

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/26/2019

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	21.52	18.15	17.42	16.86	18.19	19.55	23.49	25.48	24.64	24.64	24.15	23.31	21.84	22.70	22.54	23.54	26.90	31.15	29.47	27.73	25.77	23.54	21.54	19.75
24138	1.03	0.85	0.83	0.83	0.82	1.01	1.93	2.59	2.64	2.62	2.66	2.53	2.51	2.61	2.61	2.67	2.90	3.09	2.92	2.84	2.76	2.50	2.22	1.57
	-9.90	-8.49	-7.98	-7.33	-8.97	-8.17	-3.31	0.00	0.00	0.00	0.00	-1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.25
74TH STREET_GT_1	21.54	18.15	17.42	16.86	18.19	19.55	23.49	25.46	24.62	24.64	24.15	23.31	21.84	22.70	22.54	23.54	26.90	31.15	29.47	27.73	25.77	23.54	21.56	19.75
24260	1.04	0.85	0.83	0.83	0.82	1.01	1.93	2.56	2.62	2.62	2.66	2.51	2.51	2.61	2.61	2.67	2.90	3.09	2.92	2.84	2.76	2.50	2.24	1.57
	-9.90	-8.49	-7.98	-7.33	-8.97	-8.17	-3.31	0.00	0.00	0.00	0.00	-1.18	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.26
74TH STREET_GT_2	21.54	18.15	17.42	16.86	18.19	19.55	23.49	25.46	24.62	24.64	24.15	23.31	21.84	22.70	22.54	23.54	26.90	31.15	29.47	27.73	25.77	23.54	21.56	19.75
24261	1.04	0.85	0.83	0.83	0.82	1.01	1.93	2.56	2.62	2.62	2.66	2.51	2.51	2.61	2.61	2.67	2.90	3.09	2.92	2.84	2.76	2.50	2.24	1.57
	-9.90	-8.49	-7.98	-7.33	-8.97	-8.17	-3.31	0.00	0.00	0.00	0.00	-1.18	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.26
ADK HUDSON___FALLS	25.42	21.57	20.63	19.81	21.85	22.85	24.72	25.26	24.33	24.61	24.08	23.82	21.68	22.46	22.28	23.25	26.59	30.98	29.34	27.33	25.22	23.08	20.88	20.61
24011	0.77	0.61	0.59	0.62	0.60	0.78	1.73	2.36	2.33	2.60	2.60	2.51	2.36	2.37	2.35	2.38	2.59	2.92	2.79	2.44	2.21	2.04	1.56	1.06
	-14.05	-12.16	-11.43	-10.50	-12.84	-11.70	-4.73	0.00	0.00	0.00	0.00	-1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.62
ADK RESOURCE___RCVRY	25.44	21.58	20.64	19.83	21.86	22.87	24.78	25.35	24.42	24.72	24.19	23.92	21.76	22.52	22.34	23.31	26.68	31.12	29.45	27.40	25.29	23.14	20.90	20.63
23798	0.77	0.61	0.59	0.63	0.60	0.79	1.79	2.45	2.42	2.71	2.71	2.61	2.44	2.43	2.41	2.44	2.69	3.06	2.89	2.51	2.28	2.10	1.58	1.08
	-14.07	-12.18	-11.44	-10.51	-12.86	-11.71	-4.74	0.00	0.00	0.00	0.00	-1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.62
ADK S GLENS___FALLS	25.42	21.57	20.63	19.81	21.85	22.85	24.72	25.26	24.33	24.61	24.08	23.82	21.68	22.46	22.28	23.25	26.59	30.98	29.34	27.33	25.22	23.08	20.88	20.61
24028	0.77	0.61	0.59	0.62	0.60	0.78	1.73	2.36	2.33	2.60	2.60	2.51	2.36	2.37	2.35	2.38	2.59	2.92	2.79	2.44	2.21	2.04	1.56	1.06
	-14.05	-12.16	-11.43	-10.50	-12.84	-11.70	-4.73	0.00	0.00	0.00	0.00	-1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.62
ADK_NYS___DAM	24.82	21.06	20.16	19.38	21.27	22.38	24.62	25.42	24.53	24.55	24.04	23.58	21.63	22.46	22.30	23.35	26.73	31.12	29.45	27.58	25.54	23.37	21.31	20.73
23527	1.00	0.81	0.80	0.81	0.78	1.00	1.92	2.52	2.53	2.53	2.56	2.37	2.30	2.37	2.37	2.48	2.73	3.06	2.89	2.69	2.53	2.34	1.99	1.43
	-13.23	-11.44	-10.75	-9.88	-12.08	-11.00	-4.45	0.00	0.00	0.00	0.00	-1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.36
AIR_PRODUCTS___DRP	24.25	20.59	19.70	18.93	20.82	21.83	23.46	23.79	23.21	23.23	22.71	22.33	20.43	21.21	21.06	22.08	25.00	29.16	27.61	25.86	23.93	22.13	20.21	19.88
24190	0.55	0.45	0.44	0.45	0.45	0.55	0.80	0.89	1.21	1.21	1.22	1.14	1.10	1.12	1.14	1.21	1.01	1.09	1.06	0.97	0.92	1.09	0.89	0.60
	-13.10	-11.34	-10.65	-9.79	-11.97	-10.90	-4.41	0.00	0.00	0.00	0.00	-1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.35
ALBANY___1	24.25	20.59	19.70	18.93	20.82	21.83	23.46	23.79	23.21	23.23	22.71	22.33	20.43	21.21	21.06	22.08	25.00	29.16	27.61	25.86	23.93	22.13	20.21	19.88
23571	0.55	0.45	0.44	0.45	0.45	0.55	0.80	0.89	1.21	1.21	1.22	1.14	1.10	1.12	1.14	1.21	1.01	1.09	1.06	0.97	0.92	1.09	0.89	0.60
	-13.10	-11.34	-10.65	-9.79	-11.97	-10.90	-4.41	0.00	0.00	0.00	0.00	-1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.35
ALBANY___2	24.25	20.59	19.70	18.93	20.82	21.83	23.46	23.79	23.21	23.23	22.71	22.33	20.43	21.21	21.06	22.08	25.00	29.16	27.61	25.86	23.93	22.13	20.21	19.88
23572	0.55	0.45	0.44	0.45	0.45	0.55	0.80	0.89	1.21	1.21	1.22	1.14	1.10	1.12	1.14	1.21	1.01	1.09	1.06	0.97	0.92	1.09	0.89	0.60
	-13.10	-11.34	-10.65	-9.79	-11.97	-10.90	-4.41	0.00	0.00	0.00	0.00	-1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.35
ALBANY___3	24.25	20.59	19.70	18.93	20.82	21.83	23.46	23.79	23.21	23.23	22.71	22.33	20.43	21.21	21.06	22.08	25.00	29.16	27.61	25.86	23.93	22.13	20.21	19.88
23573	0.55	0.45	0.44	0.45	0.45	0.55	0.80	0.89	1.21	1.21	1.22	1.14	1.10	1.12	1.14	1.21	1.01	1.09	1.06	0.97	0.92	1.09	0.89	0.60
	-13.10	-11.34	-10.65	-9.79	-11.97	-10.90	-4.41	0.00	0.00	0.00	0.00	-1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.35
ALBANY___4	24.25	20.59	19.70	18.93	20.82	21.83	23.46	23.79	23.21	23.23	22.71	22.33	20.43	21.21	21.06	22.08	25.00	29.16	27.61	25.86	23.93	22.13	20.21	19.88
23574	0.55	0.45	0.44	0.45	0.45	0.55	0.80	0.89	1.21	1.21	1.22	1.14	1.10	1.12	1.14	1.21	1.01	1.09	1.06	0.97	0.92	1.09	0.89	0.60
	-13.10	-11.34	-10.65	-9.79	-11.97	-10.90	-4.41	0.00	0.00	0.00	0.00	-1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.35



ALBANY___LFGF 323615	24.56 0.64 -13.33	20.86 0.52 -11.53	19.95 0.51 -10.84	19.17 0.52 -9.96	21.09 0.50 -12.18	22.10 0.63 -11.09	23.78 1.04 -4.49	24.13 1.24 0.00	23.50 1.50 0.00	23.54 1.52 0.00	23.01 1.53 0.00	22.64 1.41 -1.61	20.68 1.35 0.00	21.47 1.38 0.00	21.30 1.37 0.00	22.35 1.48 0.00	25.36 1.37 0.00	29.58 1.51 0.00	28.01 1.46 0.00	26.21 1.32 0.00	24.25 1.24 0.00	22.39 1.35 0.00	20.42 1.10 0.00	20.09 0.75 -4.41
ALCOA_RYNLDS___DRP 24188	10.16 -0.43 0.00	8.42 -0.38 0.00	8.23 -0.38 0.00	8.31 -0.38 0.00	8.02 -0.39 0.00	9.87 -0.51 0.00	17.06 -1.19 0.00	21.41 -1.49 0.00	20.48 -1.52 0.00	20.48 -1.54 0.00	19.85 -1.63 0.00	18.06 -1.55 0.00	17.78 -1.55 0.00	18.56 -1.53 0.00	18.45 -1.47 0.00	19.39 -1.48 0.00	22.31 -1.68 0.00	26.27 -1.80 0.00	24.90 -1.65 0.00	23.35 -1.54 0.00	21.49 -1.52 0.00	19.71 -1.32 0.00	18.06 -1.26 0.00	14.26 -0.67 0.00
ALCOA___DSASP 323711	10.16 -0.43 0.00	8.42 -0.38 0.00	8.23 -0.38 0.00	8.31 -0.38 0.00	8.02 -0.39 0.00	9.87 -0.51 0.00	17.06 -1.19 0.00	21.41 -1.49 0.00	20.48 -1.52 0.00	20.48 -1.54 0.00	19.85 -1.63 0.00	18.06 -1.55 0.00	17.78 -1.55 0.00	18.56 -1.53 0.00	18.45 -1.47 0.00	19.39 -1.48 0.00	22.31 -1.68 0.00	26.27 -1.80 0.00	24.90 -1.65 0.00	23.35 -1.54 0.00	21.49 -1.52 0.00	19.71 -1.32 0.00	18.06 -1.26 0.00	14.26 -0.67 0.00
ALLEGHENY___COGEN 23514	12.77 0.58 -1.59	10.59 0.41 -1.38	10.31 0.40 -1.30	10.31 0.43 -1.19	10.33 0.46 -1.46	12.42 0.72 -1.33	20.19 1.41 -0.54	25.01 2.11 -0.01	23.77 1.76 -0.01	24.95 1.85 -1.09	24.31 1.91 -0.92	22.58 1.71 -1.26	21.91 1.74 -0.84	22.52 1.75 -0.68	22.05 1.77 -0.35	23.14 1.77 -0.50	27.08 2.42 -0.67	32.89 3.17 -1.65	30.25 2.84 -0.86	27.43 2.54 0.00	25.36 2.35 0.00	22.77 1.73 0.00	20.63 1.31 0.00	16.21 0.75 -0.53
ALTONA_WT_PWR 323606	10.50 -0.10 0.00	8.66 -0.14 0.00	8.42 -0.19 0.00	8.50 -0.19 0.00	8.18 -0.23 0.00	10.05 -0.32 0.00	17.48 -0.77 0.00	21.94 -0.96 0.00	20.81 -1.19 0.00	20.90 -1.12 0.00	20.13 -1.35 0.00	18.18 -1.43 0.00	17.82 -1.51 0.00	18.64 -1.45 0.00	18.67 -1.25 0.00	19.74 -1.13 0.00	22.79 -1.20 0.00	27.08 -0.98 0.00	25.78 -0.77 0.00	24.22 -0.67 0.00	22.32 -0.69 0.00	20.51 -0.53 0.00	18.80 -0.52 0.00	14.74 -0.19 0.00
AMERICAN_REF_FUEL 24010	12.09 0.00 -1.50	10.05 -0.05 -1.30	9.83 0.00 -1.22	9.83 0.02 -1.12	9.83 0.05 -1.37	11.77 0.15 -1.25	18.74 -0.02 -0.51	23.11 0.25 0.04	21.96 0.00 0.04	19.99 0.09 2.12	19.99 0.30 1.79	18.01 0.29 1.90	18.01 0.33 1.65	18.99 0.24 1.34	19.50 0.28 0.70	20.01 0.13 0.98	26.04 0.36 -1.69	32.78 0.53 -4.19	29.05 0.32 -2.18	25.24 0.35 0.00	23.38 0.37 0.00	21.02 -0.02 0.00	19.12 -0.19 0.00	15.09 -0.34 -0.50
ARKWRIGHT___SUMMIT_WT_PWR 323751	12.85 0.57 -1.68	10.62 0.37 -1.45	10.38 0.41 -1.36	10.38 0.43 -1.25	10.41 0.47 -1.53	12.53 0.76 -1.40	20.17 1.35 -0.58	24.93 1.99 -0.04	23.76 1.72 -0.04	29.04 1.87 -5.15	27.97 2.13 -4.36	26.84 1.96 -5.26	25.32 1.99 -4.00	25.29 1.97 -3.24	23.67 2.07 -1.67	25.22 1.98 -2.36	29.18 2.62 -2.57	37.59 3.14 -6.39	32.58 2.71 -3.32	27.38 2.49 0.00	25.33 2.32 0.00	22.70 1.66 0.00	20.53 1.22 0.00	16.20 0.72 -0.55
ARTHUR_KILL_GT_1 23520	21.68 1.19 -9.90	18.26 0.97 -8.49	17.52 0.93 -7.98	16.94 0.91 -7.33	18.27 0.90 -8.97	19.61 1.07 -8.17	23.60 2.04 -3.31	25.60 2.70 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.96 2.63 0.00	22.84 2.75 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.07 3.07 0.00	31.32 3.25 0.00	29.66 3.10 0.00	27.97 3.09 0.00	26.00 2.99 0.00	23.77 2.73 0.00	21.76 2.43 -0.01	19.93 1.75 -3.26
ARTHUR_KILL_2 23512	21.65 1.16 -9.90	18.24 0.94 -8.49	17.49 0.90 -7.98	16.92 0.90 -7.33	18.26 0.88 -8.97	19.59 1.05 -8.17	23.54 1.99 -3.31	25.53 2.63 0.00	24.64 2.64 0.00	24.66 2.64 0.00	24.17 2.69 0.00	23.37 2.57 -1.18	21.90 2.57 0.00	22.78 2.69 0.00	22.60 2.67 -0.01	23.62 2.75 0.00	26.99 3.00 0.00	31.20 3.14 0.00	29.58 3.03 0.00	27.87 2.99 0.00	25.93 2.92 0.00	23.71 2.67 0.00	21.70 2.38 -0.01	19.89 1.70 -3.26
ARTHUR_KILL_3 23513	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.54 1.00 -8.17	23.45 1.90 -3.31	25.39 2.50 0.00	24.55 2.55 0.00	24.57 2.55 0.00	24.10 2.62 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.52 2.65 0.00	26.82 2.83 0.00	31.04 2.97 0.00	29.36 2.81 0.00	27.65 2.76 0.00	25.75 2.74 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.75 1.57 -3.26
ARTHUR_KILL_COGEN 323718	21.68 1.19 -9.90	18.26 0.97 -8.49	17.52 0.93 -7.98	16.94 0.91 -7.33	18.27 0.90 -8.97	19.61 1.07 -8.17	23.60 2.04 -3.31	25.60 2.70 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.96 2.63 0.00	22.84 2.75 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.07 3.07 0.00	31.32 3.25 0.00	29.66 3.10 0.00	27.97 3.09 0.00	26.00 2.99 0.00	23.77 2.73 0.00	21.76 2.43 -0.01	19.93 1.75 -3.26
ASHOKAN____ 23654	22.28 0.87 -10.81	18.91 0.75 -9.36	18.11 0.71 -8.80	17.49 0.71 -8.08	19.02 0.72 -9.89	20.22 0.84 -9.00	23.51 1.62 -3.64	24.41 1.51 0.00	23.34 1.34 0.00	23.34 1.32 0.00	22.73 1.25 0.00	22.00 1.08 -1.31	20.41 1.08 0.00	21.13 1.04 0.00	21.02 1.10 0.00	22.12 1.25 0.00	25.55 1.56 0.00	29.94 1.88 0.00	28.38 1.83 0.00	26.51 1.62 0.00	24.35 1.33 0.00	22.26 1.22 0.00	20.28 0.97 0.00	19.69 1.17 -3.59
ASTORIA_EAST_ENERGY_CC1 323581	21.63 1.12 -9.91	18.22 0.92 -8.50	17.48 0.89 -7.99	16.91 0.88 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.07 2.60 0.01	23.28 2.49 -1.18	21.79 2.47 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.86 2.81 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.67 2.63 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_EAST_ENERGY_CC2 323582	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.07 2.60 0.01	23.28 2.49 -1.18	21.79 2.47 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.86 2.81 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.67 2.63 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT2_I 24094	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26



ASTORIA_GT2_2 24095	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT2_3 24096	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT2_4 24097	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT3_1 24098	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT3_2 24099	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT3_3 24100	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT3_4 24101	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT4_1 24102	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT4_2 24103	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT4_3 24104	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT4_4 24105	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA_GT_1 23523	21.65 1.14 -9.91	18.24 0.93 -8.50	17.50 0.90 -7.99	16.93 0.90 -7.34	18.26 0.88 -8.98	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.51 2.51 0.00	24.66 2.64 0.00	24.14 2.66 0.01	23.32 2.53 -1.18	21.85 2.53 0.01	22.71 2.63 0.01	22.58 2.65 -0.01	23.62 2.75 0.00	26.82 2.83 0.01	30.94 2.89 0.01	29.33 2.79 0.01	27.70 2.81 0.00	25.89 2.88 0.00	23.73 2.69 0.00	21.64 2.32 -0.01	19.84 1.66 -3.26
ASTORIA_GT_10 24110	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.60 2.59 0.00	24.66 2.64 0.00	24.15 2.66 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.58 2.65 -0.01	23.60 2.73 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.63 2.59 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26
ASTORIA_GT_11 24225	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.60 2.59 0.00	24.66 2.64 0.00	24.15 2.66 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.58 2.65 -0.01	23.60 2.73 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.63 2.59 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26
ASTORIA_GT_12 24226	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.60 2.59 0.00	24.66 2.64 0.00	24.15 2.66 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.58 2.65 -0.01	23.60 2.73 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.63 2.59 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26



ASTORIA_GT_13 24227	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.60 2.59 0.00	24.66 2.64 0.00	24.15 2.66 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.58 2.65 -0.01	23.60 2.73 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.63 2.59 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26
ASTORIA_GT_5 24106	21.65 1.14 -9.91	18.24 0.93 -8.50	17.50 0.90 -7.99	16.93 0.90 -7.34	18.26 0.88 -8.98	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.51 2.51 0.00	24.66 2.64 0.00	24.14 2.66 0.01	23.32 2.53 -1.18	21.85 2.53 0.01	22.71 2.63 0.01	22.58 2.65 -0.01	23.62 2.75 0.00	26.82 2.83 0.01	30.94 2.89 0.01	29.33 2.79 0.01	27.70 2.81 0.00	25.89 2.88 0.00	23.73 2.69 0.00	21.64 2.32 -0.01	19.84 1.66 -3.26
ASTORIA_GT_7 24107	21.65 1.14 -9.91	18.24 0.93 -8.50	17.50 0.90 -7.99	16.93 0.90 -7.34	18.26 0.88 -8.98	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.51 2.51 0.00	24.66 2.64 0.00	24.14 2.66 0.01	23.32 2.53 -1.18	21.85 2.53 0.01	22.71 2.63 0.01	22.58 2.65 -0.01	23.62 2.75 0.00	26.82 2.83 0.01	30.94 2.89 0.01	29.33 2.79 0.01	27.70 2.81 0.00	25.89 2.88 0.00	23.73 2.69 0.00	21.64 2.32 -0.01	19.84 1.66 -3.26
ASTORIA_GT_8 24108	21.65 1.14 -9.91	18.24 0.93 -8.50	17.50 0.90 -7.99	16.93 0.90 -7.34	18.26 0.88 -8.98	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.51 2.51 0.00	24.66 2.64 0.00	24.14 2.66 0.01	23.32 2.53 -1.18	21.85 2.53 0.01	22.71 2.63 0.01	22.58 2.65 -0.01	23.62 2.75 0.00	26.82 2.83 0.01	30.94 2.89 0.01	29.33 2.79 0.01	27.70 2.81 0.00	25.89 2.88 0.00	23.73 2.69 0.00	21.64 2.32 -0.01	19.84 1.66 -3.26
ASTORIA___2 24149	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA___3 23516	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.60 2.59 0.00	24.66 2.64 0.00	24.15 2.66 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.58 2.65 -0.01	23.60 2.73 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.63 2.59 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26
ASTORIA___4 23517	21.63 1.12 -9.91	18.23 0.92 -8.50	17.48 0.89 -7.99	16.92 0.89 -7.34	18.25 0.87 -8.98	19.53 0.99 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.10 2.62 0.01	23.28 2.49 -1.18	21.81 2.49 0.01	22.67 2.59 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.74 2.76 0.01	30.89 2.83 0.01	29.25 2.71 0.01	27.63 2.74 0.00	25.84 2.83 0.00	23.69 2.65 0.00	21.60 2.28 -0.01	19.81 1.63 -3.26
ASTORIA___5 23518	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.60 2.59 0.00	24.66 2.64 0.00	24.15 2.66 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.58 2.65 -0.01	23.60 2.73 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.63 2.59 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26
AST_ENERGY_2_CC3 323677	21.52 1.03 -9.90	18.15 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.55 1.01 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.59 2.57 0.00	24.10 2.62 0.00	23.29 2.49 -1.18	21.80 2.47 0.00	22.68 2.59 0.00	22.52 2.59 -0.01	23.52 2.65 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.65 2.76 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.56 2.24 0.00	19.75 1.57 -3.26
AST_ENERGY_2_CC4 323678	21.52 1.03 -9.90	18.15 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.55 1.01 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.59 2.57 0.00	24.10 2.62 0.00	23.29 2.49 -1.18	21.80 2.47 0.00	22.68 2.59 0.00	22.52 2.59 -0.01	23.52 2.65 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.65 2.76 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.56 2.24 0.00	19.75 1.57 -3.26
ATHENS_STG_1 23668	22.55 0.60 -11.35	19.11 0.50 -9.80	18.32 0.50 -9.21	17.65 0.50 -8.46	19.25 0.49 -10.35	20.41 0.60 -9.43	23.20 1.13 -3.82	24.36 1.47 0.00	23.52 1.52 0.00	23.52 1.50 0.00	23.01 1.53 0.00	22.39 1.41 -1.37	20.74 1.41 0.00	21.53 1.45 0.00	21.38 1.45 0.00	22.37 1.50 0.00	25.63 1.63 0.00	29.83 1.77 0.00	28.22 1.67 0.00	26.48 1.59 0.00	24.53 1.52 0.00	22.45 1.41 0.00	20.55 1.24 0.00	19.57 0.88 -3.76
ATHENS_STG_2 23670	22.55 0.60 -11.35	19.11 0.50 -9.80	18.32 0.50 -9.21	17.65 0.50 -8.46	19.25 0.49 -10.35	20.41 0.60 -9.43	23.20 1.13 -3.82	24.36 1.47 0.00	23.52 1.52 0.00	23.52 1.50 0.00	23.01 1.53 0.00	22.39 1.41 -1.37	20.74 1.41 0.00	21.53 1.45 0.00	21.38 1.45 0.00	22.37 1.50 0.00	25.63 1.63 0.00	29.83 1.77 0.00	28.22 1.67 0.00	26.48 1.59 0.00	24.53 1.52 0.00	22.45 1.41 0.00	20.55 1.24 0.00	19.57 0.88 -3.76
ATHENS_STG_3 23677	22.55 0.60 -11.35	19.11 0.50 -9.80	18.32 0.50 -9.21	17.65 0.50 -8.46	19.25 0.49 -10.35	20.41 0.60 -9.43	23.20 1.13 -3.82	24.36 1.47 0.00	23.52 1.52 0.00	23.52 1.50 0.00	23.01 1.53 0.00	22.39 1.41 -1.37	20.74 1.41 0.00	21.53 1.45 0.00	21.38 1.45 0.00	22.37 1.50 0.00	25.63 1.63 0.00	29.83 1.77 0.00	28.22 1.67 0.00	26.48 1.59 0.00	24.53 1.52 0.00	22.45 1.41 0.00	20.55 1.24 0.00	19.57 0.88 -3.76
AUBURN___LFGE 323710	12.08 0.19 -1.29	10.06 0.13 -1.12	9.79 0.13 -1.05	9.79 0.13 -0.97	9.74 0.15 -1.18	11.69 0.24 -1.08	19.21 0.53 -0.44	23.65 0.75 0.00	22.64 0.64 0.00	22.66 0.64 0.00	22.13 0.64 0.00	20.36 0.59 -0.16	19.91 0.58 0.00	20.65 0.56 0.00	20.48 0.56 0.00	21.41 0.54 0.00	24.78 0.79 0.00	29.07 1.01 0.00	27.48 0.93 0.00	25.71 0.82 0.00	23.75 0.74 0.00	21.57 0.53 0.00	19.78 0.46 0.00	15.63 0.27 -0.43
BABYLON_RES_REC 323704	21.69 1.20 -9.90	18.33 1.03 -8.49	17.68 1.09 -7.98	17.13 1.10 -7.33	18.44 1.07 -8.97	19.95 1.39 -8.18	28.38 2.68 -7.45	37.88 3.50 -11.49	28.98 3.50 -3.48	26.40 3.48 -0.91	25.35 3.39 -0.47	24.45 3.10 -1.73	23.12 3.11 -0.68	23.99 3.29 -0.60	25.17 3.29 -1.95	31.09 3.36 -6.86	34.23 3.48 -6.76	39.34 3.73 -7.54	38.01 3.53 -7.93	35.96 3.38 -7.69	33.19 3.31 -6.86	32.13 3.22 -7.87	24.50 2.96 -2.23	20.46 2.07 -3.46



BARRETT_IC_1 23704	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_10 23701	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_11 23702	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_12 23703	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_2 23705	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_3 23706	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_4 23707	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_5 23708	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_6 23709	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_7 23710	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_8 23711	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT_IC_9 23700	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT__1 23545	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BARRETT__2 23546	21.60 1.06 -9.94	18.20 0.90 -8.50	17.55 0.96 -7.98	17.01 0.98 -7.33	18.33 0.95 -8.97	19.78 1.22 -8.18	28.44 2.34 -7.86	38.80 3.02 -12.88	37.31 3.04 -12.27	29.61 3.04 -4.55	29.66 2.99 -5.19	29.66 2.80 -7.24	29.66 2.80 -7.53	29.66 2.91 -6.66	29.66 2.89 -6.85	32.66 2.94 -8.85	33.95 3.19 -6.76	39.00 3.39 -7.54	37.69 3.21 -7.93	35.89 3.09 -7.92	33.77 3.01 -7.75	32.66 2.78 -8.84	29.66 2.61 -7.74	20.23 1.84 -3.46
BAYONEEC__CTG1 323682	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26



BAYONEEC___CTG10 323750	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26
BAYONEEC___CTG2 323683	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26
BAYONEEC___CTG3 323684	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26
BAYONEEC___CTG4 323685	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26
BAYONEEC___CTG5 323686	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26
BAYONEEC___CTG6 323687	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26
BAYONEEC___CTG7 323688	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26
BAYONEEC___CTG8 323689	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26
BAYONEEC___CTG9 323749	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.56 2.63 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26
BEACON___LESR 323632	24.30 0.65 -13.06	20.63 0.53 -11.30	19.74 0.52 -10.61	18.98 0.53 -9.75	20.85 0.51 -11.93	21.88 0.64 -10.86	23.72 1.08 -4.40	24.20 1.30 0.00	23.59 1.58 0.00	23.58 1.56 0.00	23.05 1.57 0.00	22.64 1.45 -1.58	20.72 1.39 0.00	21.49 1.41 0.00	21.34 1.41 0.00	22.39 1.52 0.00	25.43 1.44 0.00	29.66 1.60 0.00	28.09 1.54 0.00	26.28 1.39 0.00	24.32 1.31 0.00	22.43 1.39 0.00	20.46 1.14 0.00	20.05 0.79 -4.33
BEAVER RIVER___HYD 24048	10.64 -0.16 -0.20	8.82 -0.16 -0.17	8.59 -0.18 -0.16	8.67 -0.17 -0.15	8.41 -0.18 -0.18	10.34 -0.20 -0.17	18.04 -0.27 -0.07	22.69 -0.21 0.00	21.74 -0.26 0.00	21.71 -0.31 0.00	21.03 -0.45 0.00	19.19 -0.45 -0.02	18.90 -0.43 0.00	19.65 -0.44 0.00	19.49 -0.44 0.00	20.43 -0.44 0.00	23.63 -0.36 0.00	27.81 -0.25 0.00	26.34 -0.21 0.00	24.69 -0.20 0.00	22.71 -0.30 0.00	20.72 -0.32 0.00	18.97 -0.35 0.00	14.79 -0.21 -0.06
BEEBEE_GT_13 23619	11.91 0.13 -1.18	9.88 0.05 -1.03	9.64 0.07 -0.97	9.67 0.09 -0.89	9.60 0.11 -1.09	11.57 0.21 -0.99	18.98 0.33 -0.40	23.51 0.62 0.00	22.40 0.40 0.00	22.50 0.48 0.00	22.06 0.58 0.00	20.27 0.51 -0.14	19.87 0.54 0.00	20.59 0.50 0.00	20.42 0.50 0.00	21.33 0.46 0.00	24.74 0.74 0.00	29.13 1.07 0.00	27.45 0.90 0.00	25.66 0.77 0.00	23.73 0.71 0.00	21.46 0.42 0.00	19.59 0.27 0.00	15.36 0.03 -0.39
BETHLEHEM___GRP 23843	24.25 0.55 -13.10	20.59 0.45 -11.34	19.70 0.44 -10.65	18.93 0.45 -9.79	20.82 0.45 -11.97	21.83 0.55 -10.90	23.46 0.80 -4.41	23.79 0.89 0.00	23.21 1.21 0.00	23.23 1.21 0.00	22.71 1.22 0.00	22.33 1.14 -1.58	20.43 1.10 0.00	21.21 1.12 0.00	21.06 1.14 0.00	22.08 1.21 0.00	25.00 1.01 0.00	29.16 1.09 0.00	27.61 1.06 0.00	25.86 0.97 0.00	23.93 0.92 0.00	22.13 1.09 0.00	20.21 0.89 0.00	19.88 0.60 -4.35
BETHLEHEM___GS1 323560	24.25 0.55 -13.10	20.59 0.45 -11.34	19.70 0.44 -10.65	18.93 0.45 -9.79	20.82 0.45 -11.97	21.83 0.55 -10.90	23.46 0.80 -4.41	23.79 0.89 0.00	23.21 1.21 0.00	23.23 1.21 0.00	22.71 1.22 0.00	22.33 1.14 -1.58	20.43 1.10 0.00	21.21 1.12 0.00	21.06 1.14 0.00	22.08 1.21 0.00	25.00 1.01 0.00	29.16 1.09 0.00	27.61 1.06 0.00	25.86 0.97 0.00	23.93 0.92 0.00	22.13 1.09 0.00	20.21 0.89 0.00	19.88 0.60 -4.35
BETHLEHEM___GS2 323561	24.25 0.55 -13.10	20.59 0.45 -11.34	19.70 0.44 -10.65	18.93 0.45 -9.79	20.82 0.45 -11.97	21.83 0.55 -10.90	23.46 0.80 -4.41	23.79 0.89 0.00	23.21 1.21 0.00	23.23 1.21 0.00	22.71 1.22 0.00	22.33 1.14 -1.58	20.43 1.10 0.00	21.21 1.12 0.00	21.06 1.14 0.00	22.08 1.21 0.00	25.00 1.01 0.00	29.16 1.09 0.00	27.61 1.06 0.00	25.86 0.97 0.00	23.93 0.92 0.00	22.13 1.09 0.00	20.21 0.89 0.00	19.88 0.60 -4.35



BETHLEHEM___GS3 323562	24.25 0.55 -13.10	20.59 0.45 -11.34	19.70 0.44 -10.65	18.93 0.45 -9.79	20.82 0.45 -11.97	21.83 0.55 -10.90	23.46 0.80 -4.41	23.79 0.89 0.00	23.21 1.21 0.00	23.23 1.21 0.00	22.71 1.22 0.00	22.33 1.14 -1.58	20.43 1.10 0.00	21.21 1.12 0.00	21.06 1.14 0.00	22.08 1.21 0.00	25.00 1.01 0.00	29.16 1.09 0.00	27.61 1.06 0.00	25.86 0.97 0.00	23.93 0.92 0.00	22.13 1.09 0.00	20.21 0.89 0.00	19.88 0.60 -4.35
BETHLEHEM___STEEL 23779	12.70 0.49 -1.61	10.51 0.32 -1.39	10.27 0.36 -1.31	10.28 0.38 -1.20	10.29 0.41 -1.47	12.35 0.62 -1.35	19.77 0.97 -0.56	24.41 1.47 -0.05	23.24 1.19 -0.05	29.06 1.28 -5.77	27.82 1.46 -4.88	26.82 1.35 -5.86	25.18 1.37 -4.48	25.01 1.30 -3.62	23.17 1.37 -1.87	24.77 1.25 -2.65	28.61 1.73 -2.89	37.37 2.13 -7.17	32.09 1.81 -3.73	26.56 1.67 -0.01	24.60 1.59 0.00	22.07 1.03 0.00	20.05 0.73 0.00	15.84 0.37 -0.53
BETHPAGE_CC_5 323564	21.64 1.14 -9.90	18.27 0.98 -8.49	17.63 1.04 -7.98	17.08 1.05 -7.33	18.39 1.02 -8.97	19.88 1.32 -8.18	28.07 2.54 -7.29	37.27 3.32 -11.05	29.01 3.32 -3.69	26.35 3.32 -1.01	25.39 3.26 -0.64	24.56 3.02 -1.93	23.27 3.01 -0.93	24.08 3.17 -0.82	25.16 3.13 -2.10	31.00 3.21 -6.92	34.30 3.55 -6.76	39.48 3.87 -7.54	38.12 3.64 -7.93	36.10 3.51 -7.70	33.26 3.36 -6.89	32.01 3.07 -7.90	24.47 2.80 -2.35	20.37 1.99 -3.45
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.79 0.56 -1.63	10.59 0.38 -1.41	10.35 0.42 -1.32	10.35 0.44 -1.22	10.36 0.46 -1.49	12.44 0.70 -1.37	19.94 1.13 -0.56	24.62 1.67 -0.05	23.44 1.39 -0.05	29.76 1.48 -6.27	28.44 1.65 -5.30	27.50 1.53 -6.35	25.75 1.55 -4.87	25.51 1.49 -3.94	23.50 1.53 -2.04	25.17 1.42 -2.88	28.73 1.97 -2.77	37.32 2.38 -6.87	32.17 2.04 -3.58	26.79 1.89 -0.01	24.81 1.80 0.00	22.26 1.22 0.00	20.21 0.89 0.00	15.95 0.48 -0.54
BINGHAMTON___COGEN 23790	14.40 0.35 -3.46	12.08 0.27 -3.00	11.70 0.28 -2.82	11.56 0.28 -2.59	11.86 0.29 -3.17	13.65 0.38 -2.89	20.18 0.77 -1.17	23.93 1.03 0.00	22.95 0.95 0.00	23.10 0.95 -0.13	22.54 0.94 -0.11	21.05 0.88 -0.55	20.30 0.87 -0.10	21.05 0.88 -0.08	20.84 0.88 -0.04	21.83 0.90 -0.06	25.28 1.13 -0.16	29.78 1.32 -0.39	27.95 1.20 -0.21	26.01 1.12 0.00	24.07 1.06 0.00	21.88 0.84 0.00	20.03 0.72 0.00	16.57 0.49 -1.15
BLACK RIVER___HYD 24047	10.92 -0.07 -0.40	9.05 -0.10 -0.34	8.81 -0.12 -0.32	8.88 -0.11 -0.30	8.66 -0.11 -0.36	10.59 -0.11 -0.33	18.36 -0.02 -0.13	23.03 0.14 0.00	22.07 0.07 0.00	22.06 0.04 0.00	21.38 -0.11 0.00	19.50 -0.16 -0.05	19.23 -0.10 0.00	19.95 -0.14 0.00	19.81 -0.12 0.00	20.75 -0.12 0.00	24.02 0.02 0.00	28.31 0.25 0.00	26.82 0.27 0.00	25.11 0.22 0.00	23.10 0.09 0.00	21.00 -0.04 0.00	19.22 -0.10 0.00	14.99 -0.07 -0.13
BLISS_WT_PWR 323608	13.13 0.80 -1.73	10.87 0.58 -1.49	10.62 0.61 -1.40	10.62 0.64 -1.29	10.64 0.66 -1.57	12.77 0.95 -1.44	20.52 1.68 -0.59	25.30 2.36 -0.05	24.07 2.02 -0.05	29.43 2.09 -5.32	28.24 2.26 -4.50	27.10 2.06 -5.43	25.53 2.07 -4.13	25.44 2.01 -3.34	23.71 2.05 -1.73	25.27 1.96 -2.44	28.88 2.57 -2.32	36.89 3.06 -5.76	32.23 2.68 -3.00	27.41 2.51 0.00	25.38 2.37 0.00	22.78 1.75 0.00	20.65 1.33 0.00	16.34 0.84 -0.57
BLUE_CIRC_CHEM_DRP 24182	24.00 0.55 -12.85	20.37 0.45 -11.12	19.49 0.44 -10.45	18.74 0.44 -9.60	20.58 0.44 -11.74	21.61 0.54 -10.69	23.49 0.91 -4.33	24.00 1.10 0.00	23.28 1.28 0.00	23.29 1.28 0.00	22.77 1.29 0.00	22.36 1.20 -1.55	20.49 1.16 0.00	21.27 1.18 0.00	21.12 1.20 0.00	22.12 1.25 0.00	25.22 1.22 0.00	29.41 1.35 0.00	27.83 1.27 0.00	26.08 1.19 0.00	24.14 1.13 0.00	22.20 1.16 0.00	20.30 0.98 0.00	19.89 0.69 -4.27
BOC_GAS_DRP 24189	24.11 0.50 -13.02	20.48 0.41 -11.26	19.59 0.40 -10.58	18.82 0.41 -9.72	20.70 0.40 -11.89	21.70 0.50 -10.83	23.49 0.86 -4.38	23.95 1.05 0.00	23.19 1.19 0.00	23.21 1.19 0.00	22.69 1.20 0.00	22.30 1.12 -1.57	20.43 1.10 0.00	21.21 1.12 0.00	21.06 1.14 0.00	22.06 1.19 0.00	25.17 1.18 0.00	29.35 1.29 0.00	27.77 1.22 0.00	26.03 1.15 0.00	24.12 1.10 0.00	22.13 1.09 0.00	20.26 0.95 0.00	19.92 0.66 -4.34
BORALEX_4TH_BRANCH 23824	24.82 1.00 -13.23	21.06 0.81 -11.44	20.16 0.80 -10.75	19.38 0.81 -9.88	21.27 0.78 -12.08	22.38 1.00 -11.00	24.62 1.92 -4.45	25.42 2.52 0.00	24.53 2.53 0.00	24.55 2.53 0.00	24.04 2.56 0.00	23.58 2.37 -1.60	21.63 2.30 0.00	22.46 2.37 0.00	22.30 2.37 0.00	23.35 2.48 0.00	26.73 2.73 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.58 2.69 0.00	25.54 2.53 0.00	23.37 2.34 0.00	21.31 1.99 0.00	20.73 1.43 -4.36
BOWLINE___1 23526	21.34 0.87 -9.87	17.73 0.69 -8.24	17.02 0.68 -7.74	16.48 0.68 -7.11	17.76 0.66 -8.70	19.11 0.81 -7.92	23.02 1.57 -3.21	24.98 2.08 0.00	24.11 2.11 0.00	24.09 2.07 0.00	23.61 2.13 0.00	22.74 1.98 -1.15	21.32 1.99 0.00	22.16 2.07 0.00	22.00 2.07 0.00	23.00 2.13 0.00	26.35 2.35 0.00	30.56 2.50 0.00	28.89 2.34 0.00	27.18 2.29 0.00	25.22 2.21 0.00	23.04 2.00 0.00	21.07 1.76 0.00	19.34 1.25 -3.16
BOWLINE___2 23595	21.34 0.87 -9.88	17.73 0.69 -8.24	17.03 0.68 -7.74	16.48 0.68 -7.11	17.76 0.66 -8.70	19.11 0.81 -7.92	23.02 1.57 -3.21	24.98 2.08 0.00	24.11 2.11 0.00	24.09 2.07 0.00	23.61 2.13 0.00	22.74 1.98 -1.15	21.32 1.99 0.00	22.16 2.07 0.00	22.00 2.07 0.00	23.00 2.13 0.00	26.35 2.35 0.00	30.56 2.50 0.00	28.89 2.34 0.00	27.18 2.29 0.00	25.22 2.21 0.00	23.04 2.00 0.00	21.07 1.76 0.00	19.34 1.25 -3.16
BROOKHAVEN___DRP 24191	21.86 1.37 -9.90	18.50 1.21 -8.49	17.85 1.27 -7.98	17.31 1.29 -7.33	18.62 1.24 -8.97	20.18 1.62 -8.18	29.04 3.10 -7.69	39.05 4.03 -12.12	29.03 3.87 -3.16	26.61 3.85 -0.74	25.43 3.74 -0.21	24.30 3.26 -1.43	22.96 3.33 -0.31	23.97 3.61 -0.27	25.27 3.63 -1.72	31.46 3.82 -6.77	35.00 4.25 -6.76	40.21 4.60 -7.54	38.89 4.41 -7.93	36.80 4.23 -7.68	33.93 4.10 -6.82	32.60 3.72 -7.83	24.74 3.40 -2.03	20.80 2.40 -3.46
BROOKLYN_NAVY_YARD 23515	21.50 1.01 -9.90	18.13 0.84 -8.49	17.39 0.81 -7.98	16.83 0.81 -7.33	18.16 0.79 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.44 2.54 0.00	24.62 2.62 0.00	24.61 2.60 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.80 2.47 0.00	22.66 2.57 0.00	22.52 2.59 -0.01	23.52 2.65 0.00	26.85 2.85 0.00	31.07 3.00 0.00	29.42 2.87 0.00	27.68 2.79 0.00	25.75 2.74 0.00	23.50 2.46 0.00	21.54 2.22 0.00	19.74 1.55 -3.26
BROOKLYN___ARMY_DRP 323595	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26



BROOME_2_LFGE 323671	14.40 0.35 -3.46	12.08 0.27 -3.00	11.70 0.28 -2.82	11.56 0.28 -2.59	11.86 0.29 -3.17	13.65 0.38 -2.89	20.18 0.77 -1.17	23.93 1.03 0.00	22.95 0.95 0.00	23.10 0.95 -0.13	22.54 0.94 -0.11	21.05 0.88 -0.55	20.30 0.87 -0.10	21.05 0.88 -0.08	20.84 0.88 -0.04	21.83 0.90 -0.06	25.28 1.13 -0.16	29.78 1.32 -0.39	27.95 1.20 -0.21	26.01 1.12 0.00	24.07 1.06 0.00	21.88 0.84 0.00	20.03 0.72 0.00	16.57 0.49 -1.15
BROOME___LFGE 323600	14.40 0.35 -3.46	12.08 0.27 -3.00	11.70 0.28 -2.82	11.56 0.28 -2.59	11.86 0.29 -3.17	13.65 0.38 -2.89	20.18 0.77 -1.17	23.93 1.03 0.00	22.95 0.95 0.00	23.10 0.95 -0.13	22.54 0.94 -0.11	21.05 0.88 -0.55	20.30 0.87 -0.10	21.05 0.88 -0.08	20.84 0.88 -0.04	21.83 0.90 -0.06	25.28 1.13 -0.16	29.78 1.32 -0.39	27.95 1.20 -0.21	26.01 1.12 0.00	24.07 1.06 0.00	21.88 0.84 0.00	20.03 0.72 0.00	16.57 0.49 -1.15
BURROWS___LYONSDAL 23803	10.70 0.11 0.00	8.86 0.06 0.00	8.65 0.04 0.00	8.75 0.05 0.00	8.45 0.04 0.00	10.46 0.08 0.00	18.52 0.27 0.00	23.38 0.48 0.00	22.42 0.42 0.00	22.43 0.42 0.00	21.78 0.30 0.00	19.87 0.25 0.00	19.58 0.25 0.00	20.33 0.24 0.00	20.18 0.26 0.00	21.14 0.27 0.00	24.40 0.41 0.00	28.68 0.62 0.00	27.13 0.58 0.00	25.44 0.55 0.00	23.45 0.44 0.00	21.36 0.32 0.00	19.53 0.21 0.00	15.08 0.15 0.00
CAITHNESS_CC_1 323624	21.83 1.34 -9.90	18.48 1.18 -8.49	17.83 1.24 -7.98	17.29 1.26 -7.33	18.59 1.22 -8.97	20.15 1.59 -8.18	28.97 3.03 -7.69	38.96 3.94 -12.12	28.96 3.81 -3.15	26.52 3.76 -0.74	25.34 3.65 -0.21	24.26 3.22 -1.43	22.92 3.29 -0.31	23.91 3.56 -0.27	25.21 3.57 -1.72	31.37 3.74 -6.76	34.91 4.15 -6.76	40.07 4.46 -7.54	38.75 4.28 -7.93	36.68 4.11 -7.68	33.84 4.00 -6.82	32.49 3.62 -7.83	24.67 3.32 -2.03	20.74 2.34 -3.46
CALPINE BETH_PAGE_GT4 24209	21.63 1.13 -9.90	18.27 0.97 -8.49	17.61 1.02 -7.98	17.06 1.03 -7.33	18.38 1.01 -8.97	19.87 1.31 -8.18	27.90 2.52 -7.13	36.79 3.27 -10.62	29.18 3.30 -3.88	26.43 3.30 -1.12	25.54 3.24 -0.81	24.74 3.00 -2.13	23.50 3.00 -1.17	24.28 3.15 -1.04	25.29 3.11 -2.25	31.04 3.19 -6.98	34.30 3.55 -6.76	39.48 3.87 -7.54	38.12 3.64 -7.93	36.10 3.51 -7.70	33.29 3.36 -6.92	32.02 3.05 -7.93	24.57 2.78 -2.47	20.34 1.96 -3.45
CALPINE_BETH_PAGE_GT_4 323586	21.63 1.13 -9.90	18.27 0.97 -8.49	17.61 1.02 -7.98	17.06 1.03 -7.33	18.38 1.01 -8.97	19.87 1.31 -8.18	27.90 2.52 -7.13	36.79 3.27 -10.62	29.18 3.30 -3.88	26.43 3.30 -1.12	25.54 3.24 -0.81	24.74 3.00 -2.13	23.50 3.00 -1.17	24.28 3.15 -1.04	25.29 3.11 -2.25	31.04 3.19 -6.98	34.30 3.55 -6.76	39.48 3.87 -7.54	38.12 3.64 -7.93	36.10 3.51 -7.70	33.29 3.36 -6.92	32.02 3.05 -7.93	24.57 2.78 -2.47	20.34 1.96 -3.45
CALPINE_BP_GT1 23823	21.63 1.13 -9.90	18.27 0.97 -8.49	17.61 1.02 -7.98	17.06 1.03 -7.33	18.38 1.01 -8.97	19.87 1.31 -8.18	27.90 2.52 -7.13	36.79 3.27 -10.62	29.18 3.30 -3.88	26.43 3.30 -1.12	25.54 3.24 -0.81	24.74 3.00 -2.13	23.50 3.00 -1.17	24.28 3.15 -1.04	25.29 3.11 -2.25	31.04 3.19 -6.98	34.30 3.55 -6.76	39.48 3.87 -7.54	38.12 3.64 -7.93	36.10 3.51 -7.70	33.29 3.36 -6.92	32.02 3.05 -7.93	24.57 2.78 -2.47	20.34 1.96 -3.45
CALSPAN___DRP 24200	12.70 0.49 -1.61	10.51 0.32 -1.39	10.27 0.36 -1.31	10.28 0.38 -1.20	10.29 0.41 -1.47	12.35 0.62 -1.35	19.77 0.97 -0.56	24.41 1.47 -0.05	23.24 1.19 -0.05	29.06 1.28 -5.77	27.82 1.46 -4.88	26.82 1.35 -5.86	25.18 1.37 -4.48	25.01 1.30 -3.62	23.17 1.37 -1.87	24.77 1.25 -2.65	28.61 1.73 -2.89	37.37 2.13 -7.17	32.09 1.81 -3.73	26.56 1.67 -0.01	24.60 1.59 0.00	22.07 1.03 0.00	20.05 0.73 0.00	15.84 0.37 -0.53
CANDIGU_WT_PWR 323617	13.05 0.50 -1.95	10.84 0.34 -1.69	10.57 0.37 -1.59	10.54 0.38 -1.46	10.61 0.41 -1.79	12.63 0.62 -1.63	20.06 1.15 -0.66	24.61 1.69 -0.02	23.47 1.45 -0.02	25.67 1.50 -2.16	24.92 1.61 -1.82	23.46 1.49 -2.35	22.51 1.51 -1.68	22.93 1.49 -1.35	22.14 1.51 -0.70	23.32 1.46 -0.99	27.16 2.04 -1.13	33.33 2.47 -2.80	30.19 2.18 -1.46	26.88 1.99 0.00	24.85 1.84 0.00	22.34 1.30 0.00	20.28 0.97 0.00	16.13 0.55 -0.65
CARR STREET_E__SYR 24060	11.54 0.03 -0.91	9.60 0.01 -0.79	9.36 0.02 -0.74	9.39 0.02 -0.68	9.26 0.03 -0.83	11.21 0.07 -0.76	18.74 0.18 -0.31	23.13 0.23 0.00	22.16 0.16 0.00	22.19 0.18 0.00	21.68 0.19 0.00	19.90 0.18 -0.11	19.50 0.17 0.00	20.25 0.16 0.00	20.05 0.12 0.00	20.95 0.08 0.00	24.19 0.19 0.00	28.34 0.28 0.00	26.76 0.21 0.00	25.06 0.18 0.00	23.17 0.16 0.00	21.12 0.08 0.00	19.43 0.12 0.00	15.28 0.04 -0.30
CARTHAGE___PAPER 23857	10.83 -0.11 -0.34	8.97 -0.13 -0.30	8.74 -0.15 -0.28	8.81 -0.14 -0.26	8.58 -0.14 -0.31	10.51 -0.15 -0.28	18.23 -0.13 -0.12	22.90 0.00 0.00	21.91 -0.09 0.00	21.91 -0.11 0.00	21.23 -0.26 0.00	19.36 -0.29 -0.04	19.08 -0.25 0.00	19.81 -0.28 0.00	19.67 -0.26 0.00	20.60 -0.27 0.00	23.85 -0.14 0.00	28.09 0.03 0.00	26.60 0.05 0.00	24.94 0.05 0.00	22.94 -0.07 0.00	20.89 -0.15 0.00	19.11 -0.21 0.00	14.91 -0.13 -0.11
CE_DUNWOOD___DRP 24194	21.40 0.92 -9.89	18.04 0.77 -8.48	17.33 0.76 -7.96	16.77 0.76 -7.32	18.09 0.73 -8.95	19.43 0.90 -8.15	23.30 1.75 -3.30	25.21 2.31 0.00	24.36 2.36 0.00	24.33 2.31 0.00	23.85 2.36 0.00	23.01 2.22 -1.18	21.53 2.20 0.00	22.40 2.31 0.00	22.24 2.31 0.00	23.25 2.38 0.00	26.59 2.59 0.00	30.84 2.78 0.00	29.18 2.63 0.00	27.43 2.54 0.00	25.47 2.46 0.00	23.27 2.23 0.00	21.29 1.97 0.00	19.58 1.40 -3.25
CE_MILLWOOD___DRP 24193	21.32 0.88 -9.84	17.98 0.73 -8.44	17.26 0.72 -7.93	16.70 0.72 -7.29	18.02 0.70 -8.92	19.36 0.86 -8.12	23.21 1.68 -3.29	25.12 2.22 0.00	24.27 2.27 0.00	24.24 2.22 0.00	23.76 2.28 0.00	22.93 2.14 -1.18	21.45 2.13 0.00	22.30 2.21 0.00	22.14 2.21 0.00	23.15 2.28 0.00	26.49 2.50 0.00	30.73 2.67 0.00	29.07 2.52 0.00	27.33 2.44 0.00	25.38 2.37 0.00	23.19 2.15 0.00	21.21 1.89 0.00	19.51 1.34 -3.24
CE_NYC2_DRP 24202	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.49 1.93 -3.31	25.46 2.56 0.00	24.62 2.62 0.00	24.68 2.66 0.00	24.17 2.69 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.60 2.67 -0.01	23.60 2.73 0.00	26.92 2.93 0.00	31.09 3.03 0.00	29.45 2.89 0.00	27.77 2.89 0.00	25.82 2.81 0.00	23.63 2.59 0.00	21.60 2.28 -0.01	19.79 1.60 -3.26
CE_NYC_DRP 24195	21.54 1.04 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.49 1.93 -3.31	25.46 2.56 0.00	24.64 2.64 0.00	24.64 2.62 0.00	24.15 2.66 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.72 2.63 0.00	22.56 2.63 -0.01	23.56 2.69 0.00	26.90 2.90 0.00	31.15 3.09 0.00	29.47 2.92 0.00	27.73 2.84 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26



CHAFEE___LFGE 323603	12.86 0.59 -1.67	10.65 0.41 -1.44	10.40 0.44 -1.35	10.40 0.46 -1.24	10.41 0.49 -1.52	12.51 0.74 -1.39	20.02 1.20 -0.57	24.71 1.76 -0.05	23.50 1.45 -0.05	29.11 1.54 -5.55	27.92 1.74 -4.69	26.85 1.59 -5.65	25.24 1.60 -4.31	25.12 1.55 -3.48	23.34 1.61 -1.80	24.90 1.48 -2.55	28.65 2.04 -2.61	37.02 2.47 -6.49	32.05 2.12 -3.38	26.86 1.97 -0.01	24.87 1.86 0.00	22.32 1.28 0.00	20.24 0.93 0.00	15.99 0.51 -0.55
CHATEAUG_WT_PWR 323614	10.44 -0.16 0.00	8.62 -0.19 0.00	8.38 -0.22 0.00	8.47 -0.23 0.00	8.15 -0.26 0.00	10.01 -0.36 0.00	17.43 -0.82 0.00	21.84 -1.05 0.00	20.75 -1.25 0.00	20.83 -1.19 0.00	20.06 -1.42 0.00	18.16 -1.45 0.00	17.80 -1.53 0.00	18.62 -1.47 0.00	18.63 -1.29 0.00	19.68 -1.19 0.00	22.72 -1.27 0.00	26.97 -1.09 0.00	25.65 -0.90 0.00	24.09 -0.80 0.00	22.23 -0.78 0.00	20.43 -0.61 0.00	18.70 -0.62 0.00	14.68 -0.25 0.00
CHAT_HIGH_FALL_HYD 323578	10.41 -0.19 0.00	8.58 -0.22 0.00	8.35 -0.26 0.00	8.43 -0.26 0.00	8.11 -0.29 0.00	9.97 -0.40 0.00	17.33 -0.91 0.00	21.73 -1.17 0.00	20.62 -1.39 0.00	20.70 -1.32 0.00	19.94 -1.55 0.00	18.03 -1.59 0.00	17.67 -1.66 0.00	18.50 -1.59 0.00	18.51 -1.41 0.00	19.58 -1.29 0.00	22.60 -1.39 0.00	26.86 -1.21 0.00	25.57 -0.98 0.00	24.02 -0.87 0.00	22.14 -0.87 0.00	20.35 -0.69 0.00	18.64 -0.68 0.00	14.63 -0.30 0.00
CHAUTAUQUA___LFGE 323629	12.89 0.64 -1.66	10.67 0.44 -1.43	10.42 0.47 -1.34	10.43 0.50 -1.23	10.45 0.53 -1.51	12.56 0.80 -1.38	20.20 1.39 -0.57	24.95 2.02 -0.04	23.76 1.72 -0.04	29.04 1.83 -5.20	27.92 2.04 -4.40	26.80 1.88 -5.31	25.26 1.90 -4.04	25.20 1.85 -3.26	23.55 1.93 -1.69	25.09 1.84 -2.38	29.12 2.45 -2.68	37.64 2.92 -6.66	32.56 2.55 -3.46	27.23 2.34 0.00	25.22 2.21 0.00	22.62 1.58 0.00	20.50 1.18 0.00	16.18 0.70 -0.55
CH_MIDHUDSON___DRP 24192	22.09 0.91 -10.58	18.71 0.77 -9.14	17.95 0.75 -8.59	17.34 0.75 -7.89	18.79 0.73 -9.66	20.06 0.89 -8.79	23.54 1.73 -3.56	25.12 2.22 0.00	24.20 2.20 0.00	24.20 2.18 0.00	23.68 2.19 0.00	22.93 2.04 -1.28	21.36 2.03 0.00	22.20 2.11 0.00	22.04 2.11 0.00	23.06 2.19 0.00	26.44 2.45 0.00	30.73 2.67 0.00	29.07 2.52 0.00	27.30 2.41 0.00	25.31 2.30 0.00	23.12 2.08 0.00	21.13 1.82 0.00	19.80 1.36 -3.51
CH_MISC_IPPS 23765	21.67 0.92 -10.15	18.37 0.78 -8.79	17.63 0.77 -8.26	17.05 0.77 -7.59	18.43 0.75 -9.28	19.74 0.91 -8.45	23.46 1.79 -3.42	25.14 2.25 0.00	24.20 2.20 0.00	24.20 2.18 0.00	23.68 2.19 0.00	22.86 2.02 -1.23	21.36 2.09 0.00	22.18 2.09 0.00	22.02 2.09 0.00	23.06 2.19 0.00	26.47 2.47 0.00	30.78 2.72 0.00	29.13 2.57 0.00	27.35 2.46 0.00	25.33 2.32 0.00	23.12 2.08 0.00	21.11 1.80 0.00	19.69 1.39 -3.37
CH_RES_BVR_FALLS 23983	9.87 -0.20 0.52	8.17 -0.18 0.45	8.00 -0.18 0.43	8.11 -0.19 0.39	7.73 -0.19 0.48	9.69 -0.25 0.44	17.60 -0.47 0.18	22.32 -0.57 0.00	21.43 -0.57 0.00	21.47 -0.55 0.00	20.95 -0.54 0.00	19.04 -0.51 0.06	18.81 -0.52 0.00	19.61 -0.48 0.00	19.49 -0.44 0.00	20.45 -0.42 0.00	23.59 -0.41 0.00	27.64 -0.42 0.00	26.18 -0.37 0.00	24.56 -0.32 0.00	22.71 -0.30 0.00	20.77 -0.27 0.00	19.07 -0.25 0.00	14.59 -0.16 0.18
CH_RES_NIAGARA 23895	12.00 -0.04 -1.45	10.00 -0.09 -1.28	9.80 -0.02 -1.21	9.80 0.00 -1.11	9.79 0.03 -1.36	11.67 0.09 -1.20	18.75 0.04 -0.46	23.11 0.25 0.04	21.96 0.00 0.04	20.00 0.09 2.11	20.02 0.32 1.78	18.02 0.29 1.89	18.02 0.33 1.64	19.00 0.24 1.33	19.51 0.28 0.70	20.02 0.13 0.98	22.98 0.45 1.47	25.09 0.65 3.62	25.08 0.42 1.89	24.99 0.13 0.03	23.19 0.18 0.00	20.85 -0.19 0.00	18.99 -0.33 0.00	14.98 -0.45 -0.49
CH_RES_SYRACUSE 23985	11.76 0.10 -1.07	9.79 0.06 -0.93	9.54 0.06 -0.87	9.56 0.06 -0.80	9.45 0.07 -0.98	11.39 0.12 -0.89	18.90 0.29 -0.36	23.26 0.37 0.00	22.29 0.29 0.00	22.33 0.31 0.00	21.78 0.30 0.00	20.02 0.27 -0.13	19.60 0.27 0.00	20.35 0.26 0.00	20.15 0.22 0.00	21.08 0.21 0.00	24.33 0.34 0.00	28.51 0.45 0.00	26.95 0.40 0.00	25.24 0.35 0.00	23.33 0.32 0.00	21.25 0.21 0.00	19.55 0.23 0.00	15.42 0.13 -0.35
CLINTON_WT_PWR 323605	10.44 -0.16 0.00	8.62 -0.19 0.00	8.38 -0.22 0.00	8.47 -0.23 0.00	8.15 -0.26 0.00	10.01 -0.36 0.00	17.43 -0.82 0.00	21.84 -1.05 0.00	20.75 -1.25 0.00	20.83 -1.19 0.00	20.06 -1.42 0.00	18.16 -1.45 0.00	17.80 -1.53 0.00	18.62 -1.47 0.00	18.63 -1.29 0.00	19.68 -1.19 0.00	22.72 -1.27 0.00	26.97 -1.09 0.00	25.65 -0.90 0.00	24.09 -0.80 0.00	22.23 -0.78 0.00	20.43 -0.61 0.00	18.70 -0.62 0.00	14.68 -0.25 0.00
CLINTON___LFGE 323618	10.55 -0.04 0.00	8.70 -0.11 0.00	8.45 -0.15 0.00	8.54 -0.16 0.00	8.21 -0.19 0.00	10.11 -0.27 0.00	17.59 -0.66 0.00	22.07 -0.82 0.00	20.90 -1.10 0.00	21.03 -0.99 0.00	20.22 -1.27 0.00	18.26 -1.35 0.00	17.90 -1.43 0.00	18.74 -1.35 0.00	18.79 -1.13 0.00	19.87 -1.00 0.00	22.91 -1.08 0.00	27.33 -0.73 0.00	25.99 -0.56 0.00	24.39 -0.50 0.00	22.44 -0.57 0.00	20.62 -0.42 0.00	18.85 -0.46 0.00	14.80 -0.13 0.00
COLONIE_LFGE___ 323577	24.96 0.74 -13.63	21.19 0.60 -11.79	20.27 0.59 -11.07	19.47 0.60 -10.18	21.43 0.58 -12.45	22.45 0.74 -11.34	24.26 1.42 -4.59	24.75 1.85 0.00	23.91 1.91 0.00	23.98 1.96 0.00	23.46 1.98 0.00	23.08 1.82 -1.64	21.09 1.76 0.00	21.87 1.79 0.00	21.70 1.77 0.00	22.75 1.88 0.00	25.98 1.99 0.00	30.31 2.25 0.00	28.70 2.15 0.00	26.85 1.97 0.00	24.85 1.84 0.00	22.78 1.75 0.00	20.77 1.45 0.00	20.44 1.02 -4.50
COPENHAGEN_WT_PWR 323753	10.96 -0.07 -0.43	9.08 -0.10 -0.38	8.84 -0.12 -0.35	8.91 -0.11 -0.33	8.69 -0.11 -0.40	10.63 -0.10 -0.36	18.36 -0.04 -0.15	23.01 0.12 0.00	22.02 0.02 0.00	22.02 0.00 0.00	21.38 -0.11 0.00	19.51 -0.16 -0.05	19.23 -0.10 0.00	19.95 -0.14 0.00	19.79 -0.14 0.00	20.73 -0.15 0.00	23.99 0.00 0.00	28.26 0.20 0.00	26.76 0.21 0.00	25.06 0.18 0.00	23.06 0.05 0.00	20.98 -0.06 0.00	19.22 -0.10 0.00	14.99 -0.09 -0.14
CORNELL____ 23752	13.24 0.34 -2.30	11.06 0.26 -2.00	10.74 0.25 -1.88	10.67 0.25 -1.73	10.78 0.26 -2.11	12.67 0.37 -1.92	19.85 0.82 -0.78	24.04 1.14 0.00	23.04 1.03 0.00	23.18 1.04 -0.13	22.60 1.01 -0.11	20.94 0.92 -0.40	20.35 0.93 -0.10	21.09 0.92 -0.08	20.88 0.92 -0.04	21.87 0.94 -0.06	25.39 1.25 -0.15	29.97 1.54 -0.37	28.15 1.41 -0.19	26.18 1.29 0.00	24.18 1.17 0.00	21.94 0.90 0.00	20.09 0.77 0.00	16.21 0.51 -0.77
COXSACKIE___GT 23611	22.61 0.91 -11.10	19.17 0.77 -9.60	18.36 0.73 -9.02	17.72 0.74 -8.29	19.29 0.74 -10.14	20.50 0.89 -9.24	23.66 1.68 -3.74	24.68 1.79 0.00	23.74 1.74 0.00	23.74 1.72 0.00	23.16 1.68 0.00	22.44 1.49 -1.34	20.82 1.49 0.00	21.55 1.47 0.00	21.44 1.51 0.00	22.52 1.65 0.00	25.89 1.90 0.00	30.28 2.22 0.00	28.68 2.12 0.00	26.81 1.92 0.00	24.69 1.68 0.00	22.62 1.58 0.00	20.61 1.29 0.00	19.83 1.21 -3.69



CPV_VALLEY___CC1 323721	19.65 0.63 -8.42	16.72 0.55 -7.37	16.09 0.56 -6.93	15.61 0.56 -6.36	16.72 0.53 -7.78	18.11 0.64 -7.09	22.37 1.26 -2.87	24.57 1.67 0.00	23.70 1.69 0.00	23.67 1.65 0.00	23.18 1.70 0.00	22.23 1.59 -1.03	20.91 1.59 0.00	21.74 1.65 0.00	21.58 1.65 0.00	22.58 1.71 0.00	25.87 1.87 0.00	30.03 1.96 0.00	28.41 1.86 0.00	26.73 1.84 0.00	24.78 1.77 0.00	22.64 1.60 0.00	20.71 1.39 0.00	18.76 1.00 -2.83
CPV_VALLEY___CC2 323722	19.65 0.63 -8.42	16.72 0.55 -7.37	16.09 0.56 -6.93	15.61 0.56 -6.36	16.72 0.53 -7.78	18.11 0.64 -7.09	22.37 1.26 -2.87	24.57 1.67 0.00	23.70 1.69 0.00	23.67 1.65 0.00	23.18 1.70 0.00	22.23 1.59 -1.03	20.91 1.59 0.00	21.74 1.65 0.00	21.58 1.65 0.00	22.58 1.71 0.00	25.87 1.87 0.00	30.03 1.96 0.00	28.41 1.86 0.00	26.73 1.84 0.00	24.78 1.77 0.00	22.64 1.60 0.00	20.71 1.39 0.00	18.76 1.00 -2.83
CRESCENT___HYD 24018	24.96 0.74 -13.63	21.19 0.60 -11.79	20.27 0.59 -11.07	19.47 0.60 -10.18	21.43 0.58 -12.45	22.45 0.74 -11.34	24.26 1.42 -4.59	24.75 1.85 0.00	23.91 1.91 0.00	23.98 1.96 0.00	23.46 1.98 0.00	23.08 1.82 -1.64	21.09 1.76 0.00	21.87 1.79 0.00	21.70 1.77 0.00	22.75 1.88 0.00	25.98 1.99 0.00	30.31 2.25 0.00	28.70 2.15 0.00	26.85 1.97 0.00	24.85 1.84 0.00	22.78 1.75 0.00	20.77 1.45 0.00	20.44 1.02 -4.50
CRICKET___VALLEY_CC1 323756	21.86 0.88 -10.38	18.48 0.73 -8.94	17.73 0.72 -8.40	17.14 0.72 -7.72	18.56 0.71 -9.44	19.85 0.87 -8.60	23.39 1.66 -3.48	25.09 2.20 0.00	24.22 2.22 0.00	24.22 2.20 0.00	23.72 2.23 0.00	22.94 2.08 -1.25	21.40 2.07 0.00	22.26 2.17 0.00	22.08 2.15 0.00	23.10 2.23 0.00	26.44 2.45 0.00	30.70 2.64 0.00	29.05 2.50 0.00	27.28 2.39 0.00	25.31 2.30 0.00	23.14 2.10 0.00	21.17 1.85 0.00	19.67 1.31 -3.43
CRICKET___VALLEY_CC2 323757	21.86 0.88 -10.38	18.48 0.73 -8.94	17.73 0.72 -8.40	17.14 0.72 -7.72	18.56 0.71 -9.44	19.85 0.87 -8.60	23.39 1.66 -3.48	25.09 2.20 0.00	24.22 2.22 0.00	24.22 2.20 0.00	23.72 2.23 0.00	22.94 2.08 -1.25	21.40 2.07 0.00	22.26 2.17 0.00	22.08 2.15 0.00	23.10 2.23 0.00	26.44 2.45 0.00	30.70 2.64 0.00	29.05 2.50 0.00	27.28 2.39 0.00	25.31 2.30 0.00	23.14 2.10 0.00	21.17 1.85 0.00	19.67 1.31 -3.43
CRICKET___VALLEY_CC3 323758	21.86 0.88 -10.38	18.48 0.73 -8.94	17.73 0.72 -8.40	17.14 0.72 -7.72	18.56 0.71 -9.44	19.85 0.87 -8.60	23.39 1.66 -3.48	25.09 2.20 0.00	24.22 2.22 0.00	24.22 2.20 0.00	23.72 2.23 0.00	22.94 2.08 -1.25	21.40 2.07 0.00	22.26 2.17 0.00	22.08 2.15 0.00	23.10 2.23 0.00	26.44 2.45 0.00	30.70 2.64 0.00	29.05 2.50 0.00	27.28 2.39 0.00	25.31 2.30 0.00	23.14 2.10 0.00	21.17 1.85 0.00	19.67 1.31 -3.43
CRUCIBLE_METL_DRP 24180	11.76 0.10 -1.07	9.79 0.06 -0.93	9.54 0.06 -0.87	9.56 0.06 -0.80	9.45 0.07 -0.98	11.39 0.12 -0.89	18.90 0.29 -0.36	23.26 0.37 0.00	22.29 0.29 0.00	22.33 0.31 0.00	21.78 0.30 0.00	20.02 0.27 -0.13	19.60 0.27 0.00	20.35 0.26 0.00	20.15 0.22 0.00	21.08 0.21 0.00	24.33 0.34 0.00	28.51 0.45 0.00	26.95 0.40 0.00	25.24 0.35 0.00	23.33 0.32 0.00	21.25 0.21 0.00	19.55 0.23 0.00	15.42 0.13 -0.35
DANC___LFGE 323619	11.08 -0.09 -0.57	9.19 -0.11 -0.49	8.96 -0.11 -0.46	9.02 -0.10 -0.42	8.83 -0.10 -0.52	10.75 -0.10 -0.47	18.35 -0.09 -0.19	22.87 -0.02 0.00	21.89 -0.11 0.00	21.91 -0.11 0.00	21.33 -0.15 0.00	19.51 -0.18 -0.07	19.21 -0.12 0.00	19.95 -0.14 0.00	19.77 -0.16 0.00	20.68 -0.19 0.00	23.90 -0.10 0.00	28.06 0.00 0.00	26.55 0.00 0.00	24.86 -0.02 0.00	22.92 -0.09 0.00	20.89 -0.15 0.00	19.20 -0.12 0.00	15.00 -0.12 -0.19
DANSKAMMER___1 23586	21.67 0.92 -10.15	18.37 0.78 -8.79	17.63 0.77 -8.26	17.05 0.77 -7.59	18.43 0.75 -9.28	19.74 0.91 -8.45	23.46 1.79 -3.42	25.14 2.25 0.00	24.20 2.20 0.00	24.20 2.18 0.00	23.68 2.19 0.00	22.86 2.02 -1.23	21.36 2.03 0.00	22.18 2.09 0.00	22.02 2.09 0.00	23.06 2.19 0.00	26.47 2.47 0.00	30.78 2.72 0.00	29.13 2.57 0.00	27.35 2.46 0.00	25.33 2.32 0.00	23.12 2.08 0.00	21.11 1.80 0.00	19.69 1.39 -3.37
DANSKAMMER___2 23589	21.67 0.92 -10.15	18.37 0.78 -8.79	17.63 0.77 -8.26	17.05 0.77 -7.59	18.43 0.75 -9.28	19.74 0.91 -8.45	23.46 1.79 -3.42	25.14 2.25 0.00	24.20 2.20 0.00	24.20 2.18 0.00	23.68 2.19 0.00	22.86 2.02 -1.23	21.36 2.03 0.00	22.18 2.09 0.00	22.02 2.09 0.00	23.06 2.19 0.00	26.47 2.47 0.00	30.78 2.72 0.00	29.13 2.57 0.00	27.35 2.46 0.00	25.33 2.32 0.00	23.12 2.08 0.00	21.11 1.80 0.00	19.69 1.39 -3.37
DANSKAMMER___3 23590	21.67 0.92 -10.15	18.37 0.78 -8.79	17.63 0.77 -8.26	17.05 0.77 -7.59	18.43 0.75 -9.28	19.74 0.91 -8.45	23.46 1.79 -3.42	25.14 2.25 0.00	24.20 2.20 0.00	24.20 2.18 0.00	23.68 2.19 0.00	22.86 2.02 -1.23	21.36 2.03 0.00	22.18 2.09 0.00	22.02 2.09 0.00	23.06 2.19 0.00	26.47 2.47 0.00	30.78 2.72 0.00	29.13 2.57 0.00	27.35 2.46 0.00	25.33 2.32 0.00	23.12 2.08 0.00	21.11 1.80 0.00	19.69 1.39 -3.37
DANSKAMMER___4 23591	21.67 0.92 -10.15	18.37 0.78 -8.79	17.63 0.77 -8.26	17.05 0.77 -7.59	18.43 0.75 -9.28	19.74 0.91 -8.45	23.46 1.79 -3.42	25.14 2.25 0.00	24.20 2.20 0.00	24.20 2.18 0.00	23.68 2.19 0.00	22.86 2.02 -1.23	21.36 2.03 0.00	22.18 2.09 0.00	22.02 2.09 0.00	23.06 2.19 0.00	26.47 2.47 0.00	30.78 2.72 0.00	29.13 2.57 0.00	27.35 2.46 0.00	25.33 2.32 0.00	23.12 2.08 0.00	21.11 1.80 0.00	19.69 1.39 -3.37
DANSKAMMER___DIESEL 23592	21.67 0.92 -10.15	18.37 0.78 -8.79	17.63 0.77 -8.26	17.05 0.77 -7.59	18.43 0.75 -9.28	19.74 0.91 -8.45	23.46 1.79 -3.42	25.14 2.25 0.00	24.20 2.20 0.00	24.20 2.18 0.00	23.68 2.19 0.00	22.86 2.02 -1.23	21.36 2.03 0.00	22.18 2.09 0.00	22.02 2.09 0.00	23.06 2.19 0.00	26.47 2.47 0.00	30.78 2.72 0.00	29.13 2.57 0.00	27.35 2.46 0.00	25.33 2.32 0.00	23.12 2.08 0.00	21.11 1.80 0.00	19.69 1.39 -3.37
DASHVILLE___HYD 23610	21.71 0.69 -10.42	18.41 0.58 -9.03	17.65 0.57 -8.48	17.06 0.57 -7.79	18.50 0.56 -9.53	19.73 0.67 -8.68	23.08 1.31 -3.51	24.50 1.60 0.00	23.59 1.58 0.00	23.56 1.54 0.00	23.05 1.57 0.00	22.32 1.45 -1.26	20.78 1.45 0.00	21.57 1.49 0.00	21.42 1.50 0.00	22.44 1.57 0.00	25.74 1.75 0.00	29.97 1.91 0.00	28.36 1.81 0.00	26.63 1.74 0.00	24.65 1.63 0.00	22.51 1.47 0.00	20.59 1.27 0.00	19.41 1.02 -3.46
DELAWARE___LFGE 323621	15.54 0.42 -4.52	13.07 0.34 -3.93	12.63 0.34 -3.69	12.42 0.34 -3.39	12.89 0.34 -4.14	14.58 0.43 -3.77	20.67 0.89 -1.53	24.11 1.21 0.00	23.17 1.17 0.00	23.25 1.17 -0.06	22.70 1.16 -0.05	21.28 1.06 -0.61	20.42 1.04 -0.05	21.21 1.08 -0.04	21.02 1.08 -0.02	22.03 1.13 -0.03	25.36 1.29 -0.08	29.73 1.49 -0.19	28.05 1.41 -0.10	26.23 1.34 0.00	24.25 1.24 0.00	22.11 1.07 0.00	20.23 0.91 0.00	17.06 0.63 -1.50



DOGLEVILLE___HYD 23807	11.18 0.84 0.26	9.27 0.69 0.22	9.07 0.67 0.21	9.18 0.68 0.19	8.83 0.66 0.24	10.99 0.83 0.21	19.67 1.51 0.09	24.87 1.97 0.00	23.89 1.89 0.00	23.93 1.91 0.00	23.35 1.87 0.00	21.25 1.67 0.03	20.95 1.62 0.00	21.71 1.63 0.00	21.52 1.59 0.00	22.56 1.69 0.00	26.01 2.02 0.00	30.48 2.41 0.00	28.81 2.26 0.00	27.03 2.14 0.00	25.01 2.00 0.00	22.83 1.79 0.00	20.94 1.62 0.00	16.05 1.21 0.09
DUNKIRK___1 23563	12.89 0.64 -1.65	10.67 0.44 -1.43	10.42 0.47 -1.34	10.43 0.50 -1.23	10.44 0.53 -1.51	12.55 0.79 -1.38	20.18 1.37 -0.57	24.93 1.99 -0.04	23.74 1.69 -0.04	29.00 1.78 -5.21	27.88 2.00 -4.40	26.77 1.84 -5.31	25.23 1.86 -4.04	25.16 1.81 -3.27	23.49 1.87 -1.69	25.05 1.80 -2.39	29.06 2.38 -2.69	37.61 2.86 -6.68	32.50 2.47 -3.48	27.18 2.29 0.00	25.17 2.16 0.00	22.60 1.56 0.00	20.48 1.16 0.00	16.16 0.69 -0.55
DUNKIRK___2 23564	12.89 0.64 -1.65	10.67 0.44 -1.43	10.42 0.47 -1.34	10.43 0.50 -1.23	10.44 0.53 -1.51	12.55 0.79 -1.38	20.18 1.37 -0.57	24.93 1.99 -0.04	23.74 1.69 -0.04	29.00 1.78 -5.21	27.88 2.00 -4.40	26.77 1.84 -5.31	25.23 1.86 -4.04	25.16 1.81 -3.27	23.49 1.87 -1.69	25.05 1.80 -2.39	29.06 2.38 -2.69	37.61 2.86 -6.68	32.50 2.47 -3.48	27.18 2.29 0.00	25.17 2.16 0.00	22.60 1.56 0.00	20.48 1.16 0.00	16.16 0.69 -0.55
DUNKIRK___3 23565	12.82 0.57 -1.65	10.62 0.40 -1.42	10.37 0.43 -1.34	10.37 0.45 -1.23	10.39 0.48 -1.50	12.48 0.73 -1.38	20.02 1.20 -0.57	24.72 1.79 -0.04	23.54 1.50 -0.04	28.70 1.59 -5.10	27.58 1.78 -4.31	26.45 1.63 -5.20	24.93 1.64 -3.96	24.87 1.59 -3.20	23.23 1.65 -1.66	24.77 1.57 -2.34	28.83 2.11 -2.72	37.37 2.55 -6.76	32.24 2.18 -3.52	26.91 2.02 0.00	24.92 1.91 0.00	22.39 1.35 0.00	20.30 0.98 0.00	16.04 0.57 -0.54
DUNKIRK___4 23566	12.82 0.57 -1.65	10.62 0.40 -1.42	10.37 0.43 -1.34	10.37 0.45 -1.23	10.39 0.48 -1.50	12.48 0.73 -1.38	20.02 1.20 -0.57	24.72 1.79 -0.04	23.54 1.50 -0.04	28.70 1.59 -5.10	27.58 1.78 -4.31	26.45 1.63 -5.20	24.93 1.64 -3.96	24.87 1.59 -3.20	23.23 1.65 -1.66	24.77 1.57 -2.34	28.83 2.11 -2.72	37.37 2.55 -6.76	32.24 2.18 -3.52	26.91 2.02 0.00	24.92 1.91 0.00	22.39 1.35 0.00	20.30 0.98 0.00	16.04 0.57 -0.54
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.46 0.96 -9.90	18.10 0.80 -8.49	17.38 0.79 -7.98	16.82 0.79 -7.33	18.14 0.76 -8.97	19.50 0.95 -8.17	23.38 1.82 -3.31	25.32 2.43 0.00	24.46 2.46 0.00	24.46 2.44 0.00	23.95 2.47 0.00	23.11 2.31 -1.18	21.65 2.32 0.00	22.50 2.41 0.00	22.34 2.41 0.00	23.35 2.48 0.00	26.70 2.71 0.00	30.98 2.92 0.00	29.31 2.76 0.00	27.55 2.66 0.00	25.59 2.58 0.00	23.37 2.34 0.00	21.39 2.07 0.00	19.65 1.46 -3.26
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.09 0.80 -9.70	17.93 0.69 -8.44	17.21 0.68 -7.93	16.66 0.68 -7.28	17.97 0.66 -8.91	19.30 0.81 -8.11	23.12 1.59 -3.28	24.91 2.02 0.00	24.00 2.00 0.00	24.00 1.98 0.00	23.48 2.00 0.00	22.66 1.86 -1.18	21.18 1.86 0.00	22.02 1.93 0.00	21.86 1.93 0.00	22.87 2.00 0.00	26.25 2.25 0.00	30.48 2.41 0.00	28.83 2.28 0.00	27.10 2.21 0.00	25.13 2.12 0.00	22.93 1.89 0.00	20.98 1.66 0.00	19.40 1.24 -3.23
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.56 1.06 -9.90	18.17 0.87 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.49 0.94 -8.17	23.38 1.82 -3.31	25.32 2.43 0.00	24.44 2.44 0.00	24.59 2.57 0.00	24.05 2.58 0.01	23.24 2.45 -1.18	21.77 2.45 0.01	22.63 2.55 0.01	22.52 2.59 -0.01	23.54 2.67 0.00	26.77 2.78 0.01	30.94 2.89 0.01	29.30 2.76 0.01	27.65 2.76 0.00	25.79 2.78 0.00	23.63 2.59 0.00	21.53 2.20 -0.01	19.75 1.57 -3.26
EAST HAMPTON___GT 23717	22.32 1.82 -9.90	18.88 1.58 -8.49	18.23 1.64 -7.98	17.70 1.67 -7.33	18.99 1.61 -8.97	20.66 2.10 -8.18	29.91 3.98 -7.69	40.26 5.24 -12.12	30.11 4.95 -3.16	27.65 4.89 -0.74	26.42 4.73 -0.21	25.13 4.08 -1.43	23.79 4.16 -0.31	24.82 4.46 -0.27	26.15 4.50 -1.72	32.44 4.80 -6.77	36.30 5.54 -6.76	41.80 6.20 -7.54	40.43 5.95 -7.93	38.27 5.70 -7.68	35.24 5.41 -6.82	33.69 4.82 -7.83	25.65 4.31 -2.03	21.44 3.05 -3.46
EAST RIVER___6 23660	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.62 2.62 0.00	24.64 2.62 0.00	24.15 2.66 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.72 2.63 0.00	22.56 2.63 -0.01	23.56 2.69 0.00	26.90 2.90 0.00	31.15 3.09 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.75 1.57 -3.26
EAST RIVER___7 23524	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.62 2.62 0.00	24.64 2.62 0.00	24.15 2.66 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.72 2.63 0.00	22.56 2.63 -0.01	23.56 2.69 0.00	26.90 2.90 0.00	31.15 3.09 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.75 1.57 -3.26
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.40 0.92 -9.89	18.04 0.77 -8.48	17.33 0.76 -7.96	16.77 0.76 -7.32	18.09 0.73 -8.95	19.43 0.90 -8.15	23.30 1.75 -3.30	25.21 2.31 0.00	24.36 2.36 0.00	24.33 2.31 0.00	23.85 2.36 0.00	23.01 2.22 -1.18	21.53 2.20 0.00	22.40 2.31 0.00	22.24 2.31 0.00	23.25 2.38 0.00	26.59 2.59 0.00	30.84 2.78 0.00	29.18 2.63 0.00	27.43 2.54 0.00	25.47 2.46 0.00	23.27 2.23 0.00	21.29 1.97 0.00	19.58 1.40 -3.25
EAST_HAMPTON___DIESEL 23722	22.32 1.82 -9.90	18.88 1.58 -8.49	18.23 1.64 -7.98	17.70 1.67 -7.33	18.99 1.61 -8.97	20.66 2.10 -8.18	29.91 3.98 -7.69	40.26 5.24 -12.12	30.11 4.95 -3.16	27.65 4.89 -0.74	26.42 4.73 -0.21	25.13 4.08 -1.43	23.79 4.16 -0.31	24.82 4.46 -0.27	26.15 4.50 -1.72	32.44 4.80 -6.77	36.30 5.54 -6.76	41.80 6.20 -7.54	40.43 5.95 -7.93	38.27 5.70 -7.68	35.24 5.41 -6.82	33.69 4.82 -7.83	25.65 4.31 -2.03	21.44 3.05 -3.46
EAST_RIVER___1 323558	21.54 1.04 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.49 1.93 -3.31	25.46 2.56 0.00	24.64 2.64 0.00	24.64 2.62 0.00	24.15 2.66 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.72 2.63 0.00	22.56 2.63 -0.01	23.56 2.69 0.00	26.90 2.90 0.00	31.15 3.09 0.00	29.47 2.92 0.00	27.73 2.84 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26
EAST_RIVER___2 323559	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.62 2.62 0.00	24.64 2.62 0.00	24.15 2.66 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.72 2.63 0.00	22.56 2.63 -0.01	23.56 2.69 0.00	26.90 2.90 0.00	31.15 3.09 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.75 1.57 -3.26



EAST___DELAWARE_HYD 23607	20.24 0.58 -9.06	17.18 0.50 -7.87	16.50 0.50 -7.40	15.99 0.50 -6.80	17.21 0.49 -8.31	18.53 0.58 -7.57	22.55 1.24 -3.07	24.38 1.49 0.00	23.43 1.43 0.00	23.41 1.39 0.00	22.86 1.38 0.00	21.99 1.27 -1.10	20.60 1.28 0.00	21.41 1.33 0.00	21.26 1.34 0.00	22.29 1.42 0.00	25.65 1.65 0.00	29.86 1.80 0.00	28.28 1.72 0.00	26.56 1.67 0.00	24.55 1.54 0.00	22.39 1.35 0.00	20.44 1.12 0.00	18.88 0.93 -3.02
ELEC_TRO_TEK 24086	21.50 1.00 -9.91	18.14 0.85 -8.50	17.49 0.90 -7.98	16.94 0.91 -7.33	18.26 0.88 -8.97	19.70 1.14 -8.18	26.32 2.19 -5.88	33.00 2.86 -7.24	29.61 2.90 -4.71	26.55 2.91 -1.63	26.01 2.90 -1.62	25.42 2.73 -3.08	24.39 2.71 -2.36	25.01 2.83 -2.09	25.58 2.77 -2.89	30.94 2.84 -7.23	33.85 3.10 -6.76	38.94 3.34 -7.54	37.61 3.13 -7.93	35.66 3.04 -7.74	32.99 2.95 -7.03	31.77 2.67 -8.06	24.75 2.45 -2.98	20.09 1.73 -3.43
ELLENBURG_WT_PWR 323604	10.44 -0.16 0.00	8.62 -0.19 0.00	8.38 -0.22 0.00	8.47 -0.23 0.00	8.15 -0.26 0.00	10.01 -0.36 0.00	17.43 -0.82 0.00	21.84 -1.05 0.00	20.75 -1.25 0.00	20.83 -1.19 0.00	20.06 -1.42 0.00	18.16 -1.45 0.00	17.80 -1.53 0.00	18.62 -1.47 0.00	18.63 -1.29 0.00	19.68 -1.19 0.00	22.72 -1.27 0.00	26.97 -1.09 0.00	25.65 -0.90 0.00	24.09 -0.80 0.00	22.23 -0.78 0.00	20.43 -0.61 0.00	18.70 -0.62 0.00	14.68 -0.25 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	12.54 0.37 -1.57	10.39 0.23 -1.36	10.16 0.28 -1.27	10.16 0.30 -1.17	10.16 0.32 -1.43	12.20 0.51 -1.31	19.52 0.73 -0.54	24.13 1.19 -0.04	22.94 0.90 -0.04	28.80 0.99 -5.79	27.59 1.20 -4.90	26.59 1.10 -5.88	24.95 1.12 -4.50	24.79 1.06 -3.63	22.92 1.12 -1.88	24.50 0.98 -2.65	28.96 1.44 -3.53	38.60 1.77 -8.77	32.57 1.46 -4.56	26.23 1.34 0.00	24.30 1.29 0.00	21.82 0.78 0.00	19.84 0.52 0.00	15.64 0.19 -0.52
EMPIRE_CC_1 323656	23.93 0.53 -12.81	20.31 0.43 -11.08	19.45 0.43 -10.41	18.69 0.43 -9.56	20.53 0.42 -11.70	21.56 0.53 -10.65	23.49 0.93 -4.31	24.04 1.14 0.00	23.28 1.28 0.00	23.29 1.28 0.00	22.79 1.31 0.00	22.36 1.20 -1.55	20.51 1.18 0.00	21.29 1.21 0.00	21.12 1.20 0.00	22.14 1.27 0.00	25.26 1.27 0.00	29.46 1.40 0.00	27.88 1.33 0.00	26.13 1.24 0.00	24.18 1.17 0.00	22.22 1.18 0.00	20.30 0.98 0.00	19.86 0.69 -4.25
EMPIRE_CC_2 323658	23.93 0.53 -12.81	20.31 0.43 -11.08	19.45 0.43 -10.41	18.69 0.43 -9.56	20.53 0.42 -11.70	21.56 0.53 -10.65	23.49 0.93 -4.31	24.04 1.14 0.00	23.28 1.28 0.00	23.29 1.28 0.00	22.79 1.31 0.00	22.36 1.20 -1.55	20.51 1.18 0.00	21.29 1.21 0.00	21.12 1.20 0.00	22.14 1.27 0.00	25.26 1.27 0.00	29.46 1.40 0.00	27.88 1.33 0.00	26.13 1.24 0.00	24.18 1.17 0.00	22.22 1.18 0.00	20.30 0.98 0.00	19.86 0.69 -4.25
ERIE_WT_PWR 323693	12.71 0.50 -1.61	10.53 0.33 -1.39	10.28 0.37 -1.31	10.28 0.39 -1.20	10.29 0.42 -1.47	12.36 0.63 -1.35	19.81 1.00 -0.56	24.45 1.51 -0.05	23.28 1.23 -0.05	29.11 1.32 -5.77	27.87 1.50 -4.88	26.85 1.37 -5.86	25.22 1.41 -4.48	25.06 1.35 -3.62	23.20 1.39 -1.87	24.79 1.27 -2.65	28.66 1.78 -2.89	37.40 2.16 -7.17	32.14 1.86 -3.73	26.61 1.72 -0.01	24.62 1.61 0.00	22.11 1.07 0.00	20.09 0.77 0.00	15.85 0.39 -0.53
ETNA_115_KV_TB1_REV_LBMP_C 345029	13.24 0.34 -2.30	11.06 0.26 -2.00	10.74 0.25 -1.88	10.67 0.25 -1.73	10.78 0.26 -2.11	12.68 0.38 -1.92	19.83 0.80 -0.78	24.02 1.12 0.00	23.01 1.01 0.00	23.16 1.01 -0.13	22.60 1.01 -0.11	20.92 0.90 -0.40	20.33 0.91 -0.10	21.07 0.90 -0.08	20.86 0.90 -0.04	21.84 0.92 -0.06	25.36 1.22 -0.15	29.92 1.49 -0.37	28.12 1.38 -0.19	26.16 1.27 0.00	24.16 1.15 0.00	21.92 0.88 0.00	20.07 0.75 0.00	16.21 0.51 -0.77
E_CANADA_CAP_HY 24051	27.36 0.14 -16.63	23.29 0.09 -14.40	22.22 0.09 -13.53	21.23 0.10 -12.43	23.71 0.09 -15.21	24.40 0.18 -13.85	24.60 0.75 -5.61	23.90 1.01 0.00	22.90 0.90 0.00	22.92 0.90 0.00	22.32 0.84 0.00	22.35 0.73 -2.01	19.96 0.64 0.00	20.69 0.60 0.00	20.54 0.62 0.00	21.66 0.79 0.00	24.91 0.91 0.00	29.21 1.15 0.00	27.75 1.20 0.00	25.89 1.00 0.00	23.86 0.85 0.00	21.88 0.84 0.00	19.80 0.48 0.00	20.63 0.22 -5.48
E_CANADA_MHWK_HY 24050	11.18 0.84 0.26	9.27 0.69 0.22	9.07 0.67 0.21	9.18 0.68 0.19	8.83 0.66 0.24	10.99 0.83 0.21	19.67 1.51 0.09	24.87 1.97 0.00	23.89 1.89 0.00	23.93 1.91 0.00	23.35 1.87 0.00	21.25 1.67 0.03	20.95 1.62 0.00	21.71 1.63 0.00	21.52 1.59 0.00	22.56 1.69 0.00	26.01 2.02 0.00	30.48 2.41 0.00	28.81 2.26 0.00	27.03 2.14 0.00	25.01 2.00 0.00	22.83 1.79 0.00	20.94 1.62 0.00	16.05 1.21 0.09
E_FISHKILL___LBMP 23776	21.50 0.87 -10.03	18.18 0.72 -8.66	17.45 0.71 -8.13	16.88 0.71 -7.47	18.24 0.69 -9.14	19.55 0.85 -8.32	23.26 1.64 -3.37	25.07 2.18 0.00	24.20 2.20 0.00	24.20 2.18 0.00	23.70 2.21 0.00	22.88 2.06 -1.21	21.40 2.07 0.00	22.24 2.15 0.00	22.08 2.15 0.00	23.08 2.21 0.00	26.42 2.42 0.00	30.67 2.61 0.00	28.99 2.44 0.00	27.28 2.39 0.00	25.31 2.30 0.00	23.12 2.08 0.00	21.15 1.84 0.00	19.56 1.31 -3.32
FAR ROCKAWAY___4 23548	21.69 1.17 -9.93	18.29 0.99 -8.50	17.63 1.04 -7.98	17.08 1.05 -7.33	18.40 1.03 -8.97	19.87 1.32 -8.18	27.59 2.52 -6.82	36.12 3.30 -9.93	33.61 3.30 -8.31	28.34 3.30 -3.02	28.17 3.26 -3.42	27.85 3.06 -5.17	27.32 3.03 -4.96	27.63 3.15 -4.39	27.95 3.13 -4.90	32.14 3.21 -8.05	34.30 3.55 -6.76	39.48 3.87 -7.54	38.17 3.69 -7.93	36.25 3.53 -7.83	33.79 3.38 -7.39	32.57 3.07 -8.46	27.36 2.80 -5.24	20.35 1.99 -3.43
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.55 1.05 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.57 1.03 -8.17	23.51 1.95 -3.31	25.51 2.61 0.00	24.66 2.66 0.00	24.68 2.66 0.00	24.19 2.71 0.00	23.37 2.57 -1.18	21.88 2.55 0.00	22.76 2.67 0.00	22.60 2.67 -0.01	23.58 2.71 0.00	26.94 2.95 0.00	31.18 3.11 0.00	29.50 2.95 0.00	27.77 2.89 0.00	25.82 2.81 0.00	23.58 2.54 0.00	21.60 2.28 0.00	19.78 1.60 -3.26
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.55 1.05 -9.90	18.16 0.86 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.56 1.02 -8.17	23.51 1.95 -3.31	25.48 2.59 0.00	24.64 2.64 0.00	24.66 2.64 0.00	24.17 2.69 0.00	23.35 2.55 -1.18	21.86 2.53 0.00	22.72 2.63 0.00	22.58 2.65 -0.01	23.56 2.69 0.00	26.92 2.93 0.00	31.15 3.09 0.00	29.50 2.95 0.00	27.75 2.86 0.00	25.79 2.78 0.00	23.56 2.52 0.00	21.58 2.26 0.00	19.78 1.60 -3.26
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.54 1.04 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.49 1.93 -3.31	25.46 2.56 0.00	24.64 2.64 0.00	24.64 2.62 0.00	24.15 2.66 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.72 2.63 0.00	22.56 2.63 -0.01	23.56 2.69 0.00	26.90 2.90 0.00	31.15 3.09 0.00	29.47 2.92 0.00	27.73 2.84 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.77 1.58 -3.26



FARRAGUT___LBMP 323566	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.55 1.01 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.62 2.62 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.31 2.51 -1.18	21.82 2.49 0.00	22.70 2.61 0.00	22.54 2.61 -0.01	23.54 2.67 0.00	26.87 2.88 0.00	31.12 3.06 0.00	29.45 2.89 0.00	27.70 2.81 0.00	25.75 2.74 0.00	23.54 2.50 0.00	21.56 2.24 0.00	19.75 1.57 -3.26
FENNER___WINDPWR 24204	12.02 0.28 -1.14	10.02 0.22 -0.99	9.75 0.21 -0.93	9.76 0.21 -0.86	9.67 0.21 -1.05	11.63 0.30 -0.96	19.31 0.68 -0.39	23.84 0.94 0.00	22.86 0.86 0.00	22.88 0.86 0.00	22.30 0.82 0.00	20.48 0.73 -0.14	20.04 0.72 0.00	20.81 0.72 0.00	20.64 0.72 0.00	21.58 0.71 0.00	24.93 0.93 0.00	29.21 1.15 0.00	27.64 1.09 0.00	25.89 1.00 0.00	23.89 0.87 0.00	21.73 0.69 0.00	19.92 0.60 0.00	15.71 0.40 -0.38
FIBERTEK___ENERGY 23856	11.76 0.10 -1.07	9.79 0.06 -0.93	9.54 0.06 -0.87	9.56 0.06 -0.80	9.45 0.07 -0.98	11.39 0.12 -0.89	18.90 0.29 -0.36	23.26 0.37 0.00	22.29 0.29 0.00	22.33 0.31 0.00	21.78 0.30 0.00	20.02 0.27 -0.13	19.60 0.27 0.00	20.35 0.26 0.00	20.15 0.22 0.00	21.08 0.21 0.00	24.33 0.34 0.00	28.51 0.45 0.00	26.95 0.40 0.00	25.24 0.35 0.00	23.33 0.32 0.00	21.25 0.21 0.00	19.55 0.23 0.00	15.42 0.13 -0.35
FITZPATRICK____ 23598	11.03 -0.19 -0.62	9.17 -0.17 -0.54	8.95 -0.16 -0.51	8.99 -0.17 -0.46	8.82 -0.15 -0.57	10.73 -0.17 -0.52	18.16 -0.29 -0.21	22.48 -0.41 0.00	21.54 -0.46 0.00	21.55 -0.46 0.00	21.05 -0.43 0.00	19.30 -0.39 -0.08	18.96 -0.37 0.00	19.69 -0.40 0.00	19.49 -0.44 0.00	20.37 -0.50 0.00	23.47 -0.53 0.00	27.47 -0.59 0.00	25.97 -0.58 0.00	24.34 -0.55 0.00	22.50 -0.51 0.00	20.56 -0.48 0.00	18.99 -0.33 0.00	14.85 -0.28 -0.21
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.72 0.95 -10.17	18.41 0.80 -8.80	17.66 0.78 -8.27	17.08 0.79 -7.60	18.47 0.76 -9.29	19.78 0.94 -8.46	23.50 1.82 -3.43	25.19 2.29 0.00	24.25 2.25 0.00	24.24 2.22 0.00	23.72 2.23 0.00	22.90 2.06 -1.23	21.40 2.07 0.00	22.22 2.13 0.00	22.06 2.13 0.00	23.10 2.23 0.00	26.51 2.52 0.00	30.84 2.78 0.00	29.18 2.63 0.00	27.40 2.51 0.00	25.38 2.37 0.00	23.14 2.10 0.00	21.15 1.84 0.00	19.72 1.42 -3.37
FORT ORANGE____ 23900	24.07 0.63 -12.85	20.43 0.51 -11.12	19.55 0.50 -10.44	18.79 0.50 -9.60	20.64 0.50 -11.74	21.68 0.61 -10.69	23.58 1.00 -4.33	24.11 1.21 0.00	23.45 1.45 0.00	23.47 1.45 0.00	22.95 1.46 0.00	22.52 1.35 -1.55	20.64 1.31 0.00	21.43 1.35 0.00	21.26 1.34 0.00	22.29 1.42 0.00	25.34 1.34 0.00	29.52 1.46 0.00	27.96 1.41 0.00	26.18 1.29 0.00	24.23 1.22 0.00	22.34 1.30 0.00	20.40 1.08 0.00	19.94 0.75 -4.26
FORT_DRUM_COGEN 23780	10.90 -0.07 -0.38	9.03 -0.11 -0.33	8.80 -0.12 -0.31	8.87 -0.11 -0.29	8.64 -0.12 -0.35	10.58 -0.11 -0.32	18.34 -0.04 -0.13	23.01 0.12 0.00	22.05 0.04 0.00	22.02 0.00 0.00	21.36 -0.13 0.00	19.48 -0.18 -0.05	19.21 -0.12 0.00	19.93 -0.16 0.00	19.79 -0.14 0.00	20.73 -0.15 0.00	23.99 0.00 0.00	28.26 0.20 0.00	26.76 0.21 0.00	25.09 0.20 0.00	23.08 0.07 0.00	20.98 -0.06 0.00	19.20 -0.12 0.00	14.97 -0.09 -0.13
FPL_FAR_ROCK_GT1 24212	21.69 1.17 -9.93	18.29 0.99 -8.50	17.63 1.04 -7.98	17.08 1.05 -7.33	18.40 1.03 -8.97	19.87 1.32 -8.18	27.59 2.52 -6.82	36.12 3.30 -9.93	33.61 3.30 -8.31	28.34 3.30 -3.02	28.17 3.26 -3.42	27.85 3.06 -5.17	27.32 3.03 -4.96	27.63 3.15 -4.39	27.95 3.13 -4.90	32.14 3.21 -8.05	34.30 3.55 -6.76	39.48 3.87 -7.54	38.17 3.69 -7.93	36.25 3.53 -7.83	33.79 3.38 -7.39	32.57 3.07 -8.46	27.36 2.80 -5.24	20.35 1.99 -3.43
FPL_FAR_ROCK_GT2 23815	21.69 1.17 -9.93	18.29 0.99 -8.50	17.63 1.04 -7.98	17.08 1.05 -7.33	18.40 1.03 -8.97	19.87 1.32 -8.18	27.59 2.52 -6.82	36.12 3.30 -9.93	33.61 3.30 -8.31	28.34 3.30 -3.02	28.17 3.26 -3.42	27.85 3.06 -5.17	27.32 3.03 -4.96	27.63 3.15 -4.39	27.95 3.13 -4.90	32.14 3.21 -8.05	34.30 3.55 -6.76	39.48 3.87 -7.54	38.17 3.69 -7.93	36.25 3.53 -7.83	33.79 3.38 -7.39	32.57 3.07 -8.46	27.36 2.80 -5.24	20.35 1.99 -3.43
FRANKLIN_FALL_HYD 24054	10.39 -0.20 0.00	8.57 -0.24 0.00	8.33 -0.28 0.00	8.42 -0.28 0.00	8.10 -0.31 0.00	9.96 -0.42 0.00	17.30 -0.95 0.00	21.73 -1.17 0.00	20.59 -1.41 0.00	20.67 -1.34 0.00	19.87 -1.61 0.00	17.97 -1.65 0.00	17.63 -1.70 0.00	18.46 -1.63 0.00	18.49 -1.43 0.00	19.53 -1.34 0.00	22.51 -1.49 0.00	26.83 -1.23 0.00	25.54 -1.01 0.00	23.94 -0.95 0.00	21.98 -1.04 0.00	20.24 -0.80 0.00	18.49 -0.83 0.00	14.56 -0.37 0.00
FREEPORT_EQUS_GT1 23764	21.63 1.12 -9.91	18.25 0.95 -8.50	17.59 1.01 -7.98	17.05 1.03 -7.33	18.37 0.99 -8.97	19.84 1.29 -8.18	27.60 2.46 -6.89	36.13 3.23 -10.01	30.16 3.24 -4.92	26.81 3.21 -1.58	26.12 3.18 -1.45	25.44 2.94 -2.88	24.38 2.94 -2.11	25.05 3.09 -1.87	25.86 3.05 -2.89	31.24 3.13 -7.24	34.21 3.46 -6.76	39.39 3.79 -7.54	38.06 3.58 -7.93	36.08 3.46 -7.73	33.36 3.31 -7.03	32.11 3.01 -8.06	25.18 2.74 -3.12	20.30 1.93 -3.44
FREEPORT___CT2 23818	21.63 1.12 -9.91	18.25 0.95 -8.50	17.59 1.01 -7.98	17.05 1.03 -7.33	18.37 0.99 -8.97	19.84 1.29 -8.18	27.60 2.46 -6.89	36.13 3.23 -10.01	30.16 3.24 -4.92	26.81 3.21 -1.58	26.12 3.18 -1.45	25.44 2.94 -2.88	24.38 2.94 -2.11	25.05 3.09 -1.87	25.86 3.05 -2.89	31.24 3.13 -7.24	34.21 3.46 -6.76	39.39 3.79 -7.54	38.06 3.58 -7.93	36.08 3.46 -7.73	33.36 3.31 -7.03	32.11 3.01 -8.06	25.18 2.74 -3.12	20.30 1.93 -3.44
FULTON COGEN____ 23766	11.33 -0.06 -0.80	9.42 -0.07 -0.69	9.19 -0.07 -0.65	9.22 -0.07 -0.60	9.09 -0.05 -0.73	11.01 -0.03 -0.66	18.52 0.00 -0.27	22.87 -0.02 0.00	21.91 -0.09 0.00	21.95 -0.07 0.00	21.42 -0.06 0.00	19.65 -0.06 -0.10	19.27 -0.06 0.00	20.01 -0.08 0.00	19.81 -0.12 0.00	20.70 -0.17 0.00	23.90 -0.10 0.00	28.01 -0.06 0.00	26.47 -0.08 0.00	24.79 -0.10 0.00	22.90 -0.11 0.00	20.89 -0.15 0.00	19.26 -0.06 0.00	15.11 -0.09 -0.26
FULTON___LFGE 323630	27.27 0.88 -15.79	23.16 0.69 -13.67	22.11 0.66 -12.84	21.21 0.71 -11.80	23.52 0.68 -14.44	24.47 0.94 -13.15	25.89 2.32 -5.32	26.08 3.18 0.00	24.93 2.93 0.00	24.90 2.88 0.00	24.26 2.77 0.00	23.95 2.43 -1.91	21.53 2.20 0.00	22.26 2.17 0.00	22.16 2.23 0.00	23.54 2.67 0.00	27.04 3.05 0.00	31.79 3.73 0.00	30.32 3.77 0.00	28.15 3.26 0.00	25.91 2.90 0.00	23.67 2.63 0.00	21.23 1.91 0.00	21.38 1.25 -5.19
G.F.CEMENT___DRP 24184	25.42 0.77 -14.05	21.57 0.61 -12.16	20.63 0.59 -11.43	19.81 0.62 -10.50	21.85 0.60 -12.84	22.85 0.78 -11.70	24.72 1.73 -4.73	25.26 2.36 0.00	24.33 2.33 0.00	24.61 2.60 0.00	24.08 2.60 0.00	23.82 2.51 -1.70	21.68 2.36 0.00	22.46 2.37 0.00	22.28 2.35 0.00	23.25 2.38 0.00	26.59 2.59 0.00	30.98 2.92 0.00	29.34 2.79 0.00	27.33 2.44 0.00	25.22 2.21 0.00	23.08 2.04 0.00	20.88 1.56 0.00	20.61 1.06 -4.62



GARDENVILLE___LBMP 24039	12.63 0.43 -1.60	10.46 0.28 -1.38	10.23 0.33 -1.30	10.23 0.35 -1.19	10.23 0.37 -1.46	12.28 0.57 -1.34	19.67 0.88 -0.55	24.29 1.35 -0.04	23.12 1.08 -0.04	28.49 1.17 -5.31	27.32 1.35 -4.49	26.27 1.26 -5.40	24.72 1.28 -4.12	24.62 1.21 -3.33	22.92 1.28 -1.72	24.45 1.15 -2.43	28.60 1.63 -2.97	37.44 1.99 -7.38	32.07 1.67 -3.84	26.44 1.54 0.00	24.49 1.47 0.00	21.99 0.95 0.00	19.97 0.66 0.00	15.76 0.30 -0.53
GENERAL___MILLS 23808	12.70 0.49 -1.61	10.51 0.32 -1.39	10.27 0.36 -1.31	10.28 0.38 -1.20	10.29 0.41 -1.47	12.35 0.62 -1.35	19.77 0.97 -0.56	24.41 1.47 -0.05	23.24 1.19 -0.05	29.06 1.28 -5.77	27.82 1.46 -4.88	26.82 1.35 -5.86	25.18 1.37 -4.48	25.01 1.30 -3.62	23.17 1.37 -1.87	24.77 1.25 -2.65	28.61 1.73 -2.89	37.37 2.13 -7.17	32.09 1.81 -3.73	26.56 1.67 -0.01	24.60 1.59 0.00	22.07 1.03 0.00	20.05 0.73 0.00	15.84 0.37 -0.53
GE_PLASTICS___DRP 24183	24.01 0.55 -12.87	20.38 0.45 -11.13	19.50 0.44 -10.46	18.75 0.44 -9.61	20.60 0.44 -11.75	21.62 0.54 -10.70	23.49 0.91 -4.33	24.00 1.10 0.00	23.28 1.28 0.00	23.27 1.25 0.00	22.75 1.27 0.00	22.34 1.18 -1.55	20.49 1.16 0.00	21.27 1.18 0.00	21.12 1.20 0.00	22.12 1.25 0.00	25.22 1.22 0.00	29.38 1.32 0.00	27.83 1.27 0.00	26.08 1.19 0.00	24.14 1.13 0.00	22.20 1.16 0.00	20.28 0.97 0.00	19.90 0.69 -4.28
GILBOA___1 23756	21.09 0.49 -10.00	17.86 0.41 -8.65	17.14 0.40 -8.13	16.57 0.41 -7.47	17.94 0.40 -9.14	19.19 0.49 -8.32	22.55 0.93 -3.37	24.09 1.19 0.00	23.23 1.23 0.00	23.25 1.23 0.00	22.73 1.25 0.00	21.98 1.16 -1.21	20.47 1.14 0.00	21.27 1.18 0.00	21.10 1.18 0.00	22.10 1.23 0.00	25.31 1.32 0.00	29.49 1.43 0.00	27.90 1.35 0.00	26.18 1.29 0.00	24.25 1.24 0.00	22.20 1.16 0.00	20.30 0.98 0.00	18.95 0.70 -3.32
GILBOA___2 23757	21.09 0.49 -10.00	17.86 0.41 -8.65	17.14 0.40 -8.13	16.57 0.41 -7.47	17.94 0.40 -9.14	19.19 0.49 -8.32	22.55 0.93 -3.37	24.09 1.19 0.00	23.23 1.23 0.00	23.25 1.23 0.00	22.73 1.25 0.00	21.98 1.16 -1.21	20.47 1.14 0.00	21.27 1.18 0.00	21.10 1.18 0.00	22.10 1.23 0.00	25.31 1.32 0.00	29.49 1.43 0.00	27.90 1.35 0.00	26.18 1.29 0.00	24.25 1.24 0.00	22.20 1.16 0.00	20.30 0.98 0.00	18.95 0.70 -3.32
GILBOA___3 23758	21.09 0.49 -10.00	17.86 0.41 -8.65	17.14 0.40 -8.13	16.57 0.41 -7.47	17.94 0.40 -9.14	19.19 0.49 -8.32	22.55 0.93 -3.37	24.09 1.19 0.00	23.23 1.23 0.00	23.25 1.23 0.00	22.73 1.25 0.00	21.98 1.16 -1.21	20.47 1.14 0.00	21.27 1.18 0.00	21.10 1.18 0.00	22.10 1.23 0.00	25.31 1.32 0.00	29.49 1.43 0.00	27.90 1.35 0.00	26.18 1.29 0.00	24.25 1.24 0.00	22.20 1.16 0.00	20.30 0.98 0.00	18.95 0.70 -3.32
GILBOA___4 23759	21.09 0.49 -10.00	17.86 0.41 -8.65	17.14 0.40 -8.13	16.57 0.41 -7.47	17.94 0.40 -9.14	19.19 0.49 -8.32	22.55 0.93 -3.37	24.09 1.19 0.00	23.23 1.23 0.00	23.25 1.23 0.00	22.73 1.25 0.00	21.98 1.16 -1.21	20.47 1.14 0.00	21.27 1.18 0.00	21.10 1.18 0.00	22.10 1.23 0.00	25.31 1.32 0.00	29.49 1.43 0.00	27.90 1.35 0.00	26.18 1.29 0.00	24.25 1.24 0.00	22.20 1.16 0.00	20.30 0.98 0.00	18.95 0.70 -3.32
GILBOA___ 23599	21.09 0.49 -10.00	17.86 0.41 -8.65	17.14 0.40 -8.13	16.57 0.41 -7.47	17.94 0.40 -9.14	19.19 0.49 -8.32	22.55 0.93 -3.37	24.09 1.19 0.00	23.23 1.23 0.00	23.25 1.23 0.00	22.73 1.25 0.00	21.98 1.16 -1.21	20.47 1.14 0.00	21.27 1.18 0.00	21.10 1.18 0.00	22.10 1.23 0.00	25.31 1.32 0.00	29.49 1.43 0.00	27.90 1.35 0.00	26.18 1.29 0.00	24.25 1.24 0.00	22.20 1.16 0.00	20.30 0.98 0.00	18.95 0.70 -3.32
GINNA___ 23603	11.38 -0.36 -1.15	9.46 -0.33 -1.00	9.22 -0.32 -0.94	9.24 -0.31 -0.86	9.18 -0.28 -1.05	11.05 -0.28 -0.96	18.12 -0.51 -0.39	22.41 -0.48 0.00	21.41 -0.59 0.00	21.42 -0.53 0.07	20.98 -0.45 0.06	19.26 -0.43 -0.07	18.89 -0.39 0.05	19.59 -0.46 0.04	19.45 -0.46 0.02	20.32 -0.52 0.03	23.49 -0.43 0.08	27.50 -0.37 0.19	26.00 -0.45 0.10	24.42 -0.47 0.00	22.60 -0.41 0.00	20.45 -0.59 0.00	18.70 -0.62 0.00	14.70 -0.61 -0.38
GLEN PARK___ 23778	10.95 -0.05 -0.41	9.07 -0.09 -0.35	8.83 -0.10 -0.33	8.90 -0.10 -0.30	8.68 -0.10 -0.37	10.62 -0.09 -0.34	18.42 0.04 -0.14	23.13 0.23 0.00	22.13 0.13 0.00	22.13 0.11 0.00	21.44 -0.04 0.00	19.59 -0.08 -0.05	19.29 -0.04 0.00	20.01 -0.08 0.00	19.87 -0.06 0.00	20.81 -0.06 0.00	24.11 0.12 0.00	28.43 0.36 0.00	26.92 0.37 0.00	25.21 0.32 0.00	23.19 0.18 0.00	21.06 0.02 0.00	19.26 -0.06 0.00	15.02 -0.04 -0.13
GLENWOOD_IC_1_G5 23712	21.55 1.05 -9.90	18.18 0.88 -8.49	17.49 0.90 -7.98	16.94 0.91 -7.33	18.26 0.88 -8.97	19.68 1.12 -8.18	26.29 2.15 -5.89	32.96 2.84 -7.23	28.49 2.88 -3.60	26.04 2.86 -1.16	25.52 2.90 -1.13	24.83 2.71 -2.51	23.66 2.69 -1.65	24.36 2.81 -1.46	25.14 2.79 -2.42	30.78 2.86 -7.05	33.92 3.17 -6.76	39.03 3.42 -7.54	37.72 3.24 -7.93	35.74 3.14 -7.71	32.95 2.99 -6.95	31.72 2.72 -7.97	24.02 2.41 -2.28	20.05 1.70 -3.41
GLENWOOD_IC_2_G1 23688	21.51 1.01 -9.90	18.13 0.84 -8.49	17.44 0.85 -7.98	16.88 0.85 -7.33	18.21 0.83 -8.97	19.61 1.05 -8.19	26.72 2.01 -6.47	34.43 2.65 -8.88	29.87 2.68 -5.18	26.42 2.66 -1.74	25.00 2.71 -0.81	24.27 2.53 -2.13	23.03 2.53 -1.17	23.76 2.63 -1.04	24.46 2.63 -1.90	30.39 2.69 -6.83	33.70 2.95 -6.76	38.77 3.17 -7.54	37.48 3.00 -7.93	35.49 2.91 -7.69	32.67 2.81 -6.86	31.45 2.54 -7.87	24.85 2.26 -3.28	20.09 1.60 -3.56
GLENWOOD_IC_3_G1 23689	21.51 1.01 -9.90	18.13 0.84 -8.49	17.44 0.85 -7.98	16.88 0.85 -7.33	18.21 0.83 -8.97	19.61 1.05 -8.19	26.72 2.01 -6.47	34.43 2.65 -8.88	29.87 2.68 -5.18	26.42 2.66 -1.74	25.00 2.71 -0.81	24.27 2.53 -2.13	23.03 2.53 -1.17	23.76 2.63 -1.04	24.46 2.63 -1.90	30.39 2.69 -6.83	33.70 2.95 -6.76	38.77 3.17 -7.54	37.48 3.00 -7.93	35.49 2.91 -7.69	32.67 2.81 -6.86	31.45 2.54 -7.87	24.85 2.26 -3.28	20.09 1.60 -3.56
GLENWOOD___4 23550	21.55 1.05 -9.90	18.18 0.88 -8.49	17.49 0.90 -7.98	16.94 0.91 -7.33	18.26 0.88 -8.97	19.68 1.12 -8.18	26.29 2.15 -5.89	32.96 2.84 -7.23	28.49 2.88 -3.60	26.04 2.86 -1.16	25.52 2.90 -1.13	24.83 2.71 -2.51	23.66 2.69 -1.65	24.36 2.81 -1.46	25.14 2.79 -2.42	30.78 2.86 -7.05	33.92 3.17 -6.76	39.03 3.42 -7.54	37.72 3.24 -7.93	35.74 3.14 -7.71	32.95 2.99 -6.95	31.72 2.72 -7.97	24.02 2.41 -2.28	20.05 1.70 -3.41
GLENWOOD___5 23614	21.55 1.05 -9.90	18.18 0.88 -8.49	17.49 0.90 -7.98	16.94 0.91 -7.33	18.26 0.88 -8.97	19.68 1.12 -8.18	26.29 2.15 -5.89	32.96 2.84 -7.23	28.49 2.88 -3.60	26.04 2.86 -1.16	25.52 2.90 -1.13	24.83 2.71 -2.51	23.66 2.69 -1.65	24.36 2.81 -1.46	25.14 2.79 -2.42	30.78 2.86 -7.05	33.92 3.17 -6.76	39.03 3.42 -7.54	37.72 3.24 -7.93	35.74 3.14 -7.71	32.95 2.99 -6.95	31.72 2.72 -7.97	24.02 2.41 -2.28	20.05 1.70 -3.41



GLOBAL GREEN_PORT_GT1 23814	22.36 1.87 -9.90	18.92 1.62 -8.49	18.26 1.67 -7.98	17.73 1.70 -7.33	19.02 1.64 -8.97	20.70 2.14 -8.18	30.00 4.07 -7.69	40.37 5.36 -12.12	30.20 5.04 -3.16	27.73 4.97 -0.74	26.51 4.81 -0.21	25.20 4.16 -1.43	23.85 4.21 -0.31	24.90 4.54 -0.27	26.21 4.56 -1.72	32.50 4.86 -6.77	36.39 5.64 -6.76	41.94 6.34 -7.54	40.56 6.08 -7.93	38.40 5.82 -7.68	35.34 5.50 -6.82	33.77 4.90 -7.83	25.73 4.38 -2.03	21.49 3.09 -3.46
GLOBE___DSASP 323697	11.96 -0.09 -1.45	9.96 -0.12 -1.28	9.76 -0.05 -1.20	9.77 -0.03 -1.11	9.76 0.00 -1.35	11.63 0.05 -1.20	18.69 -0.02 -0.47	23.04 0.18 0.03	21.90 -0.07 0.03	19.96 0.04 2.10	19.96 0.26 1.78	17.98 0.25 1.89	17.98 0.29 1.64	18.94 0.18 1.33	19.47 0.24 0.70	19.98 0.08 0.97	22.91 0.38 1.47	25.01 0.56 3.61	25.00 0.34 1.89	24.87 0.00 0.02	23.06 0.05 0.00	20.75 -0.29 0.00	18.89 -0.43 0.00	14.90 -0.52 -0.49
GOETHSLN___LBMP 323567	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.17 0.80 -8.97	19.54 1.00 -8.17	23.45 1.90 -3.31	25.39 2.50 0.00	24.53 2.53 0.00	24.57 2.55 0.00	24.10 2.62 0.00	23.31 2.51 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.54 2.61 -0.01	23.52 2.65 0.00	26.82 2.83 0.00	31.04 2.97 0.00	29.36 2.81 0.00	27.63 2.74 0.00	25.73 2.71 0.00	23.54 2.50 0.00	21.54 2.22 0.00	19.75 1.57 -3.26
GOODYEAR_LAKE_HYD 323669	14.12 0.42 -3.10	11.83 0.33 -2.69	11.46 0.33 -2.53	11.36 0.34 -2.32	11.58 0.33 -2.84	13.40 0.44 -2.59	20.30 1.00 -1.05	24.29 1.40 0.00	23.32 1.32 0.00	23.39 1.32 -0.05	22.80 1.27 -0.05	21.18 1.14 -0.43	20.49 1.12 -0.04	21.27 1.14 -0.03	21.10 1.16 -0.02	22.10 1.21 -0.02	25.52 1.46 -0.06	29.93 1.71 -0.16	28.28 1.65 -0.08	26.43 1.54 0.00	24.41 1.40 0.00	22.22 1.18 0.00	20.26 0.95 0.00	16.61 0.66 -1.02
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.38 0.36 -3.43	12.06 0.28 -2.97	11.68 0.28 -2.79	11.55 0.29 -2.57	11.84 0.29 -3.14	13.63 0.39 -2.86	20.17 0.77 -1.16	23.95 1.05 0.00	22.97 0.97 0.00	23.11 0.95 -0.14	22.55 0.94 -0.12	21.05 0.88 -0.55	20.33 0.89 -0.11	21.06 0.88 -0.09	20.89 0.92 -0.05	21.85 0.92 -0.06	25.31 1.15 -0.17	29.83 1.35 -0.42	27.99 1.22 -0.22	26.03 1.15 0.00	24.09 1.08 0.00	21.90 0.86 0.00	20.05 0.73 0.00	16.56 0.49 -1.14
GOUDEY___7 23579	14.39 0.37 -3.43	12.06 0.28 -2.97	11.68 0.28 -2.79	11.55 0.29 -2.57	11.84 0.29 -3.14	13.64 0.40 -2.86	20.19 0.78 -1.16	23.97 1.08 0.00	22.99 0.99 0.00	23.13 0.97 -0.14	22.57 0.97 -0.12	21.07 0.90 -0.55	20.35 0.91 -0.11	21.08 0.90 -0.09	20.89 0.92 -0.05	21.88 0.94 -0.06	25.34 1.18 -0.17	29.86 1.37 -0.42	28.02 1.25 -0.22	26.08 1.19 0.00	24.12 1.10 0.00	21.92 0.88 0.00	20.07 0.75 0.00	16.58 0.51 -1.14
GOUDEY___8 23580	14.38 0.36 -3.43	12.06 0.28 -2.97	11.68 0.28 -2.79	11.55 0.29 -2.57	11.84 0.29 -3.14	13.63 0.39 -2.86	20.17 0.77 -1.16	23.95 1.05 0.00	22.97 0.97 0.00	23.11 0.95 -0.14	22.55 0.94 -0.12	21.05 0.88 -0.55	20.33 0.89 -0.11	21.06 0.88 -0.09	20.89 0.92 -0.05	21.85 0.92 -0.06	25.31 1.15 -0.17	29.83 1.35 -0.42	27.99 1.22 -0.22	26.03 1.15 0.00	24.09 1.08 0.00	21.90 0.86 0.00	20.05 0.73 0.00	16.56 0.49 -1.14
GOWANUS_GT1_1 24077	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT1_2 24078	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT1_3 24079	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT1_4 24080	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT1_5 24084	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT1_6 24111	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT1_7 24112	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT1_8 24113	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26



GOWANUS_GT2_1 24114	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT2_2 24115	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT2_3 24116	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT2_4 24117	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT2_5 24118	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT2_6 24119	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT2_7 24120	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT2_8 24121	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT3_1 24122	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT3_2 24123	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT3_3 24124	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT3_4 24125	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT3_5 24126	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT3_6 24127	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT3_7 24128	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26



GOWANUS_GT3_8 24129	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT4_1 24130	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT4_2 24131	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT4_3 24132	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT4_4 24133	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT4_5 24134	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT4_6 24135	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT4_7 24136	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GOWANUS_GT4_8 24137	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GREENIDGE___3 23582	12.79 0.38 -1.82	10.64 0.26 -1.58	10.36 0.28 -1.48	10.34 0.29 -1.36	10.39 0.32 -1.66	12.39 0.50 -1.52	19.87 1.00 -0.62	24.39 1.49 -0.01	23.26 1.25 -0.01	24.32 1.30 -1.00	23.66 1.33 -0.85	22.01 1.20 -1.20	21.32 1.22 -0.78	21.92 1.21 -0.63	21.45 1.20 -0.33	22.50 1.17 -0.46	26.17 1.65 -0.52	31.43 2.08 -1.29	29.11 1.89 -0.67	26.58 1.69 0.00	24.55 1.54 0.00	22.13 1.09 0.00	20.15 0.83 0.00	16.01 0.48 -0.60
GREENIDGE___4 23583	12.79 0.38 -1.82	10.64 0.26 -1.58	10.36 0.28 -1.48	10.34 0.29 -1.36	10.39 0.32 -1.66	12.39 0.50 -1.52	19.87 1.00 -0.62	24.39 1.49 -0.01	23.26 1.25 -0.01	24.32 1.30 -1.00	23.66 1.33 -0.85	22.01 1.20 -1.20	21.32 1.22 -0.78	21.92 1.21 -0.63	21.45 1.20 -0.33	22.50 1.17 -0.46	26.17 1.65 -0.52	31.43 2.08 -1.29	29.11 1.89 -0.67	26.58 1.69 0.00	24.55 1.54 0.00	22.13 1.09 0.00	20.15 0.83 0.00	16.01 0.48 -0.60
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
GROVEVILLE___HYD 323602	21.72 0.95 -10.17	18.41 0.80 -8.80	17.66 0.78 -8.27	17.08 0.79 -7.60	18.47 0.76 -9.29	19.78 0.94 -8.46	23.50 1.82 -3.43	25.19 2.29 0.00	24.25 2.25 0.00	24.24 2.22 0.00	23.72 2.23 0.00	22.90 2.06 -1.23	21.40 2.07 0.00	22.22 2.13 0.00	22.06 2.13 0.00	23.10 2.23 0.00	26.51 2.52 0.00	30.84 2.78 0.00	29.18 2.63 0.00	27.40 2.51 0.00	25.38 2.37 0.00	23.14 2.10 0.00	21.15 1.84 0.00	19.72 1.42 -3.37
HAMPSHIRE___PAPER_HYD 323593	10.23 -0.37 0.00	8.47 -0.33 0.00	8.25 -0.35 0.00	8.35 -0.35 0.00	8.05 -0.35 0.00	9.94 -0.44 0.00	17.37 -0.88 0.00	21.89 -1.01 0.00	20.95 -1.06 0.00	20.83 -1.19 0.00	20.17 -1.31 0.00	18.34 -1.27 0.00	18.09 -1.24 0.00	18.82 -1.26 0.00	18.71 -1.22 0.00	19.64 -1.23 0.00	22.67 -1.32 0.00	26.74 -1.32 0.00	25.33 -1.22 0.00	23.74 -1.14 0.00	21.84 -1.17 0.00	20.09 -0.95 0.00	18.37 -0.95 0.00	14.39 -0.54 0.00
HARDSCRABBLE_WT_PWR 323673	11.02 0.68 0.26	9.13 0.55 0.22	8.94 0.54 0.21	9.05 0.55 0.19	8.69 0.52 0.24	10.83 0.66 0.21	19.38 1.22 0.09	24.50 1.60 0.00	23.54 1.54 0.00	23.58 1.56 0.00	23.01 1.53 0.00	20.94 1.35 0.03	20.62 1.30 0.00	21.37 1.29 0.00	21.18 1.26 0.00	22.21 1.34 0.00	25.63 1.63 0.00	30.00 1.93 0.00	28.38 1.83 0.00	26.63 1.74 0.00	24.67 1.66 0.00	22.49 1.45 0.00	20.65 1.33 0.00	15.83 0.99 0.09



HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.50 0.80 -9.10	17.47 0.70 -7.96	16.78 0.70 -7.48	16.26 0.70 -6.87	17.49 0.67 -8.41	18.86 0.83 -7.66	22.97 1.62 -3.10	24.98 2.08 0.00	24.07 2.07 0.00	24.07 2.05 0.00	23.55 2.06 0.00	22.65 1.92 -1.11	21.24 1.91 0.00	22.08 1.99 0.00	21.92 1.99 0.00	22.94 2.07 0.00	26.32 2.33 0.00	30.59 2.53 0.00	28.91 2.36 0.00	27.18 2.29 0.00	25.20 2.19 0.00	23.00 1.96 0.00	21.02 1.70 0.00	19.25 1.27 -3.05
HARZA MOOSE___RIVER 24016	10.70 0.11 0.00	8.86 0.06 0.00	8.65 0.04 0.00	8.75 0.05 0.00	8.45 0.04 0.00	10.46 0.08 0.00	18.52 0.27 0.00	23.38 0.48 0.00	22.42 0.42 0.00	22.43 0.42 0.00	21.78 0.30 0.00	19.87 0.25 0.00	19.58 0.25 0.00	20.33 0.24 0.00	20.18 0.26 0.00	21.14 0.27 0.00	24.40 0.41 0.00	28.68 0.62 0.00	27.13 0.58 0.00	25.44 0.55 0.00	23.45 0.44 0.00	21.36 0.32 0.00	19.53 0.21 0.00	15.08 0.15 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.57 1.07 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.60 2.59 0.00	24.66 2.64 0.00	24.17 2.69 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.60 2.67 -0.01	23.60 2.73 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.63 2.59 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26
HEMPSTEAD____ 23647	21.54 1.04 -9.91	18.18 0.88 -8.49	17.52 0.93 -7.98	16.97 0.94 -7.33	18.28 0.91 -8.97	19.73 1.17 -8.18	27.02 2.26 -6.51	34.78 2.95 -8.92	29.19 2.99 -4.20	26.33 2.99 -1.32	25.65 2.97 -1.20	24.97 2.77 -2.59	23.83 2.76 -1.74	24.52 2.89 -1.54	25.35 2.85 -2.58	30.90 2.92 -7.11	33.97 3.22 -6.76	39.11 3.51 -7.54	37.77 3.29 -7.93	35.79 3.19 -7.72	33.05 3.06 -6.98	31.81 2.78 -8.00	24.49 2.51 -2.66	20.12 1.76 -3.43
HICKLING___1 23621	13.42 0.60 -2.22	11.16 0.43 -1.92	10.86 0.45 -1.81	10.82 0.47 -1.66	10.93 0.50 -2.03	12.95 0.73 -1.85	20.40 1.41 -0.75	24.95 2.04 -0.01	23.77 1.76 -0.01	25.37 1.81 -1.55	24.68 1.89 -1.31	23.11 1.71 -1.79	22.25 1.72 -1.20	22.77 1.71 -0.97	22.14 1.71 -0.50	23.25 1.67 -0.71	27.04 2.30 -0.74	32.74 2.83 -1.85	30.04 2.52 -0.96	27.20 2.32 0.00	25.15 2.14 0.00	22.60 1.56 0.00	20.50 1.18 0.00	16.40 0.73 -0.74
HICKLING___2 23622	13.42 0.60 -2.22	11.16 0.43 -1.92	10.86 0.45 -1.81	10.82 0.47 -1.66	10.93 0.50 -2.03	12.95 0.73 -1.85	20.40 1.41 -0.75	24.95 2.04 -0.01	23.77 1.76 -0.01	25.37 1.81 -1.55	24.68 1.89 -1.31	23.11 1.71 -1.79	22.25 1.72 -1.20	22.77 1.71 -0.97	22.14 1.71 -0.50	23.25 1.67 -0.71	27.04 2.30 -0.74	32.74 2.83 -1.85	30.04 2.52 -0.96	27.20 2.32 0.00	25.15 2.14 0.00	22.60 1.56 0.00	20.50 1.18 0.00	16.40 0.73 -0.74
HIGH FALLS___HY 23754	21.44 0.80 -10.05	18.19 0.68 -8.71	17.46 0.66 -8.19	16.89 0.67 -7.52	18.26 0.66 -9.20	19.55 0.80 -8.38	23.24 1.61 -3.39	24.84 1.95 0.00	23.87 1.87 0.00	23.84 1.83 0.00	23.31 1.83 0.00	22.52 1.69 -1.22	21.03 1.70 0.00	21.83 1.75 0.00	21.68 1.75 0.00	22.73 1.86 0.00	26.13 2.13 0.00	30.42 2.36 0.00	28.81 2.26 0.00	27.05 2.16 0.00	25.01 2.00 0.00	22.81 1.77 0.00	20.82 1.51 0.00	19.48 1.21 -3.34
HILLBURN___GT 23639	20.65 0.82 -9.24	17.59 0.71 -8.07	16.89 0.71 -7.58	16.36 0.70 -6.97	17.61 0.68 -8.52	18.98 0.84 -7.76	23.03 1.64 -3.14	25.05 2.15 0.00	24.18 2.18 0.00	24.15 2.14 0.00	23.65 2.17 0.00	22.78 2.04 -1.13	21.36 2.03 0.00	22.20 2.11 0.00	22.04 2.11 0.00	23.06 2.19 0.00	26.42 2.42 0.00	30.64 2.58 0.00	28.99 2.44 0.00	27.25 2.37 0.00	25.29 2.28 0.00	23.08 2.04 0.00	21.11 1.80 0.00	19.32 1.30 -3.09
HISHELDN_WT_PWR 323625	12.65 0.38 -1.67	10.49 0.24 -1.45	10.24 0.28 -1.36	10.24 0.30 -1.25	10.26 0.33 -1.53	12.28 0.51 -1.40	19.62 0.80 -0.57	24.18 1.26 -0.02	23.04 1.01 -0.02	26.37 1.10 -3.25	25.50 1.27 -2.75	24.18 1.18 -3.39	23.09 1.24 -2.52	23.31 1.18 -2.04	22.22 1.24 -1.05	23.49 1.13 -1.49	27.43 1.61 -1.83	34.60 1.99 -4.55	30.62 1.70 -2.37	26.43 1.54 0.00	24.49 1.47 0.00	21.99 0.95 0.00	19.97 0.66 0.00	15.78 0.30 -0.55
HOLTSVILLE_IC_1 23690	21.78 1.29 -9.90	18.43 1.14 -8.49	17.78 1.20 -7.98	17.24 1.22 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.86 2.92 -7.69	38.80 3.78 -12.13	28.83 3.67 -3.15	26.41 3.66 -0.74	25.23 3.54 -0.21	24.20 3.16 -1.43	22.84 3.21 -0.30	23.83 3.48 -0.27	25.13 3.49 -1.71	31.25 3.61 -6.76	34.74 3.98 -6.76	39.90 4.29 -7.54	38.57 4.09 -7.93	36.50 3.93 -7.68	33.68 3.84 -6.82	32.36 3.49 -7.83	24.55 3.21 -2.02	20.66 2.27 -3.46
HOLTSVILLE_IC_10 23699	21.84 1.35 -9.90	18.48 1.18 -8.49	17.83 1.24 -7.98	17.29 1.26 -7.33	18.59 1.22 -8.97	20.15 1.59 -8.18	28.97 3.05 -7.67	38.92 3.94 -12.08	28.96 3.79 -3.17	26.53 3.76 -0.75	25.36 3.65 -0.23	24.30 3.24 -1.45	22.94 3.29 -0.33	23.97 3.60 -0.29	25.26 3.61 -1.73	31.40 3.76 -6.77	34.91 4.15 -6.76	40.12 4.52 -7.54	38.75 4.28 -7.93	36.70 4.13 -7.68	33.86 4.03 -6.83	32.51 3.64 -7.83	24.70 3.34 -2.04	20.75 2.36 -3.46
HOLTSVILLE_IC_2 23691	21.78 1.29 -9.90	18.43 1.14 -8.49	17.78 1.20 -7.98	17.24 1.22 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.86 2.92 -7.69	38.80 3.78 -12.13	28.83 3.67 -3.15	26.41 3.66 -0.74	25.23 3.54 -0.21	24.20 3.16 -1.43	22.84 3.21 -0.30	23.83 3.48 -0.27	25.13 3.49 -1.71	31.25 3.61 -6.76	34.74 3.98 -6.76	39.90 4.29 -7.54	38.57 4.09 -7.93	36.50 3.93 -7.68	33.68 3.84 -6.82	32.36 3.49 -7.83	24.55 3.21 -2.02	20.66 2.27 -3.46
HOLTSVILLE_IC_3 23692	21.78 1.29 -9.90	18.43 1.14 -8.49	17.78 1.20 -7.98	17.24 1.22 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.86 2.92 -7.69	38.80 3.78 -12.13	28.83 3.67 -3.15	26.41 3.66 -0.74	25.23 3.54 -0.21	24.20 3.16 -1.43	22.84 3.21 -0.30	23.83 3.48 -0.27	25.13 3.49 -1.71	31.25 3.61 -6.76	34.74 3.98 -6.76	39.90 4.29 -7.54	38.57 4.09 -7.93	36.50 3.93 -7.68	33.68 3.84 -6.82	32.36 3.49 -7.83	24.55 3.21 -2.02	20.66 2.27 -3.46
HOLTSVILLE_IC_4 23693	21.78 1.29 -9.90	18.43 1.14 -8.49	17.78 1.20 -7.98	17.24 1.22 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.86 2.92 -7.69	38.80 3.78 -12.13	28.83 3.67 -3.15	26.41 3.66 -0.74	25.23 3.54 -0.21	24.20 3.16 -1.43	22.84 3.21 -0.30	23.83 3.48 -0.27	25.13 3.49 -1.71	31.25 3.61 -6.76	34.74 3.98 -6.76	39.90 4.29 -7.54	38.57 4.09 -7.93	36.50 3.93 -7.68	33.68 3.84 -6.82	32.36 3.49 -7.83	24.55 3.21 -2.02	20.66 2.27 -3.46
HOLTSVILLE_IC_5 23694	21.78 1.29 -9.90	18.43 1.14 -8.49	17.78 1.20 -7.98	17.24 1.22 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.86 2.92 -7.69	38.80 3.78 -12.13	28.83 3.67 -3.15	26.41 3.66 -0.74	25.23 3.54 -0.21	24.20 3.16 -1.43	22.84 3.21 -0.30	23.83 3.48 -0.27	25.13 3.49 -1.71	31.25 3.61 -6.76	34.74 3.98 -6.76	39.90 4.29 -7.54	38.57 4.09 -7.93	36.50 3.93 -7.68	33.68 3.84 -6.82	32.36 3.49 -7.83	24.55 3.21 -2.02	20.66 2.27 -3.46



HOLTSVILLE_IC_6 23695	21.84 1.35 -9.90	18.48 1.18 -8.49	17.83 1.24 -7.98	17.29 1.26 -7.33	18.59 1.22 -8.97	20.15 1.59 -8.18	28.97 3.05 -7.67	38.92 3.94 -12.08	28.96 3.79 -3.17	26.53 3.76 -0.75	25.36 3.65 -0.23	24.30 3.24 -1.45	22.94 3.29 -0.33	23.97 3.60 -0.29	25.26 3.61 -1.73	31.40 3.76 -6.77	34.91 4.15 -6.76	40.12 4.52 -7.54	38.75 4.28 -7.93	36.70 4.13 -7.68	33.86 4.03 -6.83	32.51 3.64 -7.83	24.70 3.34 -2.04	20.75 2.36 -3.46
HOLTSVILLE_IC_7 23696	21.84 1.35 -9.90	18.48 1.18 -8.49	17.83 1.24 -7.98	17.29 1.26 -7.33	18.59 1.22 -8.97	20.15 1.59 -8.18	28.97 3.05 -7.67	38.92 3.94 -12.08	28.96 3.79 -3.17	26.53 3.76 -0.75	25.36 3.65 -0.23	24.30 3.24 -1.45	22.94 3.29 -0.33	23.97 3.60 -0.29	25.26 3.61 -1.73	31.40 3.76 -6.77	34.91 4.15 -6.76	40.12 4.52 -7.54	38.75 4.28 -7.93	36.70 4.13 -7.68	33.86 4.03 -6.83	32.51 3.64 -7.83	24.70 3.34 -2.04	20.75 2.36 -3.46
HOLTSVILLE_IC_8 23697	21.84 1.35 -9.90	18.48 1.18 -8.49	17.83 1.24 -7.98	17.29 1.26 -7.33	18.59 1.22 -8.97	20.15 1.59 -8.18	28.97 3.05 -7.67	38.92 3.94 -12.08	28.96 3.79 -3.17	26.53 3.76 -0.75	25.36 3.65 -0.23	24.30 3.24 -1.45	22.94 3.29 -0.33	23.97 3.60 -0.29	25.26 3.61 -1.73	31.40 3.76 -6.77	34.91 4.15 -6.76	40.12 4.52 -7.54	38.75 4.28 -7.93	36.70 4.13 -7.68	33.86 4.03 -6.83	32.51 3.64 -7.83	24.70 3.34 -2.04	20.75 2.36 -3.46
HOLTSVILLE_IC_9 23698	21.84 1.35 -9.90	18.48 1.18 -8.49	17.83 1.24 -7.98	17.29 1.26 -7.33	18.59 1.22 -8.97	20.15 1.59 -8.18	28.97 3.05 -7.67	38.92 3.94 -12.08	28.96 3.79 -3.17	26.53 3.76 -0.75	25.36 3.65 -0.23	24.30 3.24 -1.45	22.94 3.29 -0.33	23.97 3.60 -0.29	25.26 3.61 -1.73	31.40 3.76 -6.77	34.91 4.15 -6.76	40.12 4.52 -7.54	38.75 4.28 -7.93	36.70 4.13 -7.68	33.86 4.03 -6.83	32.51 3.64 -7.83	24.70 3.34 -2.04	20.75 2.36 -3.46
HOWARD_WT_PWR 323690	13.03 0.52 -1.92	10.83 0.36 -1.66	10.55 0.38 -1.56	10.53 0.40 -1.43	10.60 0.44 -1.75	12.66 0.68 -1.60	20.21 1.31 -0.65	24.88 1.97 -0.02	23.76 1.74 -0.02	26.06 1.85 -2.19	25.29 1.95 -1.85	23.80 1.80 -2.38	22.88 1.86 -1.70	23.31 1.85 -1.37	22.53 1.89 -0.71	23.73 1.86 -1.00	27.55 2.52 -1.03	33.66 3.03 -2.56	30.57 2.68 -1.33	27.30 2.41 0.00	25.22 2.21 0.00	22.62 1.58 0.00	20.50 1.18 0.00	16.25 0.69 -0.64
HQ_GEN_CEDARS 23644	10.15 -0.44 0.00	8.42 -0.39 0.00	8.21 -0.40 0.00	8.29 -0.40 0.00	8.00 -0.40 0.00	9.85 -0.53 0.00	16.84 -1.40 0.00	21.16 -1.74 0.00	20.22 -1.78 0.00	20.19 -1.83 0.00	19.55 -1.93 0.00	17.79 -1.82 0.00	17.51 -1.82 0.00	18.26 -1.83 0.00	18.17 -1.75 0.00	19.10 -1.77 0.00	21.98 -2.02 0.00	25.90 -2.16 0.00	24.56 -1.99 0.00	23.02 -1.87 0.00	21.17 -1.84 0.00	19.48 -1.56 0.00	17.83 -1.49 0.00	14.24 -0.69 0.00
HQ_GEN_CEDARS_PROXY 323590	10.15 -0.44 0.00	8.42 -0.39 0.00	8.21 -0.40 0.00	8.29 -0.40 0.00	8.00 -0.40 0.00	9.85 -0.53 0.00	16.84 -1.40 0.00	21.16 -1.74 0.00	20.22 -1.78 0.00	20.19 -1.83 0.00	19.55 -1.93 0.00	17.79 -1.82 0.00	17.51 -1.82 0.00	18.26 -1.83 0.00	18.17 -1.75 0.00	19.10 -1.77 0.00	21.98 -2.02 0.00	25.90 -2.16 0.00	24.56 -1.99 0.00	23.02 -1.87 0.00	21.17 -1.84 0.00	19.48 -1.56 0.00	17.83 -1.49 0.00	14.24 -0.69 0.00
HQ_GEN_IMPORT 323601	10.28 -0.32 0.00	8.55 -0.26 0.00	8.35 -0.26 0.00	8.43 -0.26 0.00	8.15 -0.26 0.00	10.03 -0.34 0.00	17.55 -0.69 0.00	22.03 -0.87 0.00	21.12 -0.88 0.00	21.14 -0.88 0.00	20.56 -0.92 0.00	18.75 -0.86 0.00	18.48 -0.85 0.00	19.22 -0.86 0.00	19.09 -0.84 0.00	20.03 -0.84 0.00	23.03 -0.96 0.00	27.00 -1.07 0.00	25.57 -0.98 0.00	23.97 -0.92 0.00	22.14 -0.87 0.00	20.26 -0.78 0.00	18.58 -0.73 0.00	14.47 -0.46 0.00
HQ_GEN_WHEEL 23651	10.28 -0.32 0.00	8.55 -0.26 0.00	8.35 -0.26 0.00	8.43 -0.26 0.00	8.15 -0.26 0.00	10.03 -0.34 0.00	17.55 -0.69 0.00	22.03 -0.87 0.00	21.12 -0.88 0.00	21.14 -0.88 0.00	20.56 -0.92 0.00	18.75 -0.86 0.00	18.48 -0.85 0.00	19.22 -0.86 0.00	19.09 -0.84 0.00	20.03 -0.84 0.00	23.03 -0.96 0.00	27.00 -1.07 0.00	25.57 -0.98 0.00	23.97 -0.92 0.00	22.14 -0.87 0.00	20.26 -0.78 0.00	18.58 -0.73 0.00	14.47 -0.46 0.00
HUDSON_AVE_GT_3 23810	21.54 1.04 -9.90	18.16 0.86 -8.49	17.43 0.84 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.56 1.02 -8.17	23.51 1.95 -3.31	25.48 2.59 0.00	24.64 2.64 0.00	24.66 2.69 0.00	24.17 2.69 0.00	23.35 2.55 -1.18	21.86 2.53 0.00	22.72 2.63 0.00	22.58 2.65 -0.01	23.56 2.69 0.00	26.92 2.93 0.00	31.15 3.09 0.00	29.50 2.95 0.00	27.75 2.86 0.00	25.79 2.78 0.00	23.56 2.52 0.00	21.58 2.26 0.00	19.78 1.60 -3.26
HUDSON_AVE_GT_4 23540	21.54 1.04 -9.90	18.16 0.86 -8.49	17.43 0.84 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.56 1.02 -8.17	23.51 1.95 -3.31	25.48 2.59 0.00	24.64 2.64 0.00	24.66 2.69 0.00	24.17 2.69 0.00	23.35 2.55 -1.18	21.86 2.53 0.00	22.72 2.63 0.00	22.58 2.65 -0.01	23.56 2.69 0.00	26.92 2.93 0.00	31.15 3.09 0.00	29.50 2.95 0.00	27.75 2.86 0.00	25.79 2.78 0.00	23.56 2.52 0.00	21.58 2.26 0.00	19.78 1.60 -3.26
HUDSON_AVE_GT_5 23657	21.54 1.04 -9.90	18.16 0.86 -8.49	17.43 0.84 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.56 1.02 -8.17	23.51 1.95 -3.31	25.48 2.59 0.00	24.64 2.64 0.00	24.66 2.69 0.00	24.17 2.69 0.00	23.35 2.55 -1.18	21.86 2.53 0.00	22.72 2.63 0.00	22.58 2.65 -0.01	23.56 2.69 0.00	26.92 2.93 0.00	31.15 3.09 0.00	29.50 2.95 0.00	27.75 2.86 0.00	25.79 2.78 0.00	23.56 2.52 0.00	21.58 2.26 0.00	19.78 1.60 -3.26
HUDSON_AVE_10 24168	21.50 1.01 -9.90	18.13 0.84 -8.49	17.39 0.81 -7.98	16.83 0.81 -7.33	18.16 0.79 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.44 2.54 0.00	24.62 2.62 0.00	24.61 2.60 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.80 2.47 0.00	22.66 2.57 0.00	22.52 2.59 -0.01	23.52 2.65 0.00	26.85 2.85 0.00	31.07 3.00 0.00	29.42 2.87 0.00	27.68 2.79 0.00	25.75 2.74 0.00	23.50 2.46 0.00	21.54 2.22 0.00	19.74 1.55 -3.26
HUNTER_MOUNT___DRP 323613	22.61 0.91 -11.10	19.17 0.77 -9.60	18.36 0.73 -9.02	17.72 0.74 -8.29	19.29 0.74 -10.14	20.50 0.89 -9.24	23.66 1.68 -3.74	24.68 1.79 0.00	23.74 1.74 0.00	23.74 1.72 0.00	23.16 1.68 0.00	22.44 1.49 -1.34	20.82 1.49 0.00	21.55 1.47 0.00	21.44 1.51 0.00	22.52 1.65 0.00	25.89 1.90 0.00	30.28 2.22 0.00	28.68 2.12 0.00	26.81 1.92 0.00	24.69 1.68 0.00	22.62 1.58 0.00	20.61 1.29 0.00	19.83 1.21 -3.69
HUNTINGTON_RES_REC 323705	21.69 1.20 -9.90	18.33 1.03 -8.49	17.68 1.09 -7.98	17.14 1.11 -7.33	18.45 1.08 -8.97	19.96 1.40 -8.18	28.59 2.68 -7.66	38.45 3.50 -12.05	28.60 3.43 -3.17	26.20 3.43 -0.75	25.06 3.35 -0.23	24.11 3.04 -1.45	22.73 3.07 -0.33	23.68 3.29 -0.29	24.92 3.27 -1.73	31.02 3.38 -6.77	34.47 3.72 -6.76	39.67 4.07 -7.54	38.33 3.85 -7.93	36.28 3.71 -7.68	33.42 3.59 -6.82	32.11 3.24 -7.83	24.33 2.97 -2.03	20.48 2.09 -3.46



HUNTLEY___63 23557	12.61 0.46 -1.56	10.41 0.29 -1.32	10.18 0.34 -1.24	10.20 0.37 -1.14	10.18 0.39 -1.39	12.27 0.59 -1.31	19.74 0.93 -0.56	24.32 1.42 0.00	23.12 1.12 0.00	24.42 1.23 -1.17	23.91 1.44 -0.99	22.26 1.31 -1.33	21.57 1.33 -0.91	22.09 1.27 -0.73	21.64 1.34 -0.37	22.59 1.19 -0.53	30.58 1.70 -4.89	42.25 2.08 -12.11	34.64 1.78 -6.31	26.24 1.32 -0.03	24.23 1.22 0.00	21.76 0.72 0.00	19.78 0.46 0.00	15.57 0.13 -0.50
HUNTLEY___64 23558	12.61 0.46 -1.56	10.41 0.29 -1.32	10.18 0.34 -1.24	10.20 0.37 -1.14	10.18 0.39 -1.39	12.27 0.59 -1.31	19.74 0.93 -0.56	24.32 1.42 0.00	23.12 1.12 0.00	24.42 1.23 -1.17	23.91 1.44 -0.99	22.26 1.31 -1.33	21.57 1.33 -0.91	22.09 1.27 -0.73	21.64 1.34 -0.37	22.59 1.19 -0.53	30.58 1.70 -4.89	42.25 2.08 -12.11	34.64 1.78 -6.31	26.24 1.32 -0.03	24.23 1.22 0.00	21.76 0.72 0.00	19.78 0.46 0.00	15.57 0.13 -0.50
HUNTLEY___65 23559	12.61 0.46 -1.56	10.41 0.29 -1.32	10.18 0.34 -1.24	10.20 0.37 -1.14	10.18 0.39 -1.39	12.27 0.59 -1.31	19.74 0.93 -0.56	24.32 1.42 0.00	23.12 1.12 0.00	24.42 1.23 -1.17	23.91 1.44 -0.99	22.26 1.31 -1.33	21.57 1.33 -0.91	22.09 1.27 -0.73	21.64 1.34 -0.37	22.59 1.19 -0.53	30.58 1.70 -4.89	42.25 2.08 -12.11	34.64 1.78 -6.31	26.24 1.32 -0.03	24.23 1.22 0.00	21.76 0.72 0.00	19.78 0.46 0.00	15.57 0.13 -0.50
HUNTLEY___66 23560	12.61 0.46 -1.56	10.41 0.29 -1.32	10.18 0.34 -1.24	10.20 0.37 -1.14	10.18 0.39 -1.39	12.27 0.59 -1.31	19.74 0.93 -0.56	24.32 1.42 0.00	23.12 1.12 0.00	24.42 1.23 -1.17	23.91 1.44 -0.99	22.26 1.31 -1.33	21.57 1.33 -0.91	22.09 1.27 -0.73	21.64 1.34 -0.37	22.59 1.19 -0.53	30.58 1.70 -4.89	42.25 2.08 -12.11	34.64 1.78 -6.31	26.24 1.32 -0.03	24.23 1.22 0.00	21.76 0.72 0.00	19.78 0.46 0.00	15.57 0.13 -0.50
HUNTLEY___67 23561	12.38 0.24 -1.54	10.27 0.13 -1.33	10.04 0.18 -1.25	10.04 0.20 -1.15	10.04 0.23 -1.41	12.05 0.38 -1.29	19.25 0.47 -0.53	23.78 0.85 -0.04	22.63 0.59 -0.04	28.90 0.66 -6.23	27.61 0.86 -5.27	26.72 0.80 -6.30	24.99 0.83 -4.83	24.74 0.74 -3.91	22.76 0.82 -2.02	24.39 0.67 -2.85	29.10 1.05 -4.05	39.48 1.35 -10.07	32.85 1.06 -5.24	25.86 0.97 0.00	23.95 0.94 0.00	21.52 0.48 0.00	19.59 0.27 0.00	15.46 0.01 -0.51
HUNTLEY___68 23562	12.38 0.24 -1.54	10.27 0.13 -1.33	10.04 0.18 -1.25	10.04 0.20 -1.15	10.04 0.23 -1.41	12.05 0.38 -1.29	19.25 0.47 -0.53	23.78 0.85 -0.04	22.63 0.59 -0.04	28.90 0.66 -6.23	27.61 0.86 -5.27	26.72 0.80 -6.30	24.99 0.83 -4.83	24.74 0.74 -3.91	22.76 0.82 -2.02	24.39 0.67 -2.85	29.10 1.05 -4.05	39.48 1.35 -10.07	32.85 1.06 -5.24	25.86 0.97 0.00	23.95 0.94 0.00	21.52 0.48 0.00	19.59 0.27 0.00	15.46 0.01 -0.51
HYLAND___LFGE 323620	12.79 0.60 -1.59	10.61 0.42 -1.38	10.33 0.42 -1.30	10.33 0.44 -1.19	10.34 0.48 -1.46	12.45 0.75 -1.33	20.27 1.48 -0.54	25.10 2.20 -0.01	23.83 1.83 -0.01	25.04 1.94 -1.09	24.38 1.98 -0.92	22.64 1.77 -1.26	21.97 1.80 -0.84	22.58 1.81 -0.68	22.11 1.83 -0.35	23.22 1.86 -0.50	27.18 2.52 -0.67	33.02 3.31 -1.65	30.38 2.97 -0.86	27.55 2.66 0.00	25.45 2.44 0.00	22.85 1.81 0.00	20.69 1.37 0.00	16.25 0.79 -0.53
INDECK___CORINTH 23802	25.38 0.69 -14.10	21.55 0.55 -12.20	20.60 0.53 -11.46	19.78 0.56 -10.53	21.82 0.53 -12.88	22.81 0.71 -11.73	24.58 1.59 -4.75	25.09 2.20 0.00	24.18 2.18 0.00	24.50 2.49 0.00	23.97 2.49 0.00	23.77 2.45 -1.70	21.61 2.28 0.00	22.38 2.29 0.00	22.20 2.27 0.00	23.12 2.25 0.00	26.44 2.45 0.00	30.81 2.75 0.00	29.13 2.57 0.00	27.13 2.24 0.00	25.06 2.05 0.00	22.91 1.87 0.00	20.75 1.43 0.00	20.52 0.96 -4.63
INDECK___ILION 23567	10.74 0.40 0.26	8.91 0.33 0.22	8.72 0.32 0.21	8.82 0.32 0.19	8.48 0.31 0.24	10.56 0.40 0.21	18.93 0.77 0.09	23.88 0.98 0.00	22.95 0.95 0.00	22.98 0.97 0.00	22.43 0.94 0.00	20.45 0.86 0.03	20.16 0.83 0.00	20.93 0.84 0.00	20.74 0.82 0.00	21.73 0.86 0.00	25.03 1.03 0.00	29.30 1.23 0.00	27.72 1.17 0.00	25.98 1.09 0.00	24.02 1.01 0.00	21.94 0.90 0.00	20.13 0.81 0.00	15.44 0.60 0.09
INDECK___OLEAN 23982	13.21 0.80 -1.81	10.95 0.59 -1.56	10.70 0.63 -1.47	10.69 0.65 -1.35	10.72 0.66 -1.65	12.82 0.93 -1.51	20.52 1.66 -0.62	25.23 2.29 -0.04	24.02 1.98 -0.04	28.92 2.02 -4.88	27.78 2.17 -4.12	26.62 2.00 -5.01	25.11 1.99 -3.79	25.08 1.93 -3.06	23.49 1.97 -1.59	25.01 1.90 -2.24	28.43 2.52 -1.91	35.79 2.97 -4.75	31.60 2.57 -2.47	27.33 2.44 0.00	25.36 2.35 0.00	22.78 1.75 0.00	20.65 1.33 0.00	16.41 0.88 -0.60
INDECK___OSWEGO 23783	11.24 -0.13 -0.77	9.36 -0.11 -0.67	9.12 -0.11 -0.63	9.16 -0.11 -0.58	9.01 -0.10 -0.71	10.92 -0.10 -0.64	18.36 -0.15 -0.26	22.67 -0.23 0.00	21.71 -0.29 0.00	21.75 -0.26 0.00	21.23 -0.26 0.00	19.49 -0.22 -0.09	19.12 -0.21 0.00	19.85 -0.24 0.00	19.65 -0.28 0.00	20.54 -0.33 0.00	23.68 -0.31 0.00	27.73 -0.34 0.00	26.23 -0.32 0.00	24.56 -0.32 0.00	22.69 -0.32 0.00	20.72 -0.32 0.00	19.12 -0.19 0.00	15.01 -0.18 -0.26
INDECK___YERKES 23781	12.62 0.47 -1.56	10.43 0.31 -1.32	10.19 0.34 -1.24	10.20 0.37 -1.14	10.20 0.40 -1.39	12.30 0.61 -1.31	19.77 0.97 -0.56	24.36 1.47 0.00	23.17 1.17 0.00	24.44 1.25 -1.17	23.94 1.46 -0.99	22.30 1.35 -1.33	21.61 1.37 -0.91	22.13 1.30 -0.73	21.67 1.37 -0.37	22.61 1.21 -0.53	30.61 1.73 -4.89	42.30 2.13 -12.11	34.67 1.81 -6.31	26.29 1.37 -0.03	24.28 1.26 0.00	21.80 0.76 0.00	19.82 0.50 0.00	15.60 0.16 -0.50
INDIAN POINT_GT_1 24139	21.19 0.84 -9.76	17.91 0.70 -8.41	17.20 0.70 -7.90	16.65 0.70 -7.26	17.96 0.67 -8.88	19.29 0.83 -8.08	23.14 1.62 -3.27	25.07 2.18 0.00	24.20 2.20 0.00	24.18 2.16 0.00	23.70 2.21 0.00	22.85 2.06 -1.17	21.40 2.07 0.00	22.24 2.15 0.00	22.08 2.15 0.00	23.08 2.21 0.00	26.42 2.42 0.00	30.64 2.58 0.00	28.99 2.44 0.00	27.28 2.39 0.00	25.31 2.30 0.00	23.12 2.08 0.00	21.15 1.84 0.00	19.45 1.30 -3.22
INDIAN POINT_GT_2 23659	21.19 0.84 -9.76	17.91 0.70 -8.41	17.20 0.70 -7.90	16.65 0.70 -7.26	17.96 0.67 -8.88	19.29 0.83 -8.08	23.14 1.62 -3.27	25.07 2.18 0.00	24.20 2.20 0.00	24.18 2.16 0.00	23.70 2.21 0.00	22.85 2.06 -1.17	21.40 2.07 0.00	22.24 2.15 0.00	22.08 2.15 0.00	23.08 2.21 0.00	26.42 2.42 0.00	30.64 2.58 0.00	28.99 2.44 0.00	27.28 2.39 0.00	25.31 2.30 0.00	23.12 2.08 0.00	21.15 1.84 0.00	19.45 1.30 -3.22
INDIAN POINT_GT_3 24019	21.19 0.84 -9.76	17.91 0.70 -8.41	17.20 0.70 -7.90	16.65 0.70 -7.26	17.96 0.67 -8.88	19.29 0.83 -8.08	23.14 1.62 -3.27	25.07 2.18 0.00	24.20 2.20 0.00	24.18 2.16 0.00	23.70 2.21 0.00	22.85 2.06 -1.17	21.40 2.07 0.00	22.24 2.15 0.00	22.08 2.15 0.00	23.08 2.21 0.00	26.42 2.42 0.00	30.64 2.58 0.00	28.99 2.44 0.00	27.28 2.39 0.00	25.31 2.30 0.00	23.12 2.08 0.00	21.15 1.84 0.00	19.45 1.30 -3.22



INDIAN POINT___2 23530	20.89 0.80 -9.49	17.77 0.68 -8.29	17.07 0.67 -7.79	16.52 0.67 -7.16	17.81 0.65 -8.76	19.15 0.80 -7.97	23.04 1.57 -3.23	24.98 2.08 0.00	24.11 2.11 0.00	24.11 2.09 0.00	23.61 2.13 0.00	22.77 2.00 -1.16	21.32 1.99 0.00	22.18 2.09 0.00	22.00 2.07 0.00	23.02 2.15 0.00	26.35 2.35 0.00	30.56 2.50 0.00	28.89 2.34 0.00	27.18 2.29 0.00	25.22 2.21 0.00	23.04 2.00 0.00	21.07 1.76 0.00	19.36 1.25 -3.18
INDIAN POINT___3 23531	21.37 0.84 -9.93	17.89 0.68 -8.41	17.18 0.67 -7.90	16.62 0.67 -7.26	17.94 0.65 -8.88	19.26 0.80 -8.09	23.09 1.57 -3.27	24.98 2.08 0.00	24.11 2.11 0.00	24.09 2.07 0.00	23.61 2.13 0.00	22.79 2.00 -1.17	21.32 1.99 0.00	22.16 2.07 0.00	22.00 2.07 0.00	23.00 2.13 0.00	26.32 2.33 0.00	30.53 2.47 0.00	28.89 2.34 0.00	27.18 2.29 0.00	25.22 2.21 0.00	23.04 2.00 0.00	21.07 1.76 0.00	19.41 1.25 -3.22
IP CORINTH___1 23988	25.38 0.69 -14.10	21.55 0.55 -12.20	20.60 0.53 -11.46	19.78 0.56 -10.53	21.82 0.53 -12.88	22.81 0.71 -11.73	24.58 1.59 -4.75	25.09 2.20 0.00	24.18 2.18 0.00	24.50 2.49 0.00	23.97 2.49 0.00	23.77 2.45 -1.70	21.61 2.28 0.00	22.38 2.29 0.00	22.20 2.27 0.00	23.12 2.25 0.00	26.44 2.45 0.00	30.81 2.75 0.00	29.13 2.57 0.00	27.13 2.24 0.00	25.06 2.05 0.00	22.91 1.87 0.00	20.75 1.43 0.00	20.52 0.96 -4.63
IP___TICONDEROGA 23804	25.60 0.93 -14.07	21.71 0.73 -12.18	20.75 0.71 -11.44	19.95 0.75 -10.51	21.98 0.71 -12.86	23.05 0.97 -11.71	25.19 2.21 -4.74	25.99 3.09 0.00	24.99 2.99 0.00	25.30 3.28 0.00	24.73 3.24 0.00	24.39 3.08 -1.70	22.19 2.86 0.00	22.92 2.83 0.00	22.74 2.81 0.00	23.79 2.92 0.00	27.26 3.26 0.00	31.85 3.79 0.00	30.19 3.64 0.00	28.02 3.14 0.00	25.84 2.83 0.00	23.61 2.57 0.00	21.25 1.93 0.00	20.85 1.30 -4.62
ISLIP_RES_REC 323679	21.88 1.39 -9.90	18.51 1.22 -8.49	17.86 1.27 -7.98	17.32 1.30 -7.33	18.63 1.25 -8.97	20.19 1.63 -8.18	29.03 3.12 -7.66	39.00 4.05 -12.05	29.09 3.89 -3.19	26.65 3.88 -0.76	25.48 3.76 -0.24	24.41 3.33 -1.46	23.04 3.36 -0.35	24.07 3.68 -0.31	25.37 3.71 -1.74	31.51 3.86 -6.78	35.05 4.29 -6.76	40.29 4.69 -7.54	38.94 4.46 -7.93	36.88 4.31 -7.68	34.00 4.17 -6.83	32.64 3.77 -7.83	24.80 3.44 -2.05	20.81 2.42 -3.46
JARVIS____ 23743	10.44 0.10 0.26	8.66 0.08 0.22	8.47 0.08 0.21	8.58 0.08 0.19	8.25 0.08 0.24	10.25 0.09 0.21	18.38 0.22 0.09	23.17 0.28 0.00	22.29 0.29 0.00	22.30 0.29 0.00	21.78 0.30 0.00	19.86 0.27 0.03	19.60 0.27 0.00	20.35 0.26 0.00	20.18 0.26 0.00	21.14 0.27 0.00	24.31 0.31 0.00	28.43 0.36 0.00	26.90 0.34 0.00	25.21 0.32 0.00	23.31 0.30 0.00	21.29 0.25 0.00	19.55 0.23 0.00	14.99 0.15 0.09
JENNISON___1 23625	15.39 0.65 -4.14	12.92 0.51 -3.60	12.49 0.50 -3.38	12.31 0.50 -3.11	12.71 0.50 -3.80	14.49 0.65 -3.46	21.07 1.42 -1.40	24.87 1.97 0.00	23.85 1.85 0.00	23.98 1.87 -0.09	23.35 1.78 -0.08	21.84 1.63 -0.60	21.02 1.62 -0.07	21.79 1.65 -0.06	21.61 1.65 -0.03	22.64 1.73 -0.04	26.27 2.16 -0.11	30.92 2.58 -0.28	29.14 2.44 -0.14	27.18 2.29 0.00	25.08 2.07 0.00	22.74 1.70 0.00	20.73 1.41 0.00	17.31 1.00 -1.38
JENNISON___2 23626	15.39 0.65 -4.14	12.92 0.51 -3.60	12.49 0.50 -3.38	12.31 0.50 -3.11	12.71 0.50 -3.80	14.49 0.65 -3.46	21.07 1.42 -1.40	24.87 1.97 0.00	23.85 1.85 0.00	23.98 1.87 -0.09	23.35 1.78 -0.08	21.84 1.63 -0.60	21.02 1.62 -0.07	21.79 1.65 -0.06	21.61 1.65 -0.03	22.64 1.73 -0.04	26.27 2.16 -0.11	30.92 2.58 -0.28	29.14 2.44 -0.14	27.18 2.29 0.00	25.08 2.07 0.00	22.74 1.70 0.00	20.73 1.41 0.00	17.31 1.00 -1.38
JERICHO_RISE_WT_PWR 323719	10.38 -0.21 0.00	8.57 -0.24 0.00	8.33 -0.28 0.00	8.42 -0.28 0.00	8.10 -0.31 0.00	9.95 -0.43 0.00	17.30 -0.95 0.00	21.68 -1.21 0.00	20.57 -1.43 0.00	20.65 -1.37 0.00	19.92 -1.57 0.00	18.01 -1.61 0.00	17.65 -1.68 0.00	18.46 -1.63 0.00	18.47 -1.45 0.00	19.53 -1.34 0.00	22.53 -1.46 0.00	26.77 -1.29 0.00	25.49 -1.06 0.00	23.94 -0.95 0.00	22.07 -0.94 0.00	20.30 -0.74 0.00	18.60 -0.71 0.00	14.60 -0.33 0.00
KCE_NY_1 323755	25.41 0.80 -14.02	21.57 0.63 -12.13	20.63 0.62 -11.40	19.81 0.64 -10.48	21.83 0.61 -12.81	22.84 0.80 -11.67	24.61 1.64 -4.72	25.09 2.20 0.00	24.18 2.18 0.00	24.33 2.31 0.00	23.78 2.30 0.00	23.46 2.16 -1.69	21.38 2.05 0.00	22.16 2.07 0.00	21.98 2.05 0.00	23.02 2.15 0.00	26.32 2.33 0.00	30.73 2.67 0.00	29.10 2.55 0.00	27.18 2.29 0.00	25.10 2.09 0.00	23.00 1.96 0.00	20.88 1.56 0.00	20.63 1.09 -4.61
KEDC PORT_JEFF_GT2 24210	21.83 1.34 -9.90	18.47 1.17 -8.49	17.82 1.23 -7.98	17.27 1.24 -7.33	18.58 1.20 -8.97	20.13 1.57 -8.18	28.92 2.99 -7.68	38.89 3.89 -12.10	28.84 3.67 -3.17	26.42 3.66 -0.75	25.27 3.57 -0.22	24.19 3.14 -1.44	22.86 3.21 -0.32	23.91 3.54 -0.28	25.22 3.57 -1.72	31.35 3.71 -6.77	34.83 4.08 -6.76	40.01 4.41 -7.54	38.65 4.17 -7.93	36.63 4.06 -7.68	33.82 3.98 -6.82	32.49 3.62 -7.83	24.65 3.30 -2.03	20.72 2.33 -3.46
KEDC PORT_JEFF_GT3 24211	21.83 1.34 -9.90	18.47 1.17 -8.49	17.82 1.23 -7.98	17.27 1.24 -7.33	18.58 1.20 -8.97	20.13 1.57 -8.18	28.92 2.99 -7.68	38.89 3.89 -12.10	28.84 3.67 -3.17	26.42 3.66 -0.75	25.27 3.57 -0.22	24.19 3.14 -1.44	22.86 3.21 -0.32	23.91 3.54 -0.28	25.22 3.57 -1.72	31.35 3.71 -6.77	34.83 4.08 -6.76	40.01 4.41 -7.54	38.65 4.17 -7.93	36.63 4.06 -7.68	33.82 3.98 -6.82	32.49 3.62 -7.83	24.65 3.30 -2.03	20.72 2.33 -3.46
KEDC_GLWD_GT4 24219	21.55 1.05 -9.90	18.18 0.88 -8.49	17.49 0.90 -7.98	16.94 0.91 -7.33	18.26 0.88 -8.97	19.68 1.12 -8.18	26.29 2.15 -5.89	32.96 2.84 -7.23	28.49 2.88 -3.60	26.04 2.86 -1.16	25.52 2.90 -1.13	24.83 2.71 -2.51	23.66 2.69 -1.65	24.36 2.81 -1.46	25.14 2.79 -2.42	30.78 2.86 -7.05	33.92 3.17 -6.76	39.03 3.42 -7.54	37.72 3.24 -7.93	35.74 3.14 -7.71	32.95 2.99 -6.95	31.72 2.72 -7.97	24.02 2.41 -2.28	20.05 1.70 -3.41
KEDC_GLWD_GT5 24220	21.55 1.05 -9.90	18.18 0.88 -8.49	17.49 0.90 -7.98	16.94 0.91 -7.33	18.26 0.88 -8.97	19.68 1.12 -8.18	26.29 2.15 -5.89	32.96 2.84 -7.23	28.49 2.88 -3.60	26.04 2.86 -1.16	25.52 2.90 -1.13	24.83 2.71 -2.51	23.66 2.69 -1.65	24.36 2.81 -1.46	25.14 2.79 -2.42	30.78 2.86 -7.05	33.92 3.17 -6.76	39.03 3.42 -7.54	37.72 3.24 -7.93	35.74 3.14 -7.71	32.95 2.99 -6.95	31.72 2.72 -7.97	24.02 2.41 -2.28	20.05 1.70 -3.41
KENSICO____ 23655	21.40 0.92 -9.89	18.04 0.77 -8.48	17.33 0.76 -7.96	16.77 0.76 -7.32	18.09 0.73 -8.95	19.43 0.90 -8.15	23.30 1.75 -3.30	25.21 2.31 0.00	24.36 2.36 0.00	24.33 2.31 0.00	23.85 2.36 0.00	23.01 2.22 -1.18	21.53 2.20 0.00	22.40 2.31 0.00	22.24 2.31 0.00	23.25 2.38 0.00	26.59 2.59 0.00	30.84 2.78 0.00	29.18 2.63 0.00	27.43 2.54 0.00	25.47 2.46 0.00	23.27 2.23 0.00	21.29 1.97 0.00	19.58 1.40 -3.25



KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.92 0.83 -9.50	17.75 0.70 -8.24	17.04 0.69 -7.74	16.50 0.69 -7.12	17.78 0.67 -8.70	19.12 0.82 -7.93	23.10 1.64 -3.21	24.89 1.99 0.00	23.94 1.94 0.00	23.91 1.89 0.00	23.35 1.87 0.00	22.49 1.73 -1.15	21.07 1.74 0.00	21.87 1.79 0.00	21.72 1.79 0.00	22.77 1.90 0.00	26.18 2.18 0.00	30.50 2.44 0.00	28.86 2.31 0.00	27.10 2.21 0.00	25.06 2.05 0.00	22.85 1.81 0.00	20.86 1.55 0.00	19.35 1.25 -3.16
KIAC_JFK_GT1 23816	21.49 1.00 -9.90	18.11 0.82 -8.49	17.38 0.79 -7.98	16.81 0.78 -7.33	18.14 0.76 -8.97	19.51 0.97 -8.17	23.45 1.90 -3.31	25.51 2.61 0.00	24.71 2.71 0.00	24.70 2.69 0.00	24.04 2.56 0.00	23.25 2.45 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.52 2.59 -0.01	23.50 2.63 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.70 2.81 0.00	25.75 2.74 0.00	23.46 2.42 0.00	21.56 2.24 0.00	19.71 1.52 -3.26
KIAC_JFK_GT2 23817	21.49 1.00 -9.90	18.11 0.82 -8.49	17.38 0.79 -7.98	16.81 0.78 -7.33	18.14 0.76 -8.97	19.51 0.97 -8.17	23.45 1.90 -3.31	25.51 2.61 0.00	24.71 2.71 0.00	24.70 2.69 0.00	24.04 2.56 0.00	23.25 2.45 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.52 2.59 -0.01	23.50 2.63 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.70 2.81 0.00	25.75 2.74 0.00	23.46 2.42 0.00	21.56 2.24 0.00	19.71 1.52 -3.26
KINTIGH____ 23543	11.91 0.02 -1.29	9.89 -0.04 -1.13	9.67 0.01 -1.06	9.68 0.02 -0.97	9.65 0.05 -1.19	11.58 0.12 -1.08	18.72 0.04 -0.43	23.14 0.25 0.01	22.06 0.07 0.01	20.90 0.13 1.25	20.71 0.28 1.05	18.80 0.25 1.07	18.65 0.29 0.97	19.51 0.20 0.78	19.76 0.24 0.40	20.42 0.13 0.57	23.59 0.38 0.79	26.67 0.56 1.96	25.90 0.37 1.02	25.21 0.32 0.00	23.36 0.35 0.00	21.06 0.02 0.00	19.22 -0.10 0.00	15.12 -0.24 -0.43
LEDERLE____ 23769	21.00 0.88 -9.53	17.69 0.73 -8.16	16.99 0.72 -7.67	16.46 0.72 -7.04	17.72 0.70 -8.62	19.08 0.86 -7.85	23.10 1.68 -3.18	25.09 2.20 0.00	24.22 2.22 0.00	24.20 2.18 0.00	23.72 2.23 0.00	22.83 2.08 -1.14	21.40 2.07 0.00	22.26 2.17 0.00	22.10 2.17 0.00	23.10 2.23 0.00	26.47 2.47 0.00	30.73 2.67 0.00	29.05 2.50 0.00	27.33 2.44 0.00	25.33 2.32 0.00	23.14 2.10 0.00	21.15 1.84 0.00	19.39 1.33 -3.13
LINDEN COGEN____ 23786	21.51 1.02 -9.90	18.14 0.85 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.54 1.00 -8.17	23.45 1.90 -3.31	25.37 2.47 0.00	24.53 2.53 0.00	24.57 2.55 0.00	24.10 2.62 0.00	23.31 2.51 -1.18	21.82 2.49 0.00	22.68 2.59 0.00	22.54 2.61 -0.01	23.52 2.65 0.00	26.80 2.81 0.00	31.01 2.95 0.00	29.36 2.81 0.00	27.63 2.74 0.00	25.73 2.71 0.00	23.52 2.48 0.00	21.54 2.22 0.00	19.74 1.55 -3.26
LIPA_MISC_IPP 23656	21.86 1.37 -9.90	18.50 1.21 -8.49	17.85 1.27 -7.98	17.31 1.29 -7.33	18.62 1.24 -8.97	20.18 1.62 -8.18	29.04 3.10 -7.69	39.05 4.03 -12.12	29.03 3.87 -3.16	26.61 3.85 -0.74	25.43 3.74 -0.21	24.30 3.26 -1.43	22.96 3.33 -0.31	23.97 3.61 -0.27	25.27 3.63 -1.72	31.46 3.82 -6.77	35.00 4.25 -6.76	40.21 4.60 -7.54	38.89 4.41 -7.93	36.80 4.23 -7.68	33.93 4.10 -6.82	32.60 3.72 -7.83	24.74 3.40 -2.03	20.80 2.40 -3.46
LISF__SOLAR 323691	21.89 1.40 -9.90	18.54 1.24 -8.49	17.89 1.30 -7.98	17.34 1.31 -7.33	18.65 1.27 -8.97	20.22 1.66 -8.18	29.11 3.17 -7.69	39.13 4.12 -12.12	29.12 3.96 -3.16	26.68 3.92 -0.74	25.50 3.80 -0.21	24.34 3.29 -1.43	23.02 3.38 -0.31	24.04 3.68 -0.27	25.33 3.69 -1.72	31.54 3.90 -6.77	35.10 4.34 -6.76	40.32 4.71 -7.54	38.99 4.51 -7.93	36.93 4.35 -7.68	34.05 4.21 -6.82	32.68 3.81 -7.83	24.80 3.46 -2.03	20.84 2.45 -3.46
LITTLE FALLS____HYD 24013	11.18 0.84 0.26	9.27 0.69 0.22	9.07 0.67 0.21	9.18 0.68 0.19	8.83 0.66 0.24	10.99 0.83 0.21	19.67 1.51 0.09	24.87 1.97 0.00	23.89 1.89 0.00	23.93 1.91 0.00	23.35 1.87 0.00	21.25 1.67 0.03	20.95 1.62 0.00	21.71 1.63 0.00	21.52 1.59 0.00	22.56 1.69 0.00	26.01 2.02 0.00	30.48 2.41 0.00	28.81 2.26 0.00	27.03 2.14 0.00	25.01 2.00 0.00	22.83 1.79 0.00	20.94 1.62 0.00	16.05 1.21 0.09
LI_NEWBRDGE____DRP 323616	21.51 1.02 -9.89	18.17 0.87 -8.49	17.53 0.95 -7.98	16.98 0.96 -7.33	18.30 0.92 -8.97	19.76 1.20 -8.18	28.39 2.30 -7.85	38.45 3.00 -12.55	27.98 3.04 -2.94	25.69 3.04 -0.63	24.53 3.01 -0.04	23.65 2.80 -1.23	22.18 2.80 -0.05	23.07 2.93 -0.05	24.35 2.87 -1.56	30.49 2.92 -6.70	33.95 3.19 -6.76	39.05 3.45 -7.54	37.72 3.24 -7.93	35.69 3.14 -7.67	32.84 3.04 -6.79	31.61 2.78 -7.79	23.76 2.55 -1.89	20.20 1.81 -3.47
LONG_LAKE_PHOENIX 24014	11.33 -0.06 -0.80	9.42 -0.07 -0.69	9.19 -0.07 -0.65	9.22 -0.07 -0.60	9.09 -0.05 -0.73	11.01 -0.03 -0.66	18.52 0.00 -0.27	22.87 -0.02 0.00	21.91 -0.09 0.00	21.95 -0.07 0.00	21.42 -0.06 0.00	19.65 -0.06 -0.10	19.27 -0.06 0.00	20.01 -0.08 0.00	19.81 -0.12 0.00	20.70 -0.17 0.00	23.90 -0.10 0.00	28.01 -0.06 0.00	26.47 -0.08 0.00	24.79 -0.10 0.00	22.90 -0.11 0.00	20.89 -0.15 0.00	19.26 -0.06 0.00	15.11 -0.09 -0.26
LOVETT__3 23632	21.19 0.88 -9.71	17.69 0.69 -8.20	16.99 0.68 -7.70	16.45 0.68 -7.08	17.73 0.66 -8.66	19.07 0.81 -7.89	23.03 1.59 -3.19	25.00 2.11 0.00	24.13 2.13 0.00	24.11 2.09 0.00	23.63 2.15 0.00	22.76 2.00 -1.14	21.34 2.01 0.00	22.18 2.09 0.00	22.02 2.09 0.00	23.02 2.15 0.00	26.35 2.35 0.00	30.56 2.50 0.00	28.91 2.36 0.00	27.20 2.32 0.00	25.24 2.23 0.00	23.06 2.02 0.00	21.09 1.78 0.00	19.34 1.27 -3.14
LOVETT__4 23642	21.19 0.88 -9.71	17.69 0.69 -8.20	16.99 0.68 -7.70	16.45 0.68 -7.08	17.73 0.66 -8.66	19.07 0.81 -7.89	23.03 1.59 -3.19	25.00 2.11 0.00	24.13 2.13 0.00	24.11 2.09 0.00	23.63 2.15 0.00	22.76 2.00 -1.14	21.34 2.01 0.00	22.18 2.09 0.00	22.02 2.09 0.00	23.02 2.15 0.00	26.35 2.35 0.00	30.56 2.50 0.00	28.91 2.36 0.00	27.20 2.32 0.00	25.24 2.23 0.00	23.06 2.02 0.00	21.09 1.78 0.00	19.34 1.27 -3.14
LOVETT__5 23593	21.19 0.88 -9.71	17.69 0.69 -8.20	16.99 0.68 -7.70	16.45 0.68 -7.08	17.73 0.66 -8.66	19.07 0.81 -7.89	23.03 1.59 -3.19	25.00 2.11 0.00	24.13 2.13 0.00	24.11 2.09 0.00	23.63 2.15 0.00	22.76 2.00 -1.14	21.34 2.01 0.00	22.18 2.09 0.00	22.02 2.09 0.00	23.02 2.15 0.00	26.35 2.35 0.00	30.56 2.50 0.00	28.91 2.36 0.00	27.20 2.32 0.00	25.24 2.23 0.00	23.06 2.02 0.00	21.09 1.78 0.00	19.34 1.27 -3.14
LOWER RAQUET____HYD 24057	10.05 -0.55 0.00	8.32 -0.48 0.00	8.11 -0.50 0.00	8.19 -0.50 0.00	7.89 -0.51 0.00	9.72 -0.65 0.00	16.75 -1.50 0.00	21.09 -1.81 0.00	20.13 -1.87 0.00	19.90 -2.11 0.00	19.21 -2.28 0.00	17.46 -2.16 0.00	17.18 -2.15 0.00	17.94 -2.15 0.00	17.85 -2.07 0.00	18.80 -2.07 0.00	21.67 -2.33 0.00	25.62 -2.44 0.00	24.32 -2.23 0.00	22.77 -2.12 0.00	20.92 -2.09 0.00	19.40 -1.64 0.00	17.73 -1.58 0.00	14.11 -0.82 0.00



LOWER___HUDSON 24059	24.96 0.74 -13.63	21.19 0.60 -11.79	20.27 0.59 -11.07	19.47 0.60 -10.18	21.43 0.58 -12.45	22.45 0.74 -11.34	24.26 1.42 -4.59	24.75 1.85 0.00	23.91 1.91 0.00	23.98 1.96 0.00	23.46 1.98 0.00	23.08 1.82 -1.64	21.09 1.76 0.00	21.87 1.79 0.00	21.70 1.77 0.00	22.75 1.88 0.00	25.98 1.99 0.00	30.31 2.25 0.00	28.70 2.15 0.00	26.85 1.97 0.00	24.85 1.84 0.00	22.78 1.75 0.00	20.77 1.45 0.00	20.44 1.02 -4.50
LWR___OSWEGATCHIE_HYD 23850	10.23 -0.37 0.00	8.47 -0.33 0.00	8.25 -0.35 0.00	8.35 -0.35 0.00	8.05 -0.35 0.00	9.94 -0.44 0.00	17.37 -0.88 0.00	21.89 -1.01 0.00	20.95 -1.06 0.00	20.83 -1.19 0.00	20.17 -1.31 0.00	18.34 -1.27 0.00	18.09 -1.24 0.00	18.82 -1.26 0.00	18.71 -1.22 0.00	19.64 -1.23 0.00	22.67 -1.32 0.00	26.74 -1.32 0.00	25.33 -1.22 0.00	23.74 -1.14 0.00	21.84 -1.17 0.00	20.09 -0.95 0.00	18.37 -0.95 0.00	14.39 -0.54 0.00
LYONS_FALL_HYD 23570	10.70 0.11 0.00	8.86 0.06 0.00	8.65 0.04 0.00	8.75 0.05 0.00	8.45 0.04 0.00	10.46 0.08 0.00	18.52 0.27 0.00	23.38 0.48 0.00	22.42 0.42 0.00	22.43 0.42 0.00	21.78 0.30 0.00	19.87 0.25 0.00	19.58 0.25 0.00	20.33 0.24 0.00	20.18 0.26 0.00	21.14 0.27 0.00	24.40 0.41 0.00	28.68 0.62 0.00	27.13 0.58 0.00	25.44 0.55 0.00	23.45 0.44 0.00	21.36 0.32 0.00	19.53 0.21 0.00	15.08 0.15 0.00
MADISON___COUNTY_LFGE 323628	11.32 0.32 -0.41	9.40 0.25 -0.36	9.17 0.23 -0.33	9.24 0.24 -0.31	9.02 0.24 -0.38	11.05 0.33 -0.34	19.13 0.75 -0.14	23.95 1.05 0.00	22.99 0.99 0.00	23.01 0.99 0.00	22.41 0.92 0.00	20.49 0.82 -0.05	20.16 0.83 0.00	20.91 0.82 0.00	20.74 0.82 0.00	21.68 0.81 0.00	25.05 1.05 0.00	29.38 1.32 0.00	27.80 1.25 0.00	26.03 1.15 0.00	24.02 1.01 0.00	21.84 0.80 0.00	19.99 0.68 0.00	15.51 0.45 -0.13
MAPLE_RIDGE_WT_1 323574	9.83 -0.20 0.57	8.13 -0.18 0.50	7.96 -0.18 0.47	8.07 -0.20 0.43	7.68 -0.20 0.52	9.64 -0.26 0.48	17.58 -0.47 0.19	22.30 -0.60 0.00	21.43 -0.57 0.00	21.47 -0.55 0.00	20.97 -0.52 0.00	19.06 -0.49 0.07	18.82 -0.50 0.00	19.65 -0.44 0.00	19.53 -0.40 0.00	20.52 -0.35 0.00	23.68 -0.31 0.00	27.75 -0.31 0.00	26.29 -0.27 0.00	24.66 -0.22 0.00	22.80 -0.21 0.00	20.87 -0.17 0.00	19.16 -0.16 0.00	14.63 -0.10 0.20
MAPLE_RIDGE_WT_2 323611	9.83 -0.20 0.57	8.13 -0.18 0.50	7.96 -0.18 0.47	8.07 -0.20 0.43	7.68 -0.20 0.52	9.64 -0.26 0.48	17.58 -0.47 0.19	22.30 -0.60 0.00	21.43 -0.57 0.00	21.47 -0.55 0.00	20.97 -0.52 0.00	19.06 -0.49 0.07	18.82 -0.50 0.00	19.65 -0.44 0.00	19.53 -0.40 0.00	20.52 -0.35 0.00	23.68 -0.31 0.00	27.75 -0.31 0.00	26.29 -0.27 0.00	24.66 -0.22 0.00	22.80 -0.21 0.00	20.87 -0.17 0.00	19.16 -0.16 0.00	14.63 -0.10 0.20
MARBLE_RIVER_WT_PWR 323696	10.43 -0.17 0.00	8.61 -0.19 0.00	8.37 -0.23 0.00	8.45 -0.24 0.00	8.13 -0.28 0.00	9.99 -0.38 0.00	17.37 -0.88 0.00	21.77 -1.12 0.00	20.66 -1.34 0.00	20.74 -1.28 0.00	19.98 -1.50 0.00	18.06 -1.55 0.00	17.68 -1.64 0.00	18.50 -1.59 0.00	18.53 -1.40 0.00	19.60 -1.27 0.00	22.63 -1.37 0.00	26.88 -1.18 0.00	25.57 -0.98 0.00	24.04 -0.85 0.00	22.18 -0.83 0.00	20.39 -0.65 0.00	18.70 -0.62 0.00	14.66 -0.27 0.00
MARSH_HILL_WT_PWR 323713	13.03 0.54 -1.89	10.82 0.38 -1.64	10.54 0.40 -1.54	10.53 0.42 -1.41	10.58 0.45 -1.73	12.65 0.70 -1.58	20.22 1.33 -0.64	24.91 1.99 -0.02	23.76 1.74 -0.02	26.15 1.83 -2.31	25.39 1.95 -1.95	23.91 1.80 -2.49	22.96 1.84 -1.79	23.38 1.85 -1.45	22.55 1.87 -0.75	23.76 1.84 -1.06	27.58 2.50 -1.09	33.79 3.03 -2.70	30.64 2.68 -1.40	27.30 2.41 0.00	25.22 2.21 0.00	22.64 1.60 0.00	20.52 1.20 0.00	16.26 0.70 -0.63
MG INDUSTRY___DRP 24185	24.00 0.55 -12.85	20.37 0.45 -11.12	19.49 0.44 -10.45	18.74 0.44 -9.60	20.58 0.44 -11.74	21.61 0.54 -10.69	23.49 0.91 -4.33	24.00 1.10 0.00	23.28 1.28 0.00	23.29 1.28 0.00	22.77 1.29 0.00	22.36 1.20 -1.55	20.49 1.16 0.00	21.27 1.18 0.00	21.12 1.20 0.00	22.12 1.25 0.00	25.22 1.22 0.00	29.41 1.35 0.00	27.83 1.27 0.00	26.08 1.19 0.00	24.14 1.13 0.00	22.20 1.16 0.00	20.30 0.98 0.00	19.89 0.69 -4.27
MID___OSWEGATCHIE_HYD 23849	10.23 -0.37 0.00	8.47 -0.33 0.00	8.25 -0.35 0.00	8.35 -0.35 0.00	8.05 -0.35 0.00	9.94 -0.44 0.00	17.37 -0.88 0.00	21.89 -1.01 0.00	20.95 -1.06 0.00	20.83 -1.19 0.00	20.17 -1.31 0.00	18.34 -1.27 0.00	18.09 -1.24 0.00	18.82 -1.26 0.00	18.71 -1.22 0.00	19.64 -1.23 0.00	22.67 -1.32 0.00	26.74 -1.32 0.00	25.33 -1.22 0.00	23.74 -1.14 0.00	21.84 -1.17 0.00	20.09 -0.95 0.00	18.37 -0.95 0.00	14.39 -0.54 0.00
MID___RAQUETTE_HYD 23851	10.05 -0.55 0.00	8.32 -0.48 0.00	8.11 -0.50 0.00	8.19 -0.50 0.00	7.89 -0.51 0.00	9.72 -0.65 0.00	16.75 -1.50 0.00	21.09 -1.81 0.00	20.13 -1.87 0.00	19.90 -2.11 0.00	19.21 -2.28 0.00	17.46 -2.16 0.00	17.18 -2.15 0.00	17.94 -2.15 0.00	17.85 -2.07 0.00	18.80 -2.07 0.00	21.67 -2.33 0.00	25.62 -2.44 0.00	24.32 -2.23 0.00	22.77 -2.12 0.00	20.92 -2.09 0.00	19.40 -1.64 0.00	17.73 -1.58 0.00	14.11 -0.82 0.00
MILLIKEN___1 23584	13.00 0.33 -2.08	10.85 0.25 -1.80	10.54 0.24 -1.69	10.50 0.25 -1.56	10.57 0.26 -1.90	12.48 0.37 -1.73	19.75 0.80 -0.70	24.00 1.10 0.00	22.99 0.99 0.00	23.11 0.99 -0.10	22.56 0.99 -0.09	20.85 0.88 -0.35	20.30 0.89 -0.08	21.03 0.88 -0.06	20.83 0.88 -0.03	21.79 0.88 -0.05	25.31 1.20 -0.12	29.85 1.49 -0.30	28.06 1.35 -0.16	26.13 1.24 0.00	24.14 1.13 0.00	21.92 0.88 0.00	20.07 0.75 0.00	16.11 0.49 -0.69
MILLIKEN___2 23585	13.00 0.33 -2.08	10.85 0.25 -1.80	10.54 0.24 -1.69	10.50 0.25 -1.56	10.57 0.26 -1.90	12.48 0.37 -1.73	19.75 0.80 -0.70	24.00 1.10 0.00	22.99 0.99 0.00	23.11 0.99 -0.10	22.56 0.99 -0.09	20.85 0.88 -0.35	20.30 0.89 -0.08	21.03 0.88 -0.06	20.83 0.88 -0.03	21.79 0.88 -0.05	25.31 1.20 -0.12	29.85 1.49 -0.30	28.06 1.35 -0.16	26.13 1.24 0.00	24.14 1.13 0.00	21.92 0.88 0.00	20.07 0.75 0.00	16.11 0.49 -0.69
MILLIKEN___DIESEL 23629	13.00 0.33 -2.08	10.85 0.25 -1.80	10.54 0.24 -1.69	10.50 0.25 -1.56	10.57 0.26 -1.90	12.48 0.37 -1.73	19.75 0.80 -0.70	24.00 1.10 0.00	22.99 0.99 0.00	23.11 0.99 -0.10	22.56 0.99 -0.09	20.85 0.88 -0.35	20.30 0.89 -0.08	21.03 0.88 -0.06	20.83 0.88 -0.03	21.79 0.88 -0.05	25.31 1.20 -0.12	29.85 1.49 -0.30	28.06 1.35 -0.16	26.13 1.24 0.00	24.14 1.13 0.00	21.92 0.88 0.00	20.07 0.75 0.00	16.11 0.49 -0.69
MILLSEAT___LFGE 323607	12.30 0.31 -1.40	10.20 0.19 -1.21	9.97 0.22 -1.14	9.98 0.24 -1.04	9.96 0.28 -1.28	11.99 0.45 -1.17	19.40 0.68 -0.48	24.03 1.14 0.01	22.83 0.84 0.01	22.42 0.95 0.54	22.14 1.12 0.46	20.25 1.00 0.37	19.93 1.02 0.42	20.71 0.96 0.34	20.74 1.00 0.18	21.51 0.90 0.25	26.50 1.32 -1.19	32.79 1.77 -2.96	29.58 1.49 -1.54	26.21 1.32 -0.01	24.30 1.29 0.00	21.82 0.78 0.00	19.82 0.50 0.00	15.56 0.16 -0.46



MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.32 0.88 -9.84	17.98 0.73 -8.44	17.26 0.72 -7.93	16.70 0.72 -7.29	18.02 0.70 -8.92	19.36 0.86 -8.12	23.21 1.68 -3.29	25.12 2.22 0.00	24.27 2.27 0.00	24.24 2.22 0.00	23.76 2.28 0.00	22.93 2.14 -1.18	21.45 2.13 0.00	22.30 2.21 0.00	22.14 2.21 0.00	23.15 2.28 0.00	26.49 2.50 0.00	30.73 2.67 0.00	29.07 2.52 0.00	27.33 2.44 0.00	25.38 2.37 0.00	23.19 2.15 0.00	21.21 1.89 0.00	19.51 1.34 -3.24
MODEL_CITY_ENERGY 24167	12.11 0.04 -1.47	10.05 -0.03 -1.27	9.83 0.03 -1.20	9.84 0.04 -1.10	9.83 0.08 -1.35	11.78 0.18 -1.23	18.82 0.07 -0.50	23.24 0.37 0.02	22.09 0.11 0.02	21.02 0.20 1.19	20.88 0.41 1.01	18.99 0.37 0.99	18.80 0.41 0.93	19.64 0.30 0.75	19.89 0.36 0.40	20.53 0.21 0.55	25.84 0.48 -1.37	32.15 0.70 -3.39	28.79 0.48 -1.76	25.34 0.45 0.00	23.50 0.48 0.00	21.10 0.06 0.00	19.20 -0.12 0.00	15.14 -0.28 -0.49
MODERN_LFGE_ 323580	12.11 0.04 -1.47	10.05 -0.03 -1.27	9.83 0.03 -1.20	9.84 0.04 -1.10	9.83 0.08 -1.35	11.78 0.18 -1.23	18.82 0.07 -0.50	23.24 0.37 0.02	22.09 0.11 0.02	21.02 0.20 1.19	20.88 0.41 1.01	18.99 0.37 0.99	18.80 0.41 0.93	19.64 0.30 0.75	19.89 0.36 0.40	20.53 0.21 0.55	25.84 0.48 -1.37	32.15 0.70 -3.39	28.79 0.48 -1.76	25.34 0.45 0.00	23.50 0.48 0.00	21.10 0.06 0.00	19.20 -0.12 0.00	15.14 -0.28 -0.49
MOHAWK_PAPER__DRP 24187	24.58 0.64 -13.35	20.87 0.52 -11.55	19.97 0.51 -10.85	19.19 0.52 -9.97	21.11 0.50 -12.20	22.12 0.63 -11.11	23.86 1.11 -4.50	24.29 1.40 0.00	23.59 1.58 0.00	23.62 1.61 0.00	23.10 1.61 0.00	22.72 1.49 -1.61	20.76 1.43 0.00	21.53 1.45 0.00	21.38 1.45 0.00	22.41 1.54 0.00	25.53 1.54 0.00	29.77 1.71 0.00	28.20 1.65 0.00	26.38 1.49 0.00	24.41 1.40 0.00	22.47 1.43 0.00	20.48 1.16 0.00	20.15 0.81 -4.41
MONGAUP__HYD 23641	20.37 0.92 -8.85	17.38 0.83 -7.75	16.69 0.81 -7.28	16.20 0.82 -6.69	17.39 0.80 -8.18	18.78 0.95 -7.45	23.10 1.84 -3.02	24.75 1.85 0.00	23.74 1.74 0.00	23.71 1.70 0.00	23.37 1.89 0.00	22.44 1.75 -1.08	21.09 1.76 0.00	21.86 1.77 0.00	21.74 1.81 0.00	22.79 1.92 0.00	26.27 2.28 0.00	30.33 2.27 0.00	28.70 2.15 0.00	26.93 2.04 0.00	24.87 1.86 0.00	22.87 1.83 0.00	20.88 1.56 0.00	19.27 1.37 -2.97
MONTAUK__DIESEL 23721	22.32 1.82 -9.90	18.88 1.58 -8.49	18.23 1.64 -7.98	17.70 1.67 -7.33	18.99 1.61 -8.97	20.66 2.10 -8.18	29.91 3.98 -7.69	40.26 5.24 -12.12	30.11 4.95 -3.16	27.65 4.89 -0.74	26.42 4.73 -0.21	25.13 4.08 -1.43	23.79 4.16 -0.31	24.82 4.46 -0.27	26.15 4.50 -1.72	32.44 4.80 -6.77	36.30 5.54 -6.76	41.80 6.20 -7.54	40.43 5.95 -7.93	38.27 5.70 -7.68	35.24 5.41 -6.82	33.69 4.82 -7.83	25.65 4.31 -2.03	21.44 3.05 -3.46
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.50 1.01 -9.90	18.13 0.84 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.16 0.79 -8.97	19.52 0.97 -8.17	23.43 1.88 -3.31	25.39 2.50 0.00	24.55 2.55 0.00	24.55 2.53 0.00	24.06 2.58 0.00	23.23 2.43 -1.18	21.76 2.44 0.00	22.62 2.53 0.00	22.47 2.53 -0.01	23.46 2.59 0.00	26.80 2.81 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.65 2.76 0.00	25.70 2.69 0.00	23.48 2.44 0.00	21.48 2.16 0.00	19.71 1.52 -3.26
MUNSVILLE_WIND_PWR 323609	15.02 0.85 -3.58	12.56 0.65 -3.11	12.15 0.62 -2.92	12.01 0.63 -2.68	12.31 0.62 -3.28	14.21 0.85 -2.99	21.41 1.95 -1.21	25.64 2.75 0.00	24.55 2.55 0.00	24.72 2.60 -0.10	24.02 2.45 -0.09	22.37 2.22 -0.54	21.61 2.20 -0.08	22.40 2.25 -0.07	22.23 2.27 -0.03	23.30 2.38 -0.05	27.21 3.10 -0.12	32.21 3.84 -0.31	30.35 3.64 -0.16	28.30 3.41 0.00	26.02 3.01 0.00	23.46 2.42 0.00	21.31 1.99 0.00	17.52 1.40 -1.19
N SALMON__HYD 24042	10.39 -0.20 0.00	8.57 -0.24 0.00	8.33 -0.28 0.00	8.42 -0.28 0.00	8.10 -0.31 0.00	9.96 -0.42 0.00	17.30 -0.95 0.00	21.73 -1.17 0.00	20.59 -1.41 0.00	20.67 -1.34 0.00	19.87 -1.61 0.00	17.97 -1.65 0.00	17.63 -1.70 0.00	18.46 -1.63 0.00	18.49 -1.43 0.00	19.53 -1.34 0.00	22.51 -1.49 0.00	26.83 -1.23 0.00	25.54 -1.01 0.00	23.94 -0.95 0.00	21.98 -1.04 0.00	20.24 -0.80 0.00	18.49 -0.83 0.00	14.56 -0.37 0.00
N.E._GEN_SANDY PD 24062	24.00 0.92 -12.48	23.52 0.76 -13.96	23.29 0.75 -13.93	23.15 0.75 -13.71	23.82 0.73 -14.68	27.03 0.90 -15.75	33.10 1.75 -13.10	34.50 2.29 -9.31	32.08 2.31 -7.77	30.00 2.29 -5.69	27.82 2.32 -4.02	26.06 2.18 -4.27	26.00 2.15 -4.53	26.00 2.23 -3.68	26.10 2.23 -3.94	28.40 2.32 -5.21	31.74 2.54 -5.21	36.29 2.75 -5.48	34.29 2.60 -5.13	31.15 2.49 -3.77	29.00 2.39 -3.60	26.08 2.17 -2.87	23.38 1.89 -2.17	22.00 1.36 -5.71
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.11 0.88 -9.63	17.69 0.70 -8.18	16.99 0.70 -7.69	16.45 0.70 -7.06	17.72 0.67 -8.64	19.07 0.83 -7.87	23.05 1.62 -3.19	25.03 2.13 0.00	24.16 2.16 0.00	24.13 2.11 0.00	23.65 2.17 0.00	22.78 2.02 -1.14	21.36 2.03 0.00	22.20 2.11 0.00	22.04 2.11 0.00	23.04 2.17 0.00	26.39 2.40 0.00	30.62 2.55 0.00	28.97 2.42 0.00	27.23 2.34 0.00	25.27 2.26 0.00	23.08 2.04 0.00	21.11 1.80 0.00	19.35 1.28 -3.14
NARROWS_GT1_1 24228	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT1_2 24229	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT1_3 24230	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT1_4 24231	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26



NARROWS_GT1_5 24232	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT1_6 24233	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT1_7 24234	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT1_8 24235	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT2_1 24236	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT2_2 24237	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT2_3 24238	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT2_4 24239	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT2_5 24240	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT2_6 24241	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT2_7 24242	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NARROWS_GT2_8 24243	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.61 0.91 -11.10	19.17 0.77 -9.60	18.36 0.73 -9.02	17.72 0.74 -8.29	19.29 0.74 -10.14	20.50 0.89 -9.24	23.66 1.68 -3.74	24.68 1.79 0.00	23.74 1.74 0.00	23.74 1.72 0.00	23.16 1.68 0.00	22.44 1.49 -1.34	20.82 1.49 0.00	21.55 1.47 0.00	21.44 1.51 0.00	22.52 1.65 0.00	25.89 1.90 0.00	30.28 2.22 0.00	28.68 2.12 0.00	26.81 1.92 0.00	24.69 1.68 0.00	22.62 1.58 0.00	20.61 1.29 0.00	19.83 1.21 -3.69
NEG CAPITAL___MECHNVIL 23645	25.31 0.80 -13.91	21.49 0.65 -12.04	20.55 0.64 -11.31	19.74 0.65 -10.39	21.75 0.63 -12.71	22.76 0.81 -11.57	24.59 1.66 -4.69	25.09 2.20 0.00	24.20 2.20 0.00	24.33 2.31 0.00	23.80 2.32 0.00	23.45 2.16 -1.68	21.38 2.05 0.00	22.16 2.07 0.00	21.98 2.05 0.00	23.04 2.17 0.00	26.35 2.35 0.00	30.76 2.69 0.00	29.13 2.57 0.00	27.20 2.32 0.00	25.15 2.14 0.00	23.02 1.98 0.00	20.92 1.60 0.00	20.61 1.10 -4.58
NEG CENTRAL_HIGH_ACRES 23767	11.64 -0.12 -1.16	9.68 -0.13 -1.01	9.44 -0.11 -0.94	9.46 -0.10 -0.87	9.38 -0.08 -1.06	11.31 -0.03 -0.97	18.57 -0.07 -0.39	22.97 0.07 0.00	21.91 -0.09 0.00	21.94 -0.02 0.06	21.48 0.04 0.05	19.72 0.02 -0.09	19.34 0.06 0.04	20.05 0.00 0.04	19.91 0.00 0.02	20.78 -0.06 0.03	24.05 0.12 0.07	28.18 0.28 0.16	26.65 0.19 0.09	25.01 0.13 0.00	23.13 0.12 0.00	20.93 -0.10 0.00	19.16 -0.16 0.00	15.06 -0.25 -0.39



NEG CENTRAL___DRP 24199	12.05 0.17 -1.28	10.02 0.11 -1.11	9.76 0.11 -1.04	9.77 0.12 -0.96	9.72 0.14 -1.17	11.69 0.25 -1.07	19.23 0.55 -0.43	23.72 0.82 0.00	22.66 0.66 0.00	22.75 0.68 -0.05	22.24 0.71 -0.04	20.47 0.65 -0.21	20.03 0.66 -0.04	20.76 0.64 -0.03	20.56 0.62 -0.02	21.48 0.58 -0.02	24.94 0.89 -0.06	29.37 1.15 -0.16	27.64 1.01 -0.08	25.78 0.89 0.00	23.82 0.80 0.00	21.59 0.55 0.00	19.74 0.42 0.00	15.57 0.21 -0.43
NEG CENTRAL___INDECK 23768	12.72 0.53 -1.60	10.56 0.37 -1.38	10.28 0.38 -1.30	10.28 0.39 -1.19	10.30 0.43 -1.46	12.37 0.66 -1.33	20.07 1.28 -0.54	24.83 1.92 -0.01	23.61 1.61 -0.01	24.83 1.72 -1.09	24.19 1.78 -0.92	22.47 1.59 -1.27	21.80 1.62 -0.85	22.38 1.61 -0.69	21.92 1.63 -0.35	23.00 1.63 -0.50	26.89 2.23 -0.67	32.64 2.92 -1.66	30.02 2.60 -0.86	27.20 2.32 0.00	25.15 2.14 0.00	22.60 1.56 0.00	20.50 1.18 0.00	16.12 0.66 -0.53
NEG CENTRAL___SENECA 23627	12.28 0.30 -1.38	10.21 0.20 -1.20	9.94 0.21 -1.13	9.95 0.22 -1.04	9.93 0.25 -1.27	11.93 0.39 -1.16	19.54 0.82 -0.47	24.13 1.24 0.00	23.01 1.01 0.00	23.16 1.06 -0.08	22.65 1.10 -0.07	20.84 0.98 -0.25	20.38 0.99 -0.07	21.12 0.98 -0.05	20.93 0.98 -0.03	21.87 0.96 -0.04	25.46 1.37 -0.10	30.05 1.74 -0.25	28.22 1.54 -0.13	26.28 1.39 0.00	24.28 1.26 0.00	21.92 0.88 0.00	19.99 0.68 0.00	15.77 0.37 -0.46
NEG CENTRAL___STATE_STREET 24147	12.08 0.19 -1.29	10.06 0.13 -1.12	9.79 0.13 -1.05	9.79 0.13 -0.97	9.74 0.15 -1.18	11.69 0.24 -1.08	19.21 0.53 -0.44	23.65 0.75 0.00	22.64 0.64 0.00	22.66 0.64 0.00	22.13 0.64 0.00	20.36 0.59 -0.16	19.91 0.58 0.00	20.65 0.56 0.00	20.48 0.56 0.00	21.41 0.54 0.00	24.78 0.79 0.00	29.07 1.01 0.00	27.48 0.93 0.00	25.71 0.82 0.00	23.75 0.74 0.00	21.57 0.53 0.00	19.78 0.46 0.00	15.63 0.27 -0.43
NEG MILLWOOD___DRP 24198	21.74 0.97 -10.17	18.40 0.83 -8.77	17.66 0.81 -8.24	17.08 0.81 -7.57	18.44 0.77 -9.26	19.76 0.94 -8.44	23.56 1.90 -3.42	25.39 2.50 0.00	24.42 2.42 0.00	24.40 2.38 0.00	23.89 2.41 0.00	23.05 2.22 -1.22	21.53 2.20 0.00	22.38 2.29 0.00	22.20 2.27 0.00	23.25 2.38 0.00	26.70 2.71 0.00	31.09 3.03 0.00	29.39 2.84 0.00	27.60 2.71 0.00	25.57 2.55 0.00	23.33 2.29 0.00	21.29 1.97 0.00	19.73 1.43 -3.36
NEG NORTH_FLCN_SEA 23793	10.56 -0.03 0.00	8.71 -0.10 0.00	8.47 -0.14 0.00	8.55 -0.14 0.00	8.23 -0.18 0.00	10.12 -0.26 0.00	17.61 -0.64 0.00	22.09 -0.80 0.00	20.95 -1.06 0.00	21.05 -0.97 0.00	20.26 -1.22 0.00	18.32 -1.30 0.00	17.94 -1.39 0.00	18.78 -1.31 0.00	18.81 -1.12 0.00	19.89 -0.98 0.00	22.94 -1.06 0.00	27.31 -0.76 0.00	25.99 -0.56 0.00	24.39 -0.50 0.00	22.46 -0.55 0.00	20.64 -0.40 0.00	18.89 -0.43 0.00	14.83 -0.10 0.00
NEG NORTH_KES_CHATEGAY 23792	10.41 -0.19 0.00	8.58 -0.22 0.00	8.35 -0.26 0.00	8.43 -0.26 0.00	8.11 -0.29 0.00	9.97 -0.40 0.00	17.33 -0.91 0.00	21.73 -1.17 0.00	20.62 -1.39 0.00	20.70 -1.32 0.00	19.94 -1.55 0.00	18.03 -1.59 0.00	17.67 -1.66 0.00	18.50 -1.59 0.00	18.51 -1.41 0.00	19.58 -1.29 0.00	22.60 -1.39 0.00	26.86 -1.21 0.00	25.57 -0.98 0.00	24.02 -0.87 0.00	22.14 -0.87 0.00	20.35 -0.69 0.00	18.64 -0.68 0.00	14.63 -0.30 0.00
NEG NORTH___ALICE_FALLS 23915	10.55 -0.04 0.00	8.70 -0.11 0.00	8.45 -0.15 0.00	8.54 -0.16 0.00	8.21 -0.19 0.00	10.11 -0.27 0.00	17.59 -0.66 0.00	22.07 -0.82 0.00	20.90 -1.10 0.00	21.03 -0.99 0.00	20.22 -1.27 0.00	18.26 -1.35 0.00	17.90 -1.43 0.00	18.74 -1.35 0.00	18.79 -1.13 0.00	19.87 -1.00 0.00	22.91 -1.08 0.00	27.33 -0.73 0.00	25.99 -0.56 0.00	24.39 -0.50 0.00	22.44 -0.57 0.00	20.62 -0.42 0.00	18.85 -0.46 0.00	14.80 -0.13 0.00
NEG NORTH___LWR_SARANAC 23913	10.55 -0.04 0.00	8.70 -0.11 0.00	8.45 -0.15 0.00	8.54 -0.16 0.00	8.21 -0.19 0.00	10.11 -0.27 0.00	17.59 -0.66 0.00	22.07 -0.82 0.00	20.90 -1.10 0.00	21.03 -0.99 0.00	20.22 -1.27 0.00	18.26 -1.35 0.00	17.90 -1.43 0.00	18.74 -1.35 0.00	18.79 -1.13 0.00	19.87 -1.00 0.00	22.91 -1.08 0.00	27.33 -0.73 0.00	25.99 -0.56 0.00	24.39 -0.50 0.00	22.44 -0.57 0.00	20.62 -0.42 0.00	18.85 -0.46 0.00	14.80 -0.13 0.00
NEG NORTH___PLATTSBURG 23628	10.55 -0.04 0.00	8.70 -0.11 0.00	8.45 -0.15 0.00	8.54 -0.16 0.00	8.21 -0.19 0.00	10.11 -0.27 0.00	17.59 -0.66 0.00	22.07 -0.82 0.00	20.90 -1.10 0.00	21.03 -0.99 0.00	20.22 -1.27 0.00	18.26 -1.35 0.00	17.90 -1.43 0.00	18.74 -1.35 0.00	18.79 -1.13 0.00	19.87 -1.00 0.00	22.91 -1.08 0.00	27.33 -0.73 0.00	25.99 -0.56 0.00	24.39 -0.50 0.00	22.44 -0.57 0.00	20.62 -0.42 0.00	18.85 -0.46 0.00	14.80 -0.13 0.00
NEG WEST_LEA_LOCKPORT 23791	12.24 0.19 -1.46	10.15 0.09 -1.26	9.92 0.13 -1.18	9.93 0.15 -1.09	9.92 0.18 -1.33	11.91 0.32 -1.22	19.11 0.36 -0.50	23.60 0.71 0.01	22.45 0.46 0.01	22.09 0.55 0.48	21.83 0.75 0.40	20.01 0.69 0.29	19.67 0.72 0.37	20.41 0.62 0.30	20.44 0.68 0.16	21.19 0.54 0.22	26.11 0.89 -1.23	32.28 1.18 -3.04	29.06 0.93 -1.58	25.74 0.85 -0.01	23.86 0.85 0.00	21.44 0.40 0.00	19.49 0.17 0.00	15.34 -0.07 -0.48
NEG WEST___LANCASTR 23811	12.93 0.63 -1.71	10.72 0.44 -1.47	10.47 0.48 -1.39	10.47 0.50 -1.27	10.48 0.52 -1.56	12.56 0.76 -1.43	20.11 1.28 -0.59	24.83 1.85 -0.08	23.64 1.56 -0.08	31.65 1.61 -8.02	30.06 1.78 -6.79	29.35 1.65 -8.09	27.21 1.64 -6.24	26.72 1.59 -5.04	24.18 1.63 -2.62	26.10 1.54 -3.69	28.43 2.09 -2.35	36.42 2.53 -5.83	31.76 2.18 -3.03	26.93 2.04 0.00	24.94 1.93 0.00	22.41 1.37 0.00	20.34 1.02 0.00	16.11 0.61 -0.56
NEG_PENN_ALLEGHNY 23528	14.46 0.40 -3.46	12.12 0.32 -3.00	11.74 0.32 -2.82	11.61 0.32 -2.59	11.90 0.33 -3.17	13.71 0.45 -2.89	20.29 0.88 -1.17	24.09 1.19 0.00	23.10 1.10 0.00	23.25 1.10 -0.14	22.69 1.10 -0.11	21.17 1.00 -0.55	20.44 1.00 -0.10	21.18 1.00 -0.08	20.98 1.02 -0.04	21.95 1.02 -0.06	25.45 1.29 -0.16	29.97 1.51 -0.40	28.16 1.41 -0.21	26.21 1.32 0.00	24.23 1.22 0.00	22.03 0.99 0.00	20.15 0.83 0.00	16.65 0.57 -1.15
NEG___GEN_MONROE 24207	12.00 0.20 -1.20	9.96 0.11 -1.04	9.72 0.13 -0.98	9.74 0.15 -0.90	9.69 0.18 -1.10	11.69 0.31 -1.00	19.15 0.49 -0.41	23.74 0.85 0.00	22.62 0.62 0.00	22.72 0.70 0.00	22.30 0.82 0.00	20.46 0.71 -0.15	20.06 0.73 0.00	20.79 0.70 0.00	20.62 0.70 0.00	21.50 0.63 0.00	24.95 0.96 0.00	29.41 1.35 0.00	27.69 1.14 0.00	25.89 1.00 0.00	23.93 0.92 0.00	21.59 0.55 0.00	19.68 0.37 0.00	15.44 0.11 -0.40
NEPA___ENERGY 23901	12.94 0.64 -1.71	10.73 0.45 -1.48	10.48 0.49 -1.39	10.48 0.51 -1.27	10.50 0.53 -1.56	12.57 0.77 -1.43	20.13 1.30 -0.59	24.79 1.85 -0.04	23.60 1.56 -0.04	28.24 1.63 -4.60	27.20 1.83 -3.89	26.00 1.67 -4.72	24.58 1.68 -3.57	24.60 1.63 -2.89	23.09 1.67 -1.49	24.56 1.59 -2.11	28.51 2.16 -2.35	36.49 2.58 -5.85	31.80 2.20 -3.04	26.96 2.06 0.00	24.99 1.98 0.00	22.45 1.41 0.00	20.38 1.06 0.00	16.15 0.66 -0.57



NEVERSINK___HYD 23608	20.27 0.66 -9.01	17.20 0.56 -7.83	16.51 0.55 -7.36	16.01 0.56 -6.76	17.21 0.54 -8.27	18.56 0.65 -7.53	22.65 1.35 -3.05	24.55 1.65 0.00	23.59 1.58 0.00	23.56 1.54 0.00	23.01 1.53 0.00	22.12 1.41 -1.09	20.74 1.41 0.00	21.55 1.47 0.00	21.40 1.47 0.00	22.44 1.57 0.00	25.79 1.80 0.00	30.05 1.99 0.00	28.44 1.89 0.00	26.70 1.82 0.00	24.71 1.70 0.00	22.51 1.47 0.00	20.57 1.25 0.00	18.95 1.02 -3.00
NEWTON___FALLS_HYD 23847	10.23 -0.37 0.00	8.47 -0.33 0.00	8.25 -0.35 0.00	8.35 -0.35 0.00	8.05 -0.35 0.00	9.94 -0.44 0.00	17.37 -0.88 0.00	21.89 -1.01 0.00	20.95 -1.06 0.00	20.83 -1.19 0.00	20.17 -1.31 0.00	18.34 -1.27 0.00	18.09 -1.24 0.00	18.82 -1.26 0.00	18.71 -1.22 0.00	19.64 -1.23 0.00	22.67 -1.32 0.00	26.74 -1.32 0.00	25.33 -1.22 0.00	23.74 -1.14 0.00	21.84 -1.17 0.00	20.09 -0.95 0.00	18.37 -0.95 0.00	14.39 -0.54 0.00
NIAGARA_115E_LBMP 323715	12.04 -0.04 -1.49	10.00 -0.09 -1.29	9.78 -0.03 -1.21	9.79 -0.02 -1.11	9.78 0.02 -1.36	11.71 0.09 -1.24	18.66 -0.09 -0.51	23.03 0.16 0.03	21.89 -0.09 0.03	20.47 -0.02 1.52	20.38 0.19 1.29	18.49 0.20 1.32	18.37 0.23 1.19	19.25 0.12 0.96	19.60 0.18 0.51	20.18 0.02 0.71	25.58 0.26 -1.32	31.76 0.42 -3.28	28.47 0.21 -1.71	25.12 0.22 0.00	23.29 0.28 0.00	20.93 -0.10 0.00	19.05 -0.27 0.00	15.02 -0.40 -0.49
NIAGARA_115W_LBMP 323714	11.96 -0.09 -1.45	9.96 -0.12 -1.28	9.76 -0.05 -1.20	9.77 -0.03 -1.11	9.76 0.00 -1.35	11.63 0.05 -1.20	18.69 -0.02 -0.47	23.04 0.18 0.03	21.90 -0.07 0.03	19.96 0.04 2.10	19.96 0.26 1.78	17.98 0.25 1.89	17.98 0.29 1.64	18.94 0.18 1.33	19.47 0.24 0.70	19.98 0.08 0.97	22.91 0.38 1.47	25.01 0.56 3.61	25.00 0.34 1.89	24.87 0.00 0.02	23.06 0.05 0.00	20.75 -0.29 0.00	18.89 -0.43 0.00	14.90 -0.52 -0.49
NIAGARA_230_LBMP 323716	12.10 0.04 -1.46	10.05 -0.03 -1.27	9.83 0.03 -1.19	9.84 0.05 -1.10	9.82 0.08 -1.34	11.76 0.17 -1.22	18.75 0.02 -0.49	23.13 0.25 0.01	22.03 0.04 0.01	20.04 0.11 2.08	20.04 0.32 1.76	18.04 0.29 1.87	18.04 0.33 1.62	19.02 0.24 1.31	19.55 0.30 0.68	20.06 0.15 0.95	22.98 0.43 1.45	25.08 0.62 3.59	25.08 0.40 1.87	25.23 0.35 0.00	23.38 0.37 0.00	21.04 0.00 0.00	19.16 -0.16 0.00	15.12 -0.30 -0.49
NIAGARA___ 23760	12.00 -0.06 -1.47	9.98 -0.11 -1.29	9.77 -0.04 -1.21	9.78 -0.03 -1.11	9.77 0.01 -1.36	11.67 0.07 -1.22	18.72 -0.02 -0.49	23.08 0.21 0.02	21.96 -0.02 0.02	20.19 0.07 1.89	20.16 0.28 1.60	18.19 0.25 1.67	18.15 0.29 1.46	19.10 0.20 1.19	19.55 0.24 0.62	20.08 0.08 0.87	23.84 0.36 0.52	27.31 0.53 1.28	26.20 0.32 0.67	25.08 0.20 0.01	23.26 0.25 0.00	20.91 -0.13 0.00	19.05 -0.27 0.00	15.00 -0.42 -0.49
NINE_MILE_1 23575	11.04 -0.19 -0.64	9.19 -0.17 -0.55	8.96 -0.16 -0.52	9.01 -0.17 -0.48	8.84 -0.15 -0.59	10.74 -0.17 -0.53	18.17 -0.29 -0.22	22.48 -0.41 0.00	21.54 -0.46 0.00	21.55 -0.46 0.00	21.05 -0.43 0.00	19.30 -0.39 -0.08	18.96 -0.37 0.00	19.69 -0.40 0.00	19.49 -0.44 0.00	20.37 -0.50 0.00	23.47 -0.53 0.00	27.47 -0.59 0.00	25.99 -0.56 0.00	24.34 -0.55 0.00	22.50 -0.51 0.00	20.56 -0.48 0.00	18.99 -0.33 0.00	14.86 -0.28 -0.21
NINE_MILE_2 23744	11.04 -0.19 -0.64	9.19 -0.17 -0.55	8.96 -0.16 -0.52	9.01 -0.17 -0.48	8.84 -0.15 -0.58	10.74 -0.17 -0.53	18.17 -0.29 -0.22	22.48 -0.41 0.00	21.54 -0.46 0.00	21.55 -0.46 0.00	21.05 -0.43 0.00	19.30 -0.39 -0.08	18.96 -0.37 0.00	19.69 -0.40 0.00	19.49 -0.44 0.00	20.37 -0.50 0.00	23.47 -0.53 0.00	27.47 -0.59 0.00	25.97 -0.58 0.00	24.34 -0.55 0.00	22.50 -0.51 0.00	20.56 -0.48 0.00	18.99 -0.33 0.00	14.86 -0.28 -0.21
NM_CAPITAL___DRP 24208	24.42 0.60 -13.22	20.74 0.49 -11.44	19.84 0.48 -10.75	19.06 0.49 -9.88	20.97 0.48 -12.08	21.98 0.60 -11.00	23.68 0.98 -4.45	24.06 1.17 0.00	23.43 1.43 0.00	23.45 1.43 0.00	22.92 1.44 0.00	22.54 1.33 -1.60	20.62 1.30 0.00	21.39 1.30 0.00	21.24 1.31 0.00	22.27 1.40 0.00	25.29 1.29 0.00	29.49 1.43 0.00	27.93 1.38 0.00	26.16 1.27 0.00	24.18 1.17 0.00	22.30 1.26 0.00	20.36 1.04 0.00	20.03 0.72 -4.38
NM_CENTRAL___DRP 24181	11.52 0.04 -0.88	9.58 0.02 -0.76	9.34 0.02 -0.71	9.37 0.02 -0.66	9.24 0.03 -0.80	11.18 0.07 -0.73	18.74 0.20 -0.30	23.15 0.25 0.00	22.18 0.18 0.00	22.21 0.20 0.00	21.70 0.21 0.00	19.92 0.20 -0.11	19.52 0.19 0.00	20.27 0.18 0.00	20.07 0.14 0.00	20.98 0.10 0.00	24.21 0.22 0.00	28.34 0.28 0.00	26.79 0.24 0.00	25.09 0.20 0.00	23.19 0.18 0.00	21.12 0.08 0.00	19.45 0.14 0.00	15.27 0.04 -0.29
NM_FRONTIER___DRP 24179	11.96 -0.09 -1.45	9.96 -0.12 -1.28	9.76 -0.05 -1.20	9.77 -0.03 -1.11	9.76 0.00 -1.35	11.63 0.05 -1.20	18.69 -0.02 -0.47	23.04 0.18 0.03	21.90 -0.07 0.03	19.96 0.04 2.10	19.96 0.26 1.78	17.98 0.25 1.89	17.98 0.29 1.64	18.94 0.18 1.33	19.47 0.24 0.70	19.98 0.08 0.97	22.91 0.38 1.47	25.01 0.56 3.61	25.00 0.34 1.89	24.87 0.00 0.02	23.06 0.05 0.00	20.75 -0.29 0.00	18.89 -0.43 0.00	14.90 -0.52 -0.49
NM_ST_REGIS___HYD 24053	10.13 -0.47 0.00	8.37 -0.43 0.00	8.16 -0.45 0.00	8.24 -0.45 0.00	7.94 -0.47 0.00	9.77 -0.60 0.00	16.88 -1.37 0.00	21.23 -1.67 0.00	20.22 -1.78 0.00	20.08 -1.94 0.00	19.36 -2.13 0.00	17.56 -2.06 0.00	17.28 -2.05 0.00	18.04 -2.05 0.00	17.99 -1.93 0.00	18.95 -1.92 0.00	21.86 -2.14 0.00	25.90 -2.16 0.00	24.61 -1.94 0.00	23.05 -1.84 0.00	21.17 -1.84 0.00	19.61 -1.43 0.00	17.91 -1.41 0.00	14.21 -0.72 0.00
NORTHPORT___1 23551	21.66 1.17 -9.90	18.33 1.03 -8.49	17.69 1.10 -7.98	17.14 1.11 -7.33	18.45 1.08 -8.97	19.96 1.40 -8.18	28.63 2.66 -7.72	38.47 3.37 -12.21	28.57 3.45 -3.11	26.17 3.43 -0.72	24.99 3.33 -0.18	24.03 3.02 -1.39	22.66 3.07 -0.26	23.59 3.28 -0.23	24.88 3.27 -1.69	30.90 3.28 -6.75	34.30 3.55 -6.76	39.39 3.79 -7.54	38.04 3.56 -7.93	35.97 3.41 -7.68	33.16 3.34 -6.81	31.93 3.07 -7.82	24.23 2.92 -2.00	20.49 2.09 -3.46
NORTHPORT___2 23552	21.66 1.17 -9.90	18.33 1.03 -8.49	17.69 1.10 -7.98	17.14 1.11 -7.33	18.45 1.08 -8.97	19.96 1.40 -8.18	28.63 2.66 -7.72	38.47 3.37 -12.21	28.57 3.45 -3.11	26.17 3.43 -0.72	24.99 3.33 -0.18	24.03 3.02 -1.39	22.66 3.07 -0.26	23.59 3.28 -0.23	24.88 3.27 -1.69	30.90 3.28 -6.75	34.30 3.55 -6.76	39.39 3.79 -7.54	38.04 3.56 -7.93	35.97 3.41 -7.68	33.16 3.34 -6.81	31.93 3.07 -7.82	24.23 2.92 -2.00	20.49 2.09 -3.46
NORTHPORT___3 23553	21.60 1.11 -9.90	18.25 0.95 -8.49	17.61 1.02 -7.98	17.06 1.03 -7.33	18.38 1.00 -8.97	19.86 1.30 -8.18	28.42 2.48 -7.69	38.27 3.25 -12.12	28.35 3.26 -3.09	25.99 3.26 -0.72	24.86 3.20 -0.18	23.97 2.96 -1.39	22.54 2.96 -0.26	23.43 3.11 -0.23	24.67 3.07 -1.68	30.77 3.15 -6.75	34.21 3.46 -6.76	39.36 3.76 -7.54	38.04 3.56 -7.93	36.00 3.44 -7.68	33.14 3.31 -6.81	31.87 3.01 -7.82	24.06 2.76 -1.99	20.34 1.94 -3.46



NORTHPORT____4 23650	21.60 1.11 -9.90	18.25 0.95 -8.49	17.61 1.02 -7.98	17.06 1.03 -7.33	18.38 1.00 -8.97	19.86 1.30 -8.18	28.42 2.48 -7.69	38.27 3.25 -12.12	28.35 3.26 -3.09	25.99 3.26 -0.72	24.86 3.20 -0.18	23.97 2.96 -1.39	22.54 2.96 -0.26	23.43 3.11 -0.23	24.67 3.07 -1.68	30.77 3.15 -6.75	34.21 3.46 -6.76	39.36 3.76 -7.54	38.04 3.56 -7.93	36.00 3.44 -7.68	33.14 3.31 -6.81	31.87 3.01 -7.82	24.06 2.76 -1.99	20.34 1.94 -3.46
NORTHPORT____IC 23718	21.66 1.17 -9.90	18.33 1.03 -8.49	17.69 1.10 -7.98	17.14 1.11 -7.33	18.45 1.08 -8.97	19.96 1.40 -8.18	28.63 2.66 -7.72	38.47 3.37 -12.21	28.57 3.45 -3.11	26.17 3.43 -0.72	24.99 3.33 -0.18	24.03 3.02 -1.39	22.66 3.07 -0.26	23.59 3.28 -0.23	24.88 3.27 -1.69	30.90 3.28 -6.75	34.30 3.55 -6.76	39.39 3.79 -7.54	38.04 3.56 -7.93	35.97 3.41 -7.68	33.16 3.34 -6.81	31.93 3.07 -7.82	24.23 2.92 -2.00	20.49 2.09 -3.46
NPX_GEN_1385_PROXY 323591	21.67 1.18 -9.90	19.21 1.17 -9.24	18.82 1.23 -8.98	18.78 1.25 -8.83	19.21 1.21 -9.59	24.08 1.57 -12.14	33.23 2.96 -12.03	38.67 3.57 -12.21	30.30 3.79 -4.51	26.46 3.72 -0.72	25.10 3.44 -0.18	24.06 3.06 -1.39	23.00 3.33 -0.35	23.85 3.54 -0.23	25.12 3.51 -1.69	30.84 3.21 -6.75	34.69 3.94 -6.76	39.70 4.10 -7.54	38.17 3.69 -7.93	35.88 3.31 -7.68	33.09 3.27 -6.81	31.87 3.01 -7.82	24.35 3.03 -2.00	20.71 2.31 -3.46
NPX_GEN_CSC 323557	21.88 1.39 -9.90	18.53 1.23 -8.49	17.88 1.29 -7.98	17.34 1.31 -7.33	18.65 1.27 -8.97	20.22 1.66 -8.18	29.11 3.17 -7.69	39.14 4.12 -12.12	29.12 3.96 -3.16	26.68 3.92 -0.74	25.50 3.80 -0.21	24.28 3.24 -1.43	23.00 3.36 -0.31	24.00 3.64 -0.27	25.31 3.67 -1.72	31.54 3.90 -6.77	35.10 4.34 -6.76	40.29 4.69 -7.54	38.99 4.51 -7.93	36.93 4.35 -7.68	34.05 4.21 -6.82	32.68 3.81 -7.83	24.80 3.46 -2.03	20.84 2.45 -3.46
NSINS_S_GLNS_FALLS 23858	25.43 0.76 -14.07	21.58 0.60 -12.18	20.63 0.59 -11.44	19.81 0.61 -10.51	21.85 0.59 -12.86	22.85 0.77 -11.71	24.70 1.71 -4.74	25.23 2.34 0.00	24.31 2.31 0.00	24.64 2.62 0.00	24.08 2.60 0.00	23.84 2.53 -1.70	21.68 2.36 0.00	22.46 2.37 0.00	22.28 2.35 0.00	23.23 2.36 0.00	26.59 2.59 0.00	30.98 2.92 0.00	29.31 2.76 0.00	27.30 2.41 0.00	25.20 2.19 0.00	23.06 2.02 0.00	20.86 1.55 0.00	20.60 1.04 -4.62
NUCOR_STEEL____DRP 24197	12.01 0.17 -1.25	10.00 0.11 -1.08	9.73 0.11 -1.02	9.74 0.11 -0.93	9.68 0.13 -1.14	11.62 0.21 -1.04	19.12 0.46 -0.42	23.54 0.64 0.00	22.53 0.53 0.00	22.54 0.53 0.00	22.02 0.54 0.00	20.26 0.49 -0.15	19.81 0.48 0.00	20.57 0.48 0.00	20.38 0.46 0.00	21.31 0.44 0.00	24.64 0.65 0.00	28.90 0.84 0.00	27.32 0.77 0.00	25.56 0.67 0.00	23.63 0.62 0.00	21.48 0.44 0.00	19.72 0.41 0.00	15.58 0.24 -0.41
NYISO_LBMP_REFERENCE 24008	10.60 0.00 0.00	8.80 0.00 0.00	8.61 0.00 0.00	8.69 0.00 0.00	8.41 0.00 0.00	10.38 0.00 0.00	18.25 0.00 0.00	22.90 0.00 0.00	22.00 0.00 0.00	22.02 0.00 0.00	21.48 0.00 0.00	19.61 0.00 0.00	19.33 0.00 0.00	20.09 0.00 0.00	19.93 0.00 0.00	20.87 0.00 0.00	23.99 0.00 0.00	28.06 0.00 0.00	26.55 0.00 0.00	24.89 0.00 0.00	23.01 0.00 0.00	21.04 0.00 0.00	19.32 0.00 0.00	14.93 0.00 0.00
NYPA_BRENTWD____GT 24164	21.80 1.30 -9.90	18.43 1.14 -8.49	17.78 1.20 -7.98	17.23 1.21 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.84 2.94 -7.65	38.72 3.80 -12.02	28.97 3.76 -3.21	26.53 3.74 -0.77	25.37 3.63 -0.25	24.37 3.28 -1.48	23.00 3.30 -0.37	23.95 3.54 -0.33	25.23 3.55 -1.75	31.28 3.63 -6.78	34.76 4.01 -6.76	39.98 4.38 -7.54	38.57 4.09 -7.93	36.50 3.93 -7.68	33.66 3.82 -6.83	32.34 3.47 -7.83	24.58 3.21 -2.06	20.66 2.27 -3.46
NYPA_GOWANUS____GT5 24156	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NYPA_GOWANUS____GT6 24157	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26
NYPA_HARLEM_RVR_GT1 24160	21.62 1.11 -9.92	18.22 0.91 -8.51	17.48 0.88 -7.99	16.91 0.87 -7.35	18.25 0.86 -8.98	19.52 0.97 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.07 2.60 0.01	23.28 2.49 -1.18	21.79 2.47 0.01	22.65 2.57 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.77 2.78 0.01	30.89 2.83 0.01	29.28 2.74 0.01	27.65 2.76 0.00	25.82 2.81 0.00	23.67 2.63 0.00	21.58 2.26 -0.01	19.80 1.61 -3.26
NYPA_HARLEM_RVR_GT2 24161	21.62 1.11 -9.92	18.22 0.91 -8.51	17.48 0.88 -7.99	16.91 0.87 -7.35	18.25 0.86 -8.98	19.52 0.97 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.07 2.60 0.01	23.28 2.49 -1.18	21.79 2.47 0.01	22.65 2.57 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.77 2.78 0.01	30.89 2.83 0.01	29.28 2.74 0.01	27.65 2.76 0.00	25.82 2.81 0.00	23.67 2.63 0.00	21.58 2.26 -0.01	19.80 1.61 -3.26
NYPA_KENT____GT 24152	21.59 1.09 -9.90	18.19 0.90 -8.49	17.45 0.86 -7.98	16.89 0.86 -7.33	18.22 0.85 -8.97	19.56 1.02 -8.17	23.52 1.97 -3.31	25.53 2.63 0.00	24.66 2.66 0.00	24.70 2.69 0.00	24.21 2.73 0.00	23.41 2.61 -1.18	21.92 2.59 0.00	22.80 2.71 0.00	22.64 2.71 -0.01	23.65 2.78 0.00	26.99 3.00 0.00	31.20 3.14 0.00	29.55 3.00 0.00	27.85 2.96 0.00	25.91 2.90 0.00	23.67 2.63 0.00	21.64 2.32 -0.01	19.83 1.64 -3.26
NYPA_POUCH1____GT 24155	21.64 1.14 -9.90	18.23 0.93 -8.49	17.48 0.90 -7.98	16.91 0.89 -7.33	18.25 0.87 -8.97	19.59 1.05 -8.17	23.56 2.01 -3.31	25.57 2.68 0.00	24.68 2.68 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.63 3.08 0.00	27.92 3.04 0.00	25.98 2.97 0.00	23.75 2.72 0.00	21.72 2.39 -0.01	19.89 1.70 -3.26
NYPA_VERNON____GT2 24162	21.57 1.07 -9.90	18.18 0.88 -8.49	17.44 0.85 -7.98	16.88 0.85 -7.33	18.21 0.83 -8.97	19.55 1.01 -8.17	23.51 1.95 -3.31	25.48 2.59 0.00	24.64 2.64 0.00	24.68 2.66 0.00	24.19 2.71 0.00	23.37 2.57 -1.18	21.90 2.57 0.00	22.76 2.67 0.00	22.60 2.67 -0.01	23.62 2.75 0.00	26.94 2.95 0.00	31.12 3.06 0.00	29.47 2.92 0.00	27.77 2.89 0.00	25.84 2.83 0.00	23.63 2.59 0.00	21.60 2.28 -0.01	19.80 1.61 -3.26



NYPA_VERNON____GT3 24163	21.57 1.07 -9.90	18.18 0.88 -8.49	17.44 0.85 -7.98	16.88 0.85 -7.33	18.21 0.83 -8.97	19.55 1.01 -8.17	23.51 1.95 -3.31	25.48 2.59 0.00	24.64 2.64 0.00	24.68 2.66 0.00	24.19 2.71 0.00	23.37 2.57 -1.18	21.90 2.57 0.00	22.76 2.67 0.00	22.60 2.67 -0.01	23.62 2.75 0.00	26.94 2.95 0.00	31.12 3.06 0.00	29.47 2.92 0.00	27.77 2.89 0.00	25.84 2.83 0.00	23.63 2.59 0.00	21.60 2.28 -0.01	19.80 1.61 -3.26
NYPA____ASTORIA_CC1 323568	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.60 2.59 0.00	24.66 2.64 0.00	24.15 2.66 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.58 2.65 -0.01	23.60 2.73 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.63 2.59 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26
NYPA____ASTORIA_CC2 323569	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.60 2.59 0.00	24.66 2.64 0.00	24.15 2.66 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.58 2.65 -0.01	23.60 2.73 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.63 2.59 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26
NYPA____HOLTSVILL 23794	21.78 1.29 -9.90	18.43 1.14 -8.49	17.78 1.20 -7.98	17.24 1.22 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.86 2.92 -7.69	38.80 3.78 -12.13	28.83 3.67 -3.15	26.41 3.66 -0.74	25.23 3.54 -0.21	24.20 3.16 -1.43	22.84 3.21 -0.30	23.83 3.48 -0.27	25.13 3.49 -1.71	31.25 3.61 -6.76	34.74 3.98 -6.76	39.90 4.29 -7.54	38.57 4.09 -7.93	36.50 3.93 -7.68	33.68 3.84 -6.82	32.36 3.49 -7.83	24.55 3.21 -2.02	20.66 2.27 -3.46
NYPA____HELLGATE_GT1 24158	21.61 1.11 -9.90	18.20 0.91 -8.49	17.46 0.88 -7.98	16.90 0.87 -7.33	18.23 0.86 -8.97	19.52 0.97 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.07 2.60 0.01	23.28 2.49 -1.18	21.79 2.47 0.01	22.65 2.57 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.77 2.78 0.01	30.89 2.83 0.01	29.28 2.74 0.01	27.65 2.76 0.00	25.82 2.81 0.00	23.67 2.63 0.00	21.58 2.26 -0.01	19.80 1.61 -3.26
NYPA____HELLGATE_GT2 24159	21.61 1.11 -9.90	18.20 0.91 -8.49	17.46 0.88 -7.98	16.90 0.87 -7.33	18.23 0.86 -8.97	19.52 0.97 -8.17	23.43 1.88 -3.31	25.37 2.47 0.00	24.46 2.46 0.00	24.61 2.60 0.00	24.07 2.60 0.01	23.28 2.49 -1.18	21.79 2.47 0.01	22.65 2.57 0.01	22.54 2.61 -0.01	23.56 2.69 0.00	26.77 2.78 0.01	30.89 2.83 0.01	29.28 2.74 0.01	27.65 2.76 0.00	25.82 2.81 0.00	23.67 2.63 0.00	21.58 2.26 -0.01	19.80 1.61 -3.26
NYS_BARGE____HYD 23848	12.22 0.18 -1.45	10.14 0.09 -1.25	9.91 0.13 -1.17	9.92 0.15 -1.08	9.91 0.18 -1.32	11.91 0.32 -1.21	19.11 0.36 -0.50	23.62 0.73 0.01	22.45 0.46 0.01	22.01 0.55 0.55	21.77 0.75 0.47	19.93 0.69 0.37	19.63 0.73 0.43	20.38 0.64 0.35	20.44 0.70 0.19	21.15 0.54 0.26	26.36 0.91 -1.45	32.84 1.18 -3.60	29.36 0.93 -1.88	25.74 0.85 -0.01	23.86 0.85 0.00	21.44 0.40 0.00	19.49 0.17 0.00	15.34 -0.07 -0.48
O.H._GEN_BRUCE 24063	12.31 0.13 -1.59	10.23 0.04 -1.38	10.00 0.09 -1.30	10.00 0.11 -1.19	10.00 0.13 -1.46	11.94 0.24 -1.33	19.00 0.22 -0.53	23.40 0.50 0.00	22.27 0.26 0.00	22.01 0.33 0.34	21.71 0.51 0.28	19.95 0.47 0.14	19.57 0.50 0.26	20.30 0.42 0.21	20.30 0.48 0.11	21.05 0.33 0.15	23.99 0.67 0.67	27.26 0.87 1.67	26.32 0.64 0.87	25.46 0.57 0.00	23.61 0.60 0.00	21.25 0.21 0.00	19.36 0.04 0.00	15.31 -0.15 -0.53
OAK ORCHARD____HYD 24046	11.89 0.11 -1.19	9.87 0.04 -1.03	9.63 0.05 -0.97	9.66 0.07 -0.89	9.59 0.09 -1.09	11.56 0.19 -0.99	18.94 0.29 -0.40	23.45 0.55 0.00	22.35 0.35 0.00	22.46 0.44 0.00	22.00 0.51 0.00	20.21 0.45 -0.14	19.81 0.48 0.00	20.53 0.44 0.00	20.36 0.44 0.00	21.27 0.40 0.00	24.66 0.67 0.00	29.04 0.98 0.00	27.35 0.80 0.00	25.58 0.70 0.00	23.68 0.67 0.00	21.40 0.36 0.00	19.53 0.21 0.00	15.33 0.00 -0.40
OCC_CHEM____DRP 24175	12.00 -0.04 -1.45	10.00 -0.09 -1.28	9.80 -0.02 -1.21	9.80 0.00 -1.11	9.79 0.03 -1.36	11.67 0.09 -1.20	18.75 0.04 -0.46	23.11 0.25 0.04	21.96 0.00 0.04	20.00 0.09 2.11	20.02 0.32 1.78	18.02 0.29 1.89	18.02 0.33 1.64	19.00 0.24 1.33	19.51 0.28 0.70	20.02 0.13 0.98	22.98 0.45 1.47	25.09 0.65 3.62	25.08 0.42 1.89	24.99 0.13 0.03	23.19 0.18 0.00	20.85 -0.19 0.00	18.99 -0.33 0.00	14.98 -0.45 -0.49
OLIN_CORP_DRP 24177	12.09 0.00 -1.50	10.05 -0.05 -1.30	9.83 0.00 -1.22	9.83 0.02 -1.12	9.83 0.05 -1.37	11.77 0.15 -1.25	18.74 -0.02 -0.51	23.11 0.25 0.04	21.96 0.00 0.04	19.99 0.09 2.12	19.99 0.30 1.79	18.01 0.29 1.90	18.01 0.33 1.65	18.99 0.24 1.34	19.50 0.28 0.70	20.01 0.13 0.98	26.04 0.36 -1.69	32.78 0.53 -4.19	29.05 0.32 -2.18	25.24 0.35 0.00	23.38 0.37 0.00	21.02 -0.02 0.00	19.12 -0.19 0.00	15.09 -0.34 -0.50
OLIN_CORP_DSASP 323712	12.00 -0.04 -1.45	10.00 -0.09 -1.28	9.80 -0.02 -1.21	9.80 0.00 -1.11	9.79 0.03 -1.36	11.67 0.09 -1.20	18.75 0.04 -0.46	23.11 0.25 0.04	21.96 0.00 0.04	20.00 0.09 2.11	20.02 0.32 1.78	18.02 0.29 1.89	18.02 0.33 1.64	19.00 0.24 1.33	19.51 0.28 0.70	20.02 0.13 0.98	22.98 0.45 1.47	25.09 0.65 3.62	25.08 0.42 1.89	24.99 0.13 0.03	23.19 0.18 0.00	20.85 -0.19 0.00	18.99 -0.33 0.00	14.98 -0.45 -0.49
ONEIDA_HERK_LFGE 323681	10.78 0.18 0.00	8.93 0.12 0.00	8.72 0.11 0.00	8.81 0.11 0.00	8.52 0.11 0.00	10.54 0.17 0.00	18.68 0.44 0.00	23.58 0.69 0.00	22.62 0.62 0.00	22.63 0.62 0.00	22.00 0.51 0.00	20.05 0.43 0.00	19.77 0.44 0.00	20.53 0.44 0.00	20.36 0.44 0.00	21.33 0.46 0.00	24.64 0.65 0.00	28.90 0.84 0.00	27.37 0.82 0.00	25.63 0.75 0.00	23.63 0.62 0.00	21.52 0.48 0.00	19.68 0.37 0.00	15.20 0.27 0.00
ONONDAGA_REF_OCCRA 23987	11.82 0.11 -1.12	9.84 0.07 -0.97	9.59 0.07 -0.91	9.60 0.07 -0.84	9.52 0.08 -1.03	11.44 0.13 -0.93	18.95 0.33 -0.38	23.33 0.43 0.00	22.35 0.35 0.00	22.39 0.37 0.00	21.85 0.36 0.00	20.08 0.33 -0.14	19.68 0.35 0.00	20.41 0.32 0.00	20.23 0.30 0.00	21.14 0.27 0.00	24.40 0.41 0.00	28.59 0.53 0.00	27.03 0.48 0.00	25.31 0.42 0.00	23.38 0.37 0.00	21.31 0.27 0.00	19.59 0.27 0.00	15.45 0.15 -0.37
ONONDAGA____COGEN 23986	11.76 0.10 -1.07	9.79 0.06 -0.93	9.54 0.06 -0.87	9.56 0.06 -0.80	9.45 0.07 -0.98	11.39 0.12 -0.89	18.90 0.29 -0.36	23.26 0.37 0.00	22.29 0.29 0.00	22.33 0.31 0.00	21.78 0.30 0.00	20.02 0.27 -0.13	19.60 0.27 0.00	20.35 0.26 0.00	20.15 0.22 0.00	21.08 0.21 0.00	24.33 0.34 0.00	28.51 0.45 0.00	26.95 0.40 0.00	25.24 0.35 0.00	23.33 0.32 0.00	21.25 0.21 0.00	19.55 0.23 0.00	15.42 0.13 -0.35



ONTARIO___LFGE 23819	12.28 0.30 -1.38	10.21 0.20 -1.20	9.94 0.21 -1.13	9.95 0.22 -1.04	9.93 0.25 -1.27	11.93 0.39 -1.16	19.54 0.82 -0.47	24.13 1.24 0.00	23.01 1.01 0.00	23.16 1.06 -0.08	22.65 1.10 -0.07	20.84 0.98 -0.25	20.38 0.99 -0.07	21.12 0.98 -0.05	20.93 0.98 -0.03	21.87 0.96 -0.04	25.46 1.37 -0.10	30.05 1.74 -0.25	28.22 1.54 -0.13	26.28 1.39 0.00	24.28 1.26 0.00	21.92 0.88 0.00	19.99 0.68 0.00	15.77 0.37 -0.46
ORANGEVILLE_WT_PWR 323706	12.71 0.40 -1.71	10.54 0.26 -1.48	10.29 0.29 -1.39	10.29 0.31 -1.28	10.31 0.34 -1.57	12.34 0.53 -1.43	19.69 0.86 -0.59	24.25 1.33 -0.02	23.10 1.08 -0.02	26.24 1.17 -3.06	25.40 1.33 -2.59	24.06 1.24 -3.21	23.00 1.30 -2.38	23.25 1.25 -1.92	22.21 1.29 -0.99	23.48 1.21 -1.40	27.41 1.70 -1.71	34.39 2.08 -4.25	30.54 1.78 -2.21	26.53 1.64 0.00	24.55 1.54 0.00	22.05 1.01 0.00	20.03 0.72 0.00	15.86 0.36 -0.57
OSWEGATCHIE___HYD 24044	10.23 -0.37 0.00	8.47 -0.33 0.00	8.25 -0.35 0.00	8.35 -0.35 0.00	8.05 -0.35 0.00	9.94 -0.44 0.00	17.37 -0.88 0.00	21.89 -1.01 0.00	20.95 -1.06 0.00	20.83 -1.19 0.00	20.17 -1.31 0.00	18.34 -1.27 0.00	18.09 -1.24 0.00	18.82 -1.26 0.00	18.71 -1.22 0.00	19.64 -1.23 0.00	22.67 -1.32 0.00	26.74 -1.32 0.00	25.33 -1.22 0.00	23.74 -1.14 0.00	21.84 -1.17 0.00	20.09 -0.95 0.00	18.37 -0.95 0.00	14.39 -0.54 0.00
OSWEGO___5 23606	11.22 -0.12 -0.74	9.34 -0.11 -0.64	9.11 -0.10 -0.60	9.14 -0.10 -0.55	8.99 -0.09 -0.68	10.91 -0.08 -0.62	18.35 -0.15 -0.25	22.69 -0.21 0.00	21.74 -0.26 0.00	21.78 -0.24 0.00	21.25 -0.24 0.00	19.49 -0.22 -0.09	19.13 -0.19 0.00	19.87 -0.22 0.00	19.67 -0.26 0.00	20.58 -0.29 0.00	23.71 -0.29 0.00	27.75 -0.31 0.00	26.23 -0.32 0.00	24.59 -0.30 0.00	22.74 -0.28 0.00	20.75 -0.29 0.00	19.12 -0.19 0.00	15.01 -0.16 -0.25
OSWEGO___6 23613	11.22 -0.12 -0.74	9.34 -0.11 -0.64	9.11 -0.10 -0.60	9.14 -0.10 -0.55	8.99 -0.09 -0.68	10.91 -0.08 -0.62	18.35 -0.15 -0.25	22.69 -0.21 0.00	21.74 -0.26 0.00	21.78 -0.24 0.00	21.25 -0.24 0.00	19.49 -0.22 -0.09	19.13 -0.19 0.00	19.87 -0.22 0.00	19.67 -0.26 0.00	20.58 -0.29 0.00	23.71 -0.29 0.00	27.75 -0.31 0.00	26.23 -0.32 0.00	24.59 -0.30 0.00	22.74 -0.28 0.00	20.75 -0.29 0.00	19.12 -0.19 0.00	15.01 -0.16 -0.25
OUTOKUMPU-AB___DRP 24206	12.61 0.46 -1.56	10.41 0.29 -1.32	10.18 0.34 -1.24	10.20 0.37 -1.14	10.18 0.39 -1.39	12.27 0.59 -1.31	19.74 0.93 -0.56	24.32 1.42 0.00	23.12 1.12 0.00	24.42 1.23 -1.17	23.91 1.44 -0.99	22.26 1.31 -1.33	21.57 1.33 -0.91	22.09 1.27 -0.73	21.64 1.34 -0.37	22.59 1.19 -0.53	30.58 1.70 -4.89	42.25 2.08 -12.11	34.64 1.78 -6.31	26.24 1.32 -0.03	24.23 1.22 0.00	21.76 0.72 0.00	19.78 0.46 0.00	15.57 0.13 -0.50
OXBOW___ 24026	12.07 0.03 -1.45	10.06 -0.03 -1.28	9.85 0.03 -1.21	9.86 0.05 -1.11	9.85 0.08 -1.36	11.75 0.18 -1.20	18.91 0.20 -0.46	23.32 0.46 0.04	22.16 0.20 0.04	20.22 0.31 2.11	20.21 0.51 1.78	18.19 0.47 1.89	18.21 0.52 1.64	19.18 0.42 1.33	19.71 0.48 0.70	20.21 0.31 0.98	23.22 0.70 1.47	25.34 0.90 3.62	25.32 0.66 1.89	25.77 0.85 -0.03	23.82 0.80 0.00	21.40 0.36 0.00	19.45 0.14 0.00	15.32 -0.10 -0.50
OXY_CHEM_DSASP 323612	12.00 -0.04 -1.45	10.00 -0.09 -1.28	9.80 -0.02 -1.21	9.80 0.00 -1.11	9.79 0.03 -1.36	11.67 0.09 -1.20	18.75 0.04 -0.46	23.11 0.25 0.04	21.96 0.00 0.04	20.00 0.09 2.11	20.02 0.32 1.78	18.02 0.29 1.89	18.02 0.33 1.64	19.00 0.24 1.33	19.51 0.28 0.70	20.02 0.13 0.98	22.98 0.45 1.47	25.09 0.65 3.62	25.08 0.42 1.89	24.99 0.13 0.03	23.19 0.18 0.00	20.85 -0.19 0.00	18.99 -0.33 0.00	14.98 -0.45 -0.49
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	12.00 -0.04 -1.45	10.00 -0.09 -1.28	9.80 -0.02 -1.21	9.80 0.00 -1.11	9.79 0.03 -1.36	11.67 0.09 -1.20	18.75 0.04 -0.46	23.11 0.25 0.04	21.96 0.00 0.04	20.00 0.09 2.11	20.02 0.32 1.78	18.02 0.29 1.89	18.02 0.33 1.64	19.00 0.24 1.33	19.51 0.28 0.70	20.02 0.13 0.98	22.98 0.45 1.47	25.09 0.65 3.62	25.08 0.42 1.89	24.99 0.13 0.03	23.19 0.18 0.00	20.85 -0.19 0.00	18.99 -0.33 0.00	14.98 -0.45 -0.49
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.55 1.05 -9.90	18.16 0.86 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.48 0.93 -8.17	23.36 1.81 -3.31	25.30 2.40 0.00	24.42 2.42 0.00	24.57 2.55 0.00	24.03 2.56 0.01	23.22 2.43 -1.18	21.75 2.44 0.01	22.61 2.53 0.01	22.51 2.57 -0.01	23.52 2.65 0.00	26.74 2.76 0.01	30.92 2.86 0.01	29.28 2.74 0.01	27.63 2.74 0.00	25.77 2.76 0.00	23.61 2.57 0.00	21.51 2.18 -0.01	19.74 1.55 -3.26
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.56 1.06 -9.90	18.16 0.86 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.49 0.94 -8.17	23.38 1.82 -3.31	25.30 2.40 0.00	24.42 2.42 0.00	24.57 2.55 0.00	24.03 2.56 0.01	23.22 2.43 -1.18	21.75 2.44 0.01	22.61 2.53 0.01	22.52 2.59 -0.01	23.52 2.65 0.00	26.77 2.78 0.01	30.92 2.86 0.01	29.28 2.74 0.01	27.63 2.74 0.00	25.77 2.76 0.00	23.61 2.57 0.00	21.51 2.18 -0.01	19.74 1.55 -3.26
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	12.86 0.61 -1.65	10.66 0.43 -1.43	10.41 0.46 -1.34	10.41 0.49 -1.23	10.42 0.51 -1.50	12.51 0.76 -1.38	20.07 1.26 -0.57	24.85 1.83 -0.12	23.67 1.54 -0.12	36.10 1.61 -12.47	33.84 1.80 -10.55	33.71 1.65 -12.45	30.68 1.66 -9.69	29.54 1.61 -7.84	25.65 1.65 -4.07	28.15 1.54 -5.73	28.58 2.11 -2.47	36.75 2.55 -6.14	31.95 2.20 -3.19	26.94 2.04 0.00	24.94 1.93 0.00	22.41 1.37 0.00	20.32 1.00 0.00	16.06 0.58 -0.55
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.74 0.97 -10.17	18.40 0.83 -8.77	17.66 0.81 -8.24	17.08 0.81 -7.57	18.44 0.77 -9.26	19.76 0.94 -8.44	23.56 1.90 -3.42	25.39 2.50 0.00	24.42 2.42 0.00	24.40 2.38 0.00	23.89 2.41 0.00	23.05 2.22 -1.22	21.53 2.20 0.00	22.38 2.29 0.00	22.20 2.27 0.00	23.25 2.38 0.00	26.70 2.71 0.00	31.09 3.03 0.00	29.39 2.84 0.00	27.60 2.71 0.00	25.57 2.55 0.00	23.33 2.29 0.00	21.29 1.97 0.00	19.73 1.43 -3.36
PEEKSKILL___ 23653	21.19 0.84 -9.76	17.91 0.70 -8.41	17.20 0.70 -7.90	16.65 0.70 -7.26	17.96 0.67 -8.88	19.29 0.83 -8.08	23.14 1.62 -3.27	25.07 2.18 0.00	24.20 2.20 0.00	24.18 2.16 0.00	23.70 2.21 0.00	22.85 2.06 -1.17	21.40 2.07 0.00	22.24 2.15 0.00	22.08 2.15 0.00	23.08 2.21 0.00	26.42 2.42 0.00	30.64 2.58 0.00	28.99 2.44 0.00	27.28 2.39 0.00	25.31 2.30 0.00	23.12 2.08 0.00	21.15 1.84 0.00	19.45 1.30 -3.22
PGE MADISON___WINDPWR 24146	15.02 0.85 -3.58	12.56 0.65 -3.11	12.15 0.62 -2.92	12.01 0.63 -2.68	12.31 0.62 -3.28	14.21 0.85 -2.99	21.41 1.95 -1.21	25.64 2.75 0.00	24.55 2.55 0.00	24.72 2.60 -0.10	24.02 2.45 -0.09	22.37 2.22 -0.54	21.61 2.20 -0.08	22.40 2.25 -0.07	22.23 2.27 -0.03	23.30 2.38 -0.05	27.21 3.10 -0.12	32.21 3.84 -0.31	30.35 3.64 -0.16	28.30 3.41 0.00	26.02 3.01 0.00	23.46 2.42 0.00	21.31 1.99 0.00	17.52 1.40 -1.19



PIERCEFIELD___HYD 23852	10.05 -0.55 0.00	8.32 -0.48 0.00	8.11 -0.50 0.00	8.19 -0.50 0.00	7.89 -0.51 0.00	9.72 -0.65 0.00	16.75 -1.50 0.00	21.09 -1.81 0.00	20.13 -1.87 0.00	19.90 -2.11 0.00	19.21 -2.28 0.00	17.46 -2.16 0.00	17.18 -2.15 0.00	17.94 -2.15 0.00	17.85 -2.07 0.00	18.80 -2.07 0.00	21.67 -2.33 0.00	25.62 -2.44 0.00	24.32 -2.23 0.00	22.77 -2.12 0.00	20.92 -2.09 0.00	19.40 -1.64 0.00	17.73 -1.58 0.00	14.11 -0.82 0.00
PINELAWN_CC_1 323563	21.69 1.20 -9.90	18.33 1.03 -8.49	17.68 1.09 -7.98	17.13 1.10 -7.33	18.44 1.07 -8.97	19.95 1.39 -8.18	28.38 2.68 -7.45	37.88 3.50 -11.49	28.98 3.50 -3.48	26.40 3.48 -0.91	25.35 3.39 -0.47	24.45 3.10 -1.73	23.12 3.11 -0.68	23.99 3.29 -0.60	25.17 3.29 -1.95	31.09 3.36 -6.86	34.23 3.48 -6.76	39.34 3.73 -7.54	38.01 3.53 -7.93	35.96 3.38 -7.69	33.19 3.31 -6.86	32.13 3.22 -7.87	24.50 2.96 -2.23	20.46 2.07 -3.46
PJM_GEN_HTP_PROXY 323702	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.17 0.80 -8.97	19.54 1.00 -8.17	23.45 1.90 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.59 2.57 0.00	24.10 2.62 0.00	23.27 2.47 -1.18	21.80 2.47 0.00	22.66 2.57 0.00	22.50 2.57 0.00	23.50 2.63 0.00	26.85 2.85 0.00	31.09 3.03 0.00	29.42 2.87 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.25
PJM_GEN_KEystone 24065	17.12 0.58 -5.94	14.49 0.47 -5.22	13.99 0.48 -4.90	13.69 0.50 -4.50	14.40 0.49 -5.51	16.04 0.64 -5.02	21.45 1.17 -2.03	24.51 1.60 -0.01	23.53 1.52 -0.01	24.48 1.52 -0.94	23.89 1.61 -0.80	22.78 1.51 -1.65	21.57 1.51 -0.73	22.21 1.53 -0.59	21.77 1.53 -0.31	22.85 1.54 -0.43	26.01 1.82 -0.20	30.57 2.02 -0.49	28.61 1.81 -0.25	26.66 1.77 0.00	24.74 1.73 0.00	22.45 1.41 0.00	20.48 1.16 0.00	17.71 0.78 -2.00
PJM_GEN_NEPTUNE_PROXY 323594	21.51 1.02 -9.89	18.17 0.87 -8.49	17.53 0.95 -7.98	16.98 0.96 -7.33	18.30 0.92 -8.97	19.75 1.19 -8.18	26.01 2.28 -5.49	31.95 2.98 -6.08	27.23 3.01 -2.21	25.67 3.02 -0.63	24.50 2.99 -0.04	23.63 2.78 -1.23	22.17 2.78 -0.05	23.05 2.91 -0.05	23.89 2.87 -1.09	30.30 2.92 -6.50	33.95 3.19 -6.76	39.03 3.42 -7.54	37.72 3.24 -7.93	35.68 3.14 -7.65	32.76 3.04 -6.71	31.50 2.76 -7.71	23.27 2.55 -1.41	20.20 1.81 -3.47
PJM_GEN_VFT_PROXY 323633	21.51 1.02 -9.90	18.14 0.85 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.54 1.00 -8.17	23.45 1.90 -3.31	25.37 2.47 0.00	24.53 2.53 0.00	24.57 2.55 0.00	24.10 2.62 0.00	23.31 2.51 -1.18	21.82 2.49 0.00	22.68 2.59 0.00	22.54 2.61 -0.01	23.52 2.65 0.00	26.80 2.81 0.00	31.01 2.95 0.00	29.36 2.81 0.00	27.63 2.74 0.00	25.73 2.71 0.00	23.52 2.48 0.00	21.54 2.22 0.00	19.74 1.55 -3.26
PLEASANTVLY___LBMP 24000	21.75 0.86 -10.30	18.39 0.71 -8.87	17.65 0.71 -8.33	17.06 0.70 -7.66	18.46 0.69 -9.37	19.76 0.85 -8.53	23.32 1.62 -3.45	25.05 2.15 0.00	24.18 2.18 0.00	24.18 2.16 0.00	23.68 2.19 0.00	22.91 2.06 -1.24	21.38 2.05 0.00	22.22 2.13 0.00	22.06 2.13 0.00	23.06 2.19 0.00	26.39 2.40 0.00	30.64 2.58 0.00	28.99 2.44 0.00	27.25 2.37 0.00	25.29 2.28 0.00	23.10 2.06 0.00	21.13 1.82 0.00	19.63 1.30 -3.40
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.48 0.93 -9.95	18.13 0.77 -8.55	17.41 0.77 -8.03	16.84 0.77 -7.38	18.18 0.74 -9.03	19.52 0.92 -8.22	23.34 1.77 -3.33	25.26 2.36 0.00	24.38 2.38 0.00	24.37 2.36 0.00	23.89 2.41 0.00	23.06 2.25 -1.19	21.57 2.24 0.00	22.42 2.33 0.00	22.26 2.33 0.00	23.27 2.40 0.00	26.63 2.64 0.00	30.89 2.83 0.00	29.23 2.68 0.00	27.48 2.59 0.00	25.52 2.51 0.00	23.29 2.25 0.00	21.31 1.99 0.00	19.63 1.42 -3.28
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.08 0.93 -10.55	18.69 0.77 -9.12	17.93 0.76 -8.56	17.33 0.77 -7.87	18.78 0.75 -9.63	20.05 0.91 -8.77	23.56 1.77 -3.55	25.12 2.22 0.00	24.22 2.22 0.00	24.20 2.18 0.00	23.68 2.19 0.00	22.93 2.04 -1.27	21.36 2.03 0.00	22.20 2.11 0.00	22.04 2.11 0.00	23.06 2.19 0.00	26.47 2.47 0.00	30.76 2.69 0.00	29.10 2.55 0.00	27.33 2.44 0.00	25.31 2.30 0.00	23.12 2.08 0.00	21.13 1.82 0.00	19.80 1.37 -3.49
POLETTI____ 23519	21.52 1.03 -9.90	18.15 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.55 1.01 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.59 2.57 0.00	24.10 2.62 0.00	23.29 2.49 -1.18	21.80 2.47 0.00	22.68 2.59 0.00	22.52 2.59 -0.01	23.52 2.65 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.65 2.76 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.56 2.24 0.00	19.75 1.57 -3.26
PORT_JEFF_3 23555	21.80 1.30 -9.90	18.44 1.14 -8.49	17.79 1.20 -7.98	17.24 1.22 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.87 2.94 -7.69	38.82 3.80 -12.12	28.74 3.59 -3.16	26.31 3.55 -0.74	25.15 3.46 -0.21	24.10 3.06 -1.43	22.75 3.11 -0.31	23.84 3.48 -0.27	25.15 3.51 -1.72	31.29 3.65 -6.77	34.71 3.96 -6.76	39.81 4.21 -7.54	38.49 4.01 -7.93	36.48 3.91 -7.68	33.70 3.86 -6.82	32.38 3.51 -7.83	24.57 3.23 -2.03	20.68 2.28 -3.46
PORT_JEFF_4 23616	21.80 1.30 -9.90	18.44 1.14 -8.49	17.79 1.20 -7.98	17.24 1.22 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.87 2.94 -7.69	38.82 3.80 -12.12	28.74 3.59 -3.16	26.31 3.55 -0.74	25.15 3.46 -0.21	24.10 3.06 -1.43	22.75 3.11 -0.31	23.84 3.48 -0.27	25.15 3.51 -1.72	31.29 3.65 -6.77	34.71 3.96 -6.76	39.81 4.21 -7.54	38.49 4.01 -7.93	36.48 3.91 -7.68	33.70 3.86 -6.82	32.38 3.51 -7.83	24.57 3.23 -2.03	20.68 2.28 -3.46
PORT_JEFF_IC 23713	21.83 1.34 -9.90	18.47 1.17 -8.49	17.82 1.23 -7.98	17.27 1.24 -7.33	18.58 1.20 -8.97	20.13 1.57 -8.18	28.92 2.99 -7.68	38.89 3.89 -12.10	28.84 3.67 -3.17	26.42 3.66 -0.75	25.27 3.57 -0.22	24.19 3.14 -1.44	22.86 3.21 -0.32	23.91 3.54 -0.28	25.22 3.57 -1.72	31.35 3.71 -6.77	34.83 4.08 -6.76	40.01 4.41 -7.54	38.65 4.17 -7.93	36.63 4.06 -7.68	33.82 3.98 -6.82	32.49 3.62 -7.83	24.65 3.30 -2.03	20.72 2.33 -3.46
PPL PILGRIM_ST_GT1 24216	21.80 1.30 -9.90	18.43 1.14 -8.49	17.78 1.20 -7.98	17.23 1.21 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.84 2.94 -7.65	38.72 3.80 -12.02	28.97 3.76 -3.21	26.53 3.74 -0.77	25.37 3.63 -0.25	24.37 3.28 -1.48	23.00 3.30 -0.37	23.95 3.54 -0.33	25.23 3.55 -1.75	31.28 3.63 -6.78	34.76 4.01 -6.76	39.98 4.38 -7.54	38.57 4.09 -7.93	36.50 3.93 -7.68	33.66 3.82 -6.83	32.34 3.47 -7.83	24.58 3.21 -2.06	20.66 2.27 -3.46
PPL PILGRIM_ST_GT2 24217	21.80 1.30 -9.90	18.43 1.14 -8.49	17.78 1.20 -7.98	17.23 1.21 -7.33	18.55 1.18 -8.97	20.09 1.54 -8.18	28.84 2.94 -7.65	38.72 3.80 -12.02	28.97 3.76 -3.21	26.53 3.74 -0.77	25.37 3.63 -0.25	24.37 3.28 -1.48	23.00 3.30 -0.37	23.95 3.54 -0.33	25.23 3.55 -1.75	31.28 3.63 -6.78	34.76 4.01 -6.76	39.98 4.38 -7.54	38.57 4.09 -7.93	36.50 3.93 -7.68	33.66 3.82 -6.83	32.34 3.47 -7.83	24.58 3.21 -2.06	20.66 2.27 -3.46



PPL_SHRM_GT3 24213	21.87 1.38 -9.90	18.53 1.23 -8.49	17.88 1.29 -7.98	17.33 1.30 -7.33	18.64 1.26 -8.97	20.21 1.65 -8.18	29.09 3.16 -7.68	39.11 4.10 -12.11	29.08 3.92 -3.16	26.64 3.88 -0.74	25.48 3.78 -0.21	24.27 3.22 -1.44	22.97 3.33 -0.31	23.98 3.61 -0.28	25.29 3.65 -1.72	31.50 3.86 -6.77	35.07 4.32 -6.76	40.23 4.63 -7.54	38.97 4.49 -7.93	36.88 4.31 -7.68	34.02 4.19 -6.82	32.66 3.79 -7.83	24.78 3.44 -2.03	20.83 2.43 -3.46
PPL_SHRM_GT4 24214	21.87 1.38 -9.90	18.53 1.23 -8.49	17.88 1.29 -7.98	17.33 1.30 -7.33	18.64 1.26 -8.97	20.21 1.65 -8.18	29.09 3.16 -7.68	39.11 4.10 -12.11	29.08 3.92 -3.16	26.64 3.88 -0.74	25.48 3.78 -0.21	24.27 3.22 -1.44	22.97 3.33 -0.31	23.98 3.61 -0.28	25.29 3.65 -1.72	31.50 3.86 -6.77	35.07 4.32 -6.76	40.23 4.63 -7.54	38.97 4.49 -7.93	36.88 4.31 -7.68	34.02 4.19 -6.82	32.66 3.79 -7.83	24.78 3.44 -2.03	20.83 2.43 -3.46
PROJECT___ORANGE 1 24174	11.53 0.04 -0.89	9.60 0.03 -0.77	9.36 0.03 -0.73	9.39 0.03 -0.67	9.26 0.03 -0.82	11.20 0.08 -0.74	18.75 0.20 -0.30	23.17 0.28 0.00	22.20 0.20 0.00	22.24 0.22 0.00	21.70 0.21 0.00	19.94 0.22 -0.11	19.54 0.21 0.00	20.29 0.20 0.00	20.08 0.16 0.00	21.00 0.13 0.00	24.23 0.24 0.00	28.37 0.31 0.00	26.82 0.27 0.00	25.11 0.22 0.00	23.19 0.18 0.00	21.15 0.11 0.00	19.47 0.15 0.00	15.29 0.06 -0.30
PROJECT___ORANGE 2 24166	11.53 0.04 -0.89	9.60 0.03 -0.77	9.36 0.03 -0.73	9.39 0.03 -0.67	9.26 0.03 -0.82	11.20 0.08 -0.74	18.75 0.20 -0.30	23.17 0.28 0.00	22.20 0.20 0.00	22.24 0.22 0.00	21.70 0.21 0.00	19.94 0.22 -0.11	19.54 0.21 0.00	20.29 0.20 0.00	20.08 0.16 0.00	21.00 0.13 0.00	24.23 0.24 0.00	28.37 0.31 0.00	26.82 0.27 0.00	25.11 0.22 0.00	23.19 0.18 0.00	21.15 0.11 0.00	19.47 0.15 0.00	15.29 0.06 -0.30
PYRITES___HYD 24023	10.14 -0.46 0.00	8.40 -0.40 0.00	8.18 -0.43 0.00	8.27 -0.43 0.00	7.97 -0.44 0.00	9.81 -0.56 0.00	16.97 -1.28 0.00	21.38 -1.51 0.00	20.44 -1.56 0.00	20.28 -1.74 0.00	19.57 -1.91 0.00	17.77 -1.84 0.00	17.51 -1.82 0.00	18.26 -1.83 0.00	18.19 -1.73 0.00	19.14 -1.73 0.00	22.07 -1.92 0.00	26.13 -1.94 0.00	24.77 -1.78 0.00	23.22 -1.67 0.00	21.31 -1.70 0.00	19.65 -1.39 0.00	17.93 -1.39 0.00	14.24 -0.69 0.00
RAMAPO___LBMP 323565	20.59 0.76 -9.23	17.64 0.68 -8.16	16.95 0.67 -7.67	16.41 0.67 -7.05	17.67 0.65 -8.62	19.03 0.80 -7.85	22.97 1.55 -3.18	24.96 2.06 0.00	24.09 2.09 0.00	24.07 2.05 0.00	23.57 2.08 0.00	22.71 1.96 -1.14	21.28 1.95 0.00	22.14 2.05 0.00	21.96 2.03 0.00	22.98 2.11 0.00	26.30 2.30 0.00	30.50 2.44 0.00	28.86 2.31 0.00	27.15 2.26 0.00	25.20 2.19 0.00	23.00 1.96 0.00	21.06 1.74 0.00	19.30 1.24 -3.13
RANKINE____ 23646	12.70 0.49 -1.61	10.51 0.32 -1.39	10.27 0.36 -1.31	10.28 0.38 -1.20	10.29 0.41 -1.47	12.35 0.62 -1.35	19.77 0.97 -0.56	24.41 1.47 -0.05	23.24 1.19 -0.05	29.06 1.28 -5.77	27.82 1.46 -4.88	26.82 1.35 -5.86	25.18 1.37 -4.48	25.01 1.30 -3.62	23.17 1.37 -1.87	24.77 1.25 -2.65	28.61 1.73 -2.89	37.37 2.13 -7.17	32.09 1.81 -3.73	26.56 1.67 -0.01	24.60 1.59 0.00	22.07 1.03 0.00	20.05 0.73 0.00	15.84 0.37 -0.53
RAVENSWOOD_GT2_1 24244	21.51 1.02 -9.90	18.14 0.85 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.57 2.55 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD_GT2_2 24245	21.51 1.02 -9.90	18.14 0.85 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.57 2.55 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD_GT2_3 24246	21.52 1.03 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.59 2.57 0.00	24.10 2.62 0.00	23.29 2.49 -1.18	21.80 2.47 0.00	22.68 2.59 0.00	22.52 2.59 -0.01	23.52 2.65 0.00	26.85 2.85 0.00	31.09 3.03 0.00	29.42 2.87 0.00	27.70 2.81 0.00	25.75 2.74 0.00	23.52 2.48 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD_GT2_4 24247	21.52 1.03 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.44 2.54 0.00	24.60 2.59 0.00	24.59 2.57 0.00	24.10 2.62 0.00	23.29 2.49 -1.18	21.80 2.47 0.00	22.68 2.59 0.00	22.52 2.59 -0.01	23.52 2.65 0.00	26.85 2.85 0.00	31.09 3.03 0.00	29.42 2.87 0.00	27.70 2.81 0.00	25.75 2.74 0.00	23.52 2.48 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD_GT3_1 24248	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.59 2.57 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.85 2.85 0.00	31.07 3.00 0.00	29.42 2.87 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD_GT3_2 24249	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.59 2.57 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.85 2.85 0.00	31.07 3.00 0.00	29.42 2.87 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD_GT3_3 24250	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.59 2.57 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.85 2.85 0.00	31.07 3.00 0.00	29.42 2.87 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD_GT3_4 24251	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.59 2.57 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.85 2.85 0.00	31.07 3.00 0.00	29.42 2.87 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26



RAVENSWOOD_GT_1 23729	21.57 1.07 -9.90	18.18 0.88 -8.49	17.44 0.85 -7.98	16.88 0.85 -7.33	18.21 0.83 -8.97	19.55 1.01 -8.17	23.51 1.95 -3.31	25.48 2.59 0.00	24.64 2.64 0.00	24.68 2.66 0.00	24.19 2.71 0.00	23.37 2.57 -1.18	21.90 2.57 0.00	22.76 2.67 0.00	22.60 2.67 -0.01	23.62 2.75 0.00	26.94 2.95 0.00	31.12 3.06 0.00	29.47 2.92 0.00	27.77 2.89 0.00	25.84 2.83 0.00	23.63 2.59 0.00	21.60 2.28 -0.01	19.80 1.61 -3.26
RAVENSWOOD_GT_10 24258	21.51 1.02 -9.90	18.14 0.85 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.57 2.55 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD_GT_11 24259	21.51 1.02 -9.90	18.14 0.85 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.57 2.55 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD_GT_4 24252	21.50 1.01 -9.90	18.13 0.84 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.57 2.55 0.00	24.08 2.60 0.00	23.25 2.45 -1.18	21.76 2.44 0.00	22.64 2.55 0.00	22.49 2.55 -0.01	23.48 2.61 0.00	26.82 2.83 0.00	31.09 3.03 0.00	29.39 2.84 0.00	27.65 2.76 0.00	25.70 2.69 0.00	23.48 2.44 0.00	21.49 2.18 0.01	19.72 1.54 -3.26
RAVENSWOOD_GT_5 24254	21.50 1.01 -9.90	18.13 0.84 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.57 2.55 0.00	24.08 2.60 0.00	23.25 2.45 -1.18	21.76 2.44 0.00	22.64 2.55 0.00	22.49 2.55 -0.01	23.48 2.61 0.00	26.82 2.83 0.00	31.09 3.03 0.00	29.39 2.84 0.00	27.65 2.76 0.00	25.70 2.69 0.00	23.48 2.44 0.00	21.49 2.18 0.01	19.72 1.54 -3.26
RAVENSWOOD_GT_6 24253	21.50 1.01 -9.90	18.13 0.84 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.57 2.55 0.00	24.08 2.60 0.00	23.25 2.45 -1.18	21.76 2.44 0.00	22.64 2.55 0.00	22.49 2.55 -0.01	23.48 2.61 0.00	26.82 2.83 0.00	31.09 3.03 0.00	29.39 2.84 0.00	27.65 2.76 0.00	25.70 2.69 0.00	23.48 2.44 0.00	21.49 2.18 0.01	19.72 1.54 -3.26
RAVENSWOOD_GT_7 24255	21.50 1.01 -9.90	18.13 0.84 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.57 2.55 0.00	24.08 2.60 0.00	23.25 2.45 -1.18	21.76 2.44 0.00	22.64 2.55 0.00	22.49 2.55 -0.01	23.48 2.61 0.00	26.82 2.83 0.00	31.09 3.03 0.00	29.39 2.84 0.00	27.65 2.76 0.00	25.70 2.69 0.00	23.48 2.44 0.00	21.49 2.18 0.01	19.72 1.54 -3.26
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.51 1.02 -9.90	18.14 0.85 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.57 2.55 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD_GT_9 24257	21.51 1.02 -9.90	18.14 0.85 -8.49	17.40 0.82 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.57 2.55 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.82 2.83 0.00	31.07 3.00 0.00	29.39 2.84 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD___1 23533	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.49 1.93 -3.31	25.46 2.56 0.00	24.62 2.62 0.00	24.66 2.64 0.00	24.17 2.69 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.60 2.67 -0.01	23.60 2.73 0.00	26.92 2.93 0.00	31.09 3.03 0.00	29.47 2.92 0.00	27.77 2.89 0.00	25.82 2.81 0.00	23.61 2.57 0.00	21.60 2.28 -0.01	19.79 1.60 -3.26
RAVENSWOOD___2 23534	21.54 1.04 -9.90	18.15 0.85 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.52 0.97 -8.17	23.43 1.88 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.61 2.60 0.00	24.13 2.64 0.00	23.31 2.51 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.54 2.61 -0.01	23.56 2.69 0.00	26.87 2.88 0.00	30.89 2.83 0.00	29.31 2.76 0.00	27.70 2.81 0.00	25.77 2.76 0.00	23.56 2.52 0.00	21.55 2.22 -0.01	19.75 1.57 -3.26
RAVENSWOOD___3 23535	21.51 1.02 -9.90	18.14 0.85 -8.49	17.41 0.83 -7.98	16.84 0.82 -7.33	18.17 0.80 -8.97	19.53 0.99 -8.17	23.45 1.90 -3.31	25.42 2.52 0.00	24.57 2.57 0.00	24.59 2.57 0.00	24.08 2.60 0.00	23.27 2.47 -1.18	21.78 2.45 0.00	22.66 2.57 0.00	22.51 2.57 -0.01	23.50 2.63 0.00	26.85 2.85 0.00	31.07 3.00 0.00	29.42 2.87 0.00	27.68 2.79 0.00	25.73 2.71 0.00	23.50 2.46 0.00	21.52 2.20 0.00	19.74 1.55 -3.26
RAVENSWOOD___4 23820	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.62 2.62 0.00	24.66 2.64 0.00	24.15 2.66 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.58 2.65 -0.01	23.58 2.71 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.61 2.57 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26
RCPI_TRUST___DRP 24196	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.49 1.93 -3.31	25.48 2.59 0.00	24.64 2.64 0.00	24.64 2.62 0.00	24.15 2.66 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.54 2.61 0.00	23.54 2.67 0.00	26.90 2.90 0.00	31.15 3.09 0.00	29.47 2.92 0.00	27.73 2.84 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.54 2.22 0.00	19.75 1.57 -3.25
RENSSELAER___COGEN 23796	24.22 0.57 -13.06	20.57 0.48 -11.30	19.68 0.46 -10.61	18.91 0.47 -9.75	20.80 0.46 -11.93	21.81 0.57 -10.86	23.54 0.89 -4.40	23.95 1.05 0.00	23.32 1.32 0.00	23.34 1.32 0.00	22.82 1.33 0.00	22.43 1.24 -1.58	20.53 1.20 0.00	21.31 1.23 0.00	21.14 1.22 0.00	22.16 1.29 0.00	25.17 1.18 0.00	29.33 1.26 0.00	27.77 1.22 0.00	26.01 1.12 0.00	24.07 1.06 0.00	22.22 1.18 0.00	20.30 0.98 0.00	19.93 0.67 -4.33



REVERE_CPPR_DRP 24186	11.24 0.34 -0.30	9.32 0.26 -0.26	9.09 0.24 -0.24	9.16 0.24 -0.22	8.93 0.24 -0.27	10.96 0.33 -0.25	19.13 0.78 -0.10	24.02 1.12 0.00	23.06 1.06 0.00	23.07 1.06 0.00	22.45 0.97 0.00	20.49 0.84 -0.04	20.18 0.85 0.00	20.93 0.84 0.00	20.76 0.84 0.00	21.73 0.86 0.00	25.12 1.13 0.00	29.49 1.43 0.00	27.90 1.35 0.00	26.13 1.24 0.00	24.09 1.08 0.00	21.90 0.86 0.00	20.01 0.69 0.00	15.51 0.48 -0.10
RIVERBAY____ 323610	21.56 1.06 -9.90	18.16 0.86 -8.49	17.41 0.83 -7.98	16.85 0.83 -7.33	18.18 0.81 -8.97	19.49 0.94 -8.17	23.38 1.82 -3.31	25.30 2.40 0.00	24.42 2.42 0.00	24.57 2.55 0.00	24.03 2.56 0.01	23.22 2.43 -1.18	21.75 2.44 0.01	22.61 2.53 0.01	22.52 2.59 -0.01	23.52 2.65 0.00	26.77 2.78 0.01	30.92 2.86 0.01	29.28 2.74 0.01	27.63 2.74 0.00	25.77 2.76 0.00	23.61 2.57 0.00	21.51 2.18 -0.01	19.74 1.55 -3.26
ROCHESTER_9_IC 23652	11.91 0.13 -1.18	9.88 0.05 -1.03	9.64 0.07 -0.97	9.67 0.09 -0.89	9.60 0.11 -1.09	11.57 0.21 -0.99	18.98 0.33 -0.40	23.51 0.62 0.00	22.40 0.40 0.00	22.50 0.48 0.00	22.06 0.58 0.00	20.27 0.51 -0.14	19.87 0.54 0.00	20.59 0.50 0.00	20.42 0.50 0.00	21.33 0.46 0.00	24.74 0.74 0.00	29.13 1.07 0.00	27.45 0.90 0.00	25.66 0.77 0.00	23.73 0.71 0.00	21.46 0.42 0.00	19.59 0.27 0.00	15.36 0.03 -0.39
ROSETON____1 23587	21.13 0.83 -9.70	17.90 0.70 -8.41	17.19 0.69 -7.90	16.64 0.69 -7.26	17.95 0.66 -8.88	19.28 0.82 -8.08	23.11 1.59 -3.27	24.98 2.08 0.00	24.11 2.11 0.00	24.11 2.09 0.00	23.61 2.13 0.00	22.79 2.00 -1.17	21.32 1.99 0.00	22.16 2.07 0.00	22.00 2.07 0.00	23.00 2.13 0.00	26.32 2.33 0.00	30.56 2.50 0.00	28.91 2.36 0.00	27.18 2.29 0.00	25.22 2.21 0.00	23.04 2.00 0.00	21.07 1.76 0.00	19.41 1.25 -3.22
ROSETON____2 23588	21.13 0.83 -9.70	17.90 0.70 -8.41	17.19 0.69 -7.90	16.64 0.69 -7.26	17.95 0.66 -8.88	19.28 0.82 -8.08	23.11 1.59 -3.27	24.98 2.08 0.00	24.11 2.11 0.00	24.11 2.09 0.00	23.61 2.13 0.00	22.79 2.00 -1.17	21.32 1.99 0.00	22.16 2.07 0.00	22.00 2.07 0.00	23.00 2.13 0.00	26.32 2.33 0.00	30.56 2.50 0.00	28.91 2.36 0.00	27.18 2.29 0.00	25.22 2.21 0.00	23.04 2.00 0.00	21.07 1.76 0.00	19.41 1.25 -3.22
RUSSELL____1 23602	11.95 0.17 -1.19	9.92 0.09 -1.03	9.68 0.10 -0.97	9.70 0.11 -0.89	9.64 0.14 -1.09	11.62 0.26 -0.99	19.07 0.42 -0.40	23.65 0.75 0.00	22.51 0.51 0.00	22.63 0.62 0.00	22.17 0.69 0.00	20.37 0.61 -0.14	19.96 0.64 0.00	20.69 0.60 0.00	20.52 0.60 0.00	21.43 0.56 0.00	24.88 0.89 0.00	29.33 1.26 0.00	27.61 1.06 0.00	25.81 0.92 0.00	23.89 0.87 0.00	21.57 0.53 0.00	19.68 0.37 0.00	15.43 0.11 -0.39
RUSSELL____2 23532	11.95 0.17 -1.19	9.92 0.09 -1.03	9.68 0.10 -0.97	9.70 0.11 -0.89	9.64 0.14 -1.09	11.62 0.26 -0.99	19.07 0.42 -0.40	23.65 0.75 0.00	22.51 0.51 0.00	22.63 0.62 0.00	22.17 0.69 0.00	20.37 0.61 -0.14	19.96 0.64 0.00	20.69 0.60 0.00	20.52 0.60 0.00	21.43 0.56 0.00	24.88 0.89 0.00	29.33 1.26 0.00	27.61 1.06 0.00	25.81 0.92 0.00	23.89 0.87 0.00	21.57 0.53 0.00	19.68 0.37 0.00	15.43 0.11 -0.39
RUSSELL____3 23549	11.95 0.17 -1.19	9.92 0.09 -1.03	9.68 0.10 -0.97	9.70 0.11 -0.89	9.64 0.14 -1.09	11.62 0.26 -0.99	19.07 0.42 -0.40	23.65 0.75 0.00	22.51 0.51 0.00	22.63 0.62 0.00	22.17 0.69 0.00	20.37 0.61 -0.14	19.96 0.64 0.00	20.69 0.60 0.00	20.52 0.60 0.00	21.43 0.56 0.00	24.88 0.89 0.00	29.33 1.26 0.00	27.61 1.06 0.00	25.81 0.92 0.00	23.89 0.87 0.00	21.57 0.53 0.00	19.68 0.37 0.00	15.43 0.11 -0.39
RUSSELL____4 23556	11.95 0.17 -1.19	9.92 0.09 -1.03	9.68 0.10 -0.97	9.70 0.11 -0.89	9.64 0.14 -1.09	11.62 0.26 -0.99	19.07 0.42 -0.40	23.65 0.75 0.00	22.51 0.51 0.00	22.63 0.62 0.00	22.17 0.69 0.00	20.37 0.61 -0.14	19.96 0.64 0.00	20.69 0.60 0.00	20.52 0.60 0.00	21.43 0.56 0.00	24.88 0.89 0.00	29.33 1.26 0.00	27.61 1.06 0.00	25.81 0.92 0.00	23.89 0.87 0.00	21.57 0.53 0.00	19.68 0.37 0.00	15.43 0.11 -0.39
RUSSELL____STATION 23914	11.95 0.17 -1.19	9.92 0.09 -1.03	9.68 0.10 -0.97	9.70 0.11 -0.89	9.64 0.14 -1.09	11.62 0.26 -0.99	19.07 0.42 -0.40	23.65 0.75 0.00	22.51 0.51 0.00	22.63 0.62 0.00	22.17 0.69 0.00	20.37 0.61 -0.14	19.96 0.64 0.00	20.69 0.60 0.00	20.52 0.60 0.00	21.43 0.56 0.00	24.88 0.89 0.00	29.33 1.26 0.00	27.61 1.06 0.00	25.81 0.92 0.00	23.89 0.87 0.00	21.57 0.53 0.00	19.68 0.37 0.00	15.43 0.11 -0.39
S SALMON____HYD 24043	11.19 -0.07 -0.67	9.31 -0.08 -0.58	9.07 -0.09 -0.55	9.12 -0.08 -0.50	8.95 -0.08 -0.62	10.85 -0.08 -0.56	18.38 -0.09 -0.23	22.83 -0.07 0.00	21.87 -0.13 0.00	21.89 -0.13 0.00	21.36 -0.13 0.00	19.56 -0.14 -0.08	19.25 -0.08 0.00	19.99 -0.10 0.00	19.81 -0.12 0.00	20.70 -0.17 0.00	23.87 -0.12 0.00	27.95 -0.11 0.00	26.45 -0.11 0.00	24.77 -0.12 0.00	22.87 -0.14 0.00	20.87 -0.17 0.00	19.24 -0.08 0.00	15.06 -0.09 -0.22
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	12.43 0.29 -1.54	10.29 0.16 -1.33	10.06 0.21 -1.25	10.07 0.23 -1.15	10.06 0.25 -1.41	12.08 0.42 -1.29	19.33 0.55 -0.53	23.88 0.94 -0.04	22.72 0.68 -0.04	29.03 0.77 -6.24	27.73 0.97 -5.28	26.81 0.88 -6.31	25.08 0.91 -4.84	24.84 0.84 -3.91	22.84 0.90 -2.02	24.48 0.75 -2.85	29.21 1.15 -4.07	39.63 1.46 -10.11	33.00 1.20 -5.26	25.96 1.07 0.00	24.07 1.06 0.00	21.61 0.57 0.00	19.67 0.35 0.00	15.50 0.06 -0.51
SELKIRK____I 23801	24.00 0.55 -12.85	20.37 0.45 -11.12	19.49 0.44 -10.45	18.74 0.44 -9.60	20.58 0.44 -11.74	21.61 0.54 -10.69	23.49 0.91 -4.33	24.00 1.10 0.00	23.28 1.28 0.00	23.29 1.28 0.00	22.77 1.29 0.00	22.36 1.20 -1.55	20.49 1.16 0.00	21.27 1.18 0.00	21.12 1.20 0.00	22.12 1.25 0.00	25.22 1.22 0.00	29.41 1.35 0.00	27.83 1.27 0.00	26.08 1.19 0.00	24.14 1.13 0.00	22.20 1.16 0.00	20.30 0.98 0.00	19.89 0.69 -4.27
SELKIRK____II 23799	24.01 0.55 -12.87	20.38 0.45 -11.13	19.50 0.44 -10.46	18.75 0.44 -9.61	20.60 0.44 -11.75	21.62 0.54 -10.70	23.49 0.91 -4.33	24.00 1.10 0.00	23.28 1.28 0.00	23.27 1.25 0.00	22.75 1.27 0.00	22.34 1.18 -1.55	20.49 1.16 0.00	21.27 1.18 0.00	21.12 1.20 0.00	22.12 1.25 0.00	25.22 1.22 0.00	29.38 1.32 0.00	27.83 1.27 0.00	26.08 1.19 0.00	24.14 1.13 0.00	22.20 1.16 0.00	20.28 0.97 0.00	19.90 0.69 -4.28
SENECA OSWGO____HYD 24041	11.33 -0.06 -0.80	9.42 -0.07 -0.69	9.19 -0.07 -0.65	9.22 -0.07 -0.60	9.09 -0.05 -0.73	11.01 -0.03 -0.66	18.52 0.00 -0.27	22.87 -0.02 0.00	21.91 -0.09 0.00	21.95 -0.07 0.00	21.42 -0.06 0.00	19.65 -0.06 -0.10	19.27 -0.06 0.00	20.01 -0.08 0.00	19.81 -0.12 0.00	20.70 -0.17 0.00	23.90 -0.10 0.00	28.01 -0.06 0.00	26.47 -0.08 0.00	24.79 -0.10 0.00	22.90 -0.11 0.00	20.89 -0.15 0.00	19.26 -0.06 0.00	15.11 -0.09 -0.26



SENECA___ENERGY 23797	11.92 0.04 -1.29	9.93 0.01 -1.12	9.67 0.02 -1.05	9.67 0.02 -0.96	9.64 0.05 -1.18	11.57 0.12 -1.07	18.99 0.31 -0.43	23.40 0.50 0.00	22.37 0.37 0.00	22.41 0.40 0.00	21.91 0.43 0.00	20.14 0.37 -0.16	19.71 0.39 0.00	20.45 0.36 0.00	20.26 0.34 0.00	21.18 0.31 0.00	24.52 0.53 0.00	28.79 0.73 0.00	27.19 0.64 0.00	25.44 0.55 0.00	23.50 0.48 0.00	21.31 0.27 0.00	19.51 0.19 0.00	15.39 0.03 -0.43
SHOEMAKER___GT 23640	20.12 0.68 -8.85	17.14 0.59 -7.75	16.48 0.59 -7.28	15.97 0.59 -6.69	17.16 0.57 -8.18	18.52 0.70 -7.45	22.63 1.37 -3.02	24.64 1.74 0.00	23.74 1.74 0.00	23.74 1.72 0.00	23.22 1.74 0.00	22.32 1.63 -1.08	20.95 1.62 0.00	21.78 1.69 0.00	21.62 1.69 0.00	22.62 1.75 0.00	25.96 1.97 0.00	30.14 2.08 0.00	28.52 1.96 0.00	26.81 1.92 0.00	24.83 1.82 0.00	22.68 1.64 0.00	20.75 1.43 0.00	18.98 1.08 -2.97
SHOREHAM_IC_1 23715	21.87 1.38 -9.90	18.53 1.23 -8.49	17.88 1.29 -7.98	17.33 1.30 -7.33	18.64 1.26 -8.97	20.21 1.65 -8.18	29.09 3.16 -7.68	39.11 4.10 -12.11	29.08 3.92 -3.16	26.64 3.88 -0.74	25.48 3.78 -0.21	24.27 3.22 -1.44	22.97 3.33 -0.31	23.98 3.61 -0.28	25.29 3.65 -1.72	31.50 3.86 -6.77	35.07 4.32 -6.76	40.23 4.63 -7.54	38.97 4.49 -7.93	36.88 4.31 -7.68	34.02 4.19 -6.82	32.66 3.79 -7.83	24.78 3.44 -2.03	20.83 2.43 -3.46
SHOREHAM_IC_2 23716	21.87 1.38 -9.90	18.53 1.23 -8.49	17.88 1.29 -7.98	17.33 1.30 -7.33	18.64 1.26 -8.97	20.21 1.65 -8.18	29.09 3.16 -7.68	39.11 4.10 -12.11	29.08 3.92 -3.16	26.64 3.88 -0.74	25.48 3.78 -0.21	24.27 3.22 -1.44	22.97 3.33 -0.31	23.98 3.61 -0.28	25.29 3.65 -1.72	31.50 3.86 -6.77	35.07 4.32 -6.76	40.23 4.63 -7.54	38.97 4.49 -7.93	36.88 4.31 -7.68	34.02 4.19 -6.82	32.66 3.79 -7.83	24.78 3.44 -2.03	20.83 2.43 -3.46
SISSONVILLE___ 23735	10.05 -0.55 0.00	8.32 -0.48 0.00	8.11 -0.50 0.00	8.19 -0.50 0.00	7.89 -0.51 0.00	9.72 -0.65 0.00	16.75 -1.50 0.00	21.09 -1.81 0.00	20.13 -1.87 0.00	19.90 -2.11 0.00	19.21 -2.28 0.00	17.46 -2.16 0.00	17.18 -2.15 0.00	17.94 -2.15 0.00	17.85 -2.07 0.00	18.80 -2.07 0.00	21.67 -2.33 0.00	25.62 -2.44 0.00	24.32 -2.23 0.00	22.77 -2.12 0.00	20.92 -2.09 0.00	19.40 -1.64 0.00	17.73 -1.58 0.00	14.11 -0.82 0.00
SITHE_IND_GS1 24169	11.06 -0.18 -0.64	9.20 -0.16 -0.56	8.98 -0.15 -0.53	9.02 -0.16 -0.48	8.85 -0.14 -0.59	10.76 -0.16 -0.54	18.19 -0.27 -0.22	22.48 -0.41 0.00	21.54 -0.46 0.00	21.55 -0.46 0.00	21.05 -0.43 0.00	19.30 -0.39 -0.08	18.96 -0.37 0.00	19.69 -0.40 0.00	19.47 -0.46 0.00	20.35 -0.52 0.00	23.47 -0.53 0.00	27.47 -0.59 0.00	25.97 -0.58 0.00	24.32 -0.57 0.00	22.48 -0.53 0.00	20.56 -0.48 0.00	18.99 -0.33 0.00	14.88 -0.27 -0.21
SITHE_IND_GS2 24170	11.06 -0.18 -0.64	9.20 -0.16 -0.56	8.98 -0.15 -0.53	9.02 -0.16 -0.48	8.85 -0.14 -0.59	10.76 -0.16 -0.54	18.19 -0.27 -0.22	22.48 -0.41 0.00	21.54 -0.46 0.00	21.55 -0.46 0.00	21.05 -0.43 0.00	19.30 -0.39 -0.08	18.96 -0.37 0.00	19.69 -0.40 0.00	19.47 -0.46 0.00	20.35 -0.52 0.00	23.47 -0.53 0.00	27.47 -0.59 0.00	25.97 -0.58 0.00	24.32 -0.57 0.00	22.48 -0.53 0.00	20.56 -0.48 0.00	18.99 -0.33 0.00	14.88 -0.27 -0.21
SITHE_IND_GS3 24171	11.06 -0.18 -0.64	9.20 -0.16 -0.56	8.98 -0.15 -0.53	9.02 -0.16 -0.48	8.85 -0.14 -0.59	10.76 -0.16 -0.54	18.19 -0.27 -0.22	22.48 -0.41 0.00	21.54 -0.46 0.00	21.55 -0.46 0.00	21.05 -0.43 0.00	19.30 -0.39 -0.08	18.96 -0.37 0.00	19.69 -0.40 0.00	19.47 -0.46 0.00	20.35 -0.52 0.00	23.47 -0.53 0.00	27.47 -0.59 0.00	25.97 -0.58 0.00	24.32 -0.57 0.00	22.48 -0.53 0.00	20.56 -0.48 0.00	18.99 -0.33 0.00	14.88 -0.27 -0.21
SITHE_IND_GS4 24172	11.06 -0.18 -0.64	9.20 -0.16 -0.56	8.98 -0.15 -0.53	9.02 -0.16 -0.48	8.85 -0.14 -0.59	10.76 -0.16 -0.54	18.19 -0.27 -0.22	22.48 -0.41 0.00	21.54 -0.46 0.00	21.55 -0.46 0.00	21.05 -0.43 0.00	19.30 -0.39 -0.08	18.96 -0.37 0.00	19.69 -0.40 0.00	19.47 -0.46 0.00	20.35 -0.52 0.00	23.47 -0.53 0.00	27.47 -0.59 0.00	25.97 -0.58 0.00	24.32 -0.57 0.00	22.48 -0.53 0.00	20.56 -0.48 0.00	18.99 -0.33 0.00	14.88 -0.27 -0.21
SITHE___BATAVIA 24024	12.33 0.36 -1.37	10.21 0.22 -1.19	9.97 0.25 -1.12	9.99 0.27 -1.02	9.96 0.30 -1.25	12.01 0.49 -1.15	19.50 0.78 -0.47	24.19 1.30 0.01	22.96 0.97 0.01	22.56 1.08 0.54	22.25 1.22 0.46	20.35 1.10 0.36	20.05 1.14 0.42	20.83 1.08 0.34	20.86 1.12 0.18	21.64 1.02 0.25	26.52 1.49 -1.04	32.61 1.96 -2.59	29.57 1.67 -1.35	26.41 1.52 0.00	24.44 1.43 0.00	21.96 0.92 0.00	19.95 0.64 0.00	15.64 0.25 -0.45
SITHE___INDEPEND 23800	11.06 -0.18 -0.64	9.20 -0.16 -0.56	8.98 -0.15 -0.53	9.02 -0.16 -0.48	8.85 -0.14 -0.59	10.76 -0.16 -0.54	18.19 -0.27 -0.22	22.48 -0.41 0.00	21.54 -0.46 0.00	21.55 -0.46 0.00	21.05 -0.43 0.00	19.30 -0.39 -0.08	18.96 -0.37 0.00	19.69 -0.40 0.00	19.47 -0.46 0.00	20.35 -0.52 0.00	23.47 -0.53 0.00	27.47 -0.59 0.00	25.97 -0.58 0.00	24.32 -0.57 0.00	22.48 -0.53 0.00	20.56 -0.48 0.00	18.99 -0.33 0.00	14.88 -0.27 -0.21
SITHE___MASSENA 23902	10.15 -0.44 0.00	8.42 -0.38 0.00	8.22 -0.39 0.00	8.31 -0.38 0.00	8.02 -0.39 0.00	9.87 -0.51 0.00	17.04 -1.20 0.00	21.41 -1.49 0.00	20.46 -1.54 0.00	20.48 -1.54 0.00	19.83 -1.65 0.00	18.04 -1.57 0.00	17.78 -1.55 0.00	18.54 -1.55 0.00	18.45 -1.47 0.00	19.39 -1.48 0.00	22.29 -1.70 0.00	26.27 -1.80 0.00	24.88 -1.67 0.00	23.32 -1.57 0.00	21.47 -1.54 0.00	19.71 -1.32 0.00	18.04 -1.28 0.00	14.26 -0.67 0.00
SITHE___OGDNSBRG 24021	10.15 -0.44 0.00	8.41 -0.40 0.00	8.19 -0.41 0.00	8.29 -0.41 0.00	7.99 -0.42 0.00	9.84 -0.54 0.00	17.00 -1.24 0.00	21.41 -1.49 0.00	20.46 -1.54 0.00	20.37 -1.65 0.00	19.68 -1.80 0.00	17.87 -1.75 0.00	17.61 -1.72 0.00	18.36 -1.73 0.00	18.29 -1.63 0.00	19.24 -1.63 0.00	22.17 -1.82 0.00	26.21 -1.85 0.00	24.85 -1.70 0.00	23.30 -1.59 0.00	21.38 -1.63 0.00	19.67 -1.37 0.00	17.96 -1.35 0.00	14.24 -0.69 0.00
SITHE___STERLING 23777	11.32 0.32 -0.41	9.40 0.25 -0.36	9.17 0.23 -0.33	9.24 0.24 -0.31	9.02 0.24 -0.38	11.05 0.33 -0.34	19.13 0.75 -0.14	23.95 1.05 0.00	22.99 0.99 0.00	23.01 0.99 0.00	22.41 0.92 0.00	20.49 0.82 -0.05	20.16 0.83 0.00	20.91 0.82 0.00	20.74 0.82 0.00	21.68 0.81 0.00	25.05 1.05 0.00	29.38 1.32 0.00	27.80 1.25 0.00	26.03 1.15 0.00	24.02 1.01 0.00	21.84 0.80 0.00	19.99 0.68 0.00	15.51 0.45 -0.13
SOUTH CAIRO___GT 23612	22.61 0.91 -11.10	19.17 0.77 -9.60	18.36 0.73 -9.02	17.72 0.74 -8.29	19.29 0.74 -10.14	20.50 0.89 -9.24	23.66 1.68 -3.74	24.68 1.79 0.00	23.74 1.74 0.00	23.74 1.72 0.00	23.16 1.68 0.00	22.44 1.49 -1.34	20.82 1.49 0.00	21.55 1.47 0.00	21.44 1.51 0.00	22.52 1.65 0.00	25.89 1.90 0.00	30.28 2.22 0.00	28.68 2.12 0.00	26.81 1.92 0.00	24.69 1.68 0.00	22.62 1.58 0.00	20.61 1.29 0.00	19.83 1.21 -3.69



SOUTH HAMPTN___IC 23720	22.11 1.62 -9.90	18.72 1.43 -8.49	18.07 1.48 -7.98	17.53 1.50 -7.33	18.83 1.45 -8.97	20.45 1.89 -8.18	29.55 3.61 -7.69	39.73 4.72 -12.12	29.65 4.49 -3.16	27.21 4.45 -0.74	26.01 4.32 -0.21	24.77 3.73 -1.43	23.43 3.79 -0.31	24.46 4.10 -0.27	25.77 4.12 -1.72	32.02 4.38 -6.77	35.75 4.99 -6.76	41.13 5.53 -7.54	39.76 5.28 -7.93	37.65 5.08 -7.68	34.69 4.85 -6.82	33.23 4.36 -7.83	25.26 3.92 -2.03	21.16 2.76 -3.46
SOUTHOLD___IC 23719	22.36 1.87 -9.90	18.92 1.62 -8.49	18.26 1.67 -7.98	17.73 1.70 -7.33	19.02 1.64 -8.97	20.70 2.14 -8.18	30.00 4.07 -7.69	40.37 5.36 -12.12	30.20 5.04 -3.16	27.73 4.97 -0.74	26.51 4.81 -0.21	25.20 4.16 -1.43	23.85 4.21 -0.31	24.90 4.54 -0.27	26.21 4.56 -1.72	32.50 4.86 -6.77	36.39 5.64 -6.76	41.94 6.34 -7.54	40.56 6.08 -7.93	38.40 5.82 -7.68	35.34 5.50 -6.82	33.77 4.90 -7.83	25.73 4.38 -2.03	21.49 3.09 -3.46
ST LAWRENCE____ 23600	10.11 -0.49 0.00	8.40 -0.40 0.00	8.20 -0.40 0.00	8.29 -0.41 0.00	7.99 -0.41 0.00	9.84 -0.54 0.00	17.15 -1.09 0.00	21.50 -1.40 0.00	20.59 -1.41 0.00	20.61 -1.41 0.00	20.00 -1.48 0.00	18.22 -1.39 0.00	17.96 -1.37 0.00	18.70 -1.39 0.00	18.59 -1.33 0.00	19.51 -1.36 0.00	22.46 -1.54 0.00	26.38 -1.68 0.00	25.01 -1.54 0.00	23.44 -1.44 0.00	21.61 -1.40 0.00	19.82 -1.22 0.00	18.18 -1.14 0.00	14.21 -0.72 0.00
STATION 5_MISC_HYD 23604	11.91 0.13 -1.18	9.88 0.05 -1.03	9.64 0.07 -0.97	9.67 0.09 -0.89	9.60 0.11 -1.09	11.57 0.21 -0.99	18.98 0.33 -0.40	23.51 0.62 0.00	22.40 0.40 0.00	22.50 0.48 0.00	22.06 0.58 0.00	20.27 0.51 -0.14	19.87 0.54 0.00	20.59 0.50 0.00	20.42 0.50 0.00	21.33 0.46 0.00	24.74 0.74 0.00	29.13 1.07 0.00	27.45 0.90 0.00	25.66 0.77 0.00	23.73 0.71 0.00	21.46 0.42 0.00	19.59 0.27 0.00	15.36 0.03 -0.39
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	11.96 0.17 -1.19	9.93 0.10 -1.03	9.68 0.10 -0.97	9.71 0.12 -0.89	9.64 0.14 -1.09	11.63 0.26 -0.99	19.14 0.49 -0.40	23.70 0.80 0.00	22.60 0.59 0.00	22.68 0.66 0.00	22.19 0.71 0.00	20.39 0.63 -0.14	19.96 0.64 0.00	20.71 0.62 0.00	20.54 0.62 0.00	21.45 0.58 0.00	24.88 0.89 0.00	29.30 1.23 0.00	27.61 1.06 0.00	25.81 0.92 0.00	23.86 0.85 0.00	21.59 0.55 0.00	19.72 0.41 0.00	15.49 0.16 -0.40
STA_56_34_KV_BUS2_REV_LBMP_B 345033	11.81 0.04 -1.17	9.81 -0.01 -1.02	9.57 0.01 -0.96	9.59 0.02 -0.88	9.52 0.04 -1.08	11.48 0.12 -0.98	18.84 0.20 -0.40	23.33 0.43 0.00	22.24 0.24 0.00	22.35 0.33 0.00	21.89 0.41 0.00	20.11 0.35 -0.14	19.69 0.37 0.00	20.43 0.34 0.00	20.26 0.34 0.00	21.16 0.29 0.00	24.52 0.53 0.00	28.88 0.81 0.00	27.21 0.66 0.00	25.44 0.55 0.00	23.54 0.53 0.00	21.27 0.23 0.00	19.45 0.14 0.00	15.26 -0.06 -0.39
STEEL___WIND 323596	12.71 0.50 -1.61	10.53 0.33 -1.39	10.28 0.37 -1.31	10.28 0.39 -1.20	10.29 0.42 -1.47	12.36 0.63 -1.35	19.81 1.00 -0.56	24.45 1.51 -0.05	23.28 1.23 -0.05	29.11 1.32 -5.77	27.87 1.50 -4.88	26.85 1.37 -5.86	25.22 1.41 -4.48	25.06 1.35 -3.62	23.20 1.39 -1.87	24.79 1.27 -2.65	28.66 1.78 -2.89	37.40 2.16 -7.17	32.14 1.86 -3.73	26.61 1.72 -0.01	24.62 1.61 0.00	22.11 1.07 0.00	20.09 0.77 0.00	15.85 0.39 -0.53
STEBEN_REC_LFGE 323667	13.16 0.57 -2.00	10.94 0.41 -1.73	10.65 0.42 -1.63	10.63 0.44 -1.49	10.70 0.47 -1.83	12.78 0.74 -1.67	20.35 1.42 -0.68	25.02 2.11 -0.01	23.86 1.85 -0.01	25.81 1.96 -1.84	25.10 2.06 -1.55	23.56 1.90 -2.05	22.71 1.95 -1.43	23.19 1.95 -1.15	22.52 1.99 -0.60	23.67 1.96 -0.84	27.53 2.66 -0.87	33.43 3.20 -2.17	30.52 2.84 -1.13	27.45 2.56 0.00	25.33 2.32 0.00	22.72 1.68 0.00	20.59 1.27 0.00	16.35 0.76 -0.66
STONY___BROOK 24151	21.81 1.31 -9.90	18.44 1.14 -8.49	17.79 1.20 -7.98	17.25 1.23 -7.33	18.56 1.19 -8.97	20.09 1.54 -8.18	28.86 2.94 -7.67	38.80 3.82 -12.08	28.84 3.67 -3.17	26.42 3.66 -0.75	25.25 3.54 -0.22	24.22 3.16 -1.44	22.86 3.21 -0.32	23.89 3.51 -0.29	25.18 3.53 -1.73	31.31 3.67 -6.77	34.81 4.06 -6.76	40.01 4.41 -7.54	38.65 4.17 -7.93	36.60 4.03 -7.68	33.77 3.93 -6.82	32.43 3.56 -7.83	24.59 3.24 -2.03	20.69 2.30 -3.46
STURGEON_POOL_HYD 23609	21.73 0.73 -10.40	18.43 0.62 -9.01	17.67 0.60 -8.46	17.07 0.60 -7.78	18.51 0.59 -9.51	19.75 0.72 -8.66	23.16 1.41 -3.51	24.64 1.74 0.00	23.72 1.72 0.00	23.71 1.70 0.00	23.20 1.72 0.00	22.46 1.59 -1.26	20.91 1.59 0.00	21.74 1.65 0.00	21.58 1.65 0.00	22.58 1.71 0.00	25.91 1.92 0.00	30.14 2.08 0.00	28.52 1.96 0.00	26.78 1.89 0.00	24.81 1.80 0.00	22.66 1.62 0.00	20.73 1.41 0.00	19.46 1.08 -3.45
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.36 0.73 -9.04	17.36 0.64 -7.91	16.68 0.64 -7.43	16.17 0.64 -6.83	17.38 0.61 -8.36	18.74 0.76 -7.61	22.80 1.48 -3.08	24.82 1.92 0.00	23.94 1.94 0.00	23.93 1.91 0.00	23.44 1.95 0.00	22.54 1.82 -1.10	21.14 1.82 0.00	21.98 1.89 0.00	21.82 1.89 0.00	22.83 1.96 0.00	26.15 2.16 0.00	30.36 2.30 0.00	28.73 2.18 0.00	27.03 2.14 0.00	25.06 2.05 0.00	22.87 1.83 0.00	20.92 1.60 0.00	19.13 1.17 -3.03
SYNERGY___BIOGAS 323694	12.33 0.36 -1.37	10.21 0.22 -1.19	9.97 0.25 -1.12	9.99 0.27 -1.02	9.96 0.30 -1.25	12.01 0.49 -1.15	19.50 0.78 -0.47	24.19 1.30 0.01	22.96 0.97 0.01	22.56 1.08 0.54	22.25 1.22 0.46	20.35 1.10 0.36	20.05 1.14 0.42	20.83 1.08 0.34	20.86 1.12 0.18	21.64 1.02 0.25	26.52 1.49 -1.04	32.61 1.96 -2.59	29.57 1.67 -1.35	26.41 1.52 0.00	24.44 1.43 0.00	21.96 0.92 0.00	19.95 0.64 0.00	15.64 0.25 -0.45
SYRACUSE___ENERGY_ST1 323597	11.76 0.10 -1.07	9.79 0.06 -0.93	9.54 0.06 -0.87	9.56 0.06 -0.80	9.45 0.07 -0.98	11.39 0.12 -0.89	18.90 0.29 -0.36	23.26 0.37 0.00	22.29 0.29 0.00	22.33 0.31 0.00	21.78 0.30 0.00	20.02 0.27 -0.13	19.60 0.27 0.00	20.35 0.26 0.00	20.15 0.22 0.00	21.08 0.21 0.00	24.33 0.34 0.00	28.51 0.45 0.00	26.95 0.40 0.00	25.24 0.35 0.00	23.33 0.32 0.00	21.25 0.21 0.00	19.55 0.23 0.00	15.42 0.13 -0.35
SYRACUSE___ENERGY_ST2 323598	11.76 0.10 -1.07	9.79 0.06 -0.93	9.54 0.06 -0.87	9.56 0.06 -0.80	9.45 0.07 -0.98	11.39 0.12 -0.89	18.90 0.29 -0.36	23.26 0.37 0.00	22.29 0.29 0.00	22.33 0.31 0.00	21.78 0.30 0.00	20.02 0.27 -0.13	19.60 0.27 0.00	20.35 0.26 0.00	20.15 0.22 0.00	21.08 0.21 0.00	24.33 0.34 0.00	28.51 0.45 0.00	26.95 0.40 0.00	25.24 0.35 0.00	23.33 0.32 0.00	21.25 0.21 0.00	19.55 0.23 0.00	15.42 0.13 -0.35
SYRACUSE___POWER 24017	11.78 0.10 -1.08	9.81 0.06 -0.94	9.55 0.06 -0.88	9.57 0.06 -0.81	9.47 0.08 -0.99	11.40 0.12 -0.90	18.90 0.29 -0.37	23.29 0.39 0.00	22.31 0.31 0.00	22.35 0.33 0.00	21.81 0.32 0.00	20.06 0.31 -0.13	19.64 0.31 0.00	20.39 0.30 0.00	20.18 0.26 0.00	21.10 0.23 0.00	24.35 0.36 0.00	28.54 0.48 0.00	26.97 0.42 0.00	25.26 0.37 0.00	23.36 0.35 0.00	21.27 0.23 0.00	19.57 0.25 0.00	15.43 0.13 -0.36



TRIGEN___CC 323695	21.50 1.00 -9.91	18.14 0.85 -8.50	17.49 0.90 -7.98	16.94 0.91 -7.33	18.26 0.88 -8.97	19.70 1.14 -8.18	26.32 2.19 -5.88	33.00 2.86 -7.24	29.61 2.90 -4.71	26.55 2.91 -1.63	26.01 2.90 -1.62	25.42 2.73 -3.08	24.39 2.71 -2.36	25.01 2.83 -2.09	25.58 2.77 -2.89	30.94 2.84 -7.23	33.85 3.10 -6.76	38.94 3.34 -7.54	37.61 3.13 -7.93	35.66 3.04 -7.74	32.99 2.95 -7.03	31.77 2.67 -8.06	24.75 2.45 -2.98	20.09 1.73 -3.43
UNION___PROCESSING_DRP 323587	11.89 0.11 -1.19	9.87 0.04 -1.03	9.63 0.05 -0.97	9.66 0.07 -0.89	9.59 0.09 -1.09	11.56 0.19 -0.99	18.94 0.29 -0.40	23.45 0.55 0.00	22.35 0.35 0.00	22.46 0.44 0.00	22.00 0.51 0.00	20.21 0.45 -0.14	19.81 0.48 0.00	20.53 0.44 0.00	20.36 0.44 0.00	21.27 0.40 0.00	24.66 0.67 0.00	29.04 0.98 0.00	27.35 0.80 0.00	25.58 0.70 0.00	23.68 0.67 0.00	21.40 0.36 0.00	19.53 0.21 0.00	15.33 0.00 -0.40
UPPER HUDSON___HYD 24058	25.38 0.69 -14.10	21.55 0.55 -12.20	20.60 0.53 -11.46	19.78 0.56 -10.53	21.82 0.53 -12.88	22.81 0.71 -11.73	24.58 1.59 -4.75	25.09 2.20 0.00	24.18 2.18 0.00	24.50 2.49 0.00	23.97 2.49 0.00	23.77 2.45 -1.70	21.61 2.28 0.00	22.38 2.29 0.00	22.20 2.27 0.00	23.12 2.25 0.00	26.44 2.45 0.00	30.81 2.75 0.00	29.13 2.57 0.00	27.13 2.24 0.00	25.06 2.05 0.00	22.91 1.87 0.00	20.75 1.43 0.00	20.52 0.96 -4.63
UPPER RAQUET___HYD 24056	10.05 -0.55 0.00	8.32 -0.48 0.00	8.11 -0.50 0.00	8.19 -0.50 0.00	7.89 -0.51 0.00	9.72 -0.65 0.00	16.75 -1.50 0.00	21.09 -1.81 0.00	20.13 -1.87 0.00	19.90 -2.11 0.00	19.21 -2.28 0.00	17.46 -2.16 0.00	17.18 -2.15 0.00	17.94 -2.15 0.00	17.85 -2.07 0.00	18.80 -2.07 0.00	21.67 -2.33 0.00	25.62 -2.44 0.00	24.32 -2.23 0.00	22.77 -2.12 0.00	20.92 -2.09 0.00	19.40 -1.64 0.00	17.73 -1.58 0.00	14.11 -0.82 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.56 0.44 -4.52	13.09 0.36 -3.93	12.65 0.35 -3.69	12.44 0.36 -3.39	12.90 0.34 -4.14	14.60 0.45 -3.77	20.72 0.95 -1.53	24.15 1.26 0.00	23.23 1.23 0.00	23.29 1.21 -0.06	22.74 1.20 -0.05	21.32 1.10 -0.61	20.46 1.08 -0.05	21.23 1.10 -0.04	21.06 1.12 -0.02	22.05 1.15 -0.03	25.41 1.34 -0.08	29.79 1.54 -0.19	28.11 1.46 -0.10	26.28 1.39 0.00	24.30 1.29 0.00	22.15 1.11 0.00	20.26 0.95 0.00	17.09 0.66 -1.50
VISCHER___FERRY HYD 24020	24.96 0.74 -13.63	21.19 0.60 -11.79	20.27 0.59 -11.07	19.47 0.60 -10.18	21.43 0.58 -12.45	22.45 0.74 -11.34	24.26 1.42 -4.59	24.75 1.85 0.00	23.91 1.91 0.00	23.98 1.96 0.00	23.46 1.98 0.00	23.08 1.82 -1.64	21.09 1.76 0.00	21.87 1.79 0.00	21.70 1.77 0.00	22.75 1.88 0.00	25.98 1.99 0.00	30.31 2.25 0.00	28.70 2.15 0.00	26.85 1.97 0.00	24.85 1.84 0.00	22.78 1.75 0.00	20.77 1.45 0.00	20.44 1.02 -4.50
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.13 0.89 -9.65	17.71 0.72 -8.19	17.01 0.71 -7.69	16.47 0.71 -7.07	17.74 0.69 -8.64	19.10 0.85 -7.87	23.09 1.66 -3.19	25.07 2.18 0.00	24.20 2.20 0.00	24.18 2.16 0.00	23.68 2.19 0.00	22.82 2.06 -1.14	21.38 2.05 0.00	22.24 2.15 0.00	22.06 2.13 0.00	23.08 2.21 0.00	26.44 2.45 0.00	30.67 2.61 0.00	29.02 2.47 0.00	27.30 2.41 0.00	25.31 2.30 0.00	23.12 2.08 0.00	21.13 1.82 0.00	19.38 1.31 -3.14
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.52 1.03 -9.90	18.15 0.85 -8.49	17.42 0.83 -7.98	16.86 0.83 -7.33	18.19 0.82 -8.97	19.55 1.01 -8.17	23.49 1.93 -3.31	25.48 2.59 0.00	24.64 2.64 0.00	24.64 2.62 0.00	24.15 2.66 0.00	23.33 2.53 -1.18	21.84 2.51 0.00	22.70 2.61 0.00	22.54 2.61 0.00	23.56 2.69 0.00	26.90 2.90 0.00	31.15 3.09 0.00	29.47 2.92 0.00	27.73 2.84 0.00	25.77 2.76 0.00	23.54 2.50 0.00	21.54 2.22 0.00	19.75 1.57 -3.25
WADING RIVER_IC_1 23522	21.88 1.39 -9.90	18.54 1.24 -8.49	17.89 1.30 -7.98	17.35 1.32 -7.33	18.65 1.28 -8.97	20.22 1.66 -8.18	29.11 3.17 -7.69	39.16 4.15 -12.12	29.14 3.98 -3.16	26.70 3.94 -0.74	25.52 3.82 -0.21	24.30 3.26 -1.43	23.00 3.36 -0.31	24.02 3.66 -0.27	25.31 3.67 -1.72	31.54 3.90 -6.77	35.12 4.37 -6.76	40.29 4.69 -7.54	39.02 4.54 -7.93	36.95 4.38 -7.68	34.07 4.23 -6.82	32.68 3.81 -7.83	24.82 3.48 -2.03	20.84 2.45 -3.46
WADING RIVER_IC_2 23547	21.88 1.39 -9.90	18.54 1.24 -8.49	17.89 1.30 -7.98	17.35 1.32 -7.33	18.65 1.28 -8.97	20.22 1.66 -8.18	29.11 3.17 -7.69	39.16 4.15 -12.12	29.14 3.98 -3.16	26.70 3.94 -0.74	25.52 3.82 -0.21	24.30 3.26 -1.43	23.00 3.36 -0.31	24.02 3.66 -0.27	25.31 3.67 -1.72	31.54 3.90 -6.77	35.12 4.37 -6.76	40.29 4.69 -7.54	39.02 4.54 -7.93	36.95 4.38 -7.68	34.07 4.23 -6.82	32.68 3.81 -7.83	24.82 3.48 -2.03	20.84 2.45 -3.46
WADING RIVER_IC_3 23601	21.88 1.39 -9.90	18.54 1.24 -8.49	17.89 1.30 -7.98	17.35 1.32 -7.33	18.65 1.28 -8.97	20.22 1.66 -8.18	29.11 3.17 -7.69	39.16 4.15 -12.12	29.14 3.98 -3.16	26.70 3.94 -0.74	25.52 3.82 -0.21	24.30 3.26 -1.43	23.00 3.36 -0.31	24.02 3.66 -0.27	25.31 3.67 -1.72	31.54 3.90 -6.77	35.12 4.37 -6.76	40.29 4.69 -7.54	39.02 4.54 -7.93	36.95 4.38 -7.68	34.07 4.23 -6.82	32.68 3.81 -7.83	24.82 3.48 -2.03	20.84 2.45 -3.46
WALDEN___HYDRO 24148	21.09 0.80 -9.70	17.92 0.68 -8.44	17.20 0.67 -7.93	16.65 0.67 -7.28	17.97 0.66 -8.91	19.30 0.81 -8.11	23.14 1.61 -3.28	24.93 2.04 0.00	24.02 2.02 0.00	24.00 1.98 0.00	23.48 2.00 0.00	22.66 1.86 -1.18	21.20 1.87 0.00	22.02 1.93 0.00	21.88 1.95 0.00	22.89 2.02 0.00	26.27 2.28 0.00	30.53 2.47 0.00	28.86 2.31 0.00	27.13 2.24 0.00	25.15 2.14 0.00	22.93 1.89 0.00	20.98 1.66 0.00	19.42 1.25 -3.23
WARRENSBURG___ 23737	25.38 0.69 -14.10	21.55 0.55 -12.20	20.60 0.53 -11.46	19.78 0.56 -10.53	21.82 0.53 -12.88	22.81 0.71 -11.73	24.58 1.59 -4.75	25.09 2.20 0.00	24.18 2.18 0.00	24.50 2.49 0.00	23.97 2.49 0.00	23.77 2.45 -1.70	21.61 2.28 0.00	22.38 2.29 0.00	22.20 2.27 0.00	23.12 2.25 0.00	26.44 2.45 0.00	30.81 2.75 0.00	29.13 2.57 0.00	27.13 2.24 0.00	25.06 2.05 0.00	22.91 1.87 0.00	20.75 1.43 0.00	20.52 0.96 -4.63
WATERSIDE___6 8 9 23538	21.56 1.06 -9.90	18.17 0.87 -8.49	17.43 0.84 -7.98	16.87 0.84 -7.33	18.20 0.82 -8.97	19.54 1.00 -8.17	23.47 1.92 -3.31	25.46 2.56 0.00	24.62 2.62 0.00	24.66 2.64 0.00	24.15 2.66 0.00	23.35 2.55 -1.18	21.88 2.55 0.00	22.74 2.65 0.00	22.58 2.65 -0.01	23.58 2.71 0.00	26.90 2.90 0.00	31.07 3.00 0.00	29.45 2.89 0.00	27.75 2.86 0.00	25.82 2.81 0.00	23.61 2.57 0.00	21.58 2.26 -0.01	19.79 1.60 -3.26
WDELAWARE___HYD 323627	20.23 0.58 -9.05	17.18 0.51 -7.87	16.50 0.50 -7.39	15.98 0.50 -6.79	17.20 0.49 -8.31	18.53 0.59 -7.56	22.55 1.24 -3.06	24.38 1.49 0.00	23.45 1.45 0.00	23.43 1.41 0.00	22.88 1.40 0.00	22.01 1.29 -1.10	20.62 1.30 0.00	21.41 1.33 0.00	21.28 1.36 0.00	22.29 1.42 0.00	25.65 1.65 0.00	29.88 1.82 0.00	28.28 1.72 0.00	26.56 1.67 0.00	24.55 1.54 0.00	22.39 1.35 0.00	20.44 1.12 0.00	18.87 0.93 -3.02



WEST BABYLON___IC 23714	21.82 1.32 -9.90	18.43 1.14 -8.49	17.78 1.20 -7.98	17.24 1.22 -7.33	18.55 1.18 -8.97	20.08 1.53 -8.18	28.63 2.94 -7.45	38.22 3.85 -11.47	29.30 3.79 -3.51	26.70 3.76 -0.92	25.67 3.70 -0.49	24.72 3.35 -1.75	23.40 3.36 -0.71	24.27 3.56 -0.63	25.44 3.55 -1.97	31.39 3.65 -6.87	34.78 4.03 -6.76	40.01 4.41 -7.54	38.65 4.17 -7.93	36.59 4.01 -7.69	33.72 3.84 -6.86	32.45 3.53 -7.88	24.77 3.21 -2.24	20.66 2.27 -3.46
WEST CANADA___HYD 24049	10.44 0.10 0.26	8.66 0.08 0.22	8.47 0.08 0.21	8.58 0.08 0.19	8.25 0.08 0.24	10.25 0.09 0.21	18.38 0.22 0.09	23.17 0.28 0.00	22.29 0.29 0.00	22.30 0.29 0.00	21.78 0.30 0.00	19.86 0.27 0.03	19.60 0.27 0.00	20.35 0.26 0.00	20.18 0.26 0.00	21.14 0.27 0.00	24.31 0.31 0.00	28.43 0.36 0.00	26.90 0.34 0.00	25.21 0.32 0.00	23.31 0.30 0.00	21.29 0.25 0.00	19.55 0.23 0.00	14.99 0.15 0.09
WESTERN_NY_WIND 24143	12.33 0.35 -1.38	10.22 0.22 -1.19	9.98 0.25 -1.12	9.99 0.27 -1.03	9.97 0.30 -1.26	12.02 0.49 -1.15	19.49 0.77 -0.47	24.17 1.28 0.01	22.96 0.97 0.01	22.54 1.06 0.54	22.25 1.22 0.46	20.35 1.10 0.36	20.03 1.12 0.42	20.81 1.06 0.34	20.84 1.10 0.18	21.64 1.02 0.25	26.54 1.46 -1.08	32.69 1.93 -2.69	29.60 1.65 -1.40	26.39 1.49 0.00	24.44 1.43 0.00	21.94 0.90 0.00	19.94 0.62 0.00	15.63 0.24 -0.46
WESTOVER___LESR 323668	14.39 0.37 -3.43	12.06 0.28 -2.97	11.68 0.28 -2.79	11.55 0.29 -2.57	11.84 0.29 -3.14	13.64 0.40 -2.86	20.19 0.78 -1.16	23.97 1.08 0.00	22.99 0.99 0.00	23.13 0.97 -0.14	22.57 0.97 -0.12	21.07 0.90 -0.55	20.35 0.91 -0.11	21.08 0.90 -0.09	20.89 0.92 -0.05	21.88 0.94 -0.06	25.34 1.18 -0.17	29.86 1.37 -0.42	28.02 1.25 -0.22	26.08 1.19 0.00	24.12 1.10 0.00	21.92 0.88 0.00	20.07 0.75 0.00	16.58 0.51 -1.14
WETHRSFD_WT_PWR 323626	12.72 0.40 -1.72	10.56 0.26 -1.49	10.30 0.29 -1.40	10.29 0.31 -1.29	10.33 0.34 -1.58	12.36 0.54 -1.44	19.71 0.88 -0.59	24.27 1.35 -0.02	23.12 1.10 -0.02	26.21 1.19 -3.01	25.38 1.35 -2.54	24.03 1.26 -3.16	22.98 1.31 -2.34	23.24 1.27 -1.89	22.22 1.31 -0.98	23.46 1.21 -1.38	27.40 1.73 -1.68	34.33 2.11 -4.17	30.53 1.81 -2.17	26.56 1.67 0.00	24.58 1.57 0.00	22.07 1.03 0.00	20.05 0.73 0.00	15.88 0.37 -0.57
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.17 0.88 -9.69	17.69 0.69 -8.20	16.99 0.68 -7.70	16.45 0.68 -7.07	17.72 0.66 -8.65	19.07 0.81 -7.88	23.02 1.59 -3.19	25.00 2.11 0.00	24.13 2.13 0.00	24.11 2.09 0.00	23.61 2.13 0.00	22.76 2.00 -1.14	21.34 2.01 0.00	22.18 2.09 0.00	22.02 2.09 0.00	23.02 2.15 0.00	26.35 2.35 0.00	30.56 2.50 0.00	28.91 2.36 0.00	27.20 2.32 0.00	25.24 2.23 0.00	23.06 2.02 0.00	21.09 1.78 0.00	19.34 1.27 -3.14
YORK___WARBASSE 23770	21.62 1.12 -9.90	18.21 0.92 -8.49	17.46 0.88 -7.98	16.90 0.88 -7.33	18.23 0.86 -8.97	19.58 1.04 -8.17	23.54 1.99 -3.31	25.55 2.65 0.00	24.71 2.71 0.00	24.72 2.71 0.00	24.23 2.75 0.00	23.43 2.63 -1.18	21.94 2.61 0.00	22.82 2.73 0.00	22.66 2.73 -0.01	23.69 2.82 0.00	27.04 3.05 0.00	31.26 3.20 0.00	29.60 3.05 0.00	27.92 3.04 0.00	25.96 2.95 0.00	23.73 2.69 0.00	21.70 2.38 -0.01	19.86 1.67 -3.26