -0.35 -0.48	16.27 -0.36 -0.48	15.78 -0.39 -0.41	16.03 -0.37 -0.38	16.04 -0.35 -0.38	17.06 -0.24 -0.45	18.51 -0.27 -0.53	19.36 -0.21 -0.50	21.44 -0.21 -0.57	22.61 -0.02 -0.42	21.06 -0.23 -0.32	17.60 -0.25 -0.21	15.95 -0.27 -0.21
GLENWOOD_IC_1_G5 23712	20.78 0.83 -12.50	19.27 0.68 -12.27	18.23 0.46 -13.34	18.34 0.50 -12.76	18.06 0.58 -11.42	20.65 0.76 -12.42	25.94 1.57 -11.09	29.68 1.92 -11.75	27.18 1.92 -8.97	27.22 1.98 -8.86	28.44 2.04 -9.71	27.94 2.02 -9.25	26.17 1.97 -8.06	26.18 1.95 -8.46	25.97 1.97 -7.98	26.39 1.94 -8.44	27.36 2.06 -8.46	29.27 2.26 -8.75	29.75 2.33 -8.36	32.85 2.61 -9.15	34.52 2.84 -9.46	28.67 2.58 -5.11	23.45 2.08 -3.72	21.16 1.67 -3.48
GLENWOOD_IC_2_G1 23688	20.73 0.78 -12.50	19.24 0.64 -12.27	18.21 0.44 -13.34	18.33 0.49 -12.76	18.04 0.55 -11.42	20.61 0.72 -12.42	25.85 1.48 -11.09	29.53 1.78 -11.75	27.07 1.81 -8.97	27.08 1.85 -8.86	28.32 1.92 -9.71	27.80 1.88 -9.25	26.04 1.84 -8.06	26.05 1.83 -8.46	25.84 1.84 -7.98	26.27 1.81 -8.44	27.25 1.94 -8.46	29.08 2.08 -8.74	29.58 2.17 -8.34	32.70 2.47 -9.15	34.32 2.64 -9.46	28.54 2.45 -5.11	23.10 1.91 -3.55	21.06 1.57 -3.48
GLENWOOD_IC_3_G1 23689	20.73 0.78 -12.50	19.24 0.64 -12.27	18.21 0.44 -13.34	18.33 0.49 -12.76	18.04 0.55 -11.42	20.61 0.72 -12.42	25.85 1.48 -11.09	29.53 1.78 -11.75	27.07 1.81 -8.97	27.08 1.85 -8.86	28.32 1.92 -9.71	27.80 1.88 -9.25	26.04 1.84 -8.06	26.05 1.83 -8.46	25.84 1.84 -7.98	26.27 1.81 -8.44	27.25 1.94 -8.46	29.08 2.08 -8.74	29.58 2.17 -8.34	32.70 2.47 -9.15	34.32 2.64 -9.46	28.54 2.45 -5.11	23.10 1.91 -3.55	21.06 1.57 -3.48
GLENWOOD___4 23550	20.78 0.83 -12.50	19.27 0.68 -12.27	18.23 0.46 -13.34	18.34 0.50 -12.76	18.06 0.58 -11.42	20.65 0.76 -12.42	25.94 1.57 -11.09	29.68 1.92 -11.75	27.18 1.92 -8.97	27.22 1.98 -8.86	28.44 2.04 -9.71	27.94 2.02 -9.25	26.17 1.97 -8.06	26.18 1.95 -8.46	25.97 1.97 -7.98	26.39 1.94 -8.44	27.36 2.06 -8.46	29.27 2.26 -8.75	29.75 2.33 -8.36	32.85 2.61 -9.15	34.52 2.84 -9.46	28.67 2.58 -5.11	23.45 2.08 -3.72	21.16 1.67 -3.48
GLENWOOD___5 23614	20.78 0.83 -12.50	19.27 0.68 -12.27	18.23 0.46 -13.34	18.34 0.50 -12.76	18.06 0.58 -11.42	20.65 0.76 -12.42	25.94 1.57 -11.09	29.68 1.92 -11.75	27.18 1.92 -8.97	27.22 1.98 -8.86	28.44 2.04 -9.71	27.94 2.02 -9.25	26.17 1.97 -8.06	26.18 1.95 -8.46	25.97 1.97 -7.98	26.39 1.94 -8.44	27.36 2.06 -8.46	29.27 2.26 -8.75	29.75 2.33 -8.36	32.85 2.61 -9.15	34.52 2.84 -9.46	28.67 2.58 -5.11	23.45 2.08 -3.72	21.16 1.67 -3.48
GLOBAL GREEN_PORT_GT1 23814	21.41 1.45 -12.50	19.81 1.22 -12.27	18.59 0.82 -13.34	18.74 0.90 -12.76	18.57 1.08 -11.42	21.31 1.42 -12.42	27.19 2.82 -11.09	31.26 3.51 -11.75	28.63 3.37 -8.97	28.66 3.42 -8.86	29.98 3.57 -9.71	29.39 3.47 -9.25	27.41 3.21 -8.06	27.41 3.19 -8.46	27.20 3.20 -7.98	27.68 3.22 -8.44	28.82 3.51 -8.46	31.00 3.96 -8.79	31.68 4.19 -8.42	35.02 4.79 -9.15	36.87 5.20 -9.46	30.66 4.57 -5.11	25.83 3.63 -4.55	22.54 3.04 -3.48
GLOBE___DSASP 323697	9.61 -0.25 -2.40	8.49 -0.21 -2.38	6.97 -0.07 -2.61	7.51 -0.07 -2.50	8.11 -0.17 -2.22	9.66 -0.22 -2.41	15.01 -0.44 -2.16	14.92 -0.67 0.42	14.90 -0.83 0.56	14.91 -0.85 0.61	14.17 -0.75 1.77	14.44 -0.77 1.47	14.07 -0.87 1.20	13.77 -0.80 1.20	14.10 -0.83 1.09	14.63 -0.95 0.44	14.95 -0.89 1.01	14.42 -1.00 2.83	14.90 -0.74 3.42	16.92 -0.72 3.45	17.14 -0.91 4.17	18.63 -1.05 1.29	17.14 -1.16 0.66	15.61 -1.07 -0.67
GOETHSLN___LBMP 323567	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.51 -12.80	18.07 0.57 -11.44	20.63 0.72 -12.43	26.77 1.44 -12.04	29.39 1.62 -11.77	30.74 1.71 -12.73	33.71 1.74 -15.59	33.81 1.82 -15.30	34.75 1.78 -16.29	33.92 1.73 -16.06	34.09 1.72 -16.61	34.75 1.73 -17.00	34.03 1.73 -16.28	33.98 1.82 -15.31	34.65 1.97 -14.42	32.89 2.04 -11.79	33.13 2.34 -9.70	34.18 2.49 -9.48	28.94 2.33 -5.64	26.59 1.82 -7.13	23.55 1.49 -6.05



GOODYEAR_LAKE_HYD 323669	13.38 0.39 -5.54	12.15 0.32 -5.51	10.65 0.23 -5.99	11.08 0.27 -5.73	11.51 0.32 -5.13	13.46 0.41 -5.57	19.17 0.89 -4.99	22.42 1.10 -5.31	21.48 1.08 -4.11	21.45 1.08 -3.99	22.13 1.14 -4.31	21.30 1.10 -3.53	20.68 1.03 -3.51	19.76 1.01 -2.99	19.81 1.04 -2.75	19.80 1.03 -2.75	21.27 1.16 -3.26	23.37 1.28 -3.83	24.09 1.39 -3.63	26.79 1.58 -4.13	28.21 1.73 -4.27	24.81 1.53 -2.30	20.29 1.15 -1.50	18.41 0.88 -1.52
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	12.94 0.25 -5.23	11.75 0.22 -5.21	10.25 0.16 -5.66	10.69 0.19 -5.41	11.12 0.21 -4.85	13.00 0.26 -5.27	18.51 0.52 -4.70	22.23 0.62 -5.60	20.69 0.55 -3.85	20.67 0.56 -3.74	21.34 0.62 -4.03	20.57 0.60 -3.30	19.98 0.53 -3.30	19.12 0.54 -2.81	19.13 0.53 -2.59	19.10 0.50 -2.59	20.51 0.59 -3.07	24.04 0.62 -5.16	24.67 0.76 -4.84	27.63 0.91 -5.64	29.28 0.98 -6.09	24.46 0.82 -2.67	19.59 0.53 -1.42	17.87 0.42 -1.44
GOUDEY___7 23579	12.95 0.25 -5.23	11.75 0.22 -5.21	10.26 0.17 -5.66	10.69 0.20 -5.41	11.13 0.22 -4.85	13.01 0.27 -5.27	18.53 0.53 -4.70	22.23 0.62 -5.60	20.71 0.57 -3.85	20.69 0.57 -3.74	21.35 0.63 -4.03	20.59 0.62 -3.30	19.98 0.53 -3.30	19.12 0.54 -2.81	19.15 0.54 -2.59	19.12 0.51 -2.59	20.51 0.59 -3.07	24.06 0.64 -5.16	24.67 0.76 -4.84	27.65 0.93 -5.64	29.31 1.00 -6.09	24.48 0.84 -2.67	19.61 0.55 -1.42	17.87 0.42 -1.44
GOUDEY___8 23580	12.94 0.25 -5.23	11.75 0.22 -5.21	10.25 0.16 -5.66	10.69 0.19 -5.41	11.12 0.21 -4.85	13.00 0.26 -5.27	18.51 0.52 -4.70	22.23 0.62 -5.60	20.69 0.55 -3.85	20.67 0.56 -3.74	21.34 0.62 -4.03	20.57 0.60 -3.30	19.98 0.53 -3.30	19.12 0.54 -2.81	19.13 0.53 -2.59	19.10 0.50 -2.59	20.51 0.59 -3.07	24.04 0.62 -5.16	24.67 0.76 -4.84	27.63 0.91 -5.64	29.28 0.98 -6.09	24.46 0.82 -2.67	19.59 0.53 -1.42	17.87 0.42 -1.44
GOWANUS_GT1_1 24077	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT1_2 24078	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT1_3 24079	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT1_4 24080	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT1_5 24084	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT1_6 24111	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT1_7 24112	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT1_8 24113	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT2_1 24114	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT2_2 24115	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT2_3 24116	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64



GOWANUS_GT2_4 24117	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT2_5 24118	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT2_6 24119	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT2_7 24120	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT2_8 24121	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT3_1 24122	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT3_2 24123	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT3_3 24124	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT3_4 24125	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT3_5 24126	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT3_6 24127	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT3_7 24128	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT3_8 24129	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT4_1 24130	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT4_2 24131	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64



GOWANUS_GT4_3 24132	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT4_4 24133	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT4_5 24134	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT4_6 24135	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT4_7 24136	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GOWANUS_GT4_8 24137	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GREENIDGE___3 23582	10.79 0.16 -3.17	9.62 0.15 -3.15	7.98 0.12 -3.43	8.50 0.15 -3.28	9.15 0.16 -2.93	10.86 0.19 -3.19	16.56 0.43 -2.85	20.50 0.51 -3.98	20.00 0.42 -3.28	20.02 0.43 -3.21	21.13 0.50 -3.94	20.36 0.47 -3.22	19.61 0.35 -3.11	18.85 0.36 -2.72	18.86 0.35 -2.49	18.56 0.29 -2.25	20.12 0.40 -2.86	22.72 0.38 -4.07	23.64 0.57 -4.00	26.35 0.74 -4.53	28.01 0.84 -4.95	23.72 0.61 -2.14	18.75 0.25 -0.86	17.06 0.18 -0.87
GREENIDGE___4 23583	10.79 0.16 -3.17	9.62 0.15 -3.15	7.98 0.12 -3.43	8.50 0.15 -3.28	9.15 0.16 -2.93	10.86 0.19 -3.19	16.56 0.43 -2.85	20.50 0.51 -3.98	20.00 0.42 -3.28	20.02 0.43 -3.21	21.13 0.50 -3.94	20.36 0.47 -3.22	19.61 0.35 -3.11	18.85 0.36 -2.72	18.86 0.35 -2.49	18.56 0.29 -2.25	20.12 0.40 -2.86	22.72 0.38 -4.07	23.64 0.57 -4.00	26.35 0.74 -4.53	28.01 0.84 -4.95	23.72 0.61 -2.14	18.75 0.25 -0.86	17.06 0.18 -0.87
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
GROVEVILLE___HYD 323602	20.64 0.71 -12.48	19.36 0.62 -12.42	18.36 0.44 -13.49	18.48 0.49 -12.91	18.15 0.54 -11.56	20.73 0.70 -12.56	25.73 1.33 -11.11	29.36 1.54 -11.82	26.77 1.63 -8.84	26.65 1.67 -8.59	27.68 1.72 -9.27	25.97 1.70 -7.59	25.37 1.63 -7.60	23.87 1.64 -6.47	23.62 1.65 -5.95	23.61 1.63 -5.96	25.65 1.74 -7.06	28.65 1.86 -8.53	29.07 1.92 -8.08	32.50 2.23 -9.19	34.13 2.40 -9.52	28.32 2.22 -5.13	22.64 1.66 -3.34	20.75 1.35 -3.39
HAMPSHIRE___PAPER_HYD 323593	7.22 -0.51 -0.27	6.14 -0.44 -0.26	4.38 -0.34 -0.29	4.98 -0.38 -0.27	5.89 -0.41 -0.25	7.23 -0.51 -0.27	12.56 -0.97 -0.24	15.34 -0.94 -0.28	15.47 -1.04 -0.22	15.53 -1.06 -0.21	15.82 -1.10 -0.23	15.78 -1.08 -0.19	15.31 -1.02 -0.19	14.87 -1.06 -0.16	15.12 -1.04 -0.15	15.19 -0.98 -0.15	16.05 -0.98 -0.17	17.44 -1.02 -0.20	18.21 -1.05 -0.19	20.12 -1.18 -0.22	20.84 -1.16 0.22	19.96 -1.13 -0.12	16.80 -0.92 -0.08	15.19 -0.90 -0.08
HARDSCRABBLE_WT_PWR 323673	7.61 0.15 0.00	6.43 0.11 0.00	4.49 0.06 0.00	5.15 0.07 0.00	6.13 0.07 0.00	7.56 0.08 0.00	13.45 0.16 0.00	16.22 0.21 0.00	16.50 0.21 0.00	16.61 0.23 0.00	16.96 0.27 0.00	16.94 0.27 0.00	16.40 0.26 0.00	16.02 0.25 0.00	16.29 0.27 0.00	16.29 0.27 0.00	17.17 0.32 0.00	18.64 0.38 0.00	19.50 0.44 0.00	21.63 0.55 0.00	22.81 0.62 0.03	21.56 0.59 0.00	18.14 0.49 0.00	16.48 0.46 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.56 0.60 -11.50	18.29 0.53 -11.44	17.24 0.38 -12.43	17.39 0.42 -11.89	17.17 0.46 -10.65	19.63 0.59 -11.57	24.76 1.17 -10.30	28.29 1.33 -10.95	25.90 1.42 -8.19	25.80 1.46 -7.96	26.79 1.52 -8.58	25.19 1.48 -7.03	24.62 1.44 -7.04	23.19 1.43 -5.99	22.97 1.44 -5.51	22.98 1.44 -5.52	24.92 1.53 -6.54	27.81 1.64 -7.91	28.25 1.70 -7.49	31.58 1.98 -8.51	33.14 2.11 -8.82	27.68 1.95 -4.75	22.20 1.46 -3.09	20.32 1.17 -3.14
HARZA MOOSE___RIVER 24016	7.71 -0.07 -0.33	6.57 -0.08 -0.33	4.72 -0.07 -0.36	5.35 -0.07 -0.34	6.31 -0.05 -0.31	7.75 -0.06 -0.33	13.54 -0.05 -0.30	16.46 0.08 -0.37	16.58 0.00 -0.29	16.66 0.00 -0.28	17.01 0.02 -0.30	16.92 0.00 -0.25	16.38 0.00 -0.24	15.94 -0.03 -0.21	16.21 0.00 -0.19	16.23 0.02 -0.19	17.17 0.08 -0.23	18.62 0.09 -0.27	19.47 0.15 -0.25	21.56 0.19 -0.29	22.69 0.31 -0.16	21.28 0.15 -0.16	17.84 0.09 -0.10	16.15 0.03 -0.11
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.59 -11.44	20.66 0.75 -12.44	26.99 1.44 -12.26	29.49 1.71 -11.77	31.69 1.79 -13.61	35.37 1.83 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.91 1.82 -17.94	36.45 1.81 -18.87	37.30 1.83 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.07 2.08 -15.74	33.86 2.17 -12.62	33.40 2.49 -9.83	34.34 2.64 -9.48	29.19 2.45 -5.76	27.51 1.89 -7.98	24.18 1.52 -6.64



HEMPSTEAD____ 23647	20.80 0.85 -12.50	19.27 0.68 -12.27	18.22 0.45 -13.34	18.33 0.49 -12.76	18.05 0.57 -11.42	20.65 0.76 -12.42	25.98 1.61 -11.09	29.76 2.00 -11.75	27.23 1.97 -8.97	27.27 2.03 -8.86	28.47 2.07 -9.71	27.95 2.03 -9.25	26.19 1.98 -8.06	26.20 1.97 -8.46	26.00 2.00 -7.98	26.39 1.94 -8.44	27.40 2.09 -8.46	29.29 2.28 -8.75	29.77 2.34 -8.36	32.89 2.66 -9.15	34.56 2.89 -9.46	28.71 2.62 -5.11	23.56 2.13 -3.79	21.22 1.73 -3.48
HICKLING___1 23621	11.81 0.28 -4.08	10.63 0.25 -4.06	9.04 0.20 -4.41	9.54 0.24 -4.22	10.09 0.25 -3.78	11.88 0.30 -4.11	17.57 0.61 -3.67	22.07 0.74 -5.33	21.36 0.62 -4.45	21.37 0.62 -4.36	22.84 0.72 -5.44	21.78 0.67 -4.44	20.98 0.56 -4.27	20.08 0.57 -3.74	20.01 0.56 -3.44	19.56 0.48 -3.06	21.40 0.62 -3.92	24.58 0.64 -5.68	25.51 0.86 -5.58	28.52 1.10 -6.34	30.34 1.15 -6.97	24.82 0.92 -2.92	19.24 0.49 -1.11	17.50 0.37 -1.13
HICKLING___2 23622	11.81 0.28 -4.08	10.63 0.25 -4.06	9.04 0.20 -4.41	9.54 0.24 -4.22	10.09 0.25 -3.78	11.88 0.30 -4.11	17.57 0.61 -3.67	22.07 0.74 -5.33	21.36 0.62 -4.45	21.37 0.62 -4.36	22.84 0.72 -5.44	21.78 0.67 -4.44	20.98 0.56 -4.27	20.08 0.57 -3.74	20.01 0.56 -3.44	19.56 0.48 -3.06	21.40 0.62 -3.92	24.58 0.64 -5.68	25.51 0.86 -5.58	28.52 1.10 -6.34	30.34 1.15 -6.97	24.82 0.92 -2.92	19.24 0.49 -1.11	17.50 0.37 -1.13
HIGH FALLS___HY 23754	20.30 0.63 -12.21	19.03 0.56 -12.16	18.04 0.40 -13.21	18.16 0.44 -12.64	17.86 0.48 -11.31	20.39 0.63 -12.29	25.44 1.24 -10.92	29.04 1.42 -11.61	26.47 1.58 -8.59	26.34 1.61 -8.35	27.33 1.64 -9.01	25.67 1.62 -7.38	25.09 1.57 -7.39	23.60 1.55 -6.28	23.37 1.57 -5.78	23.36 1.55 -5.79	25.38 1.67 -6.86	28.38 1.74 -8.38	28.82 1.81 -7.94	32.22 2.11 -9.03	33.81 2.24 -9.35	28.09 2.08 -5.04	22.46 1.53 -3.28	20.58 1.23 -3.33
HILLBURN___GT 23639	19.66 0.61 -11.59	18.39 0.53 -11.54	17.34 0.38 -12.53	17.49 0.42 -11.99	17.26 0.47 -10.73	19.74 0.60 -11.67	24.85 1.18 -10.38	28.39 1.34 -11.04	25.99 1.43 -8.26	25.88 1.47 -8.03	26.88 1.53 -8.66	25.27 1.50 -7.09	24.69 1.45 -7.10	23.26 1.45 -6.04	23.03 1.46 -5.56	23.04 1.46 -5.56	24.99 1.55 -6.59	27.89 1.66 -7.97	28.33 1.72 -7.55	31.65 1.98 -8.58	33.22 2.11 -8.89	27.73 1.97 -4.79	22.26 1.50 -3.12	20.38 1.20 -3.17
HISHELDN_WT_PWR 323625	10.47 0.13 -2.89	9.30 0.11 -2.87	7.69 0.14 -3.12	8.24 0.17 -2.99	8.85 0.11 -2.67	10.52 0.14 -2.91	16.21 0.32 -2.60	22.82 0.35 -6.46	22.16 0.23 -5.64	22.15 0.20 -5.58	24.78 0.32 -7.77	23.31 0.30 -6.34	22.22 0.14 -5.93	21.27 0.19 -5.31	21.06 0.18 -4.86	20.01 0.05 -3.95	22.47 0.22 -5.40	27.32 0.18 -8.88	28.68 0.48 -9.14	31.88 0.65 -10.14	34.22 0.58 -11.43	25.67 0.33 -4.37	18.38 -0.05 -0.79	16.67 -0.14 -0.80
HOLTSVILLE_IC_1 23690	21.01 1.06 -12.50	19.45 0.86 -12.27	18.34 0.57 -13.34	18.46 0.62 -12.76	18.22 0.73 -11.42	20.86 0.97 -12.42	26.40 2.02 -11.09	30.27 2.51 -11.75	27.69 2.43 -8.97	27.69 2.46 -8.86	28.92 2.52 -9.71	28.35 2.43 -9.25	26.56 2.36 -8.06	26.54 2.32 -8.46	26.36 2.36 -7.98	26.76 2.31 -8.44	27.82 2.51 -8.46	29.78 2.74 -8.78	30.38 2.90 -8.42	33.52 3.29 -9.15	35.19 3.51 -9.46	29.26 3.17 -5.11	24.72 2.56 -4.52	21.67 2.18 -3.48
HOLTSVILLE_IC_10 23699	21.10 1.14 -12.50	19.53 0.93 -12.27	18.39 0.62 -13.34	18.51 0.68 -12.76	18.29 0.81 -11.42	20.96 1.07 -12.42	26.57 2.19 -11.09	30.48 2.72 -11.75	27.90 2.64 -8.97	27.92 2.69 -8.86	29.16 2.75 -9.71	28.59 2.67 -9.25	26.77 2.57 -8.06	26.75 2.52 -8.46	26.55 2.55 -7.98	26.97 2.52 -8.44	28.06 2.75 -8.46	30.13 3.09 -8.78	30.69 3.20 -8.42	33.84 3.60 -9.15	35.65 3.98 -9.46	29.57 3.48 -5.11	25.03 2.86 -4.53	21.85 2.35 -3.48
HOLTSVILLE_IC_2 23691	21.01 1.06 -12.50	19.45 0.86 -12.27	18.34 0.57 -13.34	18.46 0.62 -12.76	18.22 0.73 -11.42	20.86 0.97 -12.42	26.40 2.02 -11.09	30.27 2.51 -11.75	27.69 2.43 -8.97	27.69 2.46 -8.86	28.92 2.52 -9.71	28.35 2.43 -9.25	26.56 2.36 -8.06	26.54 2.32 -8.46	26.36 2.36 -7.98	26.76 2.31 -8.44	27.82 2.51 -8.46	29.78 2.74 -8.78	30.38 2.90 -8.42	33.52 3.29 -9.15	35.19 3.51 -9.46	29.26 3.17 -5.11	24.72 2.56 -4.52	21.67 2.18 -3.48
HOLTSVILLE_IC_3 23692	21.01 1.06 -12.50	19.45 0.86 -12.27	18.34 0.57 -13.34	18.46 0.62 -12.76	18.22 0.73 -11.42	20.86 0.97 -12.42	26.40 2.02 -11.09	30.27 2.51 -11.75	27.69 2.43 -8.97	27.69 2.46 -8.86	28.92 2.52 -9.71	28.35 2.43 -9.25	26.56 2.36 -8.06	26.54 2.32 -8.46	26.36 2.36 -7.98	26.76 2.31 -8.44	27.82 2.51 -8.46	29.78 2.74 -8.78	30.38 2.90 -8.42	33.52 3.29 -9.15	35.19 3.51 -9.46	29.26 3.17 -5.11	24.72 2.56 -4.52	21.67 2.18 -3.48
HOLTSVILLE_IC_4 23693	21.01 1.06 -12.50	19.45 0.86 -12.27	18.34 0.57 -13.34	18.46 0.62 -12.76	18.22 0.73 -11.42	20.86 0.97 -12.42	26.40 2.02 -11.09	30.27 2.51 -11.75	27.69 2.43 -8.97	27.69 2.46 -8.86	28.92 2.52 -9.71	28.35 2.43 -9.25	26.56 2.36 -8.06	26.54 2.32 -8.46	26.36 2.36 -7.98	26.76 2.31 -8.44	27.82 2.51 -8.46	29.78 2.74 -8.78	30.38 2.90 -8.42	33.52 3.29 -9.15	35.19 3.51 -9.46	29.26 3.17 -5.11	24.72 2.56 -4.52	21.67 2.18 -3.48
HOLTSVILLE_IC_5 23694	21.01 1.06 -12.50	19.45 0.86 -12.27	18.34 0.57 -13.34	18.46 0.62 -12.76	18.22 0.73 -11.42	20.86 0.97 -12.42	26.40 2.02 -11.09	30.27 2.51 -11.75	27.69 2.43 -8.97	27.69 2.46 -8.86	28.92 2.52 -9.71	28.35 2.43 -9.25	26.56 2.36 -8.06	26.54 2.32 -8.46	26.36 2.36 -7.98	26.76 2.31 -8.44	27.82 2.51 -8.46	29.78 2.74 -8.78	30.38 2.90 -8.42	33.52 3.29 -9.15	35.19 3.51 -9.46	29.26 3.17 -5.11	24.72 2.56 -4.52	21.67 2.18 -3.48
HOLTSVILLE_IC_6 23695	21.10 1.14 -12.50	19.53 0.93 -12.27	18.39 0.62 -13.34	18.51 0.68 -12.76	18.29 0.81 -11.42	20.96 1.07 -12.42	26.57 2.19 -11.09	30.48 2.72 -11.75	27.90 2.64 -8.97	27.92 2.69 -8.86	29.16 2.75 -9.71	28.59 2.67 -9.25	26.77 2.57 -8.06	26.75 2.52 -8.46	26.55 2.55 -7.98	26.97 2.52 -8.44	28.06 2.75 -8.46	30.13 3.09 -8.78	30.69 3.20 -8.42	33.84 3.60 -9.15	35.65 3.98 -9.46	29.57 3.48 -5.11	25.03 2.86 -4.53	21.85 2.35 -3.48
HOLTSVILLE_IC_7 23696	21.10 1.14 -12.50	19.53 0.93 -12.27	18.39 0.62 -13.34	18.51 0.68 -12.76	18.29 0.81 -11.42	20.96 1.07 -12.42	26.57 2.19 -11.09	30.48 2.72 -11.75	27.90 2.64 -8.97	27.92 2.69 -8.86	29.16 2.75 -9.71	28.59 2.67 -9.25	26.77 2.57 -8.06	26.75 2.52 -8.46	26.55 2.55 -7.98	26.97 2.52 -8.44	28.06 2.75 -8.46	30.13 3.09 -8.78	30.69 3.20 -8.42	33.84 3.60 -9.15	35.65 3.98 -9.46	29.57 3.48 -5.11	25.03 2.86 -4.53	21.85 2.35 -3.48
HOLTSVILLE_IC_8 23697	21.10 1.14 -12.50	19.53 0.93 -12.27	18.39 0.62 -13.34	18.51 0.68 -12.76	18.29 0.81 -11.42	20.96 1.07 -12.42	26.57 2.19 -11.09	30.48 2.72 -11.75	27.90 2.64 -8.97	27.92 2.69 -8.86	29.16 2.75 -9.71	28.59 2.67 -9.25	26.77 2.57 -8.06	26.75 2.52 -8.46	26.55 2.55 -7.98	26.97 2.52 -8.44	28.06 2.75 -8.46	30.13 3.09 -8.78	30.69 3.20 -8.42	33.84 3.60 -9.15	35.65 3.98 -9.46	29.57 3.48 -5.11	25.03 2.86 -4.53	21.85 2.35 -3.48



HOLTSVILLE_IC_9 23698	21.10 1.14 -12.50	19.53 0.93 -12.27	18.39 0.62 -13.34	18.51 0.68 -12.76	18.29 0.81 -11.42	20.96 1.07 -12.42	26.57 2.19 -11.09	30.48 2.72 -11.75	27.90 2.64 -8.97	27.92 2.69 -8.86	29.16 2.75 -9.71	28.59 2.67 -9.25	26.77 2.57 -8.06	26.75 2.52 -8.46	26.55 2.55 -7.98	26.97 2.52 -8.44	28.06 2.75 -8.46	30.13 3.09 -8.78	30.69 3.20 -8.42	33.84 3.60 -9.15	35.65 3.98 -9.46	29.57 3.48 -5.11	25.03 2.86 -4.53	21.85 2.35 -3.48
HOWARD_WT_PWR 323690	11.02 0.19 -3.37	9.85 0.18 -3.36	8.23 0.16 -3.64	8.76 0.20 -3.49	9.37 0.19 -3.12	11.11 0.24 -3.39	16.88 0.56 -3.03	22.31 0.72 -5.58	21.74 0.57 -4.87	21.75 0.57 -4.80	23.75 0.68 -6.38	22.53 0.65 -5.20	21.58 0.52 -4.93	20.66 0.52 -4.37	20.55 0.53 -4.01	19.80 0.40 -3.38	21.95 0.59 -4.50	25.91 0.62 -7.03	26.98 0.92 -7.00	30.17 1.16 -7.93	32.36 1.27 -8.88	25.38 0.99 -3.42	19.05 0.49 -0.92	17.29 0.35 -0.93
HQ_GEN_CEDARS 23644	7.05 -0.41 0.00	5.96 -0.35 0.00	4.16 -0.27 0.00	4.76 -0.31 0.00	5.71 -0.35 0.00	7.04 -0.43 0.00	12.27 -1.02 0.00	15.03 -0.98 0.00	15.28 -1.01 0.00	15.33 -1.05 0.00	15.57 -1.12 0.00	15.57 -1.10 0.00	15.14 -1.00 0.00	14.74 -1.02 0.00	14.99 -1.03 0.00	15.07 -0.95 0.00	15.84 -1.01 0.00	17.22 -1.04 0.00	17.94 -1.12 0.00	19.78 -1.31 0.00	20.03 -1.42 0.76	19.78 -1.19 0.00	16.78 -0.86 0.00	15.10 -0.91 0.00
HQ_GEN_CEDARS_PROXY 323590	7.05 -0.41 0.00	5.96 -0.35 0.00	4.16 -0.27 0.00	4.76 -0.31 0.00	5.71 -0.35 0.00	7.04 -0.43 0.00	12.27 -1.02 0.00	15.03 -0.98 0.00	15.28 -1.01 0.00	15.33 -1.05 0.00	15.57 -1.12 0.00	15.57 -1.10 0.00	15.14 -1.00 0.00	14.74 -1.02 0.00	14.99 -1.03 0.00	15.07 -0.95 0.00	15.84 -1.01 0.00	17.22 -1.04 0.00	17.94 -1.12 0.00	19.78 -1.31 0.00	20.03 -1.42 0.76	19.78 -1.19 0.00	16.78 -0.86 0.00	15.10 -0.91 0.00
HQ_GEN_IMPORT 323601	7.24 -0.22 0.00	6.13 -0.19 0.00	4.29 -0.14 0.00	4.91 -0.17 0.00	5.87 -0.19 0.00	7.24 -0.23 0.00	12.83 -0.47 0.00	15.48 -0.53 0.00	15.76 -0.54 0.00	15.82 -0.56 0.00	16.09 -0.60 0.00	16.09 -0.58 0.00	15.61 -0.53 0.00	15.23 -0.54 0.00	15.47 -0.54 0.00	15.51 -0.51 0.00	16.26 -0.59 0.00	17.66 -0.60 0.00	18.38 -0.69 0.00	20.26 -0.82 0.00	20.43 -0.91 0.87	20.22 -0.75 0.00	17.11 -0.53 0.00	15.58 -0.43 0.00
HQ_GEN_WHEEL 23651	7.24 -0.22 0.00	6.13 -0.19 0.00	4.29 -0.14 0.00	4.91 -0.17 0.00	5.87 -0.19 0.00	7.24 -0.23 0.00	12.83 -0.47 0.00	15.48 -0.53 0.00	15.76 -0.54 0.00	15.82 -0.56 0.00	16.09 -0.60 0.00	16.09 -0.58 0.00	15.61 -0.53 0.00	15.23 -0.54 0.00	15.47 -0.54 0.00	15.51 -0.51 0.00	16.26 -0.59 0.00	17.66 -0.60 0.00	18.38 -0.69 0.00	20.26 -0.82 0.00	20.43 -0.91 0.87	20.22 -0.75 0.00	17.11 -0.53 0.00	15.58 -0.43 0.00
HUDSON_AVE_GT_3 23810	24.51 0.77 -16.28	19.33 0.66 -12.35	18.27 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.65 0.75 -12.43	26.78 1.45 -12.04	29.47 1.70 -11.77	30.80 1.78 -12.73	33.79 1.82 -15.59	33.88 1.89 -15.30	34.81 1.85 -16.29	33.99 1.79 -16.06	34.16 1.78 -16.61	34.81 1.79 -17.00	34.09 1.79 -16.28	34.07 1.90 -15.31	34.72 2.04 -14.42	32.99 2.13 -11.79	33.23 2.44 -9.70	34.29 2.60 -9.48	29.02 2.41 -5.64	26.66 1.89 -7.13	23.60 1.54 -6.05
HUDSON_AVE_GT_4 23540	24.51 0.77 -16.28	19.33 0.66 -12.35	18.27 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.65 0.75 -12.43	26.78 1.45 -12.04	29.47 1.70 -11.77	30.80 1.78 -12.73	33.79 1.82 -15.59	33.88 1.89 -15.30	34.81 1.85 -16.29	33.99 1.79 -16.06	34.16 1.78 -16.61	34.81 1.79 -17.00	34.09 1.79 -16.28	34.07 1.90 -15.31	34.72 2.04 -14.42	32.99 2.13 -11.79	33.23 2.44 -9.70	34.29 2.60 -9.48	29.02 2.41 -5.64	26.66 1.89 -7.13	23.60 1.54 -6.05
HUDSON_AVE_GT_5 23657	24.51 0.77 -16.28	19.33 0.66 -12.35	18.27 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.65 0.75 -12.43	26.78 1.45 -12.04	29.47 1.70 -11.77	30.80 1.78 -12.73	33.79 1.82 -15.59	33.88 1.89 -15.30	34.81 1.85 -16.29	33.99 1.79 -16.06	34.16 1.78 -16.61	34.81 1.79 -17.00	34.09 1.79 -16.28	34.07 1.90 -15.31	34.72 2.04 -14.42	32.99 2.13 -11.79	33.23 2.44 -9.70	34.29 2.60 -9.48	29.02 2.41 -5.64	26.66 1.89 -7.13	23.60 1.54 -6.05
HUDSON_AVE_10 24168	24.37 0.78 -16.13	19.33 0.67 -12.35	18.28 0.47 -13.37	18.40 0.52 -12.80	18.08 0.58 -11.44	20.65 0.75 -12.43	26.77 1.44 -12.04	29.45 1.68 -11.77	30.77 1.74 -12.73	33.74 1.77 -15.59	33.83 1.84 -15.30	34.75 1.78 -16.29	33.94 1.74 -16.06	34.11 1.73 -16.61	34.76 1.75 -17.00	34.03 1.73 -16.28	34.00 1.84 -15.31	34.66 1.99 -14.42	32.93 2.08 -11.79	33.19 2.40 -9.70	34.27 2.58 -9.48	28.98 2.37 -5.64	26.64 1.87 -7.13	23.58 1.52 -6.05
HUNTER_MOUNT___DRP 323613	21.35 0.65 -13.25	20.07 0.56 -13.19	19.17 0.42 -14.32	19.26 0.47 -13.71	18.86 0.53 -12.27	21.49 0.68 -13.33	26.36 1.18 -11.89	30.01 1.36 -12.64	27.22 1.48 -9.45	27.05 1.49 -9.18	28.11 1.52 -9.90	26.27 1.48 -8.11	25.70 1.44 -8.12	24.10 1.42 -6.91	23.80 1.43 -6.36	23.78 1.39 -6.36	25.89 1.50 -7.54	29.03 1.64 -9.13	29.41 1.70 -8.64	32.93 2.02 -9.83	34.53 2.13 -10.18	28.39 1.93 -5.48	22.63 1.41 -3.57	20.82 1.18 -3.63
HUNTINGTON_RES_REC 323705	20.93 0.98 -12.50	19.38 0.79 -12.27	18.29 0.52 -13.34	18.40 0.56 -12.76	18.15 0.67 -11.42	20.79 0.90 -12.42	26.25 1.87 -11.09	30.24 2.48 -11.75	27.59 2.33 -8.97	27.63 2.39 -8.86	28.66 2.25 -9.71	28.19 2.27 -9.25	26.49 2.29 -8.06	26.50 2.27 -8.46	26.29 2.29 -7.98	26.70 2.24 -8.44	27.69 2.38 -8.46	30.18 3.14 -8.78	30.40 2.92 -8.41	33.04 2.80 -9.15	35.56 3.89 -9.46	28.88 2.79 -5.11	25.26 3.19 -4.43	21.53 2.03 -3.48
HUNTLEY___63 23557	9.97 0.02 -2.49	8.81 0.01 -2.48	7.21 0.09 -2.69	7.77 0.12 -2.57	8.41 0.04 -2.30	10.03 0.05 -2.50	15.74 0.20 -2.25	21.44 0.19 -5.24	20.84 0.07 -4.48	20.84 0.03 -4.43	22.91 0.15 -6.07	21.79 0.15 -4.97	20.80 0.00 -4.66	19.98 0.05 -4.16	19.86 0.03 -3.81	19.04 -0.10 -3.11	21.11 0.02 -4.24	25.10 -0.04 -6.88	26.49 0.30 -7.12	29.37 0.44 -7.84	31.33 0.31 -8.81	24.19 0.02 -3.20	17.99 -0.34 -0.68	16.29 -0.42 -0.69
HUNTLEY___64 23558	9.97 0.02 -2.49	8.81 0.01 -2.48	7.21 0.09 -2.69	7.77 0.12 -2.57	8.41 0.04 -2.30	10.03 0.05 -2.50	15.74 0.20 -2.25	21.44 0.19 -5.24	20.84 0.07 -4.48	20.84 0.03 -4.43	22.91 0.15 -6.07	21.79 0.15 -4.97	20.80 0.00 -4.66	19.98 0.05 -4.16	19.86 0.03 -3.81	19.04 -0.10 -3.11	21.11 0.02 -4.24	25.10 -0.04 -6.88	26.49 0.30 -7.12	29.37 0.44 -7.84	31.33 0.31 -8.81	24.19 0.02 -3.20	17.99 -0.34 -0.68	16.29 -0.42 -0.69
HUNTLEY___65 23559	9.97 0.02 -2.49	8.81 0.01 -2.48	7.21 0.09 -2.69	7.77 0.12 -2.57	8.41 0.04 -2.30	10.03 0.05 -2.50	15.74 0.20 -2.25	21.44 0.19 -5.24	20.84 0.07 -4.48	20.84 0.03 -4.43	22.91 0.15 -6.07	21.79 0.15 -4.97	20.80 0.00 -4.66	19.98 0.05 -4.16	19.86 0.03 -3.81	19.04 -0.10 -3.11	21.11 0.02 -4.24	25.10 -0.04 -6.88	26.49 0.30 -7.12	29.37 0.44 -7.84	31.33 0.31 -8.81	24.19 0.02 -3.20	17.99 -0.34 -0.68	16.29 -0.42 -0.69



HUNTLEY___66 23560	9.97 0.02 -2.49	8.81 0.01 -2.48	7.21 0.09 -2.69	7.77 0.12 -2.57	8.41 0.04 -2.30	10.03 0.05 -2.50	15.74 0.20 -2.25	21.44 0.19 -5.24	20.84 0.07 -4.48	20.84 0.03 -4.43	22.91 0.15 -6.07	21.79 0.15 -4.97	20.80 0.00 -4.66	19.98 0.05 -4.16	19.86 0.03 -3.81	19.04 -0.10 -3.11	21.11 0.02 -4.24	25.10 -0.04 -6.88	26.49 0.30 -7.12	29.37 0.44 -7.84	31.33 0.31 -8.81	24.19 0.02 -3.20	17.99 -0.34 -0.68	16.29 -0.42 -0.69
HUNTLEY___67 23561	9.68 -0.17 -2.39	8.55 -0.15 -2.38	6.99 -0.03 -2.58	7.54 -0.02 -2.47	8.17 -0.11 -2.21	9.73 -0.15 -2.41	15.15 -0.29 -2.15	17.12 -0.50 -1.60	15.17 -0.64 0.48	15.17 -0.67 0.53	14.44 -0.55 1.70	14.71 -0.58 1.38	14.33 -0.69 1.12	14.02 -0.63 1.12	14.35 -0.66 1.01	14.83 -0.77 0.42	15.18 -0.71 0.97	14.75 -0.80 2.71	16.96 -0.53 1.57	17.69 -0.46 2.92	17.56 -0.64 4.01	20.50 -0.80 -0.32	17.34 -0.95 -0.65	15.79 -0.88 -0.66
HUNTLEY___68 23562	10.03 0.01 -2.56	8.87 0.00 -2.55	7.28 0.08 -2.77	7.83 0.10 -2.65	8.47 0.03 -2.38	10.08 0.03 -2.58	15.70 0.09 -2.31	23.66 0.02 -7.64	23.85 -0.11 -7.67	23.84 -0.15 -7.61	27.76 -0.03 -11.10	25.67 -0.05 -9.05	24.34 -0.18 -8.38	23.20 -0.13 -7.56	22.77 -0.16 -6.92	21.16 -0.27 -5.41	24.31 -0.15 -7.61	31.12 -0.22 -13.08	31.94 0.08 -12.80	36.14 0.21 -14.84	39.38 0.07 -17.10	26.41 -0.13 -5.56	17.92 -0.42 -0.70	16.26 -0.46 -0.71
HYLAND___LFGE 323620	10.46 0.23 -2.77	9.26 0.19 -2.75	7.58 0.16 -2.99	8.13 0.19 -2.86	8.84 0.22 -2.56	10.56 0.31 -2.78	16.41 0.64 -2.49	20.08 0.69 -3.38	19.89 0.52 -3.07	19.95 0.56 -3.01	21.13 0.67 -3.77	20.35 0.60 -3.08	19.57 0.47 -2.96	18.84 0.47 -2.59	18.86 0.46 -2.38	17.91 -0.22 -2.11	19.47 -0.10 -2.72	22.06 -0.16 -3.96	22.74 0.04 -3.64	25.57 0.13 -4.36	27.50 0.42 -4.87	23.63 0.86 -1.79	18.68 0.28 -0.75	17.03 0.26 -0.76
INDECK___CORINTH 23802	24.31 0.49 -16.36	22.98 0.37 -16.28	22.40 0.28 -17.69	22.37 0.37 -16.93	21.70 0.49 -15.15	24.51 0.57 -16.47	29.21 1.13 -14.79	33.12 1.39 -15.72	29.98 1.71 -11.97	29.67 1.65 -11.63	30.99 1.75 -12.54	28.65 1.70 -10.28	27.96 1.63 -10.19	25.85 1.42 -8.67	25.40 1.41 -7.98	25.36 1.36 -7.98	27.73 1.45 -9.43	31.27 1.66 -11.35	31.57 1.75 -10.75	35.38 2.07 -12.23	36.95 2.09 -12.65	29.68 1.89 -6.82	23.67 1.59 -4.44	21.66 1.14 -4.51
INDECK___ILION 23567	7.57 0.11 0.00	6.41 0.09 0.00	4.49 0.06 0.00	5.14 0.07 0.00	6.13 0.07 0.00	7.57 0.10 0.00	13.48 0.19 0.00	16.25 0.24 0.00	16.52 0.23 0.00	16.63 0.25 0.00	16.94 0.25 0.00	16.92 0.25 0.00	16.38 0.24 0.00	16.00 0.24 0.00	16.27 0.26 0.00	16.26 0.24 0.00	17.14 0.29 0.00	18.57 0.31 0.00	19.43 0.36 0.00	21.50 0.42 0.00	22.65 0.47 0.03	21.39 0.42 0.00	18.00 0.35 0.00	16.31 0.30 0.00
INDECK___OLEAN 23982	10.85 0.40 -3.00	9.64 0.34 -2.98	7.97 0.30 -3.24	8.54 0.37 -3.10	9.18 0.35 -2.78	10.92 0.43 -3.02	16.87 0.88 -2.71	25.54 1.03 -8.51	25.36 0.90 -8.17	25.35 0.87 -8.11	29.38 0.97 -11.72	27.17 0.93 -9.56	25.77 0.76 -8.87	24.54 0.79 -7.99	24.11 0.78 -7.31	22.43 0.66 -5.75	25.75 0.84 -8.06	32.88 0.88 -13.74	34.00 1.24 -13.69	38.24 1.52 -15.64	41.58 1.44 -17.92	28.23 1.17 -6.08	19.10 0.63 -0.82	17.29 0.45 -0.83
INDECK___OSWEGO 23783	8.58 -0.09 -1.21	7.46 -0.07 -1.21	5.69 -0.05 -1.31	6.28 -0.05 -1.25	7.11 -0.07 -1.12	8.60 -0.10 -1.22	14.23 -0.15 -1.09	17.01 -0.18 -1.18	16.97 -0.23 -0.91	17.05 -0.21 -0.88	17.44 -0.20 -0.95	17.25 -0.20 -0.78	16.69 -0.23 -0.78	16.21 -0.22 -0.66	16.40 -0.22 -0.61	16.37 -0.26 -0.61	17.34 -0.24 -0.72	18.82 -0.29 -0.85	19.59 -0.29 -0.81	21.73 -0.27 -0.92	22.89 -0.24 -0.92	21.19 -0.29 -0.51	17.66 -0.32 -0.33	16.09 -0.26 -0.34
INDECK___YERKES 23781	9.98 0.03 -2.49	8.82 0.03 -2.48	7.22 0.09 -2.69	7.78 0.13 -2.57	8.41 0.05 -2.30	10.04 0.06 -2.50	15.76 0.21 -2.25	21.47 0.22 -5.24	20.86 0.08 -4.48	20.86 0.05 -4.43	22.94 0.18 -6.07	21.81 0.17 -4.97	20.82 0.02 -4.66	19.99 0.06 -4.16	19.88 0.05 -3.81	19.05 -0.08 -3.11	21.14 0.05 -4.24	25.14 0.00 -6.88	26.51 0.32 -7.12	29.41 0.49 -7.84	31.35 0.33 -8.81	24.23 0.06 -3.20	18.01 -0.32 -0.68	16.32 -0.38 -0.69
INDIAN POINT_GT_1 24139	20.39 0.63 -12.31	19.00 0.54 -12.14	18.00 0.39 -13.18	18.12 0.43 -12.62	17.83 0.47 -11.29	20.35 0.61 -12.27	25.44 1.20 -10.95	29.00 1.38 -11.61	26.57 1.47 -8.81	26.55 1.51 -8.66	27.55 1.57 -9.29	25.93 1.53 -7.73	25.35 1.48 -7.73	23.91 1.48 -6.66	23.69 1.49 -6.18	23.67 1.49 -6.16	25.61 1.57 -7.19	28.52 1.70 -8.56	28.87 1.75 -8.05	32.13 2.00 -9.05	33.72 2.15 -9.35	28.04 2.01 -5.06	22.57 1.53 -3.39	20.64 1.22 -3.41
INDIAN POINT_GT_2 23659	20.39 0.63 -12.31	19.00 0.54 -12.14	18.00 0.39 -13.18	18.12 0.43 -12.62	17.83 0.47 -11.29	20.35 0.61 -12.27	25.44 1.20 -10.95	29.00 1.38 -11.61	26.57 1.47 -8.81	26.55 1.51 -8.66	27.55 1.57 -9.29	25.93 1.53 -7.73	25.35 1.48 -7.73	23.91 1.48 -6.66	23.69 1.49 -6.18	23.67 1.49 -6.16	25.61 1.57 -7.19	28.52 1.70 -8.56	28.87 1.75 -8.05	32.13 2.00 -9.05	33.72 2.15 -9.35	28.04 2.01 -5.06	22.57 1.53 -3.39	20.64 1.22 -3.41
INDIAN POINT_GT_3 24019	20.39 0.63 -12.31	19.00 0.54 -12.14	18.00 0.39 -13.18	18.12 0.43 -12.62	17.83 0.47 -11.29	20.35 0.61 -12.27	25.44 1.20 -10.95	29.00 1.38 -11.61	26.57 1.47 -8.81	26.55 1.51 -8.66	27.55 1.57 -9.29	25.93 1.53 -7.73	25.35 1.48 -7.73	23.91 1.48 -6.66	23.69 1.49 -6.18	23.67 1.49 -6.16	25.61 1.57 -7.19	28.52 1.70 -8.56	28.87 1.75 -8.05	32.13 2.00 -9.05	33.72 2.15 -9.35	28.04 2.01 -5.06	22.57 1.53 -3.39	20.64 1.22 -3.41
INDIAN POINT___2 23530	20.08 0.59 -12.03	18.71 0.52 -11.88	17.70 0.37 -12.90	17.83 0.41 -12.35	17.56 0.45 -11.05	20.06 0.58 -12.01	25.15 1.14 -10.71	28.69 1.31 -11.36	26.30 1.40 -8.61	26.27 1.44 -8.45	27.25 1.48 -9.07	25.67 1.47 -7.53	25.09 1.42 -7.53	23.67 1.42 -6.48	23.45 1.43 -6.01	23.44 1.43 -5.99	25.35 1.50 -7.00	28.24 1.62 -8.36	28.61 1.68 -7.87	31.85 1.92 -8.85	33.43 2.07 -9.15	27.83 1.91 -4.95	22.41 1.46 -3.31	20.51 1.17 -3.33
INDIAN POINT___3 23531	20.59 0.62 -12.52	19.19 0.54 -12.34	18.21 0.38 -13.40	18.32 0.42 -12.82	18.00 0.47 -11.48	20.54 0.60 -12.47	25.60 1.18 -11.13	29.19 1.38 -11.80	26.71 1.45 -8.97	26.69 1.49 -8.82	27.71 1.55 -9.46	26.07 1.52 -7.88	25.50 1.48 -7.88	24.03 1.47 -6.80	23.82 1.49 -6.31	23.79 1.47 -6.29	25.75 1.57 -7.33	28.67 1.70 -8.72	29.01 1.75 -8.20	32.28 2.00 -9.20	33.87 2.15 -9.51	28.11 1.99 -5.14	22.64 1.53 -3.46	20.70 1.22 -3.48
IP CORINTH___1 23988	24.31 0.49 -16.36	22.98 0.37 -16.28	22.40 0.28 -17.69	22.37 0.37 -16.93	21.70 0.49 -15.15	24.51 0.57 -16.47	29.21 1.13 -14.79	33.12 1.39 -15.72	29.98 1.71 -11.97	29.67 1.65 -11.63	30.99 1.75 -12.54	28.65 1.70 -10.28	27.96 1.63 -10.19	25.85 1.42 -8.67	25.40 1.41 -7.98	25.36 1.36 -7.98	27.73 1.45 -9.43	31.27 1.66 -11.35	31.57 1.75 -10.75	35.38 2.07 -12.23	36.95 2.09 -12.65	29.68 1.89 -6.82	23.67 1.59 -4.44	21.66 1.14 -4.51



IP___TICONDEROGA 23804	24.39 0.58 -16.35	23.03 0.44 -16.27	22.43 0.33 -17.67	22.42 0.43 -16.91	21.77 0.57 -15.14	24.60 0.67 -16.45	29.41 1.34 -14.77	33.36 1.65 -15.70	30.27 2.00 -11.97	29.93 1.92 -11.63	31.25 2.02 -12.54	28.90 1.95 -10.27	28.20 1.87 -10.19	26.04 1.61 -8.67	25.61 1.62 -7.98	25.55 1.55 -7.98	27.94 1.67 -9.42	31.52 1.92 -11.34	31.85 2.04 -10.74	35.70 2.40 -12.22	37.30 2.44 -12.64	29.99 2.20 -6.82	23.92 1.83 -4.44	21.83 1.31 -4.51
ISLIP_RES_REC 323679	21.13 1.17 -12.50	19.55 0.96 -12.27	18.41 0.64 -13.34	18.53 0.70 -12.76	18.31 0.83 -11.42	21.00 1.11 -12.42	26.64 2.26 -11.09	30.58 2.82 -11.75	28.00 2.74 -8.97	28.02 2.78 -8.86	29.26 2.85 -9.71	28.70 2.78 -9.25	26.85 2.65 -8.06	26.84 2.62 -8.46	26.64 2.64 -7.98	27.07 2.61 -8.44	28.16 2.85 -8.46	30.24 3.19 -8.78	30.80 3.32 -8.42	33.99 3.75 -9.15	35.81 4.13 -9.46	29.70 3.61 -5.11	25.09 2.93 -4.52	21.91 2.42 -3.48
JARVIS____ 23743	7.48 0.02 0.00	6.33 0.01 0.00	4.44 0.01 0.00	5.09 0.02 0.00	6.08 0.02 0.00	7.50 0.02 0.00	13.34 0.05 0.00	16.07 0.06 0.00	16.36 0.07 0.00	16.45 0.07 0.00	16.77 0.08 0.00	16.76 0.08 0.00	16.20 0.06 0.00	15.83 0.06 0.00	16.08 0.06 0.00	16.08 0.06 0.00	16.94 0.08 0.00	18.35 0.09 0.00	19.18 0.12 0.00	21.23 0.15 0.00	22.34 0.16 0.03	21.10 0.13 0.00	17.73 0.09 0.00	16.09 0.08 0.00
JENNISON____1 23625	13.62 0.43 -5.73	12.38 0.36 -5.71	10.88 0.25 -6.20	11.31 0.30 -5.93	11.73 0.36 -5.31	13.70 0.46 -5.77	19.40 0.96 -5.15	22.75 1.25 -5.49	22.08 1.21 -4.58	22.04 1.21 -4.45	22.78 1.29 -4.80	21.86 1.25 -3.93	21.24 1.16 -3.93	20.23 1.12 -3.35	20.27 1.17 -3.08	20.25 1.15 -3.08	21.84 1.33 -3.65	23.61 1.39 -3.96	24.36 1.54 -3.76	27.12 1.77 -4.27	28.63 2.00 -4.41	25.03 1.68 -2.38	20.43 1.23 -1.55	18.60 1.01 -1.58
JENNISON____2 23626	13.62 0.43 -5.73	12.38 0.36 -5.71	10.88 0.25 -6.20	11.31 0.30 -5.93	11.73 0.36 -5.31	13.70 0.46 -5.77	19.40 0.96 -5.15	22.75 1.25 -5.49	22.08 1.21 -4.58	22.04 1.21 -4.45	22.78 1.29 -4.80	21.86 1.25 -3.93	21.24 1.16 -3.93	20.23 1.12 -3.35	20.27 1.17 -3.08	20.25 1.15 -3.08	21.84 1.33 -3.65	23.61 1.39 -3.96	24.36 1.54 -3.76	27.12 1.77 -4.27	28.63 2.00 -4.41	25.03 1.68 -2.38	20.43 1.23 -1.55	18.60 1.01 -1.58
JERICHO_RISE_WT_PWR 323719	7.01 -0.45 0.00	5.91 -0.41 0.00	4.11 -0.32 0.00	4.69 -0.39 0.00	5.63 -0.43 0.00	6.94 -0.53 0.00	12.24 -1.05 0.00	14.79 -1.22 0.00	15.07 -1.22 0.00	15.12 -1.26 0.00	15.35 -1.34 0.00	15.37 -1.30 0.00	14.95 -1.19 0.00	14.59 -1.18 0.00	14.83 -1.19 0.00	14.95 -1.07 0.00	15.72 -1.13 0.00	17.14 -1.11 0.00	17.90 -1.16 0.00	19.76 -1.33 0.00	20.09 -1.33 0.80	19.82 -1.15 0.00	16.83 -0.81 0.00	15.35 -0.66 0.00
KCE_NY_1 323755	24.30 0.51 -16.34	22.97 0.39 -16.26	22.39 0.29 -17.66	22.35 0.37 -16.90	21.68 0.49 -15.13	24.49 0.58 -16.44	29.13 1.08 -14.77	33.03 1.33 -15.69	29.74 1.53 -11.92	29.45 1.49 -11.58	30.73 1.55 -12.49	28.44 1.53 -10.23	27.76 1.47 -10.15	25.76 1.36 -8.64	25.33 1.36 -7.95	25.30 1.33 -7.95	27.68 1.42 -9.42	31.20 1.61 -11.34	31.50 1.70 -10.74	35.25 1.96 -12.21	36.84 2.00 -12.63	29.61 1.82 -6.81	23.63 1.55 -4.44	21.68 1.17 -4.51
KEDC_PORT_JEFF_GT2 24210	21.07 1.12 -12.50	19.51 0.92 -12.27	18.38 0.61 -13.34	18.50 0.66 -12.76	18.27 0.79 -11.42	20.94 1.05 -12.42	26.53 2.15 -11.09	30.43 2.67 -11.75	27.87 2.61 -8.97	27.89 2.65 -8.86	29.09 2.69 -9.71	28.54 2.62 -9.25	26.72 2.52 -8.06	26.72 2.49 -8.46	26.52 2.51 -7.98	26.94 2.48 -8.44	28.01 2.70 -8.46	30.11 3.07 -8.78	30.65 3.17 -8.42	33.76 3.52 -9.15	35.63 3.95 -9.46	29.49 3.40 -5.11	25.03 2.86 -4.53	21.80 2.31 -3.48
KEDC_PORT_JEFF_GT3 24211	21.07 1.12 -12.50	19.51 0.92 -12.27	18.38 0.61 -13.34	18.50 0.66 -12.76	18.27 0.79 -11.42	20.94 1.05 -12.42	26.53 2.15 -11.09	30.43 2.67 -11.75	27.87 2.61 -8.97	27.89 2.65 -8.86	29.09 2.69 -9.71	28.54 2.62 -9.25	26.72 2.52 -8.06	26.72 2.49 -8.46	26.52 2.51 -7.98	26.94 2.48 -8.44	28.01 2.70 -8.46	30.11 3.07 -8.78	30.65 3.17 -8.42	33.76 3.52 -9.15	35.63 3.95 -9.46	29.49 3.40 -5.11	25.03 2.86 -4.53	21.80 2.31 -3.48
KEDC_GLWD_GT4 24219	20.78 0.83 -12.50	19.27 0.68 -12.27	18.23 0.46 -13.34	18.34 0.50 -12.76	18.06 0.58 -11.42	20.65 0.76 -12.42	25.94 1.57 -11.09	29.68 1.92 -11.75	27.18 1.92 -8.97	27.22 1.98 -8.86	28.44 2.04 -9.71	27.94 2.02 -9.25	26.17 1.97 -8.06	26.18 1.95 -8.46	25.97 1.97 -7.98	26.39 1.94 -8.44	27.36 2.06 -8.46	29.27 2.26 -8.75	29.75 2.33 -8.36	32.85 2.61 -9.15	34.52 2.84 -9.46	28.67 2.58 -5.11	23.45 2.08 -3.72	21.16 1.67 -3.48
KEDC_GLWD_GT5 24220	20.78 0.83 -12.50	19.27 0.68 -12.27	18.23 0.46 -13.34	18.34 0.50 -12.76	18.06 0.58 -11.42	20.65 0.76 -12.42	25.94 1.57 -11.09	29.68 1.92 -11.75	27.18 1.92 -8.97	27.22 1.98 -8.86	28.44 2.04 -9.71	27.94 2.02 -9.25	26.17 1.97 -8.06	26.18 1.95 -8.46	25.97 1.97 -7.98	26.39 1.94 -8.44	27.36 2.06 -8.46	29.27 2.26 -8.75	29.75 2.33 -8.36	32.85 2.61 -9.15	34.52 2.84 -9.46	28.67 2.58 -5.11	23.45 2.08 -3.72	21.16 1.67 -3.48
KENSICO____ 23655	20.61 0.68 -12.47	19.17 0.59 -12.27	18.17 0.42 -13.32	18.30 0.47 -12.75	17.99 0.51 -11.41	20.53 0.66 -12.40	25.65 1.29 -11.08	29.25 1.50 -11.74	26.82 1.58 -8.94	26.81 1.62 -8.81	27.82 1.69 -9.45	26.21 1.65 -7.88	25.64 1.61 -7.88	24.20 1.61 -6.82	23.98 1.62 -6.34	23.94 1.60 -6.32	25.89 1.70 -7.33	28.80 1.84 -8.70	29.14 1.91 -8.17	32.42 2.19 -9.15	34.00 2.33 -9.45	28.25 2.16 -5.11	22.78 1.68 -3.46	20.83 1.35 -3.47
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.84 0.65 -11.73	18.57 0.57 -11.68	17.53 0.41 -12.69	17.68 0.46 -12.14	17.43 0.50 -10.87	19.93 0.64 -11.81	25.04 1.26 -10.49	28.60 1.44 -11.15	26.12 1.64 -8.18	26.00 1.67 -7.95	26.98 1.72 -8.57	25.38 1.68 -7.02	24.80 1.63 -7.03	23.36 1.61 -5.98	23.16 1.63 -5.51	23.14 1.62 -5.51	25.13 1.75 -6.53	28.08 1.77 -8.06	28.53 1.83 -7.63	31.91 2.15 -8.67	33.49 2.29 -8.98	27.91 2.10 -4.84	22.36 1.57 -3.15	20.48 1.26 -3.20
KIAC_JFK_GT1 23816	24.39 0.80 -16.13	19.33 0.66 -12.35	18.27 0.47 -13.37	18.38 0.50 -12.80	18.07 0.57 -11.44	20.63 0.72 -12.43	26.70 1.37 -12.04	29.41 1.63 -11.77	30.62 1.60 -12.73	33.54 1.57 -15.59	33.56 1.57 -15.30	34.47 1.50 -16.29	33.65 1.45 -16.06	33.82 1.45 -16.61	34.49 1.47 -17.00	33.75 1.46 -16.28	33.71 1.55 -15.31	34.39 1.72 -14.42	32.66 1.81 -11.79	32.96 2.17 -9.70	34.05 2.35 -9.48	28.73 2.12 -5.64	26.57 1.80 -7.13	23.50 1.44 -6.05
KIAC_JFK_GT2 23817	24.39 0.80 -16.13	19.33 0.66 -12.35	18.27 0.47 -13.37	18.38 0.50 -12.80	18.07 0.57 -11.44	20.63 0.72 -12.43	26.70 1.37 -12.04	29.41 1.63 -11.77	30.62 1.60 -12.73	33.54 1.57 -15.59	33.56 1.57 -15.30	34.47 1.50 -16.29	33.65 1.45 -16.06	33.82 1.45 -16.61	34.49 1.47 -17.00	33.75 1.46 -16.28	33.71 1.55 -15.31	34.39 1.72 -14.42	32.66 1.81 -11.79	32.96 2.17 -9.70	34.05 2.35 -9.48	28.73 2.12 -5.64	26.57 1.80 -7.13	23.50 1.44 -6.05



KINTIGH____ 23543	9.43 -0.15 -2.12	8.29 -0.13 -2.11	6.69 -0.04 -2.29	7.24 -0.03 -2.19	7.92 -0.10 -1.96	9.48 -0.13 -2.13	14.94 -0.25 -1.90	16.11 -0.43 -0.53	15.77 -0.55 -0.03	15.79 -0.57 0.02	15.42 -0.48 0.79	15.54 -0.50 0.63	15.09 -0.60 0.45	14.72 -0.55 0.50	14.99 -0.58 0.45	15.30 -0.67 0.05	15.85 -0.62 0.38	16.04 -0.71 1.51	16.91 -0.50 1.66	18.79 -0.44 1.85	19.30 -0.55 2.36	19.89 -0.67 0.41	17.39 -0.83 -0.58	15.84 -0.75 -0.59
LEDERLE____ 23769	19.72 0.63 -11.63	18.45 0.55 -11.58	17.40 0.39 -12.58	17.55 0.44 -12.03	17.32 0.48 -10.77	19.80 0.62 -11.71	24.93 1.22 -10.42	28.49 1.41 -11.08	26.08 1.50 -8.29	25.97 1.54 -8.06	26.98 1.60 -8.69	25.36 1.57 -7.12	24.78 1.52 -7.13	23.34 1.51 -6.06	23.12 1.52 -5.58	23.11 1.51 -5.58	25.07 1.60 -6.61	27.97 1.72 -8.00	28.43 1.79 -7.58	31.76 2.07 -8.61	33.34 2.20 -8.92	27.84 2.06 -4.81	22.33 1.55 -3.13	20.44 1.25 -3.18
LINDEN COGEN____ 23786	24.39 0.76 -16.17	19.33 0.66 -12.35	18.27 0.47 -13.37	18.39 0.51 -12.80	18.07 0.57 -11.44	20.63 0.72 -12.43	26.77 1.44 -12.04	29.39 1.62 -11.77	30.72 1.69 -12.73	33.71 1.74 -15.59	33.79 1.80 -15.30	34.73 1.77 -16.29	33.92 1.73 -16.06	34.08 1.70 -16.61	34.75 1.73 -17.00	34.01 1.71 -16.28	33.98 1.82 -15.31	34.65 1.97 -14.42	32.89 2.04 -11.79	33.13 2.34 -9.70	34.18 2.49 -9.48	28.94 2.33 -5.64	26.57 1.80 -7.13	23.53 1.47 -6.05
LIPA_MISC_IPP 23656	21.07 1.12 -12.50	19.52 0.92 -12.27	18.38 0.61 -13.34	18.50 0.67 -12.76	18.28 0.79 -11.42	20.93 1.04 -12.42	26.52 2.14 -11.09	30.41 2.66 -11.75	27.82 2.56 -8.97	27.81 2.57 -8.86	29.07 2.67 -9.71	28.49 2.57 -9.25	26.65 2.45 -8.06	26.65 2.43 -8.46	26.45 2.45 -7.98	26.87 2.42 -8.44	27.94 2.63 -8.46	30.00 2.96 -8.78	30.59 3.11 -8.42	33.71 3.48 -9.15	35.50 3.82 -9.46	29.44 3.35 -5.11	24.93 2.73 -4.55	21.80 2.31 -3.48
LISF____SOLAR 323691	21.10 1.14 -12.50	19.53 0.94 -12.27	18.40 0.63 -13.34	18.52 0.69 -12.76	18.30 0.81 -11.42	20.96 1.07 -12.42	26.57 2.19 -11.09	30.48 2.72 -11.75	27.87 2.61 -8.97	27.87 2.64 -8.86	29.13 2.72 -9.71	28.54 2.62 -9.25	26.70 2.50 -8.06	26.70 2.48 -8.46	26.50 2.50 -7.98	26.92 2.47 -8.44	28.01 2.70 -8.46	30.07 3.03 -8.78	30.67 3.18 -8.42	33.80 3.56 -9.15	35.59 3.91 -9.46	29.53 3.44 -5.11	24.98 2.79 -4.55	21.85 2.35 -3.48
LITTLE FALLS____HYD 24013	7.69 0.23 0.00	6.50 0.18 0.00	4.55 0.12 0.00	5.21 0.13 0.00	6.21 0.15 0.00	7.65 0.18 0.00	13.62 0.33 0.00	16.42 0.42 0.00	16.70 0.41 0.00	16.80 0.43 0.00	17.16 0.47 0.00	17.14 0.47 0.00	16.59 0.45 0.00	16.21 0.44 0.00	16.48 0.46 0.00	16.48 0.46 0.00	17.38 0.52 0.00	18.84 0.58 0.00	19.71 0.65 0.00	21.86 0.78 0.00	23.03 0.84 0.03	21.77 0.80 0.00	18.30 0.65 0.00	16.62 0.61 0.00
LI_NEWBRDGE____DRP 323616	20.81 0.86 -12.50	19.26 0.66 -12.27	18.21 0.44 -13.34	18.31 0.47 -12.76	18.04 0.55 -11.42	20.63 0.74 -12.42	25.98 1.61 -11.09	29.77 2.02 -11.75	27.23 1.97 -8.97	27.25 2.01 -8.86	28.44 2.04 -9.71	27.92 2.00 -9.25	26.15 1.95 -8.06	26.15 1.92 -8.46	25.97 1.97 -7.98	26.34 1.89 -8.44	27.35 2.04 -8.46	29.20 2.21 -8.74	29.69 2.29 -8.33	32.87 2.64 -9.15	34.48 2.80 -9.46	28.69 2.60 -5.11	23.19 2.08 -3.47	21.22 1.73 -3.48
LONG_LAKE_PHOENIX 24014	8.65 -0.07 -1.26	7.52 -0.05 -1.25	5.75 -0.04 -1.36	6.34 -0.04 -1.30	7.17 -0.05 -1.16	8.67 -0.07 -1.26	14.33 -0.09 -1.13	17.14 -0.10 -1.22	17.07 -0.16 -0.94	17.14 -0.15 -0.91	17.56 -0.12 -0.98	17.35 -0.13 -0.81	16.78 -0.16 -0.81	16.30 -0.16 -0.69	16.49 -0.16 -0.63	16.46 -0.19 -0.63	17.43 -0.17 -0.75	18.92 -0.22 -0.88	19.71 -0.19 -0.84	21.86 -0.17 -0.95	23.06 -0.11 -0.96	21.32 -0.19 -0.53	17.74 -0.25 -0.35	16.15 -0.21 -0.35
LOVETT____3 23632	19.70 0.60 -11.64	18.44 0.53 -11.59	17.39 0.38 -12.59	17.54 0.42 -12.04	17.30 0.46 -10.78	19.78 0.59 -11.72	24.89 1.17 -10.43	28.42 1.33 -11.09	26.01 1.42 -8.30	25.90 1.46 -8.06	26.90 1.52 -8.69	25.28 1.48 -7.12	24.71 1.44 -7.13	23.27 1.43 -6.07	23.06 1.46 -5.58	23.05 1.44 -5.59	25.01 1.53 -6.62	27.91 1.64 -8.01	28.35 1.70 -7.58	31.67 1.96 -8.62	33.23 2.09 -8.93	27.74 1.95 -4.81	22.26 1.48 -3.13	20.38 1.18 -3.18
LOVETT____4 23642	19.70 0.60 -11.64	18.44 0.53 -11.59	17.39 0.38 -12.59	17.54 0.42 -12.04	17.30 0.46 -10.78	19.78 0.59 -11.72	24.89 1.17 -10.43	28.42 1.33 -11.09	26.01 1.42 -8.30	25.90 1.46 -8.06	26.90 1.52 -8.69	25.28 1.48 -7.12	24.71 1.44 -7.13	23.27 1.43 -6.07	23.06 1.46 -5.58	23.05 1.44 -5.59	25.01 1.53 -6.62	27.91 1.64 -8.01	28.35 1.70 -7.58	31.67 1.96 -8.62	33.23 2.09 -8.93	27.74 1.95 -4.81	22.26 1.48 -3.13	20.38 1.18 -3.18
LOVETT____5 23593	19.70 0.60 -11.64	18.44 0.53 -11.59	17.39 0.38 -12.59	17.54 0.42 -12.04	17.30 0.46 -10.78	19.78 0.59 -11.72	24.89 1.17 -10.43	28.42 1.33 -11.09	26.01 1.42 -8.30	25.90 1.46 -8.06	26.90 1.52 -8.69	25.28 1.48 -7.12	24.71 1.44 -7.13	23.27 1.43 -6.07	23.06 1.46 -5.58	23.05 1.44 -5.59	25.01 1.53 -6.62	27.91 1.64 -8.01	28.35 1.70 -7.58	31.67 1.96 -8.62	33.23 2.09 -8.93	27.74 1.95 -4.81	22.26 1.48 -3.13	20.38 1.18 -3.18
LOWER RAQUET____HYD 24057	6.84 -0.62 0.00	5.78 -0.54 0.00	4.02 -0.41 0.00	4.61 -0.47 0.00	5.54 -0.52 0.00	6.84 -0.64 0.00	11.96 -1.33 0.00	14.66 -1.34 0.00	14.88 -1.42 0.00	14.92 -1.46 0.00	15.15 -1.54 0.00	15.16 -1.52 0.00	14.73 -1.40 0.00	14.33 -1.43 0.00	14.59 -1.43 0.00	14.71 -1.31 0.00	15.47 -1.38 0.00	16.83 -1.42 0.00	17.56 -1.51 0.00	19.35 -1.73 0.00	19.79 -1.78 0.65	19.36 -1.61 0.00	16.43 -1.22 0.00	14.83 -1.18 0.00
LOWER____HUDSON 24059	23.92 0.40 -16.06	22.63 0.32 -15.99	22.03 0.23 -17.37	21.98 0.28 -16.62	21.33 0.39 -14.88	24.11 0.46 -16.17	28.60 0.78 -14.52	32.44 0.99 -15.44	29.04 1.09 -11.65	28.78 1.08 -11.32	30.00 1.10 -12.21	27.77 1.10 -10.00	27.15 1.05 -9.97	25.27 1.02 -8.48	24.86 1.04 -7.80	24.85 1.03 -7.81	27.21 1.09 -9.26	30.63 1.22 -11.15	30.96 1.33 -10.56	34.59 1.50 -12.01	36.19 1.55 -12.42	29.08 1.41 -6.70	23.22 1.22 -4.36	21.42 0.98 -4.43
LWR____OSWEGATCHIE_HYD 23850	7.22 -0.51 -0.27	6.14 -0.44 -0.26	4.38 -0.34 -0.29	4.98 -0.38 -0.27	5.89 -0.41 -0.25	7.23 -0.51 -0.27	12.56 -0.97 -0.24	15.34 -0.94 -0.28	15.47 -1.04 -0.22	15.53 -1.06 -0.21	15.82 -1.10 -0.23	15.78 -1.08 -0.19	15.31 -1.02 -0.19	14.87 -1.06 -0.16	15.12 -1.04 -0.15	15.19 -0.98 -0.15	16.05 -0.98 -0.17	17.44 -1.02 -0.20	18.21 -1.05 -0.19	20.12 -1.18 -0.22	20.84 -1.16 0.22	19.96 -1.13 -0.12	16.80 -0.92 -0.08	15.19 -0.90 -0.08
LYONS_FALL_HYD 23570	7.71 -0.07 -0.33	6.57 -0.08 -0.33	4.72 -0.07 -0.36	5.35 -0.07 -0.34	6.31 -0.05 -0.31	7.75 -0.06 -0.33	13.54 -0.05 -0.30	16.46 0.08 -0.37	16.58 0.00 -0.29	16.66 0.00 -0.28	17.01 0.02 -0.30	16.92 0.00 -0.25	16.38 0.00 -0.24	15.94 -0.03 -0.21	16.21 0.00 -0.19	16.23 0.02 -0.19	17.17 0.08 -0.23	18.62 0.09 -0.27	19.47 0.15 -0.25	21.56 0.19 -0.29	22.69 0.31 -0.16	21.28 0.15 -0.16	17.84 0.09 -0.10	16.15 0.03 -0.11



MADISON___COUNTY_LFGE 323628	8.36 0.13 -0.77	7.19 0.10 -0.77	5.33 0.07 -0.83	5.96 0.09 -0.80	6.88 0.11 -0.71	8.39 0.14 -0.78	14.31 0.32 -0.70	17.49 0.54 -0.93	17.50 0.49 -0.72	17.56 0.48 -0.70	17.96 0.52 -0.76	17.81 0.52 -0.62	17.22 0.47 -0.62	16.73 0.44 -0.52	16.97 0.46 -0.48	16.97 0.46 -0.48	18.00 0.57 -0.57	19.53 0.60 -0.67	20.39 0.69 -0.64	22.61 0.80 -0.73	23.87 0.95 -0.70	22.11 0.73 -0.41	18.42 0.51 -0.26	16.69 0.42 -0.27
MAPLE_RIDGE_WT_1 323574	6.79 -0.25 0.43	5.68 -0.21 0.42	3.82 -0.16 0.46	4.47 -0.17 0.44	5.46 -0.21 0.39	6.79 -0.25 0.43	12.46 -0.45 0.37	15.07 -0.53 0.41	15.46 -0.54 0.29	15.55 -0.54 0.29	15.85 -0.53 0.31	15.89 -0.53 0.25	15.39 -0.48 0.26	15.07 -0.47 0.22	15.35 -0.47 0.21	15.40 -0.42 0.21	16.20 -0.40 0.24	17.58 -0.38 0.29	18.42 -0.36 0.28	20.41 -0.36 0.32	21.48 -0.33 0.40	20.52 -0.27 0.18	17.33 -0.19 0.12	15.72 -0.18 0.12
MAPLE_RIDGE_WT_2 323611	6.79 -0.25 0.43	5.68 -0.21 0.42	3.82 -0.16 0.46	4.47 -0.17 0.44	5.46 -0.21 0.39	6.79 -0.25 0.43	12.46 -0.45 0.37	15.07 -0.53 0.41	15.46 -0.54 0.29	15.55 -0.54 0.29	15.85 -0.53 0.31	15.89 -0.53 0.25	15.39 -0.48 0.26	15.07 -0.47 0.22	15.35 -0.47 0.21	15.40 -0.42 0.21	16.20 -0.40 0.24	17.58 -0.38 0.29	18.42 -0.36 0.28	20.41 -0.36 0.32	21.48 -0.33 0.40	20.52 -0.27 0.18	17.33 -0.19 0.12	15.72 -0.18 0.12
MARBLE_RIVER_WT_PWR 323696	7.03 -0.43 0.00	5.91 -0.40 0.00	4.11 -0.32 0.00	4.69 -0.39 0.00	5.63 -0.43 0.00	6.93 -0.54 0.00	12.24 -1.05 0.00	14.79 -1.22 0.00	15.07 -1.22 0.00	15.12 -1.26 0.00	15.35 -1.34 0.00	15.37 -1.30 0.00	14.95 -1.19 0.00	14.59 -1.18 0.00	14.83 -1.19 0.00	14.96 -1.06 0.00	15.76 -1.10 0.00	17.18 -1.08 0.00	17.94 -1.12 0.00	19.82 -1.26 0.00	20.16 -1.24 0.81	19.88 -1.09 0.00	16.88 -0.76 0.00	15.39 -0.62 0.00
MARSH_HILL_WT_PWR 323713	11.00 0.22 -3.32	9.82 0.20 -3.31	8.19 0.17 -3.59	8.73 0.21 -3.43	9.34 0.21 -3.08	11.08 0.26 -3.34	16.86 0.58 -2.99	22.42 0.74 -5.68	21.88 0.60 -4.98	21.90 0.61 -4.91	23.98 0.72 -6.57	22.70 0.67 -5.36	21.74 0.53 -5.07	20.82 0.55 -4.50	20.69 0.54 -4.12	19.90 0.42 -3.46	22.07 0.59 -4.63	26.16 0.62 -7.28	27.24 0.92 -7.26	30.46 1.16 -8.22	32.68 1.24 -9.22	25.48 0.99 -3.52	19.04 0.49 -0.90	17.27 0.34 -0.92
MG INDUSTRY___DRP 24185	23.07 0.40 -15.21	21.79 0.33 -15.14	21.12 0.24 -16.45	21.10 0.28 -15.74	20.50 0.36 -14.09	23.22 0.43 -15.31	27.85 0.68 -13.88	31.58 0.82 -14.75	28.25 0.90 -11.07	28.03 0.90 -10.75	29.20 0.92 -11.60	27.09 0.92 -9.50	26.55 0.89 -9.53	24.74 0.87 -8.10	24.36 0.88 -7.46	24.35 0.86 -7.46	26.62 0.93 -8.84	29.93 1.02 -10.65	30.24 1.09 -10.09	33.78 1.22 -11.47	35.38 1.29 -11.87	28.55 1.17 -6.40	22.78 0.97 -4.17	21.09 0.85 -4.24
MID___OSWEGATCHIE_HYD 23849	7.22 -0.51 -0.27	6.14 -0.44 -0.26	4.38 -0.34 -0.29	4.98 -0.38 -0.27	5.89 -0.41 -0.25	7.23 -0.51 -0.27	12.56 -0.97 -0.24	15.34 -0.94 -0.28	15.47 -1.04 -0.22	15.53 -1.06 -0.21	15.82 -1.10 -0.23	15.78 -1.08 -0.19	15.31 -1.02 -0.19	14.87 -1.06 -0.16	15.12 -1.04 -0.15	15.19 -0.98 -0.15	16.05 -0.98 -0.17	17.44 -1.02 -0.20	18.21 -1.05 -0.19	20.12 -1.18 -0.22	20.84 -1.16 0.22	19.96 -1.13 -0.12	16.80 -0.92 -0.08	15.19 -0.90 -0.08
MID___RAQUETTE_HYD 23851	6.84 -0.62 0.00	5.78 -0.54 0.00	4.02 -0.41 0.00	4.61 -0.47 0.00	5.54 -0.52 0.00	6.84 -0.64 0.00	11.96 -1.33 0.00	14.66 -1.34 0.00	14.88 -1.42 0.00	14.92 -1.46 0.00	15.15 -1.54 0.00	15.16 -1.52 0.00	14.73 -1.40 0.00	14.33 -1.43 0.00	14.59 -1.43 0.00	14.71 -1.31 0.00	15.47 -1.38 0.00	16.83 -1.42 0.00	17.56 -1.51 0.00	19.35 -1.73 0.00	19.79 -1.78 0.65	19.36 -1.61 0.00	16.43 -1.22 0.00	14.83 -1.18 0.00
MILLIKEN___1 23584	10.91 0.20 -3.25	9.73 0.18 -3.23	8.07 0.13 -3.51	8.59 0.15 -3.36	9.24 0.18 -3.01	10.96 0.22 -3.27	16.66 0.45 -2.92	19.71 0.58 -3.13	19.29 0.57 -2.42	19.31 0.57 -2.35	19.85 0.62 -2.54	19.35 0.60 -2.08	18.74 0.52 -2.08	18.04 0.50 -1.77	18.16 0.51 -1.63	18.13 0.48 -1.63	19.37 0.59 -1.93	21.06 0.55 -2.26	21.87 0.67 -2.14	24.33 0.82 -2.43	25.67 0.95 -2.50	23.06 0.73 -1.36	18.98 0.46 -0.88	17.28 0.37 -0.90
MILLIKEN___2 23585	10.91 0.20 -3.25	9.73 0.18 -3.23	8.07 0.13 -3.51	8.59 0.15 -3.36	9.24 0.18 -3.01	10.96 0.22 -3.27	16.66 0.45 -2.92	19.71 0.58 -3.13	19.29 0.57 -2.42	19.31 0.57 -2.35	19.85 0.62 -2.54	19.35 0.60 -2.08	18.74 0.52 -2.08	18.04 0.50 -1.77	18.16 0.51 -1.63	18.13 0.48 -1.63	19.37 0.59 -1.93	21.06 0.55 -2.26	21.87 0.67 -2.14	24.33 0.82 -2.43	25.67 0.95 -2.50	23.06 0.73 -1.36	18.98 0.46 -0.88	17.28 0.37 -0.90
MILLIKEN___DIESEL 23629	10.91 0.20 -3.25	9.73 0.18 -3.23	8.07 0.13 -3.51	8.59 0.15 -3.36	9.24 0.18 -3.01	10.96 0.22 -3.27	16.66 0.45 -2.92	19.71 0.58 -3.13	19.29 0.57 -2.42	19.31 0.57 -2.35	19.85 0.62 -2.54	19.35 0.60 -2.08	18.74 0.52 -2.08	18.04 0.50 -1.77	18.16 0.51 -1.63	18.13 0.48 -1.63	19.37 0.59 -1.93	21.06 0.55 -2.26	21.87 0.67 -2.14	24.33 0.82 -2.43	25.67 0.95 -2.50	23.06 0.73 -1.36	18.98 0.46 -0.88	17.28 0.37 -0.90
MILLSEAT___LFGE 323607	9.69 -0.04 -2.28	8.54 -0.04 -2.27	6.94 0.04 -2.47	7.50 0.06 -2.36	8.16 -0.01 -2.11	9.77 0.01 -2.29	15.35 0.04 -2.02	17.04 -0.06 -1.10	16.74 -0.23 -0.68	16.78 -0.23 -0.63	16.76 -0.12 -0.19	16.68 -0.15 -0.16	16.14 -0.27 -0.27	15.69 -0.24 -0.16	15.91 -0.26 -0.15	16.03 -0.40 -0.41	16.83 -0.30 -0.28	17.58 -0.35 0.33	18.42 -0.08 0.57	20.61 0.06 0.53	21.38 -0.02 0.81	20.92 -0.19 -0.14	17.70 -0.55 -0.61	16.10 -0.53 -0.62
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.50 0.65 -12.39	19.11 0.57 -12.22	18.10 0.40 -13.27	18.23 0.45 -12.70	17.93 0.50 -11.37	20.47 0.63 -12.36	25.55 1.24 -11.03	29.14 1.44 -11.69	26.69 1.52 -8.88	26.67 1.56 -8.73	27.67 1.62 -9.37	26.06 1.60 -7.79	25.48 1.55 -7.79	24.03 1.55 -6.72	23.81 1.55 -6.24	23.78 1.54 -6.22	25.73 1.63 -7.25	28.66 1.77 -8.63	29.01 1.83 -8.11	32.28 2.09 -9.11	33.87 2.24 -9.42	28.14 2.08 -5.09	22.67 1.61 -3.42	20.73 1.28 -3.44
MODEL_CITY_ENERGY 24167	9.59 -0.25 -2.38	8.48 -0.21 -2.37	6.97 -0.05 -2.59	7.51 -0.05 -2.48	8.10 -0.17 -2.21	9.66 -0.21 -2.40	15.04 -0.36 -2.10	15.59 -0.53 -0.11	15.50 -0.67 0.13	15.50 -0.70 0.18	14.99 -0.58 1.12	15.17 -0.60 0.91	14.72 -0.73 0.69	14.36 -0.68 0.73	14.66 -0.70 0.66	15.03 -0.82 0.17	15.53 -0.74 0.59	15.44 -0.84 1.98	16.05 -0.57 2.45	18.10 -0.51 2.48	18.51 -0.69 3.02	19.33 -0.82 0.82	17.24 -1.02 -0.63	15.65 -0.99 -0.64
MODERN_LFGE___ 323580	9.59 -0.25 -2.38	8.48 -0.21 -2.37	6.97 -0.05 -2.59	7.51 -0.05 -2.48	8.10 -0.17 -2.21	9.66 -0.21 -2.40	15.04 -0.36 -2.10	15.59 -0.53 -0.11	15.50 -0.67 0.13	15.50 -0.70 0.18	14.99 -0.58 1.12	15.17 -0.60 0.91	14.72 -0.73 0.69	14.36 -0.68 0.73	14.66 -0.70 0.66	15.03 -0.82 0.17	15.53 -0.74 0.59	15.44 -0.84 1.98	16.05 -0.57 2.45	18.10 -0.51 2.48	18.51 -0.69 3.02	19.33 -0.82 0.82	17.24 -1.02 -0.63	15.65 -0.99 -0.64



MOHAWK_PAPER___DRP 24187	23.73 0.45 -15.83	22.43 0.36 -15.76	21.81 0.26 -17.11	21.78 0.32 -16.38	21.13 0.41 -14.66	23.90 0.49 -15.93	28.36 0.74 -14.32	32.16 0.93 -15.23	28.82 1.04 -11.48	28.55 1.02 -11.16	29.79 1.07 -12.03	27.58 1.05 -9.86	26.99 1.02 -9.83	25.11 0.98 -8.37	24.73 1.01 -7.70	24.70 0.98 -7.70	27.03 1.05 -9.13	30.40 1.15 -11.00	30.70 1.22 -10.42	34.31 1.39 -11.84	35.91 1.44 -12.25	28.90 1.32 -6.61	23.04 1.09 -4.30	21.34 0.96 -4.37
MONGAUP___HYD 23641	19.42 0.66 -11.30	18.15 0.59 -11.25	17.08 0.43 -12.22	17.24 0.48 -11.69	17.03 0.50 -10.46	19.50 0.65 -11.37	24.45 1.04 -10.12	27.91 1.14 -10.76	25.60 1.25 -8.05	25.46 1.26 -7.82	26.43 1.30 -8.44	25.10 1.52 -6.91	24.53 1.47 -6.92	23.12 1.47 -5.89	22.91 1.47 -5.42	22.88 1.44 -5.42	24.57 1.30 -6.42	27.45 1.43 -7.77	27.88 1.45 -7.36	31.22 1.77 -8.37	32.77 1.89 -8.67	27.34 1.70 -4.67	22.13 1.45 -3.04	20.28 1.18 -3.09
MONTAUK___DIESEL 23721	21.41 1.45 -12.50	19.81 1.21 -12.27	18.59 0.82 -13.34	18.74 0.90 -12.76	18.56 1.08 -11.42	21.30 1.41 -12.42	27.18 2.80 -11.09	31.25 3.49 -11.75	28.62 3.36 -8.97	28.64 3.41 -8.86	29.98 3.57 -9.71	29.37 3.45 -9.25	27.41 3.21 -8.06	27.40 3.17 -8.46	27.20 3.20 -7.98	27.66 3.20 -8.44	28.80 3.49 -8.46	31.00 3.96 -8.79	31.66 4.18 -8.42	35.00 4.76 -9.15	36.85 5.18 -9.46	30.64 4.55 -5.11	25.81 3.62 -4.55	22.52 3.03 -3.48
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.34 0.73 -10.15	19.20 0.64 -12.24	18.20 0.45 -13.32	18.32 0.50 -12.74	18.03 0.56 -11.42	20.60 0.72 -12.41	25.17 1.40 -10.48	29.36 1.62 -11.74	24.56 1.71 -6.56	22.67 1.75 -4.54	24.27 1.82 -5.76	21.04 1.78 -2.58	20.61 1.74 -2.73	18.13 1.72 -0.64	17.38 1.75 0.39	17.78 1.73 -0.03	20.99 1.84 -2.30	25.33 1.97 -5.10	27.03 2.06 -5.90	32.24 2.34 -8.81	34.18 2.51 -9.45	28.09 2.33 -4.79	20.59 1.80 -1.15	19.31 1.46 -1.85
MUNSVILLE_WIND_PWR 323609	13.07 0.54 -5.08	11.81 0.44 -5.05	10.21 0.29 -5.49	10.70 0.37 -5.25	11.22 0.45 -4.70	13.17 0.58 -5.11	19.10 1.25 -4.56	22.55 1.68 -4.87	21.85 1.56 -4.00	21.84 1.57 -3.88	22.53 1.65 -4.19	21.71 1.60 -3.43	21.06 1.48 -3.43	20.11 1.42 -2.92	20.21 1.51 -2.69	20.20 1.49 -2.69	21.79 1.75 -3.19	23.63 1.86 -3.51	24.47 2.08 -3.33	27.23 2.36 -3.78	28.81 2.69 -3.91	25.29 2.20 -2.11	20.66 1.64 -1.37	18.78 1.38 -1.40
N SALMON___HYD 24042	6.96 -0.50 0.00	5.87 -0.45 0.00	4.08 -0.35 0.00	4.66 -0.42 0.00	5.61 -0.45 0.00	6.91 -0.56 0.00	12.15 -1.14 0.00	14.71 -1.30 0.00	14.97 -1.32 0.00	14.99 -1.39 0.00	15.20 -1.49 0.00	15.22 -1.45 0.00	14.82 -1.32 0.00	14.43 -1.34 0.00	14.67 -1.35 0.00	14.83 -1.19 0.00	15.61 -1.25 0.00	17.03 -1.22 0.00	17.81 -1.26 0.00	19.65 -1.43 0.00	20.08 -1.38 0.76	19.74 -1.24 0.00	16.74 -0.90 0.00	15.24 -0.77 0.00
N.E._GEN_SANDY PD 24062	22.90 0.31 -15.13	21.65 0.27 -15.06	20.98 0.19 -16.36	20.95 0.22 -15.65	20.40 0.33 -14.01	23.09 0.39 -15.23	27.60 0.68 -13.63	31.35 0.85 -14.49	28.16 0.96 -10.90	27.92 0.95 -10.60	29.05 0.93 -11.43	27.00 0.97 -9.36	26.40 0.90 -9.36	24.61 0.88 -7.96	24.24 0.90 -7.33	24.25 0.90 -7.33	26.50 0.96 -8.69	29.80 1.08 -10.47	30.20 1.22 -9.91	33.66 1.31 -11.27	35.26 1.38 -11.67	28.50 1.24 -6.29	23.07 1.13 -4.30	21.08 0.91 -4.16
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.71 0.62 -11.63	18.44 0.54 -11.58	17.40 0.39 -12.58	17.54 0.43 -12.04	17.30 0.47 -10.78	19.79 0.61 -11.71	24.89 1.18 -10.42	28.45 1.36 -11.08	26.04 1.45 -8.29	25.93 1.49 -8.06	26.92 1.53 -8.69	25.31 1.52 -7.12	24.74 1.47 -7.13	23.30 1.47 -6.06	23.07 1.47 -5.58	23.08 1.47 -5.58	25.04 1.57 -6.62	27.94 1.68 -8.00	28.38 1.73 -7.58	31.70 2.00 -8.62	33.27 2.13 -8.92	27.78 1.99 -4.81	22.27 1.50 -3.13	20.39 1.20 -3.18
NARROWS_GT1_1 24228	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT1_2 24229	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT1_3 24230	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT1_4 24231	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT1_5 24232	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT1_6 24233	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT1_7 24234	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64



NARROWS_GT1_8 24235	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT2_1 24236	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT2_2 24237	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT2_3 24238	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT2_4 24239	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT2_5 24240	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT2_6 24241	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT2_7 24242	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NARROWS_GT2_8 24243	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.35 0.65 -13.25	20.07 0.56 -13.19	19.17 0.42 -14.32	19.26 0.47 -13.71	18.86 0.53 -12.27	21.49 0.68 -13.33	26.36 1.18 -11.89	30.01 1.36 -12.64	27.22 1.48 -9.45	27.05 1.49 -9.18	28.11 1.52 -9.90	26.27 1.48 -8.11	25.70 1.44 -8.12	24.10 1.42 -6.91	23.80 1.43 -6.36	23.78 1.39 -6.36	25.89 1.50 -7.54	29.03 1.64 -9.13	29.41 1.70 -8.64	32.93 2.02 -9.83	34.53 2.13 -10.18	28.39 1.93 -5.48	22.63 1.41 -3.57	20.82 1.18 -3.63
NEG CAPITAL___MECHNVIL 23645	24.21 0.49 -16.26	22.89 0.39 -16.19	22.30 0.28 -17.58	22.26 0.36 -16.82	21.60 0.48 -15.06	24.40 0.56 -16.37	29.04 1.05 -14.70	32.93 1.30 -15.62	29.61 1.48 -11.84	29.32 1.44 -11.50	30.60 1.50 -12.40	28.32 1.48 -10.16	27.66 1.42 -10.10	25.70 1.34 -8.59	25.27 1.35 -7.90	25.24 1.31 -7.91	27.62 1.40 -9.37	31.11 1.57 -11.28	31.43 1.68 -10.69	35.17 1.94 -12.15	36.76 1.98 -12.57	29.54 1.78 -6.78	23.57 1.52 -4.41	21.65 1.15 -4.48
NEG CENTRAL_HIGH_ACRES 23767	9.13 -0.19 -1.87	8.01 -0.16 -1.86	6.35 -0.10 -2.02	6.90 -0.11 -1.93	7.66 -0.13 -1.73	9.19 -0.16 -1.88	14.69 -0.28 -1.67	16.77 -0.42 -1.18	17.15 -0.52 -1.38	17.23 -0.49 -1.34	17.70 -0.43 -1.45	17.39 -0.47 -1.19	16.81 -0.52 -1.19	16.29 -0.49 -1.01	16.43 -0.51 -0.93	16.36 -0.59 -0.93	17.40 -0.56 -1.10	18.90 -0.66 -1.30	19.19 -0.55 -0.68	21.82 -0.53 -1.26	23.16 -0.49 -1.44	20.61 -0.63 -0.27	17.39 -0.76 -0.51	15.87 -0.66 -0.52
NEG CENTRAL___DRP 24199	9.60 0.07 -2.07	8.44 0.06 -2.06	6.73 0.05 -2.24	7.29 0.07 -2.14	8.05 0.07 -1.92	9.66 0.10 -2.09	15.38 0.23 -1.86	18.26 0.26 -2.00	18.13 0.29 -1.54	18.19 0.31 -1.50	18.67 0.37 -1.61	18.33 0.33 -1.32	17.71 0.24 -1.32	17.15 0.25 -1.13	17.29 0.24 -1.04	17.25 0.19 -1.04	18.35 0.27 -1.23	19.83 0.13 -1.44	20.68 0.25 -1.37	23.00 0.36 -1.56	24.26 0.44 -1.60	22.11 0.27 -0.87	18.24 0.04 -0.57	16.60 0.02 -0.57
NEG CENTRAL___INDECK 23768	10.42 0.19 -2.77	9.24 0.16 -2.76	7.57 0.14 -3.00	8.12 0.17 -2.87	8.81 0.19 -2.57	10.52 0.25 -2.79	16.31 0.53 -2.49	19.97 0.58 -3.38	19.80 0.42 -3.08	19.86 0.46 -3.02	21.04 0.57 -3.78	20.28 0.52 -3.09	19.50 0.39 -2.97	18.77 0.39 -2.61	18.79 0.38 -2.39	17.85 -0.29 -2.12	19.40 -0.19 -2.73	21.98 -0.26 -3.98	22.64 -0.08 -3.65	25.44 -0.02 -4.38	27.33 0.22 -4.89	23.48 0.71 -1.80	18.59 0.19 -0.75	16.95 0.18 -0.76
NEG CENTRAL___SENECA 23627	9.88 0.12 -2.31	8.73 0.11 -2.30	7.02 0.09 -2.49	7.58 0.12 -2.39	8.32 0.13 -2.14	9.95 0.16 -2.32	15.71 0.34 -2.07	18.63 0.40 -2.22	18.34 0.34 -1.71	18.40 0.36 -1.66	18.91 0.43 -1.79	18.52 0.38 -1.47	17.90 0.29 -1.47	17.31 0.30 -1.25	17.45 0.29 -1.15	17.39 0.22 -1.15	18.53 0.32 -1.36	20.14 0.27 -1.60	21.00 0.42 -1.52	23.40 0.59 -1.73	24.68 0.69 -1.78	22.40 0.46 -0.96	18.41 0.14 -0.63	16.74 0.10 -0.64



NEG CENTRAL___STATE_STREET 24147	9.58 0.10 -2.02	8.43 0.09 -2.01	6.69 0.07 -2.19	7.26 0.09 -2.09	8.03 0.10 -1.87	9.63 0.12 -2.04	15.36 0.25 -1.82	18.30 0.34 -1.96	18.23 0.42 -1.51	18.29 0.44 -1.47	18.77 0.50 -1.58	18.44 0.47 -1.30	17.84 0.40 -1.30	17.25 0.38 -1.10	17.42 0.38 -1.02	17.37 0.34 -1.02	18.50 0.44 -1.21	19.93 0.26 -1.41	20.75 0.34 -1.34	23.07 0.46 -1.52	24.35 0.58 -1.56	22.22 0.40 -0.85	18.35 0.16 -0.55	16.70 0.13 -0.56
NEG MILLWOOD___DRP 24198	20.69 0.72 -12.51	19.41 0.63 -12.46	18.40 0.44 -13.53	18.52 0.50 -12.95	18.20 0.55 -11.59	20.77 0.70 -12.60	25.84 1.38 -11.16	29.47 1.59 -11.87	26.85 1.66 -8.89	26.74 1.72 -8.64	27.81 1.80 -9.32	26.06 1.75 -7.63	25.44 1.66 -7.64	23.92 1.66 -6.50	23.67 1.67 -5.98	23.69 1.68 -5.99	25.73 1.79 -7.09	28.73 1.90 -8.57	29.13 1.95 -8.12	32.57 2.26 -9.23	34.26 2.49 -9.56	28.43 2.31 -5.15	22.71 1.71 -3.35	20.78 1.36 -3.41
NEG NORTH_FLCN_SEA 23793	7.07 -0.39 0.00	5.96 -0.36 0.00	4.14 -0.29 0.00	4.72 -0.36 0.00	5.68 -0.38 0.00	7.00 -0.47 0.00	12.33 -0.96 0.00	14.89 -1.12 0.00	15.17 -1.12 0.00	15.20 -1.18 0.00	15.44 -1.25 0.00	15.46 -1.22 0.00	15.04 -1.10 0.00	14.65 -1.12 0.00	14.90 -1.12 0.00	15.04 -0.98 0.00	15.82 -1.03 0.00	17.27 -0.99 0.00	18.05 -1.01 0.00	19.94 -1.14 0.00	20.32 -1.09 0.81	20.01 -0.96 0.00	16.97 -0.67 0.00	15.48 -0.53 0.00
NEG NORTH_KES_CHATEGAY 23792	7.01 -0.45 0.00	5.91 -0.40 0.00	4.11 -0.32 0.00	4.69 -0.39 0.00	5.64 -0.42 0.00	6.95 -0.52 0.00	12.24 -1.05 0.00	14.79 -1.22 0.00	15.07 -1.22 0.00	15.12 -1.26 0.00	15.35 -1.34 0.00	15.37 -1.30 0.00	14.95 -1.19 0.00	14.59 -1.18 0.00	14.82 -1.20 0.00	14.96 -1.06 0.00	15.72 -1.13 0.00	17.16 -1.09 0.00	17.90 -1.16 0.00	19.78 -1.31 0.00	20.13 -1.29 0.80	19.84 -1.13 0.00	16.85 -0.79 0.00	15.37 -0.64 0.00
NEG NORTH___ALICE_FALLS 23915	7.06 -0.40 0.00	5.95 -0.37 0.00	4.13 -0.30 0.00	4.71 -0.37 0.00	5.67 -0.39 0.00	6.99 -0.49 0.00	12.29 -1.00 0.00	14.84 -1.17 0.00	15.12 -1.17 0.00	15.15 -1.23 0.00	15.37 -1.32 0.00	15.39 -1.28 0.00	14.98 -1.16 0.00	14.59 -1.18 0.00	14.83 -1.19 0.00	14.99 -1.03 0.00	15.77 -1.08 0.00	17.24 -1.02 0.00	18.02 -1.05 0.00	19.90 -1.18 0.00	20.30 -1.11 0.81	19.99 -0.99 0.00	16.95 -0.69 0.00	15.47 -0.54 0.00
NEG NORTH___LWR_SARANAC 23913	7.06 -0.40 0.00	5.95 -0.37 0.00	4.13 -0.30 0.00	4.71 -0.37 0.00	5.67 -0.39 0.00	6.99 -0.49 0.00	12.29 -1.00 0.00	14.84 -1.17 0.00	15.12 -1.17 0.00	15.15 -1.23 0.00	15.37 -1.32 0.00	15.39 -1.28 0.00	14.98 -1.16 0.00	14.59 -1.18 0.00	14.83 -1.19 0.00	14.99 -1.03 0.00	15.77 -1.08 0.00	17.24 -1.02 0.00	18.02 -1.05 0.00	19.90 -1.18 0.00	20.30 -1.11 0.81	19.99 -0.99 0.00	16.95 -0.69 0.00	15.47 -0.54 0.00
NEG NORTH___PLATTSBURG 23628	7.06 -0.40 0.00	5.95 -0.37 0.00	4.13 -0.30 0.00	4.71 -0.37 0.00	5.67 -0.39 0.00	6.99 -0.49 0.00	12.29 -1.00 0.00	14.84 -1.17 0.00	15.12 -1.17 0.00	15.15 -1.23 0.00	15.37 -1.32 0.00	15.39 -1.28 0.00	14.98 -1.16 0.00	14.59 -1.18 0.00	14.83 -1.19 0.00	14.99 -1.03 0.00	15.77 -1.08 0.00	17.24 -1.02 0.00	18.02 -1.05 0.00	19.90 -1.18 0.00	20.30 -1.11 0.81	19.99 -0.99 0.00	16.95 -0.69 0.00	15.47 -0.54 0.00
NEG WEST_LEA_LOCKPORT 23791	9.71 -0.13 -2.37	8.57 -0.11 -2.36	7.01 0.00 -2.57	7.56 0.02 -2.46	8.18 -0.08 -2.20	9.77 -0.10 -2.39	15.24 -0.16 -2.11	16.99 -0.29 -1.27	16.68 -0.44 -0.83	16.70 -0.46 -0.78	16.73 -0.35 -0.39	16.63 -0.37 -0.33	16.09 -0.48 -0.43	15.63 -0.44 -0.30	15.83 -0.47 -0.28	15.94 -0.59 -0.52	16.79 -0.49 -0.42	17.56 -0.58 0.11	18.44 -0.29 0.34	20.62 -0.19 0.28	21.34 -0.36 0.52	20.72 -0.50 -0.25	17.52 -0.76 -0.63	15.90 -0.75 -0.64
NEG WEST___LANCASTR 23811	10.57 0.28 -2.84	9.38 0.23 -2.83	7.72 0.23 -3.06	8.29 0.28 -2.93	8.93 0.24 -2.63	10.63 0.30 -2.86	16.50 0.64 -2.57	27.62 0.74 -10.87	29.09 0.60 -12.19	29.08 0.57 -12.13	35.53 0.70 -18.14	32.12 0.67 -14.78	30.25 0.50 -13.61	28.63 0.54 -12.33	27.82 0.53 -11.27	25.08 0.42 -8.64	29.76 0.57 -12.33	40.55 0.58 -21.71	40.47 0.92 -20.49	46.75 1.16 -24.50	51.89 1.07 -28.61	29.99 0.82 -8.20	18.76 0.33 -0.78	17.00 0.19 -0.79
NEG_PENN_ALLEGHNY 23528	12.97 0.25 -5.26	11.78 0.23 -5.24	10.29 0.17 -5.69	10.72 0.20 -5.44	11.16 0.22 -4.87	13.04 0.27 -5.30	18.57 0.55 -4.73	22.28 0.66 -5.61	20.76 0.60 -3.87	20.74 0.61 -3.76	21.41 0.67 -4.05	20.64 0.65 -3.32	20.03 0.56 -3.32	19.16 0.57 -2.83	19.18 0.56 -2.60	19.15 0.53 -2.60	20.56 0.62 -3.08	22.57 0.68 -3.64	23.82 0.80 -3.95	26.10 0.97 -4.05	27.33 1.07 -4.05	24.52 0.88 -2.67	19.63 0.56 -1.43	17.91 0.45 -1.45
NEG___GEN_MONROE 24207	9.37 -0.04 -1.95	8.22 -0.04 -1.95	6.55 0.00 -2.11	7.11 0.01 -2.02	7.86 -0.01 -1.81	9.45 0.01 -1.97	15.05 0.01 -1.75	17.06 -0.11 -1.17	16.79 -0.21 -0.71	16.85 -0.20 -0.67	16.94 -0.10 -0.35	16.83 -0.13 -0.29	16.29 -0.23 -0.38	15.83 -0.21 -0.27	16.05 -0.22 -0.25	16.09 -0.37 -0.44	16.91 -0.32 -0.37	17.82 -0.38 0.05	18.68 -0.23 0.16	20.79 -0.13 0.16	21.70 -0.13 0.38	20.93 -0.27 -0.23	17.64 -0.53 -0.53	16.12 -0.43 -0.54
NEPA___ENERGY 23901	10.63 0.31 -2.86	9.43 0.26 -2.85	7.77 0.25 -3.09	8.34 0.30 -2.96	8.98 0.27 -2.65	10.69 0.34 -2.88	16.57 0.69 -2.58	25.01 0.78 -8.22	24.39 0.65 -7.44	24.38 0.62 -7.38	28.07 0.75 -10.63	26.06 0.72 -8.67	24.74 0.55 -8.05	23.61 0.60 -7.24	23.22 0.58 -6.63	21.72 0.46 -5.24	24.79 0.62 -7.31	31.30 0.62 -12.42	32.80 0.97 -12.76	36.54 1.22 -14.23	39.52 1.13 -16.18	27.74 0.88 -5.89	18.83 0.41 -0.78	17.08 0.27 -0.80
NEVERSINK___HYD 23608	19.37 0.62 -11.29	18.10 0.54 -11.24	17.03 0.39 -12.21	17.19 0.43 -11.68	17.00 0.48 -10.46	19.45 0.61 -11.37	24.60 1.21 -10.10	28.14 1.39 -10.74	25.71 1.63 -7.78	25.60 1.65 -7.56	26.55 1.70 -8.16	25.02 1.67 -6.68	24.43 1.60 -6.69	23.04 1.58 -5.69	22.86 1.60 -5.24	22.85 1.59 -5.24	24.80 1.74 -6.21	27.69 1.68 -7.76	28.17 1.75 -7.35	31.48 2.04 -8.35	33.06 2.20 -8.65	27.65 2.01 -4.66	22.18 1.50 -3.03	20.31 1.22 -3.08
NEWTON___FALLS_HYD 23847	7.22 -0.51 -0.27	6.14 -0.44 -0.26	4.38 -0.34 -0.29	4.98 -0.38 -0.27	5.89 -0.41 -0.25	7.23 -0.51 -0.27	12.56 -0.97 -0.24	15.34 -0.94 -0.28	15.47 -1.04 -0.22	15.53 -1.06 -0.21	15.82 -1.10 -0.23	15.78 -1.08 -0.19	15.31 -1.02 -0.19	14.87 -1.06 -0.16	15.12 -1.04 -0.15	15.19 -0.98 -0.15	16.05 -0.98 -0.17	17.44 -1.02 -0.20	18.21 -1.05 -0.19	20.12 -1.18 -0.22	20.84 -1.16 0.22	19.96 -1.13 -0.12	16.80 -0.92 -0.08	15.19 -0.90 -0.08
NIAGARA_115E_LBMP 323715	9.55 -0.31 -2.40	8.44 -0.26 -2.38	6.95 -0.08 -2.61	7.49 -0.08 -2.49	8.06 -0.22 -2.22	9.62 -0.27 -2.41	14.94 -0.47 -2.11	14.93 -0.66 0.42	14.93 -0.80 0.56	14.93 -0.83 0.61	14.15 -0.73 1.81	14.45 -0.75 1.47	14.08 -0.86 1.20	13.77 -0.80 1.20	14.10 -0.83 1.09	14.59 -0.95 0.48	14.93 -0.88 1.05	14.44 -0.99 2.83	14.92 -0.72 3.42	16.94 -0.65 3.49	17.18 -0.87 4.17	18.63 -1.01 1.33	17.10 -1.16 -0.63	15.53 -1.12 -0.64



NIAGARA_115W_LBMP 323714	9.61 -0.25 -2.40	8.49 -0.21 -2.38	6.97 -0.07 -2.61	7.51 -0.07 -2.50	8.11 -0.17 -2.22	9.66 -0.22 -2.41	15.01 -0.44 -2.16	14.92 -0.67 0.42	14.90 -0.83 0.56	14.91 -0.85 0.61	14.17 -0.75 1.77	14.44 -0.77 1.47	14.07 -0.87 1.20	13.77 -0.80 1.20	14.10 -0.83 1.09	14.63 -0.95 0.44	14.95 -0.89 1.01	14.42 -1.00 2.83	14.90 -0.74 3.42	16.92 -0.72 3.45	17.14 -0.91 4.17	18.63 -1.05 1.29	17.14 -1.16 -0.66	15.61 -1.07 -0.67
NIAGARA_230_LBMP 323716	9.65 -0.18 -2.38	8.53 -0.15 -2.36	6.97 -0.03 -2.57	7.51 -0.03 -2.46	8.14 -0.12 -2.20	9.71 -0.16 -2.39	15.11 -0.32 -2.13	15.06 -0.54 0.40	15.07 -0.68 0.54	15.07 -0.72 0.59	14.30 -0.60 1.79	14.61 -0.62 1.45	14.23 -0.73 1.18	13.92 -0.68 1.18	14.25 -0.70 1.07	14.74 -0.82 0.46	15.08 -0.74 1.03	14.59 -0.86 2.81	15.08 -0.59 3.40	17.09 -0.53 3.47	17.36 -0.71 4.15	18.82 -0.84 1.31	17.28 -1.00 -0.65	15.75 -0.91 -0.66
NIAGARA____ 23760	9.57 -0.28 -2.39	8.46 -0.24 -2.38	6.96 -0.08 -2.61	7.50 -0.08 -2.50	8.08 -0.20 -2.22	9.64 -0.25 -2.41	15.00 -0.43 -2.13	14.99 -0.61 0.41	14.99 -0.75 0.56	14.99 -0.79 0.60	14.21 -0.69 1.79	14.51 -0.70 1.46	14.14 -0.81 1.19	13.82 -0.76 1.19	14.16 -0.78 1.08	14.66 -0.90 0.47	15.00 -0.83 1.03	14.50 -0.93 2.82	14.99 -0.67 3.41	17.00 -0.61 3.47	17.26 -0.80 4.16	18.71 -0.94 1.32	17.19 -1.09 -0.64	15.60 -1.06 -0.65
NINE_MILE_1 23575	8.31 -0.13 -0.98	7.20 -0.10 -0.98	5.43 -0.07 -1.06	6.02 -0.08 -1.02	6.87 -0.10 -0.91	8.34 -0.13 -0.99	13.96 -0.21 -0.88	16.69 -0.27 -0.95	16.71 -0.31 -0.73	16.77 -0.31 -0.71	17.15 -0.30 -0.76	17.00 -0.30 -0.62	16.44 -0.32 -0.62	16.00 -0.30 -0.53	16.19 -0.32 -0.49	16.17 -0.34 -0.49	17.11 -0.32 -0.58	18.56 -0.38 -0.69	19.34 -0.38 -0.65	21.44 -0.38 -0.74	22.59 -0.38 -0.76	20.97 -0.42 -0.41	17.51 -0.41 -0.27	15.95 -0.34 -0.27
NINE_MILE_2 23744	8.31 -0.13 -0.98	7.19 -0.11 -0.98	5.42 -0.07 -1.06	6.02 -0.08 -1.02	6.87 -0.10 -0.91	8.33 -0.13 -0.99	13.96 -0.21 -0.88	16.69 -0.27 -0.95	16.69 -0.33 -0.73	16.77 -0.31 -0.71	17.15 -0.30 -0.76	17.00 -0.30 -0.62	16.44 -0.32 -0.62	15.98 -0.32 -0.53	16.19 -0.32 -0.49	16.17 -0.34 -0.49	17.11 -0.32 -0.58	18.54 -0.40 -0.69	19.33 -0.38 -0.65	21.42 -0.40 -0.74	22.59 -0.38 -0.75	20.97 -0.42 -0.41	17.51 -0.41 -0.27	15.93 -0.35 -0.27
NM_CAPITAL____DRP 24208	23.63 0.43 -15.74	22.34 0.35 -15.66	21.70 0.26 -17.02	21.67 0.31 -16.28	21.04 0.40 -14.58	23.79 0.48 -15.84	28.20 0.66 -14.24	31.97 0.82 -15.14	28.63 0.93 -11.41	28.38 0.92 -11.08	29.59 0.95 -11.95	27.41 0.95 -9.79	26.82 0.90 -9.78	24.97 0.88 -8.32	24.57 0.90 -7.66	24.56 0.88 -7.66	26.86 0.93 -9.08	30.23 1.04 -10.93	30.51 1.09 -10.36	34.10 1.24 -11.77	35.69 1.29 -12.18	28.72 1.17 -6.57	22.91 0.99 -4.28	21.25 0.90 -4.35
NM_CENTRAL____DRP 24181	8.86 0.01 -1.40	7.72 0.01 -1.39	5.95 0.01 -1.51	6.54 0.02 -1.44	7.36 0.01 -1.29	8.89 0.01 -1.40	14.61 0.07 -1.25	17.48 0.10 -1.38	17.42 0.07 -1.06	17.48 0.07 -1.03	17.92 0.12 -1.11	17.68 0.10 -0.91	17.11 0.06 -0.91	16.61 0.06 -0.77	16.78 0.05 -0.71	16.76 0.03 -0.71	17.77 0.07 -0.84	19.25 0.00 -1.00	20.07 0.06 -0.94	22.26 0.11 -1.07	23.48 0.18 -1.09	21.64 0.06 -0.60	17.98 -0.05 -0.39	16.36 -0.05 -0.40
NM_FRONTIER____DRP 24179	9.61 -0.25 -2.40	8.49 -0.21 -2.38	6.97 -0.07 -2.61	7.51 -0.07 -2.50	8.11 -0.17 -2.22	9.66 -0.22 -2.41	15.01 -0.44 -2.16	14.92 -0.67 0.42	14.90 -0.83 0.56	14.91 -0.85 0.61	14.17 -0.75 1.77	14.44 -0.77 1.47	14.07 -0.87 1.20	13.77 -0.80 1.20	14.10 -0.83 1.09	14.63 -0.95 0.44	14.95 -0.89 1.01	14.42 -1.00 2.83	14.90 -0.74 3.42	16.92 -0.72 3.45	17.14 -0.91 4.17	18.63 -1.05 1.29	17.14 -1.16 -0.66	15.61 -1.07 -0.67
NM_ST_REGIS____HYD 24053	6.86 -0.60 0.00	5.79 -0.52 0.00	4.03 -0.40 0.00	4.62 -0.46 0.00	5.56 -0.50 0.00	6.85 -0.63 0.00	11.99 -1.30 0.00	14.66 -1.34 0.00	14.89 -1.40 0.00	14.92 -1.46 0.00	15.15 -1.54 0.00	15.16 -1.52 0.00	14.75 -1.39 0.00	14.35 -1.42 0.00	14.59 -1.43 0.00	14.72 -1.30 0.00	15.49 -1.36 0.00	16.87 -1.39 0.00	17.60 -1.47 0.00	19.42 -1.67 0.00	19.83 -1.71 0.67	19.44 -1.53 0.00	16.50 -1.15 0.00	14.92 -1.09 0.00
NORTHPORT____1 23551	20.94 0.98 -12.50	19.38 0.78 -12.27	18.29 0.52 -13.34	18.40 0.56 -12.76	18.15 0.67 -11.42	20.78 0.89 -12.42	26.25 1.87 -11.09	30.09 2.34 -11.75	27.52 2.26 -8.97	27.54 2.31 -8.86	28.72 2.32 -9.71	28.19 2.27 -9.25	26.41 2.21 -8.06	26.42 2.19 -8.46	26.21 2.21 -7.98	26.62 2.16 -8.44	27.65 2.34 -8.46	29.41 2.37 -8.78	30.03 2.56 -8.41	33.29 3.06 -9.15	34.67 3.00 -9.46	29.02 2.94 -5.11	24.28 2.26 -4.38	21.51 2.02 -3.48
NORTHPORT____2 23552	20.94 0.98 -12.50	19.38 0.78 -12.27	18.29 0.52 -13.34	18.40 0.56 -12.76	18.15 0.67 -11.42	20.78 0.89 -12.42	26.25 1.87 -11.09	30.09 2.34 -11.75	27.52 2.26 -8.97	27.54 2.31 -8.86	28.72 2.32 -9.71	28.19 2.27 -9.25	26.41 2.21 -8.06	26.42 2.19 -8.46	26.21 2.21 -7.98	26.62 2.16 -8.44	27.65 2.34 -8.46	29.41 2.37 -8.78	30.03 2.56 -8.41	33.29 3.06 -9.15	34.67 3.00 -9.46	29.02 2.94 -5.11	24.28 2.26 -4.38	21.51 2.02 -3.48
NORTHPORT____3 23553	20.85 0.89 -12.50	19.31 0.71 -12.27	18.23 0.47 -13.34	18.34 0.50 -12.76	18.07 0.59 -11.42	20.70 0.81 -12.42	26.09 1.72 -11.09	30.13 2.37 -11.75	27.39 2.13 -8.97	27.44 2.21 -8.86	28.34 1.94 -9.71	27.92 2.00 -9.25	26.35 2.15 -8.06	26.35 2.13 -8.46	26.15 2.15 -7.98	26.52 2.07 -8.44	27.45 2.14 -8.46	30.32 3.29 -8.78	30.23 2.76 -8.40	32.47 2.23 -9.15	35.65 3.98 -9.46	28.42 2.33 -5.11	25.51 3.57 -4.30	21.35 1.86 -3.48
NORTHPORT____4 23650	20.85 0.89 -12.50	19.31 0.71 -12.27	18.23 0.47 -13.34	18.34 0.50 -12.76	18.07 0.59 -11.42	20.70 0.81 -12.42	26.09 1.72 -11.09	30.13 2.37 -11.75	27.39 2.13 -8.97	27.44 2.21 -8.86	28.34 1.94 -9.71	27.92 2.00 -9.25	26.35 2.15 -8.06	26.35 2.13 -8.46	26.15 2.15 -7.98	26.52 2.07 -8.44	27.45 2.14 -8.46	30.32 3.29 -8.78	30.23 2.76 -8.40	32.47 2.23 -9.15	35.65 3.98 -9.46	28.42 2.33 -5.11	25.51 3.57 -4.30	21.35 1.86 -3.48
NORTHPORT____IC 23718	20.94 0.98 -12.50	19.38 0.78 -12.27	18.29 0.52 -13.34	18.40 0.56 -12.76	18.15 0.67 -11.42	20.78 0.89 -12.42	26.25 1.87 -11.09	30.09 2.34 -11.75	27.52 2.26 -8.97	27.54 2.31 -8.86	28.72 2.32 -9.71	28.19 2.27 -9.25	26.41 2.21 -8.06	26.42 2.19 -8.46	26.21 2.21 -7.98	26.62 2.16 -8.44	27.65 2.34 -8.46	29.41 2.37 -8.78	30.03 2.56 -8.41	33.29 3.06 -9.15	34.67 3.00 -9.46	29.02 2.94 -5.11	24.28 2.26 -4.38	21.51 2.02 -3.48
NPX_GEN_1385_PROXY 323591	20.89 0.94 -12.50	19.34 0.75 -12.27	18.26 0.49 -13.34	18.37 0.53 -12.76	18.11 0.63 -11.42	20.73 0.84 -12.42	26.17 1.79 -11.09	29.98 2.22 -11.75	27.39 2.13 -8.97	27.41 2.18 -8.86	28.05 2.07 -9.29	26.96 2.02 -8.27	26.11 1.97 -8.00	25.63 1.95 -7.91	25.19 1.97 -7.20	25.94 1.92 -8.00	27.42 2.11 -8.46	29.30 2.26 -8.78	29.92 2.44 -8.41	33.17 2.93 -9.15	34.45 2.78 -9.46	27.90 2.62 -4.30	24.18 2.15 -4.38	21.41 1.92 -3.48



NPX_GEN_CSC 323557	21.07 1.11 -12.50	19.52 0.93 -12.27	18.38 0.62 -13.34	18.51 0.67 -12.76	18.28 0.80 -11.42	20.93 1.04 -12.42	26.52 2.14 -11.09	30.43 2.67 -11.75	27.77 2.51 -8.97	27.76 2.52 -8.86	29.04 2.64 -9.71	28.42 2.50 -9.25	26.59 2.39 -8.06	26.59 2.36 -8.46	26.39 2.39 -7.98	26.81 2.36 -8.44	27.89 2.58 -8.46	30.02 2.98 -8.79	30.61 3.13 -8.42	33.67 3.44 -9.15	35.52 3.84 -9.46	29.38 3.29 -5.11	24.95 2.75 -4.55	21.80 2.31 -3.48
NSINS_S_GLNS_FALLS 23858	24.35 0.54 -16.35	23.00 0.41 -16.27	22.41 0.31 -17.67	22.39 0.40 -16.91	21.73 0.53 -15.14	24.55 0.62 -16.45	29.27 1.21 -14.77	33.22 1.50 -15.70	30.12 1.86 -11.97	29.80 1.79 -11.63	31.13 1.90 -12.54	28.78 1.83 -10.27	28.10 1.78 -10.19	25.96 1.53 -8.67	25.52 1.52 -7.98	25.47 1.47 -7.98	27.84 1.57 -9.42	31.39 1.79 -11.34	31.70 1.89 -10.75	35.49 2.19 -12.22	37.10 2.24 -12.64	29.80 2.01 -6.82	23.78 1.69 -4.44	21.75 1.23 -4.51
NUCOR_STEEL___DRP 24197	9.48 0.09 -1.94	8.33 0.08 -1.93	6.58 0.06 -2.09	7.16 0.08 -2.00	7.94 0.08 -1.79	9.52 0.10 -1.95	15.24 0.21 -1.74	18.15 0.27 -1.87	18.12 0.38 -1.45	18.18 0.39 -1.41	18.67 0.47 -1.52	18.35 0.43 -1.24	17.74 0.35 -1.24	17.17 0.35 -1.06	17.33 0.34 -0.97	17.30 0.30 -0.97	18.40 0.39 -1.15	19.79 0.18 -1.35	20.61 0.27 -1.28	22.90 0.36 -1.46	24.17 0.47 -1.49	22.10 0.32 -0.81	18.30 0.12 -0.53	16.64 0.10 -0.54
NYISO_LBMP_REFERENCE 24008	7.46 0.00 0.00	6.32 0.00 0.00	4.43 0.00 0.00	5.08 0.00 0.00	6.06 0.00 0.00	7.47 0.00 0.00	13.29 0.00 0.00	16.01 0.00 0.00	16.29 0.00 0.00	16.38 0.00 0.00	16.69 0.00 0.00	16.67 0.00 0.00	16.14 0.00 0.00	15.77 0.00 0.00	16.02 0.00 0.00	16.02 0.00 0.00	16.85 0.00 0.00	18.26 0.00 0.00	19.07 0.00 0.00	21.08 0.00 0.00	22.21 0.00 0.00	20.97 0.00 0.00	17.64 0.00 0.00	16.01 0.00 0.00
NYPA_BRENTWD____GT 24164	21.01 1.06 -12.50	19.44 0.85 -12.27	18.33 0.56 -13.34	18.45 0.61 -12.76	18.21 0.73 -11.42	20.86 0.97 -12.42	26.40 2.02 -11.09	30.29 2.53 -11.75	27.72 2.46 -8.97	27.74 2.51 -8.86	28.94 2.54 -9.71	28.40 2.48 -9.25	26.61 2.41 -8.06	26.59 2.36 -8.46	26.40 2.40 -7.98	26.81 2.36 -8.44	27.85 2.55 -8.46	29.80 2.76 -8.78	30.38 2.90 -8.41	33.57 3.33 -9.15	35.19 3.51 -9.46	29.30 3.21 -5.11	24.64 2.58 -4.42	21.67 2.18 -3.48
NYPA_GOWANUS____GT5 24156	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NYPA_GOWANUS____GT6 24157	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NYPA_HARLEM__RVR__GT1 24160	27.63 0.75 -19.43	19.35 0.64 -12.39	18.27 0.46 -13.38	18.40 0.52 -12.81	18.08 0.59 -11.43	20.64 0.75 -12.42	27.59 1.42 -12.88	29.48 1.71 -11.76	27.40 1.78 -9.33	27.71 1.83 -9.50	39.13 1.90 -20.54	27.35 1.87 -8.80	26.66 1.81 -8.71	25.46 1.80 -7.90	44.30 1.81 -26.47	42.91 1.81 -25.09	26.97 1.92 -8.20	29.62 2.08 -9.29	29.76 2.15 -8.54	33.24 2.47 -9.70	34.31 2.62 -9.47	29.04 2.43 -5.63	29.93 1.89 -10.40	25.86 1.50 -8.34
NYPA_HARLEM__RVR__GT2 24161	27.63 0.75 -19.43	19.35 0.64 -12.39	18.27 0.46 -13.38	18.40 0.52 -12.81	18.08 0.59 -11.43	20.64 0.75 -12.42	27.59 1.42 -12.88	29.48 1.71 -11.76	27.40 1.78 -9.33	27.71 1.83 -9.50	39.13 1.90 -20.54	27.35 1.87 -8.80	26.66 1.81 -8.71	25.46 1.80 -7.90	44.30 1.81 -26.47	42.91 1.81 -25.09	26.97 1.92 -8.20	29.62 2.08 -9.29	29.76 2.15 -8.54	33.24 2.47 -9.70	34.31 2.62 -9.47	29.04 2.43 -5.63	29.93 1.89 -10.40	25.86 1.50 -8.34
NYPA_KENT____GT 24152	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.42 0.53 -12.81	18.12 0.62 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.71 1.81 -13.61	35.40 1.87 -17.16	35.29 1.95 -16.65	36.82 1.92 -18.23	35.94 1.86 -17.94	36.48 1.84 -18.87	37.34 1.86 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.11 2.12 -15.74	33.90 2.21 -12.62	33.44 2.53 -9.83	34.41 2.71 -9.48	29.23 2.49 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64
NYPA_POUCH1____GT 24155	25.68 0.72 -17.50	19.30 0.61 -12.37	18.25 0.44 -13.38	18.42 0.53 -12.81	18.13 0.62 -11.44	20.68 0.77 -12.44	27.02 1.37 -12.36	29.46 1.68 -11.77	32.05 1.74 -14.02	36.07 1.80 -17.89	35.86 1.89 -17.28	37.66 1.85 -19.14	36.76 1.79 -18.82	37.47 1.78 -19.92	38.42 1.79 -20.61	37.46 1.79 -19.65	36.77 1.90 -18.01	36.60 2.04 -16.30	34.05 2.13 -12.85	33.42 2.47 -9.87	34.34 2.64 -9.49	29.18 2.41 -5.79	27.86 1.85 -8.37	24.27 1.46 -6.81
NYPA_VERNON____GT2 24162	25.30 0.76 -17.08	19.34 0.66 -12.36	18.27 0.47 -13.38	18.41 0.53 -12.81	18.10 0.60 -11.44	20.67 0.76 -12.44	27.00 1.45 -12.26	29.51 1.73 -11.77	31.71 1.81 -13.61	35.40 1.87 -17.16	35.28 1.94 -16.65	36.81 1.90 -18.23	35.92 1.84 -17.94	36.46 1.83 -18.87	37.32 1.84 -19.46	36.44 1.84 -18.58	35.96 1.95 -17.15	36.11 2.12 -15.74	33.88 2.19 -12.62	33.42 2.51 -9.83	34.36 2.66 -9.48	29.21 2.47 -5.76	27.52 1.91 -7.98	24.19 1.54 -6.64
NYPA_VERNON____GT3 24163	25.30 0.76 -17.08	19.34 0.66 -12.36	18.27 0.47 -13.38	18.41 0.53 -12.81	18.10 0.60 -11.44	20.67 0.76 -12.44	27.00 1.45 -12.26	29.51 1.73 -11.77	31.71 1.81 -13.61	35.40 1.87 -17.16	35.28 1.94 -16.65	36.81 1.90 -18.23	35.92 1.84 -17.94	36.46 1.83 -18.87	37.32 1.84 -19.46	36.44 1.84 -18.58	35.96 1.95 -17.15	36.11 2.12 -15.74	33.88 2.19 -12.62	33.42 2.51 -9.83	34.36 2.66 -9.48	29.21 2.47 -5.76	27.52 1.91 -7.98	24.19 1.54 -6.64
NYPA__ASTORIA_CC1 323568	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.59 -11.44	20.66 0.75 -12.44	26.99 1.44 -12.26	29.49 1.71 -11.77	31.69 1.79 -13.61	35.37 1.83 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.91 1.82 -17.94	36.45 1.81 -18.87	37.30 1.83 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.07 2.08 -15.74	33.84 2.15 -12.62	33.38 2.47 -9.83	34.34 2.64 -9.48	29.17 2.43 -5.76	27.51 1.89 -7.98	24.16 1.50 -6.64
NYPA__ASTORIA_CC2 323569	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.59 -11.44	20.66 0.75 -12.44	26.99 1.44 -12.26	29.49 1.71 -11.77	31.69 1.79 -13.61	35.37 1.83 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.91 1.82 -17.94	36.45 1.81 -18.87	37.30 1.83 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.07 2.08 -15.74	33.84 2.15 -12.62	33.38 2.47 -9.83	34.34 2.64 -9.48	29.17 2.43 -5.76	27.51 1.89 -7.98	24.16 1.50 -6.64



NYPA___HOLTSVILL 23794	21.01 1.06 -12.50	19.45 0.86 -12.27	18.34 0.57 -13.34	18.46 0.62 -12.76	18.22 0.73 -11.42	20.86 0.97 -12.42	26.40 2.02 -11.09	30.27 2.51 -11.75	27.69 2.43 -8.97	27.69 2.46 -8.86	28.92 2.52 -9.71	28.35 2.43 -9.25	26.56 2.36 -8.06	26.54 2.32 -8.46	26.36 2.36 -7.98	26.76 2.31 -8.44	27.82 2.51 -8.46	29.78 2.74 -8.78	30.38 2.90 -8.42	33.52 3.29 -9.15	35.19 3.51 -9.46	29.26 3.17 -5.11	24.72 2.56 -4.52	21.67 2.18 -3.48
NYPA___HELLGATE_GT1 24158	21.06 0.75 -12.85	19.26 0.64 -12.29	18.24 0.46 -13.35	18.37 0.52 -12.77	18.08 0.59 -11.43	20.64 0.75 -12.42	25.90 1.42 -11.19	29.48 1.71 -11.76	34.19 1.78 -16.12	39.88 1.83 -21.67	28.64 1.90 -10.04	42.31 1.87 -23.77	41.34 1.81 -23.40	42.87 1.80 -25.31	25.33 1.81 -7.50	25.27 1.81 -7.44	41.19 1.92 -22.42	39.88 2.08 -19.54	36.23 2.15 -15.01	33.24 2.47 -9.70	34.31 2.62 -9.47	29.04 2.43 -5.63	23.37 1.89 -3.84	21.25 1.50 -3.74
NYPA___HELLGATE_GT2 24159	21.06 0.75 -12.85	19.26 0.64 -12.29	18.24 0.46 -13.35	18.37 0.52 -12.77	18.08 0.59 -11.43	20.64 0.75 -12.42	25.90 1.42 -11.19	29.48 1.71 -11.76	34.19 1.78 -16.12	39.88 1.83 -21.67	28.64 1.90 -10.04	42.31 1.87 -23.77	41.34 1.81 -23.40	42.87 1.80 -25.31	25.33 1.81 -7.50	25.27 1.81 -7.44	41.19 1.92 -22.42	39.88 2.08 -19.54	36.23 2.15 -15.01	33.24 2.47 -9.70	34.31 2.62 -9.47	29.04 2.43 -5.63	23.37 1.89 -3.84	21.25 1.50 -3.74
NYS_BARGE___HYD 23848	9.67 -0.14 -2.35	8.53 -0.13 -2.34	6.98 0.00 -2.55	7.53 0.01 -2.44	8.15 -0.09 -2.18	9.73 -0.11 -2.37	15.20 -0.17 -2.09	16.78 -0.30 -1.08	16.50 -0.46 -0.67	16.52 -0.48 -0.62	16.46 -0.37 -0.14	16.41 -0.38 -0.12	15.88 -0.50 -0.25	15.44 -0.46 -0.13	15.66 -0.48 -0.13	15.81 -0.61 -0.40	16.59 -0.52 -0.26	17.25 -0.60 0.41	18.09 -0.31 0.67	20.24 -0.21 0.63	20.92 -0.38 0.92	20.57 -0.52 -0.12	17.49 -0.78 -0.62	15.86 -0.78 -0.63
O.H._GEN_BRUCE 24063	9.94 -0.11 -2.59	8.81 -0.09 -2.58	7.24 0.00 -2.80	7.78 0.02 -2.68	8.40 -0.06 -2.40	10.00 -0.08 -2.61	15.45 -0.17 -2.33	17.51 -0.35 -1.86	17.19 -0.49 -1.39	17.19 -0.52 -1.33	17.45 -0.42 -1.18	17.21 -0.43 -0.97	16.62 -0.55 -1.03	16.10 -0.51 -0.84	16.26 -0.53 -0.77	16.29 -0.64 -0.91	17.27 -0.56 -0.97	18.40 -0.64 -0.78	19.24 -0.38 -0.55	21.54 -0.27 -0.74	22.40 -0.44 -0.63	20.89 -0.59 -0.51	17.57 -0.78 -0.71	15.99 -0.74 -0.72
OAK ORCHARD___HYD 24046	9.34 -0.05 -1.93	8.19 -0.05 -1.93	6.52 0.00 -2.09	7.08 0.00 -2.00	7.83 -0.02 -1.79	9.40 -0.01 -1.95	15.01 -0.01 -1.73	17.04 -0.14 -1.18	16.77 -0.24 -0.72	16.83 -0.23 -0.68	16.91 -0.15 -0.37	16.80 -0.18 -0.31	16.27 -0.26 -0.39	15.81 -0.24 -0.28	16.03 -0.26 -0.26	16.10 -0.37 -0.45	16.94 -0.30 -0.39	17.87 -0.37 0.02	18.72 -0.23 0.12	20.81 -0.15 0.12	21.75 -0.13 0.34	20.94 -0.27 -0.24	17.67 -0.49 -0.52	16.13 -0.42 -0.53
OCC_CHEM___DRP 24175	9.67 -0.21 -2.42	8.55 -0.18 -2.41	7.00 -0.05 -2.62	7.54 -0.04 -2.51	8.17 -0.14 -2.24	9.73 -0.19 -2.44	15.12 -0.36 -2.19	19.64 -0.58 -4.21	18.73 -0.73 -3.17	18.74 -0.75 -3.11	20.03 -0.65 -3.99	19.30 -0.67 -3.29	18.50 -0.77 -3.14	17.83 -0.71 -2.77	17.82 -0.74 -2.54	17.31 -0.87 -2.16	18.90 -0.79 -2.84	21.68 -0.89 -4.31	23.18 -0.63 -4.75	25.42 -0.59 -4.93	26.81 -0.78 -5.38	21.73 -0.92 -1.67	17.25 -1.06 -0.66	15.69 -0.99 -0.67
OLIN_CORP_DRP 24177	9.67 -0.25 -2.47	8.55 -0.22 -2.45	7.00 -0.06 -2.64	7.54 -0.06 -2.52	8.16 -0.18 -2.28	9.73 -0.22 -2.48	15.18 -0.39 -2.27	51.84 -0.56 -36.39	13.10 -0.72 2.48	13.10 -0.75 2.53	11.22 -0.63 4.84	12.09 -0.65 3.94	11.94 -0.76 3.44	11.81 -0.71 3.25	12.32 -0.74 2.96	13.31 -0.85 1.85	13.01 -0.77 3.07	10.80 -0.88 6.59	45.48 -0.61 -27.02	21.29 -0.55 -0.76	12.26 -0.76 9.20	51.00 -0.88 -30.91	17.28 -1.08 -0.71	15.71 -1.03 -0.73
OLIN_CORP_DSASP 323712	9.67 -0.21 -2.42	8.55 -0.18 -2.41	7.00 -0.05 -2.62	7.54 -0.04 -2.51	8.17 -0.14 -2.24	9.73 -0.19 -2.44	15.12 -0.36 -2.19	19.64 -0.58 -4.21	18.73 -0.73 -3.17	18.74 -0.75 -3.11	20.03 -0.65 -3.99	19.30 -0.67 -3.29	18.50 -0.77 -3.14	17.83 -0.71 -2.77	17.82 -0.74 -2.54	17.31 -0.87 -2.16	18.90 -0.79 -2.84	21.68 -0.89 -4.31	23.18 -0.63 -4.75	25.42 -0.59 -4.93	26.81 -0.78 -5.38	21.73 -0.92 -1.67	17.25 -1.06 -0.66	15.69 -0.99 -0.67
ONEIDA_HERK_LFGE 323681	7.73 0.00 -0.27	6.58 -0.01 -0.27	4.70 -0.02 -0.30	5.35 -0.01 -0.28	6.32 0.01 -0.25	7.76 0.01 -0.28	13.63 0.09 -0.25	16.56 0.24 -0.31	16.70 0.16 -0.25	16.77 0.15 -0.24	17.12 0.17 -0.26	17.05 0.17 -0.21	16.49 0.14 -0.21	16.06 0.11 -0.18	16.33 0.14 -0.16	16.34 0.16 -0.16	17.30 0.25 -0.19	18.74 0.26 -0.23	19.60 0.32 -0.21	21.71 0.38 -0.24	22.88 0.51 -0.15	21.44 0.33 -0.14	17.96 0.23 -0.09	16.28 0.18 -0.09
ONONDAGA_REF_OCCRA 23987	9.26 0.06 -1.74	8.11 0.06 -1.73	6.35 0.04 -1.88	6.93 0.05 -1.80	7.72 0.05 -1.61	9.28 0.06 -1.75	15.00 0.15 -1.56	17.90 0.19 -1.70	17.78 0.18 -1.31	17.85 0.20 -1.27	18.29 0.23 -1.37	18.01 0.22 -1.12	17.44 0.18 -1.12	16.88 0.16 -0.95	17.06 0.16 -0.88	17.04 0.14 -0.88	18.08 0.19 -1.04	19.61 0.13 -1.23	20.42 0.19 -1.16	22.66 0.25 -1.32	23.90 0.33 -1.35	21.92 0.21 -0.74	18.19 0.07 -0.48	16.55 0.05 -0.49
ONONDAGA___COGEN 23986	9.10 0.04 -1.60	7.95 0.04 -1.59	6.19 0.03 -1.73	6.77 0.04 -1.66	7.58 0.04 -1.48	9.12 0.04 -1.61	14.83 0.11 -1.44	17.69 0.13 -1.56	17.71 0.21 -1.20	17.78 0.23 -1.17	18.23 0.28 -1.26	17.96 0.25 -1.03	17.38 0.21 -1.03	16.84 0.19 -0.88	17.02 0.19 -0.81	16.99 0.16 -0.81	18.03 0.22 -0.96	19.44 0.05 -1.12	20.23 0.10 -1.06	22.46 0.17 -1.21	23.69 0.24 -1.23	21.78 0.13 -0.68	18.08 0.00 -0.44	16.46 0.00 -0.45
ONTARIO___LFGE 23819	9.88 0.12 -2.31	8.73 0.11 -2.30	7.02 0.09 -2.49	7.58 0.12 -2.39	8.32 0.13 -2.14	9.95 0.16 -2.32	15.71 0.34 -2.07	18.63 0.40 -2.22	18.34 0.34 -1.71	18.40 0.36 -1.66	18.91 0.43 -1.79	18.52 0.38 -1.47	17.90 0.29 -1.47	17.31 0.30 -1.25	17.45 0.29 -1.15	17.39 0.22 -1.15	18.53 0.32 -1.36	20.14 0.27 -1.60	21.00 0.42 -1.52	23.40 0.59 -1.73	24.68 0.69 -1.78	22.40 0.46 -0.96	18.41 0.14 -0.63	16.74 0.10 -0.64
ORANGEVILLE_WT_PWR 323706	10.58 0.14 -2.99	9.41 0.12 -2.97	7.80 0.14 -3.23	8.34 0.18 -3.09	8.95 0.12 -2.76	10.63 0.15 -3.01	16.32 0.34 -2.69	22.69 0.38 -6.30	22.04 0.26 -5.48	22.04 0.25 -5.42	24.53 0.35 -7.49	23.12 0.33 -6.11	22.06 0.19 -5.73	21.11 0.22 -5.12	20.91 0.21 -4.69	19.95 0.10 -3.83	22.33 0.25 -5.22	27.00 0.24 -8.51	28.32 0.53 -8.72	31.50 0.72 -9.70	33.79 0.67 -10.91	25.56 0.40 -4.19	18.46 0.00 -0.81	16.76 -0.08 -0.83
OSWEGATCHIE___HYD 24044	7.22 -0.51 -0.27	6.14 -0.44 -0.26	4.38 -0.34 -0.29	4.98 -0.38 -0.27	5.89 -0.41 -0.25	7.23 -0.51 -0.27	12.56 -0.97 -0.24	15.34 -0.94 -0.28	15.47 -1.04 -0.22	15.53 -1.06 -0.21	15.82 -1.10 -0.23	15.78 -1.08 -0.19	15.31 -1.02 -0.19	14.87 -1.06 -0.16	15.12 -1.04 -0.15	15.19 -0.98 -0.15	16.05 -0.98 -0.17	17.44 -1.02 -0.20	18.21 -1.05 -0.19	20.12 -1.18 -0.22	20.84 -1.16 0.22	19.96 -1.13 -0.12	16.80 -0.92 -0.08	15.19 -0.90 -0.08



OSWEGO___5 23606	8.52 -0.08 -1.14	7.38 -0.07 -1.13	5.62 -0.04 -1.23	6.21 -0.05 -1.18	7.05 -0.07 -1.06	8.54 -0.08 -1.15	14.18 -0.13 -1.02	16.93 -0.18 -1.10	16.92 -0.21 -0.84	16.98 -0.21 -0.82	17.37 -0.20 -0.88	17.20 -0.20 -0.72	16.64 -0.23 -0.72	16.16 -0.22 -0.61	16.36 -0.22 -0.57	16.35 -0.24 -0.57	17.30 -0.22 -0.67	18.78 -0.27 -0.80	19.57 -0.25 -0.75	21.71 -0.23 -0.86	22.87 -0.22 -0.88	21.18 -0.27 -0.48	17.65 -0.30 -0.31	16.07 -0.26 -0.32
OSWEGO___6 23613	8.52 -0.08 -1.14	7.38 -0.07 -1.13	5.62 -0.04 -1.23	6.21 -0.05 -1.18	7.05 -0.07 -1.06	8.54 -0.08 -1.15	14.18 -0.13 -1.02	16.93 -0.18 -1.10	16.92 -0.21 -0.84	16.98 -0.21 -0.82	17.37 -0.20 -0.88	17.20 -0.20 -0.72	16.64 -0.23 -0.72	16.16 -0.22 -0.61	16.36 -0.22 -0.57	16.35 -0.24 -0.57	17.30 -0.22 -0.67	18.78 -0.27 -0.80	19.57 -0.25 -0.75	21.71 -0.23 -0.86	22.87 -0.22 -0.88	21.18 -0.27 -0.48	17.65 -0.30 -0.31	16.07 -0.26 -0.32
OUTOKUMPU-AB___DRP 24206	9.97 0.02 -2.49	8.81 0.01 -2.48	7.21 0.09 -2.69	7.77 0.12 -2.57	8.41 0.04 -2.30	10.03 0.05 -2.50	15.74 0.20 -2.25	21.44 0.19 -5.24	20.84 0.07 -4.48	20.84 0.03 -4.43	22.91 0.15 -6.07	21.79 0.15 -4.97	20.80 0.00 -4.66	19.98 0.05 -4.16	19.86 0.03 -3.81	19.04 -0.10 -3.11	21.11 0.02 -4.24	25.10 -0.04 -6.88	26.49 0.30 -7.12	29.37 0.44 -7.84	31.33 0.31 -8.81	24.19 0.02 -3.20	17.99 -0.34 -0.68	16.29 -0.42 -0.69
OXBOW____ 24026	9.83 -0.08 -2.46	8.69 -0.07 -2.44	7.11 0.03 -2.66	7.67 0.05 -2.54	8.30 -0.04 -2.27	9.89 -0.05 -2.47	15.46 -0.05 -2.22	20.80 -0.14 -4.94	19.17 -0.29 -3.17	19.19 -0.31 -3.12	20.50 -0.20 -4.01	19.77 -0.20 -3.29	18.94 -0.34 -3.14	18.26 -0.28 -2.77	18.25 -0.30 -2.54	17.76 -0.43 -2.17	19.37 -0.34 -2.85	22.16 -0.42 -4.32	24.34 -0.11 -5.38	26.18 0.00 -5.10	27.44 -0.15 -5.38	23.27 -0.40 -2.70	17.66 -0.65 -0.67	16.04 -0.66
OXY_CHEM_DSASP 323612	9.67 -0.21 -2.42	8.55 -0.18 -2.41	7.00 -0.05 -2.62	7.54 -0.04 -2.51	8.17 -0.14 -2.24	9.73 -0.19 -2.44	15.12 -0.36 -2.19	19.64 -0.58 -4.21	18.73 -0.73 -3.17	18.74 -0.75 -3.11	20.03 -0.65 -3.99	19.30 -0.67 -3.29	18.50 -0.77 -3.14	17.83 -0.71 -2.77	17.82 -0.74 -2.54	17.31 -0.87 -2.16	18.90 -0.79 -2.84	21.68 -0.89 -4.31	23.18 -0.63 -4.75	25.42 -0.59 -4.93	26.81 -0.78 -5.38	21.73 -0.92 -1.67	17.25 -1.06 -0.66	15.69 -0.99 -0.67
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	9.67 -0.21 -2.42	8.55 -0.18 -2.41	7.00 -0.05 -2.62	7.54 -0.04 -2.51	8.17 -0.14 -2.24	9.73 -0.19 -2.44	15.12 -0.36 -2.19	19.64 -0.58 -4.21	18.73 -0.73 -3.17	18.74 -0.75 -3.11	20.03 -0.65 -3.99	19.30 -0.67 -3.29	18.50 -0.77 -3.14	17.83 -0.71 -2.77	17.82 -0.74 -2.54	17.31 -0.87 -2.16	18.90 -0.79 -2.84	21.68 -0.89 -4.31	23.18 -0.63 -4.75	25.42 -0.59 -4.93	26.81 -0.78 -5.38	21.73 -0.92 -1.67	17.25 -1.06 -0.66	15.69 -0.99 -0.67
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.68 0.71 -12.51	19.22 0.61 -12.29	18.21 0.43 -13.35	18.34 0.49 -12.77	18.06 0.56 -11.43	20.62 0.72 -12.42	25.75 1.36 -11.10	29.40 1.63 -11.76	26.97 1.69 -8.98	27.00 1.75 -8.87	28.01 1.82 -9.50	26.49 1.78 -8.03	25.81 1.73 -7.95	24.48 1.72 -6.99	24.27 1.73 -6.52	24.28 1.73 -6.53	26.15 1.84 -7.46	29.00 1.99 -8.75	29.33 2.06 -8.21	33.14 2.36 -9.70	34.22 2.53 -9.47	28.93 2.33 -5.63	22.94 1.80 -3.50	20.93 1.42 -3.50
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.76 0.79 -12.51	19.28 0.68 -12.29	18.26 0.48 -13.35	18.39 0.54 -12.77	18.11 0.61 -11.43	20.68 0.78 -12.42	25.88 1.49 -11.10	29.57 1.81 -11.76	27.16 1.89 -8.98	27.18 1.93 -8.87	28.21 2.02 -9.50	26.69 1.98 -8.03	26.01 1.92 -7.95	24.67 1.91 -6.99	24.48 1.94 -6.52	24.47 1.92 -6.53	26.37 2.06 -7.46	29.22 2.21 -8.75	29.58 2.31 -8.21	33.44 2.66 -9.70	34.53 2.84 -9.47	29.21 2.60 -5.63	23.15 2.01 -3.50	21.11 1.60 -3.50
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	10.46 0.25 -2.75	9.27 0.21 -2.74	7.61 0.22 -2.97	8.18 0.27 -2.84	8.83 0.22 -2.55	10.53 0.28 -2.77	16.40 0.61 -2.49	30.17 0.72 -13.44	34.89 0.60 -18.00	34.89 0.57 -17.94	44.72 0.68 -27.34	39.62 0.67 -22.27	37.07 0.50 -20.43	34.86 0.54 -18.56	33.51 0.53 -16.97	29.24 0.42 -12.80	35.91 0.57 -18.48	51.94 0.57 -33.11	49.38 0.92 -29.40	59.22 1.16 -36.98	67.17 1.07 -43.89	32.29 0.82 -10.50	18.72 0.32 -0.76	16.93 0.14 -0.77
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.69 0.72 -12.51	19.41 0.63 -12.46	18.40 0.44 -13.53	18.52 0.50 -12.95	18.20 0.55 -11.59	20.77 0.70 -12.60	25.84 1.38 -11.16	29.47 1.59 -11.87	26.85 1.66 -8.89	26.74 1.72 -8.64	27.81 1.80 -9.32	26.06 1.75 -7.63	25.44 1.66 -7.64	23.92 1.66 -6.50	23.67 1.67 -5.98	23.69 1.68 -5.99	25.73 1.79 -7.09	28.73 1.90 -8.57	29.13 1.95 -8.12	32.57 2.26 -9.23	34.26 2.49 -9.56	28.43 2.31 -5.15	22.71 1.71 -3.35	20.78 1.36 -3.41
PEEKSKILL____ 23653	20.39 0.63 -12.31	19.00 0.54 -12.14	18.00 0.39 -13.18	18.12 0.43 -12.62	17.83 0.47 -11.29	20.35 0.61 -12.27	25.44 1.20 -10.95	29.00 1.38 -11.61	26.57 1.47 -8.81	26.55 1.51 -8.66	27.55 1.57 -9.29	25.93 1.53 -7.73	25.35 1.48 -7.73	23.91 1.48 -6.66	23.69 1.49 -6.18	23.67 1.49 -6.16	25.61 1.57 -7.19	28.52 1.70 -8.56	28.87 1.75 -8.05	32.13 2.00 -9.05	33.72 2.15 -9.35	28.04 2.01 -5.06	22.57 1.53 -3.39	20.64 1.22 -3.41
PGE MADISON___WINDPWR 24146	13.07 0.54 -5.08	11.81 0.44 -5.05	10.21 0.29 -5.49	10.70 0.37 -5.25	11.22 0.45 -4.70	13.17 0.58 -5.11	19.10 1.25 -4.56	22.55 1.68 -4.87	21.85 1.56 -4.00	21.84 1.57 -3.88	22.53 1.65 -4.19	21.71 1.60 -3.43	21.06 1.48 -3.43	20.11 1.42 -2.92	20.21 1.51 -2.69	20.20 1.49 -2.69	21.79 1.75 -3.19	23.63 1.86 -3.51	24.47 2.08 -3.33	27.23 2.36 -3.78	28.81 2.69 -3.91	25.29 2.20 -2.11	20.66 1.64 -1.37	18.78 1.38 -1.40
PIERCEFIELD___HYD 23852	6.84 -0.62 0.00	5.78 -0.54 0.00	4.02 -0.41 0.00	4.61 -0.47 0.00	5.54 -0.52 0.00	6.84 -0.64 0.00	11.96 -1.33 0.00	14.66 -1.34 0.00	14.88 -1.42 0.00	14.92 -1.46 0.00	15.15 -1.54 0.00	15.16 -1.52 0.00	14.73 -1.40 0.00	14.33 -1.43 0.00	14.59 -1.43 0.00	14.71 -1.31 0.00	15.47 -1.38 0.00	16.83 -1.42 0.00	17.56 -1.51 0.00	19.35 -1.73 0.00	19.79 -1.78 0.65	19.36 -1.61 0.00	16.43 -1.22 0.00	14.83 -1.18 0.00
PINELAWN_CC_1 323563	20.93 0.98 -12.50	19.37 0.78 -12.27	18.28 0.51 -13.34	18.40 0.56 -12.76	18.14 0.65 -11.42	20.77 0.88 -12.42	26.24 1.86 -11.09	30.11 2.35 -11.75	27.54 2.28 -8.97	27.56 2.32 -8.86	28.74 2.34 -9.71	28.20 2.28 -9.25	26.43 2.23 -8.06	26.43 2.21 -8.46	26.23 2.23 -7.98	26.63 2.18 -8.44	27.67 2.36 -8.46	29.68 2.65 -8.78	30.18 2.71 -8.41	33.27 3.04 -9.15	35.03 3.35 -9.46	29.05 2.96 -5.11	24.56 2.52 -4.39	21.49 2.00 -3.48
PJM_GEN_HTP_PROXY 323702	23.45 0.75 -15.24	19.30 0.65 -12.33	18.25 0.46 -13.36	18.38 0.51 -12.79	18.07 0.57 -11.44	20.63 0.72 -12.43	26.51 1.42 -11.80	29.42 1.65 -11.76	29.80 1.73 -11.78	32.03 1.77 -13.88	32.35 1.84 -13.82	32.66 1.82 -14.16	31.89 1.76 -13.99	31.65 1.75 -14.13	32.08 1.76 -14.30	31.52 1.75 -13.76	32.00 1.85 -13.29	33.24 2.01 -12.97	32.02 2.08 -10.87	33.03 2.38 -9.57	34.22 2.53 -9.47	28.83 2.35 -5.51	25.68 1.83 -6.20	22.91 1.50 -5.40



PJM_GEN_KEystone	15.44	13.96	12.65	12.99	13.16	15.24	20.64	24.40	23.48	23.63	25.11	23.91	23.13	22.12	22.01	21.56	23.74	26.85	27.38	30.40	32.12	25.93	20.49	18.66
24065	0.33	0.28	0.23	0.26	0.26	0.33	0.65	0.64	0.60	0.59	0.68	0.65	0.56	0.58	0.58	0.51	0.69	0.73	0.90	1.10	1.09	0.94	0.58	0.43
	-7.66	-7.36	-7.99	-7.64	-6.84	-7.44	-6.69	-7.75	-6.59	-6.66	-7.73	-6.59	-6.43	-5.77	-5.42	-5.03	-6.19	-7.86	-7.42	-8.22	-8.82	-4.02	-2.26	-2.21
PJM_GEN_NEPTUNE_PROXY	20.62	19.26	18.20	18.31	18.03	20.63	25.94	29.76	27.03	26.89	28.19	27.81	25.76	26.05	25.81	26.33	27.20	28.90	29.52	32.83	34.45	28.64	22.96	21.10
323594	0.85	0.66	0.43	0.47	0.55	0.74	1.61	2.00	1.95	2.00	2.02	1.98	1.94	1.92	1.95	1.87	2.02	2.19	2.27	2.61	2.78	2.58	2.06	1.73
	-12.31	-12.27	-13.34	-12.76	-11.42	-12.42	-11.04	-11.75	-8.78	-8.52	-9.48	-9.15	-7.68	-8.36	-7.84	-8.44	-8.32	-8.45	-8.19	-9.13	-9.46	-5.09	-3.25	-3.36
PJM_GEN_VFT_PROXY	24.39	19.33	18.27	18.39	18.07	20.63	26.77	29.39	30.72	33.71	33.79	34.73	33.92	34.08	34.75	34.01	33.98	34.65	32.89	33.13	34.18	28.94	26.57	23.53
323633	0.76	0.66	0.47	0.51	0.57	0.72	1.44	1.62	1.69	1.74	1.80	1.77	1.73	1.70	1.73	1.71	1.82	1.97	2.04	2.34	2.49	2.33	1.80	1.47
	-16.17	-12.35	-13.37	-12.80	-11.44	-12.43	-12.04	-11.77	-12.73	-15.59	-15.30	-16.29	-16.06	-16.61	-17.00	-16.28	-15.31	-14.42	-11.79	-9.70	-9.48	-5.64	-7.13	-6.05
PLEASANTVLY__LBMP	20.72	19.44	18.48	18.59	18.25	20.81	25.81	29.43	26.78	26.65	27.70	25.95	25.38	23.85	23.58	23.57	25.62	28.65	29.06	32.47	34.07	28.19	22.60	20.72
24000	0.63	0.54	0.39	0.43	0.48	0.61	1.20	1.38	1.47	1.51	1.55	1.53	1.48	1.48	1.49	1.47	1.57	1.70	1.75	2.02	2.15	1.99	1.55	1.25
	-12.64	-12.58	-13.67	-13.08	-11.71	-12.72	-11.32	-12.04	-9.02	-8.77	-9.46	-7.75	-7.76	-6.60	-6.07	-6.08	-7.20	-8.70	-8.24	-9.36	-9.70	-5.23	-3.40	-3.46
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I	20.33	19.23	18.24	18.36	18.05	20.60	25.63	29.32	26.54	26.24	27.34	25.48	24.93	23.33	23.03	23.06	25.20	28.33	28.87	32.44	34.06	28.24	22.47	20.62
345020	0.69	0.59	0.42	0.47	0.52	0.66	1.30	1.52	1.61	1.64	1.70	1.67	1.63	1.62	1.63	1.62	1.72	1.86	1.92	2.21	2.35	2.18	1.69	1.36
	-12.18	-12.32	-13.38	-12.81	-11.47	-12.46	-11.04	-11.79	-8.63	-8.23	-8.95	-7.14	-7.16	-5.94	-5.38	-5.42	-6.63	-8.21	-7.88	-9.14	-9.50	-5.09	-3.14	-3.25
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G	20.92	19.63	18.67	18.77	18.43	21.01	25.93	29.57	26.94	26.79	27.85	26.09	25.52	23.98	23.72	23.71	25.76	28.81	29.22	32.68	34.29	28.40	22.70	20.81
345023	0.69	0.61	0.43	0.48	0.54	0.69	1.32	1.52	1.63	1.65	1.72	1.68	1.63	1.62	1.63	1.62	1.72	1.86	1.92	2.23	2.38	2.20	1.66	1.35
	-12.77	-12.71	-13.81	-13.21	-11.83	-12.85	-11.32	-12.04	-9.01	-8.76	-9.44	-7.74	-7.75	-6.59	-6.07	-6.07	-7.19	-8.69	-8.23	-9.36	-9.69	-5.22	-3.40	-3.45
POLETTI__	24.50	19.31	18.25	18.38	18.06	20.62	26.73	29.39	30.73	33.72	33.81	34.74	33.92	34.09	34.74	34.02	34.00	34.64	32.89	33.11	34.18	28.92	26.59	23.53
23519	0.72	0.64	0.45	0.50	0.56	0.72	1.40	1.62	1.71	1.75	1.82	1.78	1.73	1.72	1.73	1.73	1.84	1.97	2.04	2.32	2.49	2.31	1.82	1.47
	-16.33	-12.35	-13.37	-12.80	-11.44	-12.43	-12.04	-11.77	-12.73	-15.59	-15.30	-16.29	-16.05	-16.60	-16.99	-16.27	-15.31	-14.41	-11.78	-9.70	-9.48	-5.64	-7.13	-6.05
PORT_JEFF_3	21.06	19.50	18.36	18.49	18.26	20.92	26.50	30.38	27.82	27.84	29.06	28.50	26.69	26.68	26.48	26.91	27.96	30.02	30.58	33.71	35.50	29.44	24.97	21.77
23555	1.10	0.90	0.60	0.65	0.78	1.03	2.13	2.63	2.56	2.60	2.65	2.58	2.48	2.46	2.48	2.45	2.65	2.98	3.09	3.48	3.82	3.35	2.77	2.27
	-12.50	-12.27	-13.34	-12.76	-11.42	-12.42	-11.09	-11.75	-8.97	-8.86	-9.71	-9.25	-8.06	-8.46	-7.98	-8.44	-8.46	-8.79	-8.42	-9.15	-9.46	-5.11	-4.56	-3.48
PORT_JEFF_4	21.06	19.50	18.36	18.49	18.26	20.92	26.50	30.38	27.82	27.84	29.06	28.50	26.69	26.68	26.48	26.91	27.96	30.02	30.58	33.71	35.50	29.44	24.97	21.77
23616	1.10	0.90	0.60	0.65	0.78	1.03	2.13	2.63	2.56	2.60	2.65	2.58	2.48	2.46	2.48	2.45	2.65	2.98	3.09	3.48	3.82	3.35	2.77	2.27
	-12.50	-12.27	-13.34	-12.76	-11.42	-12.42	-11.09	-11.75	-8.97	-8.86	-9.71	-9.25	-8.06	-8.46	-7.98	-8.44	-8.46	-8.79	-8.42	-9.15	-9.46	-5.11	-4.56	-3.48
PORT_JEFF_IC	21.07	19.51	18.38	18.50	18.27	20.94	26.53	30.43	27.87	27.89	29.09	28.54	26.72	26.72	26.52	26.94	28.01	30.11	30.65	33.76	35.63	29.49	25.03	21.80
23713	1.12	0.92	0.61	0.66	0.79	1.05	2.15	2.67	2.61	2.65	2.69	2.62	2.52	2.49	2.51	2.48	2.70	3.07	3.17	3.52	3.95	3.40	2.86	2.31
	-12.50	-12.27	-13.34	-12.76	-11.42	-12.42	-11.09	-11.75	-8.97	-8.86	-9.71	-9.25	-8.06	-8.46	-7.98	-8.44	-8.46	-8.78	-8.42	-9.15	-9.46	-5.11	-4.53	-3.48
PPL_PILGRIM_ST_GT1	21.01	19.44	18.33	18.45	18.21	20.86	26.40	30.29	27.72	27.74	28.94	28.40	26.61	26.59	26.40	26.81	27.85	29.80	30.38	33.57	35.19	29.30	24.64	21.67
24216	1.06	0.85	0.56	0.61	0.73	0.97	2.02	2.53	2.46	2.51	2.54	2.48	2.41	2.36	2.40	2.36	2.55	2.76	2.90	3.33	3.51	3.21	2.58	2.18
	-12.50	-12.27	-13.34	-12.76	-11.42	-12.42	-11.09	-11.75	-8.97	-8.86	-9.71	-9.25	-8.06	-8.46	-7.98	-8.44	-8.46	-8.78	-8.41	-9.15	-9.46	-5.11	-4.42	-3.48
PPL_PILGRIM_ST_GT2	21.01	19.44	18.33	18.45	18.21	20.86	26.40	30.29	27.72	27.74	28.94	28.40	26.61	26.59	26.40	26.81	27.85	29.80	30.38	33.57	35.19	29.30	24.64	21.67
24217	1.06	0.85	0.56	0.61	0.73	0.97	2.02	2.53	2.46	2.51	2.54	2.48	2.41	2.36	2.40	2.36	2.55	2.76	2.90	3.33	3.51	3.21	2.58	2.18
	-12.50	-12.27	-13.34	-12.76	-11.42	-12.42	-11.09	-11.75	-8.97	-8.86	-9.71	-9.25	-8.06	-8.46	-7.98	-8.44	-8.46	-8.78	-8.41	-9.15	-9.46	-5.11	-4.42	-3.48
PPL_SHRM_GT3	21.07	19.52	18.39	18.51	18.28	20.94	26.53	30.43	27.79	27.77	29.06	28.44	26.61	26.61	26.40	26.83	27.89	30.02	30.61	33.69	35.54	29.40	24.94	21.80
24213	1.12	0.93	0.62	0.67	0.80	1.05	2.15	2.67	2.53	2.54	2.65	2.52	2.41	2.38	2.40	2.37	2.58	2.98	3.13	3.46	3.86	3.31	2.75	2.31
	-12.50	-12.27	-13.34	-12.76	-11.42	-12.42	-11.09	-11.75	-8.97	-8.86	-9.71	-9.25	-8.06	-8.46	-7.98	-8.44	-8.46	-8.79	-8.42	-9.15	-9.46	-5.11	-4.55	-3.48
PPL_SHRM_GT4	21.07	19.52	18.39	18.51	18.28	20.94	26.53	30.43	27.79	27.77	29.06	28.44	26.61	26.61	26.40	26.83	27.89	30.02	30.61	33.69	35.54	29.40	24.94	21.80
24214	1.12	0.93	0.62	0.67	0.80	1.05	2.15	2.67	2.53	2.54	2.65	2.52	2.41	2.38	2.40	2.37	2.58	2.98	3.13	3.46	3.86	3.31	2.75	2.31
	-12.50	-12.27	-13.34	-12.76	-11.42	-12.42	-11.09	-11.75	-8.97	-8.86	-9.71	-9.25	-8.06	-8.46	-7.98	-8.44	-8.46	-8.79	-8.42	-9.15	-9.46	-5.11	-4.55	-3.48
PROJECT__ORANGE I	8.89	7.75	5.98	6.57	7.39	8.92	14.63	17.50	17.43	17.51	17.93	17.70	17.13	16.62	16.80	16.77	17.79	19.29	20.08	22.30	23.50	21.64	18.00	16.38
24174	0.01	0.02	0.02	0.03	0.02	0.02	0.07	0.10	0.07	0.08	0.12	0.10	0.06	0.06	0.06	0.03	0.08	0.02	0.06	0.13	0.18	0.06	-0.04	-0.03
	-1.42	-1.41	-1.53	-1.47	-1.31	-1.43	-1.27	-1.40	-1.07	-1.04	-1.12	-0.92	-0.92	-0.78	-0.72	-0.72	-0.86	-1.01	-0.96	-1.09	-1.10	-0.61	-0.40	-0.40



PROJECT___ORANGE 2 24166	8.89 0.01 -1.42	7.75 0.02 -1.41	5.98 0.02 -1.53	6.57 0.03 -1.47	7.39 0.02 -1.31	8.92 0.02 -1.43	14.63 0.07 -1.27	17.50 0.10 -1.40	17.43 0.07 -1.07	17.51 0.08 -1.04	17.93 0.12 -1.12	17.70 0.10 -0.92	17.13 0.06 -0.92	16.62 0.06 -0.78	16.80 0.06 -0.72	16.77 0.03 -0.72	17.79 0.08 -0.86	19.29 0.02 -1.01	20.08 0.06 -0.96	22.30 0.13 -1.09	23.50 0.18 -1.10	21.64 0.06 -0.61	18.00 -0.04 -0.40	16.38 -0.03 -0.40
PYRITES___HYD 24023	6.94 -0.51 0.00	5.86 -0.46 0.00	4.08 -0.35 0.00	4.68 -0.40 0.00	5.63 -0.43 0.00	6.94 -0.53 0.00	12.16 -1.13 0.00	14.94 -1.07 0.00	15.14 -1.16 0.00	15.18 -1.20 0.00	15.41 -1.28 0.00	15.42 -1.25 0.00	14.99 -1.15 0.00	14.59 -1.18 0.00	14.83 -1.19 0.00	14.96 -1.06 0.00	15.74 -1.11 0.00	17.13 -1.13 0.00	17.87 -1.20 0.00	19.69 -1.39 0.00	20.12 -1.42 0.67	19.69 -1.28 0.00	16.71 -0.94 0.00	15.07 -0.94 0.00
RAMAPO___LBMP 323565	19.70 0.57 -11.67	18.44 0.51 -11.61	17.40 0.36 -12.61	17.55 0.40 -12.07	17.30 0.44 -10.81	19.78 0.56 -11.74	24.86 1.12 -10.45	28.38 1.26 -11.11	25.96 1.35 -8.32	25.85 1.39 -8.08	26.86 1.45 -8.71	25.23 1.42 -7.14	24.66 1.37 -7.15	23.22 1.37 -6.08	22.99 1.38 -5.60	23.00 1.38 -5.60	24.95 1.47 -6.64	27.85 1.57 -8.02	28.29 1.62 -7.60	31.60 1.88 -8.64	33.16 2.00 -8.95	27.66 1.87 -4.82	22.21 1.43 -3.14	20.34 1.14 -3.19
RANKINE____ 23646	10.35 0.19 -2.70	9.17 0.16 -2.69	7.52 0.18 -2.92	8.09 0.22 -2.79	8.73 0.17 -2.50	10.40 0.21 -2.72	16.20 0.46 -2.44	26.85 0.54 -10.30	25.69 0.41 -8.98	25.68 0.38 -8.93	30.32 0.50 -13.13	27.86 0.48 -10.70	26.36 0.32 -9.89	25.08 0.38 -8.93	24.54 0.35 -8.17	22.61 0.24 -6.35	26.21 0.39 -8.97	34.18 0.37 -15.55	36.28 0.71 -16.51	39.97 0.91 -17.98	43.40 0.80 -20.39	29.26 0.57 -7.72	18.49 0.11 -0.74	16.75 -0.02 -0.76
RAVENSWOOD_GT2_1 24244	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.08 0.58 -11.44	20.64 0.73 -12.44	26.97 1.42 -12.26	29.44 1.66 -11.77	31.64 1.74 -13.61	35.32 1.79 -17.16	35.19 1.85 -16.65	36.74 1.83 -18.23	35.86 1.78 -17.94	36.40 1.77 -18.87	37.26 1.78 -19.46	36.36 1.76 -18.58	35.88 1.87 -17.15	36.02 2.03 -15.74	33.78 2.10 -12.62	33.32 2.40 -9.83	34.25 2.55 -9.48	29.10 2.37 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT2_2 24245	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.08 0.58 -11.44	20.64 0.73 -12.44	26.97 1.42 -12.26	29.44 1.66 -11.77	31.64 1.74 -13.61	35.32 1.79 -17.16	35.19 1.85 -16.65	36.74 1.83 -18.23	35.86 1.78 -17.94	36.40 1.77 -18.87	37.26 1.78 -19.46	36.36 1.76 -18.58	35.88 1.87 -17.15	36.02 2.03 -15.74	33.78 2.10 -12.62	33.32 2.40 -9.83	34.25 2.55 -9.48	29.10 2.37 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT2_3 24246	25.30 0.75 -17.08	19.34 0.66 -12.36	18.27 0.47 -13.38	18.40 0.52 -12.81	18.08 0.58 -11.44	20.65 0.74 -12.44	26.99 1.44 -12.26	29.44 1.66 -11.77	31.66 1.76 -13.61	35.34 1.80 -17.16	35.21 1.87 -16.65	36.74 1.83 -18.23	35.88 1.79 -17.94	36.40 1.77 -18.87	37.27 1.79 -19.46	36.37 1.78 -18.58	35.89 1.89 -17.15	36.02 2.03 -15.74	33.80 2.12 -12.62	33.32 2.40 -9.83	34.27 2.58 -9.48	29.12 2.39 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT2_4 24247	25.30 0.75 -17.08	19.34 0.66 -12.36	18.27 0.47 -13.38	18.40 0.52 -12.81	18.08 0.58 -11.44	20.65 0.74 -12.44	26.99 1.44 -12.26	29.44 1.66 -11.77	31.66 1.76 -13.61	35.34 1.80 -17.16	35.21 1.87 -16.65	36.74 1.83 -18.23	35.88 1.79 -17.94	36.40 1.77 -18.87	37.27 1.79 -19.46	36.37 1.78 -18.58	35.89 1.89 -17.15	36.02 2.03 -15.74	33.80 2.12 -12.62	33.32 2.40 -9.83	34.27 2.58 -9.48	29.12 2.39 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT3_1 24248	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.08 0.58 -11.44	20.64 0.73 -12.44	26.97 1.42 -12.26	29.44 1.66 -11.77	31.64 1.74 -13.61	35.32 1.79 -17.16	35.19 1.85 -16.65	36.74 1.83 -18.23	35.86 1.78 -17.94	36.40 1.77 -18.87	37.26 1.78 -19.46	36.36 1.76 -18.58	35.88 1.87 -17.15	36.02 2.03 -15.74	33.78 2.10 -12.62	33.32 2.40 -9.83	34.25 2.55 -9.48	29.10 2.37 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT3_2 24249	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.08 0.58 -11.44	20.64 0.73 -12.44	26.97 1.42 -12.26	29.44 1.66 -11.77	31.64 1.74 -13.61	35.32 1.79 -17.16	35.19 1.85 -16.65	36.74 1.83 -18.23	35.86 1.78 -17.94	36.40 1.77 -18.87	37.26 1.78 -19.46	36.36 1.76 -18.58	35.88 1.87 -17.15	36.02 2.03 -15.74	33.78 2.10 -12.62	33.32 2.40 -9.83	34.25 2.55 -9.48	29.10 2.37 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT3_3 24250	25.30 0.76 -17.08	19.34 0.66 -12.36	18.27 0.47 -13.38	18.40 0.52 -12.81	18.09 0.58 -11.44	20.65 0.74 -12.44	26.99 1.44 -12.26	29.46 1.68 -11.77	31.68 1.78 -13.61	35.35 1.82 -17.16	35.23 1.89 -16.65	36.76 1.85 -18.23	35.88 1.79 -17.94	36.42 1.78 -18.87	37.27 1.79 -19.46	36.39 1.79 -18.58	35.91 1.90 -17.15	36.04 2.04 -15.74	33.82 2.13 -12.62	33.34 2.42 -9.83	34.30 2.60 -9.48	29.14 2.41 -5.76	27.49 1.87 -7.98	24.18 1.52 -6.64
RAVENSWOOD_GT3_4 24251	25.30 0.76 -17.08	19.34 0.66 -12.36	18.27 0.47 -13.38	18.40 0.52 -12.81	18.09 0.58 -11.44	20.65 0.74 -12.44	26.99 1.44 -12.26	29.46 1.68 -11.77	31.68 1.78 -13.61	35.35 1.82 -17.16	35.23 1.89 -16.65	36.76 1.85 -18.23	35.88 1.79 -17.94	36.42 1.78 -18.87	37.27 1.79 -19.46	36.39 1.79 -18.58	35.91 1.90 -17.15	36.04 2.04 -15.74	33.82 2.13 -12.62	33.34 2.42 -9.83	34.30 2.60 -9.48	29.14 2.41 -5.76	27.49 1.87 -7.98	24.18 1.52 -6.64
RAVENSWOOD_GT_1 23729	25.30 0.76 -17.08	19.34 0.66 -12.36	18.27 0.47 -13.38	18.41 0.53 -12.81	18.10 0.60 -11.44	20.67 0.76 -12.44	27.00 1.45 -12.26	29.51 1.73 -11.77	31.71 1.81 -13.61	35.40 1.87 -17.16	35.28 1.94 -16.65	36.81 1.90 -18.23	35.92 1.84 -17.94	36.46 1.83 -18.87	37.32 1.84 -19.46	36.44 1.84 -18.58	35.96 1.95 -17.15	36.11 2.12 -15.74	33.88 2.19 -12.62	33.42 2.51 -9.83	34.36 2.66 -9.48	29.21 2.47 -5.76	27.52 1.91 -7.98	24.19 1.54 -6.64
RAVENSWOOD_GT_10 24258	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.08 0.58 -11.44	20.64 0.73 -12.44	26.97 1.42 -12.26	29.44 1.66 -11.77	31.64 1.74 -13.61	35.32 1.79 -17.16	35.19 1.85 -16.65	36.74 1.83 -18.23	35.86 1.78 -17.94	36.40 1.77 -18.87	37.26 1.78 -19.46	36.36 1.76 -18.58	35.88 1.87 -17.15	36.02 2.03 -15.74	33.78 2.10 -12.62	33.32 2.40 -9.83	34.25 2.55 -9.48	29.10 2.37 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT_11 24259	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.08 0.58 -11.44	20.64 0.73 -12.44	26.97 1.42 -12.26	29.44 1.66 -11.77	31.64 1.74 -13.61	35.32 1.79 -17.16	35.19 1.85 -16.65	36.74 1.83 -18.23	35.86 1.78 -17.94	36.40 1.77 -18.87	37.26 1.78 -19.46	36.36 1.76 -18.58	35.88 1.87 -17.15	36.02 2.03 -15.74	33.78 2.10 -12.62	33.32 2.40 -9.83	34.25 2.55 -9.48	29.10 2.37 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64



RAVENSWOOD_GT_4 24252	25.29 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.07 0.57 -11.44	20.63 0.72 -12.44	26.97 1.42 -12.26	29.43 1.65 -11.77	31.64 1.74 -13.61	35.30 1.77 -17.16	35.18 1.84 -16.65	36.72 1.82 -18.23	35.84 1.76 -17.94	36.39 1.75 -18.87	37.24 1.76 -19.46	36.36 1.76 -18.58	35.86 1.85 -17.15	36.00 2.01 -15.74	33.76 2.08 -12.62	33.30 2.38 -9.83	34.23 2.53 -9.48	29.10 2.37 -5.76	27.45 1.83 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT_5 24254	25.29 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.07 0.57 -11.44	20.63 0.72 -12.44	26.97 1.42 -12.26	29.43 1.65 -11.77	31.64 1.74 -13.61	35.30 1.77 -17.16	35.18 1.84 -16.65	36.72 1.82 -18.23	35.84 1.76 -17.94	36.39 1.75 -18.87	37.24 1.76 -19.46	36.36 1.76 -18.58	35.86 1.85 -17.15	36.00 2.01 -15.74	33.76 2.08 -12.62	33.30 2.38 -9.83	34.23 2.53 -9.48	29.10 2.37 -5.76	27.45 1.83 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT_6 24253	25.29 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.07 0.57 -11.44	20.63 0.72 -12.44	26.97 1.42 -12.26	29.43 1.65 -11.77	31.64 1.74 -13.61	35.30 1.77 -17.16	35.18 1.84 -16.65	36.72 1.82 -18.23	35.84 1.76 -17.94	36.39 1.75 -18.87	37.24 1.76 -19.46	36.36 1.76 -18.58	35.86 1.85 -17.15	36.00 2.01 -15.74	33.76 2.08 -12.62	33.30 2.38 -9.83	34.23 2.53 -9.48	29.10 2.37 -5.76	27.45 1.83 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT_7 24255	25.29 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.07 0.57 -11.44	20.63 0.72 -12.44	26.97 1.42 -12.26	29.43 1.65 -11.77	31.64 1.74 -13.61	35.30 1.77 -17.16	35.18 1.84 -16.65	36.72 1.82 -18.23	35.84 1.76 -17.94	36.39 1.75 -18.87	37.24 1.76 -19.46	36.36 1.76 -18.58	35.86 1.85 -17.15	36.00 2.01 -15.74	33.76 2.08 -12.62	33.30 2.38 -9.83	34.23 2.53 -9.48	29.10 2.37 -5.76	27.45 1.83 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.08 0.58 -11.44	20.64 0.73 -12.44	26.97 1.42 -12.26	29.44 1.66 -11.77	31.64 1.74 -13.61	35.32 1.79 -17.16	35.19 1.85 -16.65	36.74 1.83 -18.23	35.86 1.78 -17.94	36.40 1.77 -18.87	37.26 1.78 -19.46	36.36 1.76 -18.58	35.88 1.87 -17.15	36.02 2.03 -15.74	33.78 2.10 -12.62	33.32 2.40 -9.83	34.25 2.55 -9.48	29.10 2.37 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64
RAVENSWOOD_GT_9 24257	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.08 0.58 -11.44	20.64 0.73 -12.44	26.97 1.42 -12.26	29.44 1.66 -11.77	31.64 1.74 -13.61	35.32 1.79 -17.16	35.19 1.85 -16.65	36.74 1.83 -18.23	35.86 1.78 -17.94	36.40 1.77 -18.87	37.26 1.78 -19.46	36.36 1.76 -18.58	35.88 1.87 -17.15	36.02 2.03 -15.74	33.78 2.10 -12.62	33.32 2.40 -9.83	34.25 2.55 -9.48	29.10 2.37 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64
RAVENSWOOD___1 23533	25.30 0.76 -17.08	19.34 0.66 -12.36	18.27 0.47 -13.38	18.41 0.53 -12.81	18.10 0.60 -11.44	20.67 0.76 -12.44	27.00 1.45 -12.26	29.51 1.73 -11.77	31.71 1.81 -13.61	35.39 1.85 -17.16	35.28 1.94 -16.65	36.81 1.90 -18.23	35.92 1.84 -17.94	36.46 1.83 -18.87	37.32 1.84 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.09 2.10 -15.74	33.86 2.17 -12.62	33.40 2.49 -9.83	34.36 2.66 -9.48	29.19 2.45 -5.76	27.52 1.91 -7.98	24.18 1.52 -6.64
RAVENSWOOD___2 23534	25.30 0.76 -17.08	19.33 0.65 -12.36	18.27 0.47 -13.38	18.41 0.52 -12.81	18.10 0.60 -11.44	20.67 0.76 -12.44	26.99 1.44 -12.26	29.51 1.73 -11.77	31.71 1.81 -13.61	35.39 1.85 -17.16	35.28 1.94 -16.65	36.81 1.90 -18.23	35.92 1.84 -17.94	36.46 1.83 -18.87	37.32 1.84 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.09 2.10 -15.74	33.86 2.17 -12.62	33.40 2.49 -9.83	34.36 2.66 -9.48	29.19 2.45 -5.76	27.52 1.91 -7.98	24.18 1.52 -6.64
RAVENSWOOD___3 23535	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.40 0.51 -12.81	18.08 0.58 -11.44	20.64 0.73 -12.44	26.97 1.42 -12.26	29.44 1.66 -11.77	31.64 1.74 -13.61	35.32 1.79 -17.16	35.19 1.85 -16.65	36.74 1.83 -18.23	35.86 1.78 -17.94	36.40 1.77 -18.87	37.26 1.78 -19.46	36.36 1.76 -18.58	35.88 1.87 -17.15	36.02 2.03 -15.74	33.78 2.10 -12.62	33.32 2.40 -9.83	34.25 2.55 -9.48	29.10 2.37 -5.76	27.47 1.85 -7.98	24.16 1.50 -6.64
RAVENSWOOD___4 23820	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.60 -11.44	20.67 0.76 -12.44	26.99 1.44 -12.26	29.51 1.73 -11.77	31.69 1.79 -13.61	35.39 1.85 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.92 1.84 -17.94	36.45 1.81 -18.87	37.32 1.84 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.09 2.10 -15.74	33.86 2.17 -12.62	33.40 2.49 -9.83	34.36 2.66 -9.48	29.19 2.45 -5.76	27.52 1.91 -7.98	24.18 1.52 -6.64
RCPL_TRUST___DRP 24196	23.46 0.76 -15.24	19.30 0.66 -12.33	18.26 0.47 -13.36	18.38 0.52 -12.79	18.07 0.58 -11.44	20.63 0.73 -12.43	26.52 1.44 -11.80	29.43 1.66 -11.76	29.81 1.74 -11.78	32.04 1.79 -13.88	32.38 1.87 -13.82	32.67 1.83 -14.16	31.91 1.78 -13.99	31.67 1.77 -14.13	32.10 1.78 -14.30	31.56 1.78 -13.76	32.02 1.87 -13.29	33.26 2.03 -12.97	32.04 2.10 -10.87	33.05 2.40 -9.57	34.24 2.55 -9.47	28.87 2.39 -5.51	25.70 1.85 -6.20	22.93 1.52 -5.40
RENSSELAER___COGEN 23796	23.43 0.42 -15.55	22.15 0.35 -15.48	21.49 0.25 -16.81	21.47 0.30 -16.09	20.85 0.39 -14.40	23.59 0.46 -15.65	28.03 0.65 -14.08	31.78 0.80 -14.97	28.45 0.90 -11.26	28.21 0.88 -10.94	29.42 0.93 -11.80	27.26 0.92 -9.67	26.69 0.89 -9.67	24.86 0.87 -8.22	24.47 0.88 -7.57	24.46 0.86 -7.57	26.74 0.91 -8.98	30.09 1.02 -10.81	30.37 1.07 -10.24	33.95 1.22 -11.64	35.53 1.27 -12.05	28.62 1.15 -6.50	22.83 0.95 -4.23	21.19 0.88 -4.30
REVERE_CPPR_DRP 24186	8.19 0.12 -0.62	7.02 0.09 -0.61	5.15 0.05 -0.67	5.79 0.07 -0.64	6.73 0.10 -0.57	8.23 0.13 -0.62	14.17 0.32 -0.56	17.29 0.54 -0.74	17.34 0.47 -0.57	17.39 0.46 -0.56	17.79 0.50 -0.60	17.65 0.48 -0.49	17.08 0.45 -0.49	16.59 0.41 -0.42	16.85 0.45 -0.38	16.85 0.45 -0.38	17.88 0.57 -0.45	19.39 0.60 -0.53	20.28 0.71 -0.51	22.48 0.82 -0.57	23.74 1.00 -0.53	22.05 0.75 -0.32	18.38 0.53 -0.21	16.65 0.43 -0.21
RIVERBAY____ 323610	20.76 0.79 -12.51	19.28 0.68 -12.29	18.26 0.48 -13.35	18.39 0.54 -12.77	18.11 0.61 -11.43	20.68 0.78 -12.42	25.88 1.49 -11.10	29.57 1.81 -11.76	27.16 1.89 -8.98	27.18 1.93 -8.87	28.21 2.02 -9.50	26.69 1.98 -8.03	26.01 1.92 -7.95	24.67 1.91 -6.99	24.48 1.94 -6.52	24.47 1.92 -6.53	26.37 2.06 -7.46	29.22 2.21 -8.75	29.58 2.31 -8.21	33.44 2.66 -9.70	34.53 2.84 -9.47	29.21 2.60 -5.63	23.15 2.01 -3.50	21.11 1.60 -3.50
ROCHESTER_9_IC 23652	9.34 -0.04 -1.92	8.20 -0.04 -1.92	6.52 0.00 -2.08	7.08 0.01 -1.99	7.84 -0.01 -1.78	9.41 0.00 -1.94	15.03 0.01 -1.72	17.06 -0.11 -1.16	16.76 -0.23 -0.70	16.84 -0.20 -0.66	16.92 -0.12 -0.35	16.81 -0.15 -0.29	16.29 -0.23 -0.37	15.83 -0.21 -0.26	16.04 -0.22 -0.25	16.12 -0.34 -0.44	16.93 -0.29 -0.37	17.88 -0.33 0.05	18.73 -0.19 0.14	20.82 -0.10 0.16	21.77 -0.07 0.38	20.99 -0.21 -0.22	17.69 -0.48 -0.52	16.16 -0.38 -0.53



ROSETON___1 23587	20.32 0.60 -12.26	19.04 0.52 -12.21	18.06 0.37 -13.26	18.18 0.41 -12.69	17.88 0.46 -11.36	20.40 0.58 -12.34	25.42 1.14 -10.99	29.00 1.31 -11.68	26.44 1.40 -8.75	26.31 1.42 -8.50	27.34 1.48 -9.17	25.65 1.47 -7.51	25.08 1.42 -7.52	23.57 1.40 -6.40	23.33 1.43 -5.89	23.32 1.41 -5.89	25.33 1.50 -6.98	28.30 1.61 -8.44	28.73 1.68 -7.99	32.09 1.92 -9.08	33.69 2.07 -9.41	27.95 1.91 -5.07	22.41 1.46 -3.30	20.55 1.18 -3.35
ROSETON___2 23588	20.32 0.60 -12.26	19.04 0.52 -12.21	18.06 0.37 -13.26	18.18 0.41 -12.69	17.88 0.46 -11.36	20.40 0.58 -12.34	25.42 1.14 -10.99	29.00 1.31 -11.68	26.44 1.40 -8.75	26.31 1.42 -8.50	27.34 1.48 -9.17	25.65 1.47 -7.51	25.08 1.42 -7.52	23.57 1.40 -6.40	23.33 1.43 -5.89	23.32 1.41 -5.89	25.33 1.50 -6.98	28.30 1.61 -8.44	28.73 1.68 -7.99	32.09 1.92 -9.08	33.69 2.07 -9.41	27.95 1.91 -5.07	22.41 1.46 -3.30	20.55 1.18 -3.35
RUSSELL___1 23602	9.37 -0.01 -1.93	8.22 -0.02 -1.92	6.53 0.01 -2.08	7.09 0.02 -1.99	7.86 0.01 -1.78	9.43 0.02 -1.94	15.07 0.05 -1.73	17.13 -0.05 -1.16	16.83 -0.16 -0.70	16.89 -0.15 -0.66	16.99 -0.05 -0.35	16.88 -0.08 -0.29	16.34 -0.18 -0.38	15.88 -0.16 -0.27	16.09 -0.18 -0.25	16.17 -0.29 -0.44	17.00 -0.22 -0.37	17.96 -0.26 0.04	18.81 -0.11 0.14	20.91 -0.02 0.15	21.87 0.02 0.37	21.07 -0.13 -0.23	17.74 -0.42 -0.52	16.20 -0.34 -0.53
RUSSELL___2 23532	9.37 -0.01 -1.93	8.22 -0.02 -1.92	6.53 0.01 -2.08	7.09 0.02 -1.99	7.86 0.01 -1.78	9.43 0.02 -1.94	15.07 0.05 -1.73	17.13 -0.05 -1.16	16.83 -0.16 -0.70	16.89 -0.15 -0.66	16.99 -0.05 -0.35	16.88 -0.08 -0.29	16.34 -0.18 -0.38	15.88 -0.16 -0.27	16.09 -0.18 -0.25	16.17 -0.29 -0.44	17.00 -0.22 -0.37	17.96 -0.26 0.04	18.81 -0.11 0.14	20.91 -0.02 0.15	21.87 0.02 0.37	21.07 -0.13 -0.23	17.74 -0.42 -0.52	16.20 -0.34 -0.53
RUSSELL___3 23549	9.37 -0.01 -1.93	8.22 -0.02 -1.92	6.53 0.01 -2.08	7.09 0.02 -1.99	7.86 0.01 -1.78	9.43 0.02 -1.94	15.07 0.05 -1.73	17.13 -0.05 -1.16	16.83 -0.16 -0.70	16.89 -0.15 -0.66	16.99 -0.05 -0.35	16.88 -0.08 -0.29	16.34 -0.18 -0.38	15.88 -0.16 -0.27	16.09 -0.18 -0.25	16.17 -0.29 -0.44	17.00 -0.22 -0.37	17.96 -0.26 0.04	18.81 -0.11 0.14	20.91 -0.02 0.15	21.87 0.02 0.37	21.07 -0.13 -0.23	17.74 -0.42 -0.52	16.20 -0.34 -0.53
RUSSELL___4 23556	9.37 -0.01 -1.93	8.22 -0.02 -1.92	6.53 0.01 -2.08	7.09 0.02 -1.99	7.86 0.01 -1.78	9.43 0.02 -1.94	15.07 0.05 -1.73	17.13 -0.05 -1.16	16.83 -0.16 -0.70	16.89 -0.15 -0.66	16.99 -0.05 -0.35	16.88 -0.08 -0.29	16.34 -0.18 -0.38	15.88 -0.16 -0.27	16.09 -0.18 -0.25	16.17 -0.29 -0.44	17.00 -0.22 -0.37	17.96 -0.26 0.04	18.81 -0.11 0.14	20.91 -0.02 0.15	21.87 0.02 0.37	21.07 -0.13 -0.23	17.74 -0.42 -0.52	16.20 -0.34 -0.53
RUSSELL___STATION 23914	9.37 -0.01 -1.93	8.22 -0.02 -1.92	6.53 0.01 -2.08	7.09 0.02 -1.99	7.86 0.01 -1.78	9.43 0.02 -1.94	15.07 0.05 -1.73	17.13 -0.05 -1.16	16.83 -0.16 -0.70	16.89 -0.15 -0.66	16.99 -0.05 -0.35	16.88 -0.08 -0.29	16.34 -0.18 -0.38	15.88 -0.16 -0.27	16.09 -0.18 -0.25	16.17 -0.29 -0.44	17.00 -0.22 -0.37	17.96 -0.26 0.04	18.81 -0.11 0.14	20.91 -0.02 0.15	21.87 0.02 0.37	21.07 -0.13 -0.23	17.74 -0.42 -0.52	16.20 -0.34 -0.53
S SALMON___HYD 24043	8.44 -0.12 -1.10	7.31 -0.10 -1.09	5.54 -0.08 -1.19	6.13 -0.08 -1.14	6.99 -0.09 -1.02	8.45 -0.13 -1.11	14.08 -0.20 -0.99	16.91 -0.18 -1.08	16.88 -0.24 -0.83	16.94 -0.25 -0.80	17.36 -0.20 -0.87	17.20 -0.18 -0.71	16.66 -0.19 -0.71	16.17 -0.21 -0.60	16.35 -0.22 -0.56	16.30 -0.27 -0.56	17.26 -0.25 -0.66	18.73 -0.31 -0.78	19.54 -0.27 -0.74	21.67 -0.25 -0.84	22.83 -0.18 -0.80	21.17 -0.27 -0.47	17.68 -0.26 -0.30	16.10 -0.22 -0.31
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	10.14 0.07 -2.60	8.97 0.06 -2.59	7.35 0.11 -2.81	7.92 0.15 -2.69	8.55 0.08 -2.41	10.19 0.10 -2.62	15.87 0.23 -2.35	24.22 0.22 -7.98	24.11 0.08 -7.73	24.12 0.07 -7.68	28.06 0.18 -11.19	25.96 0.17 -9.12	24.60 0.02 -8.45	23.45 0.06 -7.62	23.04 0.05 -6.97	21.41 -0.06 -5.45	24.57 0.05 -7.67	31.43 0.00 -13.18	32.53 0.32 -13.14	36.58 0.49 -15.01	39.79 0.35 -17.22	26.95 0.15 -5.83	18.13 -0.23 -0.71	16.45 -0.29 -0.73
SELKIRK___I 23801	23.07 0.40 -15.21	21.79 0.33 -15.14	21.12 0.24 -16.45	21.10 0.28 -15.74	20.50 0.36 -14.09	23.22 0.43 -15.31	27.85 0.68 -13.88	31.58 0.82 -14.75	28.25 0.90 -11.07	28.03 0.90 -10.75	29.20 0.92 -11.60	27.09 0.92 -9.50	26.55 0.89 -9.53	24.74 0.87 -8.10	24.36 0.88 -7.46	24.35 0.86 -7.46	26.62 0.93 -8.84	29.93 1.02 -10.65	30.24 1.09 -10.09	33.78 1.22 -11.47	35.38 1.29 -11.87	28.55 1.17 -6.40	22.78 0.97 -4.17	21.09 0.85 -4.24
SELKIRK___II 23799	23.08 0.40 -15.23	21.81 0.33 -15.16	21.14 0.24 -16.47	21.12 0.28 -15.76	20.52 0.36 -14.10	23.24 0.43 -15.33	27.85 0.68 -13.88	31.58 0.82 -14.75	28.25 0.90 -11.07	28.02 0.88 -10.75	29.20 0.92 -11.60	27.09 0.92 -9.50	26.55 0.89 -9.53	24.74 0.87 -8.10	24.36 0.88 -7.46	24.35 0.86 -7.46	26.62 0.93 -8.84	29.93 1.02 -10.65	30.24 1.09 -10.09	33.78 1.22 -11.47	35.35 1.27 -11.87	28.55 1.17 -6.40	22.78 0.97 -4.17	21.09 0.85 -4.24
SENECA OSWGO___HYD 24041	8.65 -0.07 -1.26	7.52 -0.05 -1.25	5.75 -0.04 -1.36	6.34 -0.04 -1.30	7.17 -0.05 -1.16	8.67 -0.07 -1.26	14.33 -0.09 -1.13	17.14 -0.10 -1.22	17.07 -0.16 -0.94	17.14 -0.15 -0.91	17.56 -0.12 -0.98	17.35 -0.13 -0.81	16.78 -0.16 -0.81	16.30 -0.16 -0.69	16.49 -0.16 -0.63	16.46 -0.19 -0.63	17.43 -0.17 -0.75	18.92 -0.22 -0.88	19.71 -0.19 -0.84	21.86 -0.17 -0.95	23.06 -0.11 -0.96	21.32 -0.19 -0.53	17.74 -0.25 -0.35	16.15 -0.21 -0.35
SENECA___ENERGY 23797	9.50 -0.01 -2.05	8.36 0.00 -2.04	6.66 0.01 -2.22	7.22 0.02 -2.12	7.97 0.01 -1.90	9.56 0.02 -2.06	15.21 0.08 -1.84	18.09 0.10 -1.98	17.97 0.15 -1.53	18.01 0.15 -1.48	18.51 0.22 -1.60	18.17 0.18 -1.31	17.55 0.10 -1.31	16.98 0.10 -1.12	17.13 0.08 -1.03	17.08 0.03 -1.03	18.17 0.10 -1.22	19.62 -0.07 -1.43	20.46 0.04 -1.35	22.75 0.13 -1.54	23.99 0.20 -1.58	21.88 0.04 -0.86	18.06 -0.14 -0.56	16.43 -0.14 -0.57
SHOEMAKER___GT 23640	19.27 0.51 -11.30	18.02 0.46 -11.25	16.97 0.32 -12.22	17.13 0.36 -11.69	16.92 0.39 -10.46	19.35 0.51 -11.37	24.39 0.98 -10.12	27.89 1.12 -10.76	25.55 1.21 -8.05	25.43 1.23 -7.82	26.39 1.27 -8.44	24.85 1.27 -6.91	24.29 1.23 -6.92	22.87 1.21 -5.89	22.67 1.23 -5.42	22.66 1.22 -5.42	24.56 1.28 -6.42	27.40 1.37 -7.77	27.86 1.43 -7.36	31.12 1.67 -8.37	32.66 1.78 -8.67	27.28 1.64 -4.67	21.94 1.25 -3.04	20.11 1.01 -3.09
SHOREHAM_IC_1 23715	21.07 1.12 -12.50	19.52 0.93 -12.27	18.39 0.62 -13.34	18.51 0.67 -12.76	18.28 0.80 -11.42	20.94 1.05 -12.42	26.53 2.15 -11.09	30.43 2.67 -11.75	27.79 2.53 -8.97	27.77 2.54 -8.86	29.06 2.65 -9.71	28.44 2.52 -9.25	26.61 2.41 -8.06	26.61 2.38 -8.46	26.40 2.40 -7.98	26.83 2.37 -8.44	27.89 2.58 -8.46	30.02 2.98 -8.79	30.61 3.13 -8.42	33.69 3.46 -9.15	35.54 3.86 -9.46	29.40 3.31 -5.11	24.94 2.75 -4.55	21.80 2.31 -3.48



SHOREHAM_IC_2 23716	21.07 1.12 -12.50	19.52 0.93 -12.27	18.39 0.62 -13.34	18.51 0.67 -12.76	18.28 0.80 -11.42	20.94 1.05 -12.42	26.53 2.15 -11.09	30.43 2.67 -11.75	27.79 2.53 -8.97	27.77 2.54 -8.86	29.06 2.65 -9.71	28.44 2.52 -9.25	26.61 2.41 -8.06	26.61 2.38 -8.46	26.40 2.40 -7.98	26.83 2.37 -8.44	27.89 2.58 -8.46	30.02 2.98 -8.79	30.61 3.13 -8.42	33.69 3.46 -9.15	35.54 3.86 -9.46	29.40 3.31 -5.11	24.94 2.75 -4.55	21.80 2.31 -3.48
SISSONVILLE____ 23735	6.84 -0.62 0.00	5.78 -0.54 0.00	4.02 -0.41 0.00	4.61 -0.47 0.00	5.54 -0.52 0.00	6.84 -0.64 0.00	11.96 -1.33 0.00	14.66 -1.34 0.00	14.88 -1.42 0.00	14.92 -1.46 0.00	15.15 -1.54 0.00	15.16 -1.52 0.00	14.73 -1.40 0.00	14.33 -1.43 0.00	14.59 -1.43 0.00	14.71 -1.31 0.00	15.47 -1.38 0.00	16.83 -1.42 0.00	17.56 -1.51 0.00	19.35 -1.73 0.00	19.79 -1.78 0.65	19.36 -1.61 0.00	16.43 -1.22 0.00	14.83 -1.18 0.00
SITHE_IND_GS1 24169	8.33 -0.12 -0.99	7.20 -0.10 -0.99	5.44 -0.07 -1.07	6.03 -0.07 -1.03	6.88 -0.10 -0.92	8.34 -0.13 -1.00	13.97 -0.21 -0.89	16.70 -0.27 -0.96	16.72 -0.31 -0.73	16.78 -0.31 -0.71	17.16 -0.30 -0.77	17.00 -0.30 -0.63	16.46 -0.31 -0.63	16.00 -0.30 -0.54	16.21 -0.30 -0.49	16.18 -0.34 -0.49	17.12 -0.32 -0.58	18.55 -0.40 -0.69	19.34 -0.38 -0.66	21.43 -0.40 -0.75	22.60 -0.38 -0.76	20.97 -0.42 -0.42	17.51 -0.41 -0.27	15.95 -0.34 -0.28
SITHE_IND_GS2 24170	8.33 -0.12 -0.99	7.20 -0.10 -0.99	5.44 -0.07 -1.07	6.03 -0.07 -1.03	6.88 -0.10 -0.92	8.34 -0.13 -1.00	13.97 -0.21 -0.89	16.70 -0.27 -0.96	16.72 -0.31 -0.73	16.78 -0.31 -0.71	17.16 -0.30 -0.77	17.00 -0.30 -0.63	16.46 -0.31 -0.63	16.00 -0.30 -0.54	16.21 -0.30 -0.49	16.18 -0.34 -0.49	17.12 -0.32 -0.58	18.55 -0.40 -0.69	19.34 -0.38 -0.66	21.43 -0.40 -0.75	22.60 -0.38 -0.76	20.97 -0.42 -0.42	17.51 -0.41 -0.27	15.95 -0.34 -0.28
SITHE_IND_GS3 24171	8.33 -0.12 -0.99	7.20 -0.10 -0.99	5.44 -0.07 -1.07	6.03 -0.07 -1.03	6.88 -0.10 -0.92	8.34 -0.13 -1.00	13.97 -0.21 -0.89	16.70 -0.27 -0.96	16.72 -0.31 -0.73	16.78 -0.31 -0.71	17.16 -0.30 -0.77	17.00 -0.30 -0.63	16.46 -0.31 -0.63	16.00 -0.30 -0.54	16.21 -0.30 -0.49	16.18 -0.34 -0.49	17.12 -0.32 -0.58	18.55 -0.40 -0.69	19.34 -0.38 -0.66	21.43 -0.40 -0.75	22.60 -0.38 -0.76	20.97 -0.42 -0.42	17.51 -0.41 -0.27	15.95 -0.34 -0.28
SITHE_IND_GS4 24172	8.33 -0.12 -0.99	7.20 -0.10 -0.99	5.44 -0.07 -1.07	6.03 -0.07 -1.03	6.88 -0.10 -0.92	8.34 -0.13 -1.00	13.97 -0.21 -0.89	16.70 -0.27 -0.96	16.72 -0.31 -0.73	16.78 -0.31 -0.71	17.16 -0.30 -0.77	17.00 -0.30 -0.63	16.46 -0.31 -0.63	16.00 -0.30 -0.54	16.21 -0.30 -0.49	16.18 -0.34 -0.49	17.12 -0.32 -0.58	18.55 -0.40 -0.69	19.34 -0.38 -0.66	21.43 -0.40 -0.75	22.60 -0.38 -0.76	20.97 -0.42 -0.42	17.51 -0.41 -0.27	15.95 -0.34 -0.28
SITHE____BATAVIA 24024	9.68 -0.01 -2.23	8.53 -0.01 -2.22	6.91 0.06 -2.42	7.47 0.08 -2.32	8.16 0.03 -2.07	9.77 0.05 -2.25	15.41 0.13 -1.98	17.15 0.03 -1.11	16.84 -0.13 -0.68	16.88 -0.13 -0.64	16.88 -0.02 -0.21	16.80 -0.05 -0.18	16.25 -0.18 -0.29	15.80 -0.14 -0.18	16.03 -0.16 -0.17	16.13 -0.30 -0.41	16.95 -0.20 -0.30	17.73 -0.24 0.29	18.58 0.02 0.51	20.77 0.17 0.48	21.60 0.13 0.75	21.06 -0.06 -0.15	17.78 -0.46 -0.60	16.20 -0.42 -0.61
SITHE____INDEPEND 23800	8.33 -0.12 -0.99	7.20 -0.10 -0.99	5.44 -0.07 -1.07	6.03 -0.07 -1.03	6.88 -0.10 -0.92	8.34 -0.13 -1.00	13.97 -0.21 -0.89	16.70 -0.27 -0.96	16.72 -0.31 -0.73	16.78 -0.31 -0.71	17.16 -0.30 -0.77	17.00 -0.30 -0.63	16.46 -0.31 -0.63	16.00 -0.30 -0.54	16.21 -0.30 -0.49	16.18 -0.34 -0.49	17.12 -0.32 -0.58	18.55 -0.40 -0.69	19.34 -0.38 -0.66	21.43 -0.40 -0.75	22.60 -0.38 -0.76	20.97 -0.42 -0.42	17.51 -0.41 -0.27	15.95 -0.34 -0.28
SITHE____MASSENA 23902	7.09 -0.37 0.00	6.00 -0.32 0.00	4.19 -0.24 0.00	4.79 -0.28 0.00	5.74 -0.32 0.00	7.08 -0.39 0.00	12.41 -0.88 0.00	15.10 -0.91 0.00	15.37 -0.93 0.00	15.41 -0.97 0.00	15.64 -1.05 0.00	15.66 -1.02 0.00	15.20 -0.94 0.00	14.82 -0.95 0.00	15.06 -0.96 0.00	15.15 -0.87 0.00	15.89 -0.96 0.00	17.29 -0.97 0.00	18.02 -1.05 0.00	19.86 -1.22 0.00	20.12 -1.31 0.78	19.84 -1.13 0.00	16.83 -0.81 0.00	15.26 -0.75 0.00
SITHE____OGDNSBRG 24021	7.00 -0.46 0.00	5.92 -0.40 0.00	4.12 -0.31 0.00	4.73 -0.35 0.00	5.68 -0.38 0.00	7.00 -0.47 0.00	12.28 -1.01 0.00	15.03 -0.98 0.00	15.25 -1.04 0.00	15.30 -1.08 0.00	15.52 -1.17 0.00	15.54 -1.13 0.00	15.09 -1.05 0.00	14.70 -1.07 0.00	14.94 -1.07 0.00	15.06 -0.96 0.00	15.84 -1.01 0.00	17.24 -1.02 0.00	17.98 -1.09 0.00	19.82 -1.26 0.00	20.20 -1.31 0.70	19.80 -1.17 0.00	16.80 -0.85 0.00	15.18 -0.83 0.00
SITHE____STERLING 23777	8.36 0.13 -0.77	7.19 0.10 -0.77	5.33 0.07 -0.83	5.96 0.09 -0.80	6.88 0.11 -0.71	8.39 0.14 -0.78	14.31 0.32 -0.70	17.49 0.54 -0.93	17.50 0.49 -0.72	17.56 0.48 -0.70	17.96 0.52 -0.76	17.81 0.52 -0.62	17.22 0.47 -0.62	16.73 0.44 -0.52	16.97 0.46 -0.48	16.97 0.46 -0.48	18.00 0.57 -0.57	19.53 0.60 -0.67	20.39 0.69 -0.64	22.61 0.80 -0.73	23.87 0.95 -0.70	22.11 0.73 -0.41	18.42 0.51 -0.26	16.69 0.42 -0.27
SOUTH CAIRO____GT 23612	21.35 0.65 -13.25	20.07 0.56 -13.19	19.17 0.42 -14.32	19.26 0.47 -13.71	18.86 0.53 -12.27	21.49 0.68 -13.33	26.36 1.18 -11.89	30.01 1.36 -12.64	27.22 1.48 -9.45	27.05 1.49 -9.18	28.11 1.52 -9.90	26.27 1.48 -8.11	25.70 1.44 -8.12	24.10 1.42 -6.91	23.80 1.43 -6.36	23.78 1.39 -6.36	25.89 1.50 -7.54	29.03 1.64 -9.13	29.41 1.70 -8.64	32.93 2.02 -9.83	34.53 2.13 -10.18	28.39 1.93 -5.48	22.63 1.41 -3.57	20.82 1.18 -3.63
SOUTH HAMPTN____IC 23720	21.28 1.32 -12.50	19.69 1.10 -12.27	18.50 0.74 -13.34	18.65 0.81 -12.76	18.45 0.96 -11.42	21.15 1.26 -12.42	26.93 2.55 -11.09	30.93 3.17 -11.75	28.31 3.05 -8.97	28.31 3.08 -8.86	29.63 3.22 -9.71	29.02 3.10 -9.25	27.11 2.90 -8.06	27.11 2.89 -8.46	26.90 2.90 -7.98	27.36 2.90 -8.44	28.46 3.15 -8.46	30.62 3.58 -8.79	31.26 3.78 -8.42	34.50 4.26 -9.15	36.34 4.67 -9.46	30.16 4.07 -5.11	25.45 3.26 -4.55	22.23 2.74 -3.48
SOUTHOLD____IC 23719	21.41 1.45 -12.50	19.81 1.22 -12.27	18.59 0.82 -13.34	18.74 0.90 -12.76	18.57 1.08 -11.42	21.31 1.42 -12.42	27.19 2.82 -11.09	31.26 3.51 -11.75	28.63 3.37 -8.97	28.66 3.42 -8.86	29.98 3.57 -9.71	29.39 3.47 -9.25	27.41 3.21 -8.06	27.41 3.19 -8.46	27.20 3.20 -7.98	27.68 3.22 -8.44	28.82 3.51 -8.46	31.00 3.96 -8.79	31.68 4.19 -8.42	35.02 4.79 -9.15	36.87 5.20 -9.46	30.66 4.57 -5.11	25.83 3.63 -4.55	22.54 3.04 -3.48
ST LAWRENCE____ 23600	7.12 -0.34 0.00	6.02 -0.30 0.00	4.21 -0.23 0.00	4.81 -0.26 0.00	5.76 -0.30 0.00	7.11 -0.37 0.00	12.55 -0.74 0.00	15.16 -0.85 0.00	15.45 -0.85 0.00	15.49 -0.88 0.00	15.74 -0.95 0.00	15.74 -0.93 0.00	15.28 -0.86 0.00	14.92 -0.85 0.00	15.15 -0.87 0.00	15.22 -0.80 0.00	15.96 -0.89 0.00	17.35 -0.91 0.00	18.05 -1.01 0.00	19.88 -1.20 0.00	20.12 -1.29 0.81	19.86 -1.11 0.00	16.85 -0.79 0.00	15.34 -0.67 0.00



STATION_5_MISC_HYD 23604	9.34 -0.04 -1.92	8.20 -0.04 -1.92	6.52 0.00 -2.08	7.08 0.01 -1.99	7.84 -0.01 -1.78	9.41 0.00 -1.94	15.03 0.01 -1.72	17.06 -0.11 -1.16	16.76 -0.23 -0.70	16.84 -0.20 -0.66	16.92 -0.12 -0.35	16.81 -0.15 -0.29	16.29 -0.23 -0.37	15.83 -0.21 -0.26	16.04 -0.22 -0.25	16.12 -0.34 -0.44	16.93 -0.29 -0.37	17.88 -0.33 0.05	18.73 -0.19 0.14	20.82 -0.10 0.16	21.77 -0.07 0.38	20.99 -0.21 -0.22	17.69 -0.48 -0.52	16.16 -0.38 -0.53
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	9.40 0.01 -1.93	8.25 0.01 -1.92	6.54 0.03 -2.09	7.10 0.03 -2.00	7.88 0.04 -1.79	9.47 0.06 -1.94	15.15 0.13 -1.73	17.31 0.08 -1.22	17.74 0.02 -1.43	17.80 0.03 -1.39	18.30 0.12 -1.50	17.97 0.07 -1.23	17.35 -0.02 -1.23	16.81 0.00 -1.04	16.96 -0.02 -0.96	16.88 -0.10 -0.96	17.96 -0.03 -1.14	19.49 -0.11 -1.34	19.79 0.02 -0.70	22.51 0.13 -1.30	23.90 0.20 -1.48	21.27 0.02 -0.27	17.94 -0.23 -0.52	16.37 -0.18 -0.53
STA_56_34_KV_BUS2_REV_LBMP_B 345033	9.27 -0.10 -1.90	8.13 -0.08 -1.90	6.46 -0.03 -2.06	7.02 -0.03 -1.97	7.77 -0.05 -1.76	9.33 -0.06 -1.92	14.91 -0.09 -1.71	16.98 -0.22 -1.20	16.70 -0.33 -0.74	16.78 -0.29 -0.70	16.89 -0.22 -0.42	16.77 -0.25 -0.35	16.24 -0.32 -0.42	15.78 -0.30 -0.31	15.99 -0.32 -0.29	16.05 -0.43 -0.47	16.88 -0.39 -0.41	19.38 -0.44 -1.56	19.57 -0.32 -0.83	22.36 -0.25 -1.53	23.77 -0.22 -1.78	20.88 -0.36 -0.26	17.59 -0.57 -0.52	16.06 -0.48 -0.52
STEEL___WIND 323596	10.35 0.19 -2.70	9.17 0.16 -2.69	7.53 0.18 -2.92	8.10 0.23 -2.79	8.74 0.18 -2.50	10.41 0.22 -2.72	16.23 0.49 -2.44	26.87 0.56 -10.30	25.72 0.44 -8.98	25.72 0.41 -8.93	30.35 0.53 -13.13	27.89 0.52 -10.70	26.39 0.35 -9.89	25.10 0.39 -8.93	24.57 0.38 -8.17	22.62 0.26 -6.35	26.23 0.40 -8.97	34.19 0.38 -15.55	36.30 0.72 -16.51	39.99 0.93 -17.98	43.45 0.84 -20.39	29.28 0.59 -7.72	18.51 0.12 -0.74	16.77 0.00 -0.76
STEBEN_REC_LFGE 323667	11.21 0.23 -3.52	10.03 0.21 -3.50	8.42 0.18 -3.81	8.94 0.22 -3.64	9.54 0.22 -3.26	11.30 0.28 -3.54	17.10 0.64 -3.17	22.06 0.82 -5.24	21.46 0.67 -4.50	21.48 0.67 -4.43	23.21 0.78 -5.73	22.10 0.75 -4.68	21.20 0.60 -4.46	20.32 0.61 -3.94	20.23 0.61 -3.61	19.61 0.48 -3.11	21.61 0.67 -4.08	25.16 0.71 -6.19	26.20 1.01 -6.13	29.32 1.29 -6.95	31.33 1.38 -7.73	25.14 1.09 -3.08	19.16 0.56 -0.96	17.38 0.40 -0.97
STONY___BROOK 24151	21.04 1.09 -12.50	19.49 0.90 -12.27	18.36 0.59 -13.34	18.48 0.65 -12.76	18.25 0.76 -11.42	20.91 1.02 -12.42	26.48 2.10 -11.09	30.40 2.64 -11.75	27.82 2.56 -8.97	27.84 2.60 -8.86	29.02 2.62 -9.71	28.49 2.57 -9.25	26.69 2.48 -8.06	26.68 2.46 -8.46	26.48 2.48 -7.98	26.91 2.45 -8.44	27.96 2.65 -8.46	30.16 3.12 -8.78	30.63 3.15 -8.42	33.63 3.40 -9.15	35.65 3.98 -9.46	29.38 3.29 -5.11	25.11 2.96 -4.50	21.75 2.26 -3.48
STURGEON_POOL_HYD 23609	20.56 0.59 -12.51	19.29 0.52 -12.45	18.33 0.37 -13.53	18.43 0.41 -12.94	18.10 0.45 -11.59	20.64 0.58 -12.59	25.60 1.13 -11.18	29.20 1.30 -11.89	26.56 1.42 -8.85	26.42 1.44 -8.60	27.47 1.50 -9.28	25.74 1.47 -7.60	25.17 1.42 -7.61	23.66 1.42 -6.47	23.40 1.43 -5.96	23.41 1.43 -5.96	25.43 1.52 -7.06	28.43 1.59 -8.59	28.86 1.66 -8.13	32.23 1.90 -9.25	33.83 2.04 -9.58	28.02 1.89 -5.16	22.43 1.43 -3.36	20.56 1.14 -3.41
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.46 0.55 -11.45	18.21 0.49 -11.40	17.16 0.35 -12.39	17.32 0.39 -11.85	17.09 0.42 -10.61	19.55 0.55 -11.53	24.63 1.08 -10.26	28.13 1.22 -10.91	25.76 1.30 -8.16	25.66 1.34 -7.93	26.63 1.38 -8.55	25.05 1.37 -7.01	24.48 1.32 -7.02	23.06 1.32 -5.97	22.84 1.33 -5.49	22.83 1.31 -5.50	24.76 1.40 -6.51	27.63 1.50 -7.88	28.09 1.56 -7.46	31.38 1.81 -8.48	32.93 1.93 -8.79	27.49 1.78 -4.73	22.08 1.36 -3.08	20.23 1.09 -3.13
SYNERGY___BIOGAS 323694	9.68 -0.01 -2.23	8.53 -0.01 -2.22	6.91 0.06 -2.42	7.47 0.08 -2.32	8.16 0.03 -2.07	9.77 0.05 -2.25	15.41 0.13 -1.98	17.15 0.03 -1.11	16.84 -0.13 -0.68	16.88 -0.13 -0.64	16.88 -0.02 -0.21	16.80 -0.05 -0.18	16.25 -0.18 -0.29	15.80 -0.14 -0.18	16.03 -0.16 -0.17	16.13 -0.30 -0.41	16.95 -0.20 -0.30	17.73 -0.24 0.29	18.58 0.02 0.51	20.77 0.17 0.48	21.60 0.13 0.75	21.06 -0.06 -0.15	17.78 -0.46 -0.60	16.20 -0.42 -0.61
SYRACUSE___ENERGY_ST1 323597	9.10 0.04 -1.60	7.95 0.04 -1.59	6.19 0.03 -1.73	6.77 0.04 -1.66	7.58 0.04 -1.48	9.12 0.04 -1.61	14.83 0.11 -1.44	17.69 0.13 -1.56	17.71 0.21 -1.20	17.78 0.23 -1.17	18.23 0.28 -1.26	17.96 0.25 -1.03	17.38 0.21 -1.03	16.84 0.19 -0.88	17.02 0.19 -0.81	16.99 0.16 -0.81	18.03 0.22 -0.96	19.44 0.05 -1.12	20.23 0.10 -1.06	22.46 0.17 -1.21	23.69 0.24 -1.23	21.78 0.13 -0.68	18.08 0.00 -0.44	16.46 0.00 -0.45
SYRACUSE___ENERGY_ST2 323598	9.10 0.04 -1.60	7.95 0.04 -1.59	6.19 0.03 -1.73	6.77 0.04 -1.66	7.58 0.04 -1.48	9.12 0.04 -1.61	14.83 0.11 -1.44	17.69 0.13 -1.56	17.71 0.21 -1.20	17.78 0.23 -1.17	18.23 0.28 -1.26	17.96 0.25 -1.03	17.38 0.21 -1.03	16.84 0.19 -0.88	17.02 0.19 -0.81	16.99 0.16 -0.81	18.03 0.22 -0.96	19.44 0.05 -1.12	20.23 0.10 -1.06	22.46 0.17 -1.21	23.69 0.24 -1.23	21.78 0.13 -0.68	18.08 0.00 -0.44	16.46 0.00 -0.45
SYRACUSE___POWER 24017	9.19 0.05 -1.68	8.04 0.04 -1.68	6.29 0.04 -1.82	6.87 0.05 -1.74	7.66 0.04 -1.56	9.22 0.05 -1.70	14.94 0.13 -1.51	17.83 0.18 -1.65	17.72 0.16 -1.27	17.77 0.16 -1.23	18.23 0.22 -1.33	17.96 0.20 -1.09	17.37 0.14 -1.09	16.83 0.14 -0.92	17.01 0.14 -0.85	16.98 0.11 -0.85	18.03 0.17 -1.01	19.56 0.11 -1.19	20.34 0.15 -1.13	22.60 0.23 -1.28	23.83 0.31 -1.31	21.88 0.19 -0.71	18.14 0.04 -0.47	16.52 0.03 -0.47
TRIGEN___CC 323695	20.79 0.84 -12.50	19.24 0.65 -12.27	18.20 0.43 -13.34	18.31 0.47 -12.76	18.02 0.54 -11.42	20.61 0.72 -12.42	25.94 1.57 -11.09	29.69 1.94 -11.75	27.17 1.91 -8.97	27.18 1.95 -8.86	28.39 1.99 -9.72	27.87 1.95 -9.25	26.11 1.90 -8.06	26.12 1.89 -8.46	25.92 1.92 -7.98	26.30 1.84 -8.44	27.30 1.99 -8.46	29.12 2.12 -8.75	29.62 2.21 -8.35	32.79 2.55 -9.15	34.34 2.66 -9.46	28.63 2.54 -5.11	23.25 1.98 -3.63	21.16 1.67 -3.48
UNION___PROCESSING_DRP 323587	9.34 -0.05 -1.93	8.19 -0.05 -1.93	6.52 0.00 -2.09	7.08 0.00 -2.00	7.83 -0.02 -1.79	9.40 -0.01 -1.95	15.01 -0.01 -1.73	17.04 -0.14 -1.18	16.77 -0.24 -0.72	16.83 -0.23 -0.68	16.91 -0.15 -0.37	16.80 -0.18 -0.31	16.27 -0.26 -0.39	15.81 -0.24 -0.28	16.03 -0.26 -0.26	16.10 -0.37 -0.45	16.94 -0.30 -0.39	17.87 -0.37 0.02	18.72 -0.23 0.12	20.81 -0.15 0.12	21.75 -0.13 0.34	20.94 -0.27 -0.24	17.67 -0.49 -0.52	16.13 -0.42 -0.53
UPPER HUDSON___HYD 24058	24.31 0.49 -16.36	22.98 0.37 -16.28	22.40 0.28 -17.69	22.37 0.37 -16.93	21.70 0.49 -15.15	24.51 0.57 -16.47	29.21 1.13 -14.79	33.12 1.39 -15.72	29.98 1.71 -11.97	29.67 1.65 -11.63	30.99 1.75 -12.54	28.65 1.70 -10.28	27.96 1.63 -10.19	25.85 1.42 -8.67	25.40 1.41 -7.98	25.36 1.36 -7.98	27.73 1.45 -9.43	31.27 1.66 -11.35	31.57 1.75 -10.75	35.38 2.07 -12.23	36.95 2.09 -12.65	29.68 1.89 -6.82	23.67 1.59 -4.44	21.66 1.14 -4.51



UPPER RAQUET___HYD 24056	6.84 -0.62 0.00	5.78 -0.54 0.00	4.02 -0.41 0.00	4.61 -0.47 0.00	5.54 -0.52 0.00	6.84 -0.64 0.00	11.96 -1.33 0.00	14.66 -1.34 0.00	14.88 -1.42 0.00	14.92 -1.46 0.00	15.15 -1.54 0.00	15.16 -1.52 0.00	14.73 -1.40 0.00	14.33 -1.43 0.00	14.59 -1.43 0.00	14.71 -1.31 0.00	15.47 -1.38 0.00	16.83 -1.42 0.00	17.56 -1.51 0.00	19.35 -1.73 0.00	19.79 -1.78 0.65	19.36 -1.61 0.00	16.43 -1.22 0.00	14.83 -1.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.16 0.51 -7.18	13.90 0.43 -7.15	12.50 0.30 -7.77	12.87 0.36 -7.43	13.14 0.42 -6.65	15.24 0.53 -7.23	20.84 1.09 -6.46	24.26 1.38 -6.87	22.93 1.34 -5.30	22.87 1.34 -5.15	23.63 1.38 -5.55	22.59 1.37 -4.55	21.96 1.27 -4.55	20.87 1.23 -3.87	20.87 1.30 -3.56	20.88 1.30 -3.56	22.54 1.47 -4.22	24.85 1.62 -4.96	25.54 1.77 -4.70	28.43 2.00 -5.35	29.94 2.20 -5.53	25.91 1.95 -2.98	21.12 1.53 -1.94	19.23 1.25 -1.97
VISCHER___FERRY HYD 24020	23.92 0.40 -16.06	22.63 0.32 -15.99	22.03 0.23 -17.37	21.98 0.28 -16.62	21.33 0.39 -14.88	24.11 0.46 -16.17	28.60 0.78 -14.52	32.44 0.99 -15.44	29.04 1.09 -11.65	28.78 1.08 -11.32	30.00 1.10 -12.21	27.77 1.10 -10.00	27.15 1.05 -9.97	25.27 1.02 -8.48	24.86 1.04 -7.80	24.85 1.03 -7.81	27.21 1.09 -9.26	30.63 1.22 -11.15	30.96 1.33 -10.56	34.59 1.50 -12.01	36.19 1.55 -12.42	29.08 1.41 -6.70	23.22 1.22 -4.36	21.42 0.98 -4.43
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.72 0.63 -11.64	18.45 0.55 -11.59	17.41 0.39 -12.58	17.55 0.43 -12.04	17.32 0.48 -10.78	19.80 0.61 -11.72	24.93 1.21 -10.42	28.47 1.38 -11.09	26.07 1.48 -8.30	25.96 1.52 -8.06	26.95 1.57 -8.69	25.35 1.55 -7.12	24.77 1.50 -7.13	23.33 1.50 -6.07	23.11 1.51 -5.58	23.10 1.49 -5.59	25.06 1.58 -6.62	27.96 1.70 -8.01	28.42 1.77 -7.58	31.75 2.04 -8.62	33.32 2.18 -8.93	27.80 2.01 -4.81	22.31 1.53 -3.13	20.43 1.23 -3.18
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.46 0.76 -15.24	19.30 0.66 -12.33	18.26 0.47 -13.36	18.38 0.52 -12.79	18.07 0.58 -11.44	20.63 0.73 -12.43	26.52 1.44 -11.80	29.43 1.66 -11.76	29.81 1.74 -11.78	32.04 1.79 -13.88	32.38 1.87 -13.82	32.67 1.83 -14.16	31.91 1.78 -13.99	31.67 1.77 -14.13	32.10 1.78 -14.30	31.56 1.78 -13.76	32.02 1.87 -13.29	33.26 2.03 -12.97	32.04 2.10 -10.87	33.05 2.40 -9.57	34.24 2.55 -9.47	28.87 2.39 -5.51	25.70 1.85 -6.20	22.93 1.52 -5.40
WADING RIVER_IC_1 23522	21.07 1.12 -12.50	19.52 0.93 -12.27	18.39 0.62 -13.34	18.51 0.67 -12.76	18.28 0.80 -11.42	20.93 1.04 -12.42	26.52 2.14 -11.09	30.43 2.67 -11.75	27.77 2.51 -8.97	27.76 2.52 -8.86	29.04 2.64 -9.71	28.42 2.50 -9.25	26.59 2.39 -8.06	26.59 2.36 -8.46	26.39 2.39 -7.98	26.81 2.36 -8.44	27.89 2.58 -8.46	30.04 2.99 -8.79	30.61 3.13 -8.42	33.67 3.44 -9.15	35.52 3.84 -9.46	29.38 3.29 -5.11	24.95 2.75 -4.55	21.80 2.31 -3.48
WADING RIVER_IC_2 23547	21.07 1.12 -12.50	19.52 0.93 -12.27	18.39 0.62 -13.34	18.51 0.67 -12.76	18.28 0.80 -11.42	20.93 1.04 -12.42	26.52 2.14 -11.09	30.43 2.67 -11.75	27.77 2.51 -8.97	27.76 2.52 -8.86	29.04 2.64 -9.71	28.42 2.50 -9.25	26.59 2.39 -8.06	26.59 2.36 -8.46	26.39 2.39 -7.98	26.81 2.36 -8.44	27.89 2.58 -8.46	30.04 2.99 -8.79	30.61 3.13 -8.42	33.67 3.44 -9.15	35.52 3.84 -9.46	29.38 3.29 -5.11	24.95 2.75 -4.55	21.80 2.31 -3.48
WADING RIVER_IC_3 23601	21.07 1.12 -12.50	19.52 0.93 -12.27	18.39 0.62 -13.34	18.51 0.67 -12.76	18.28 0.80 -11.42	20.93 1.04 -12.42	26.52 2.14 -11.09	30.43 2.67 -11.75	27.77 2.51 -8.97	27.76 2.52 -8.86	29.04 2.64 -9.71	28.42 2.50 -9.25	26.59 2.39 -8.06	26.59 2.36 -8.46	26.39 2.39 -7.98	26.81 2.36 -8.44	27.89 2.58 -8.46	30.04 2.99 -8.79	30.61 3.13 -8.42	33.67 3.44 -9.15	35.52 3.84 -9.46	29.38 3.29 -5.11	24.95 2.75 -4.55	21.80 2.31 -3.48
WALDEN___HYDRO 24148	20.10 0.59 -12.05	18.84 0.52 -12.00	17.83 0.37 -13.03	17.96 0.41 -12.47	17.67 0.45 -11.16	20.19 0.58 -12.13	25.19 1.14 -10.76	28.76 1.31 -11.44	26.25 1.40 -8.56	26.14 1.44 -8.31	27.16 1.50 -8.97	25.49 1.47 -7.34	24.92 1.42 -7.36	23.44 1.42 -6.26	23.20 1.43 -5.76	23.21 1.43 -5.76	25.20 1.52 -6.83	28.14 1.62 -8.26	28.57 1.68 -7.83	31.92 1.94 -8.90	33.52 2.09 -9.21	27.87 1.93 -4.97	22.32 1.45 -3.23	20.45 1.15 -3.28
WARRENSBURG___ 23737	24.31 0.49 -16.36	22.98 0.37 -16.28	22.40 0.28 -17.69	22.37 0.37 -16.93	21.70 0.49 -15.15	24.51 0.57 -16.47	29.21 1.13 -14.79	33.12 1.39 -15.72	29.98 1.71 -11.97	29.67 1.65 -11.63	30.99 1.75 -12.54	28.65 1.70 -10.28	27.96 1.63 -10.19	25.85 1.42 -8.67	25.40 1.41 -7.98	25.36 1.36 -7.98	27.73 1.45 -9.43	31.27 1.66 -11.35	31.57 1.75 -10.75	35.38 2.07 -12.23	36.95 2.09 -12.65	29.68 1.89 -6.82	23.67 1.59 -4.44	21.66 1.14 -4.51
WATERSIDE___6 8 9 23538	25.30 0.75 -17.08	19.33 0.65 -12.36	18.27 0.46 -13.38	18.41 0.52 -12.81	18.10 0.60 -11.44	20.67 0.76 -12.44	26.99 1.44 -12.26	29.51 1.73 -11.77	31.69 1.79 -13.61	35.39 1.85 -17.16	35.26 1.92 -16.65	36.79 1.88 -18.23	35.92 1.84 -17.94	36.45 1.81 -18.87	37.32 1.84 -19.46	36.42 1.83 -18.58	35.94 1.94 -17.15	36.09 2.10 -15.74	33.86 2.17 -12.62	33.40 2.49 -9.83	34.36 2.66 -9.48	29.19 2.45 -5.76	27.52 1.91 -7.98	24.18 1.52 -6.64
WDELAWARE___HYD 323627	19.41 0.63 -11.33	18.14 0.54 -11.28	17.07 0.39 -12.25	17.24 0.44 -11.72	17.03 0.48 -10.49	19.50 0.62 -11.40	24.63 1.21 -10.13	28.18 1.39 -10.78	25.74 1.63 -7.82	25.63 1.65 -7.60	26.58 1.70 -8.19	25.05 1.67 -6.71	24.46 1.60 -6.72	23.08 1.59 -5.72	22.90 1.62 -5.26	22.88 1.60 -5.26	24.83 1.74 -6.24	27.74 1.70 -7.78	28.19 1.75 -7.37	31.53 2.07 -8.38	33.09 2.20 -8.68	27.66 2.01 -4.68	22.19 1.50 -3.04	20.32 1.22 -3.09
WEST BABYLON___IC 23714	21.01 1.06 -12.50	19.45 0.85 -12.27	18.33 0.56 -13.34	18.45 0.61 -12.76	18.21 0.73 -11.42	20.86 0.97 -12.42	26.40 2.02 -11.09	30.29 2.53 -11.75	27.74 2.48 -8.97	27.76 2.52 -8.86	28.96 2.55 -9.71	28.44 2.52 -9.25	26.62 2.42 -8.06	26.62 2.40 -8.46	26.42 2.42 -7.98	26.83 2.37 -8.44	27.89 2.58 -8.46	29.88 2.85 -8.78	30.43 2.96 -8.41	33.59 3.35 -9.15	35.30 3.62 -9.46	29.34 3.25 -5.11	24.69 2.68 -4.37	21.67 2.18 -3.48
WEST CANADA___HYD 24049	7.48 0.02 0.00	6.33 0.01 0.00	4.44 0.01 0.00	5.09 0.02 0.00	6.08 0.02 0.00	7.50 0.02 0.00	13.34 0.05 0.00	16.07 0.06 0.00	16.36 0.07 0.00	16.45 0.07 0.00	16.77 0.08 0.00	16.76 0.08 0.00	16.20 0.06 0.00	15.83 0.06 0.00	16.08 0.06 0.00	16.08 0.06 0.00	16.94 0.08 0.00	18.35 0.09 0.00	19.18 0.12 0.00	21.23 0.15 0.00	22.34 0.16 0.03	21.10 0.13 0.00	17.73 0.09 0.00	16.09 0.08 0.00
WESTERN_NY_WIND 24143	9.70 -0.01 -2.24	8.53 -0.02 -2.23	6.92 0.05 -2.43	7.48 0.07 -2.33	8.16 0.02 -2.08	9.78 0.05 -2.26	15.41 0.12 -2.00	17.14 0.03 -1.10	16.83 -0.15 -0.68	16.88 -0.13 -0.63	16.88 -0.02 -0.20	16.80 -0.05 -0.17	16.23 -0.19 -0.29	15.80 -0.14 -0.17	16.01 -0.18 -0.16	16.13 -0.30 -0.41	16.93 -0.22 -0.29	17.70 -0.26 0.30	18.54 0.00 0.53	20.74 0.15 0.50	21.56 0.11 0.76	21.04 -0.08 -0.15	17.78 -0.46 -0.60	16.19 -0.43 -0.61



WESTOVER____LESR 323668	12.95 0.25 -5.23	11.75 0.22 -5.21	10.26 0.17 -5.66	10.69 0.20 -5.41	11.13 0.22 -4.85	13.01 0.27 -5.27	18.53 0.53 -4.70	22.23 0.62 -5.60	20.71 0.57 -3.85	20.69 0.57 -3.74	21.35 0.63 -4.03	20.59 0.62 -3.30	19.98 0.53 -3.30	19.12 0.54 -2.81	19.15 0.54 -2.59	19.12 0.51 -2.59	20.51 0.59 -3.07	24.06 0.64 -5.16	24.67 0.76 -4.84	27.65 0.93 -5.64	29.31 1.00 -6.09	24.48 0.84 -2.67	19.61 0.55 -1.42	17.87 0.42 -1.44
WETHRSFD_WT_PWR 323626	10.62 0.15 -3.01	9.44 0.13 -3.00	7.83 0.15 -3.25	8.37 0.18 -3.11	8.98 0.13 -2.79	10.66 0.16 -3.03	16.36 0.36 -2.71	22.67 0.40 -6.26	22.01 0.28 -5.44	22.00 0.25 -5.38	24.47 0.37 -7.41	23.06 0.33 -6.05	22.01 0.19 -5.68	21.07 0.24 -5.07	20.88 0.22 -4.64	19.92 0.10 -3.80	22.29 0.27 -5.17	26.92 0.26 -8.41	28.21 0.53 -8.61	31.38 0.72 -9.58	33.66 0.67 -10.78	25.54 0.42 -4.15	18.48 0.02 -0.82	16.77 -0.08 -0.83
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.71 0.61 -11.64	18.43 0.53 -11.58	17.40 0.38 -12.58	17.54 0.42 -12.04	17.31 0.47 -10.78	19.79 0.60 -11.71	24.90 1.18 -10.42	28.44 1.34 -11.08	26.02 1.43 -8.30	25.92 1.47 -8.06	26.92 1.53 -8.69	25.30 1.50 -7.12	24.72 1.45 -7.13	23.28 1.45 -6.07	23.07 1.47 -5.58	23.06 1.46 -5.59	25.02 1.55 -6.62	27.92 1.66 -8.00	28.36 1.72 -7.58	31.68 1.98 -8.62	33.25 2.11 -8.93	27.75 1.97 -4.81	22.27 1.50 -3.13	20.39 1.20 -3.18
YORK____WARBASSE 23770	25.30 0.75 -17.08	19.33 0.64 -12.36	18.27 0.46 -13.38	18.43 0.54 -12.81	18.14 0.63 -11.44	20.69 0.78 -12.44	26.99 1.44 -12.26	29.52 1.75 -11.77	31.72 1.82 -13.61	35.42 1.88 -17.16	35.31 1.97 -16.65	36.84 1.93 -18.23	35.96 1.87 -17.94	36.49 1.86 -18.87	37.35 1.87 -19.46	36.45 1.86 -18.58	35.98 1.97 -17.15	36.13 2.14 -15.74	33.91 2.23 -12.62	33.46 2.55 -9.83	34.43 2.73 -9.48	29.25 2.52 -5.76	27.54 1.92 -7.98	24.19 1.54 -6.64