

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/02/2019

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	17.40	15.59	14.66	14.39	14.38	15.04	17.19	19.45	18.84	18.91	17.99	17.19	15.59	14.60	13.82	13.60	15.42	18.83	24.13	25.07	21.32	19.90	18.38	18.11
24138	1.03	0.99	0.94	0.94	0.93	0.96	1.04	1.04	1.76	1.80	1.74	1.68	1.44	1.43	1.34	1.30	1.35	1.63	2.25	2.38	1.80	1.78	1.38	1.09
	-4.81	-3.48	-3.02	-2.73	-2.73	-2.99	-4.68	-7.06	0.00	0.00	0.00	0.00	-0.79	0.00	0.00	0.00	-1.38	-2.28	-1.04	0.00	-2.99	-1.94	-3.95	-5.74
74TH STREET_GT_1	17.40	15.59	14.66	14.39	14.39	15.06	17.19	19.45	18.84	18.93	18.01	17.20	15.61	14.61	13.84	13.61	15.42	18.83	24.13	25.07	21.33	19.92	18.39	18.12
24260	1.03	0.99	0.94	0.94	0.94	0.97	1.04	1.04	1.76	1.81	1.76	1.69	1.46	1.45	1.35	1.32	1.35	1.63	2.25	2.38	1.82	1.80	1.40	1.11
	-4.81	-3.49	-3.02	-2.73	-2.73	-2.99	-4.69	-7.06	0.00	0.00	0.00	0.00	-0.79	0.00	0.00	0.00	-1.38	-2.28	-1.04	0.00	-2.99	-1.94	-3.95	-5.74
74TH STREET_GT_2	17.40	15.59	14.66	14.39	14.39	15.06	17.19	19.45	18.84	18.93	18.01	17.20	15.61	14.61	13.84	13.61	15.42	18.83	24.13	25.07	21.33	19.92	18.39	18.12
24261	1.03	0.99	0.94	0.94	0.94	0.97	1.04	1.04	1.76	1.81	1.76	1.69	1.46	1.45	1.35	1.32	1.35	1.63	2.25	2.38	1.82	1.80	1.40	1.11
	-4.81	-3.49	-3.02	-2.73	-2.73	-2.99	-4.69	-7.06	0.00	0.00	0.00	0.00	-0.79	0.00	0.00	0.00	-1.38	-2.28	-1.04	0.00	-2.99	-1.94	-3.95	-5.74
ADK HUDSON__FALLS	19.16	16.84	15.75	15.37	15.38	16.16	18.91	22.08	18.72	18.77	17.74	16.89	15.65	14.31	13.55	13.39	15.78	19.54	24.37	25.00	22.28	20.42	19.71	20.18
24011	0.97	0.92	0.90	0.89	0.90	0.94	1.00	1.01	1.64	1.66	1.49	1.38	1.20	1.14	1.06	1.09	1.18	1.48	2.10	2.32	1.64	1.57	1.23	1.00
	-6.62	-4.80	-4.16	-3.76	-3.76	-4.11	-6.45	-9.72	0.00	0.00	0.00	0.00	-1.09	0.00	0.00	0.00	-1.90	-3.14	-1.43	0.00	-4.12	-2.67	-5.44	-7.91
ADK RESOURCE__RCVRY	19.20	16.88	15.79	15.39	15.41	16.20	18.96	22.13	18.78	18.82	17.80	16.92	15.69	14.33	13.57	13.43	15.82	19.60	24.46	25.09	22.35	20.48	19.76	20.22
23798	1.01	0.96	0.93	0.91	0.93	0.98	1.03	1.04	1.71	1.71	1.54	1.41	1.24	1.17	1.09	1.13	1.22	1.54	2.19	2.40	1.70	1.62	1.27	1.04
	-6.63	-4.80	-4.17	-3.77	-3.77	-4.12	-6.46	-9.73	0.00	0.00	0.00	0.00	-1.09	0.00	0.00	0.00	-1.90	-3.14	-1.43	0.00	-4.12	-2.67	-5.45	-7.91
ADK S GLENS__FALLS	19.16	16.84	15.75	15.37	15.38	16.16	18.91	22.08	18.72	18.77	17.74	16.89	15.65	14.31	13.55	13.39	15.78	19.54	24.37	25.00	22.28	20.42	19.71	20.18
24028	0.97	0.92	0.90	0.89	0.90	0.94	1.00	1.01	1.64	1.66	1.49	1.38	1.20	1.14	1.06	1.09	1.18	1.48	2.10	2.32	1.64	1.57	1.23	1.00
	-6.62	-4.80	-4.16	-3.76	-3.76	-4.11	-6.45	-9.72	0.00	0.00	0.00	0.00	-1.09	0.00	0.00	0.00	-1.90	-3.14	-1.43	0.00	-4.12	-2.67	-5.44	-7.91
ADK_NYS__DAM	18.82	16.62	15.55	15.21	15.21	15.96	18.62	21.58	18.72	18.75	17.81	17.00	15.68	14.44	13.69	13.49	15.74	19.38	24.22	24.85	22.04	20.23	19.41	19.73
23527	0.97	0.94	0.91	0.92	0.92	0.96	1.03	1.00	1.64	1.64	1.56	1.49	1.28	1.28	1.20	1.19	1.24	1.48	2.02	2.16	1.60	1.51	1.20	0.95
	-6.28	-4.56	-3.95	-3.57	-3.57	-3.90	-6.13	-9.23	0.00	0.00	0.00	0.00	-1.03	0.00	0.00	0.00	-1.80	-2.98	-1.36	0.00	-3.91	-2.53	-5.17	-7.51
AIR_PRODUCTS__DRP	18.44	16.28	15.24	14.89	14.89	15.63	18.21	21.13	18.07	18.12	17.21	16.41	15.16	13.94	13.21	13.02	15.21	18.60	23.21	23.80	21.17	19.51	18.85	19.18
24190	0.72	0.70	0.67	0.68	0.68	0.70	0.74	0.74	0.99	1.01	0.96	0.90	0.79	0.78	0.72	0.73	0.75	0.76	1.04	1.11	0.81	0.84	0.74	0.55
	-6.16	-4.47	-3.87	-3.50	-3.50	-3.83	-6.00	-9.05	0.00	0.00	0.00	0.00	-1.01	0.00	0.00	0.00	-1.77	-2.92	-1.33	0.00	-3.83	-2.48	-5.06	-7.36
ALBANY__1	18.44	16.28	15.24	14.89	14.89	15.63	18.21	21.13	18.07	18.12	17.21	16.41	15.16	13.94	13.21	13.02	15.21	18.60	23.21	23.80	21.17	19.51	18.85	19.18
23571	0.72	0.70	0.67	0.68	0.68	0.70	0.74	0.74	0.99	1.01	0.96	0.90	0.79	0.78	0.72	0.73	0.75	0.76	1.04	1.11	0.81	0.84	0.74	0.55
	-6.16	-4.47	-3.87	-3.50	-3.50	-3.83	-6.00	-9.05	0.00	0.00	0.00	0.00	-1.01	0.00	0.00	0.00	-1.77	-2.92	-1.33	0.00	-3.83	-2.48	-5.06	-7.36
ALBANY__2	18.44	16.28	15.24	14.89	14.89	15.63	18.21	21.13	18.07	18.12	17.21	16.41	15.16	13.94	13.21	13.02	15.21	18.60	23.21	23.80	21.17	19.51	18.85	19.18
23572	0.72	0.70	0.67	0.68	0.68	0.70	0.74	0.74	0.99	1.01	0.96	0.90	0.79	0.78	0.72	0.73	0.75	0.76	1.04	1.11	0.81	0.84	0.74	0.55
	-6.16	-4.47	-3.87	-3.50	-3.50	-3.83	-6.00	-9.05	0.00	0.00	0.00	0.00	-1.01	0.00	0.00	0.00	-1.77	-2.92	-1.33	0.00	-3.83	-2.48	-5.06	-7.36
ALBANY__3	18.44	16.28	15.24	14.89	14.89	15.63	18.21	21.13	18.07	18.12	17.21	16.41	15.16	13.94	13.21	13.02	15.21	18.60	23.21	23.80	21.17	19.51	18.85	19.18
23573	0.72	0.70	0.67	0.68	0.68	0.70	0.74	0.74	0.99	1.01	0.96	0.90	0.79	0.78	0.72	0.73	0.75	0.76	1.04	1.11	0.81	0.84	0.74	0.55
	-6.16	-4.47	-3.87	-3.50	-3.50	-3.83	-6.00	-9.05	0.00	0.00	0.00	0.00	-1.01	0.00	0.00	0.00	-1.77	-2.92	-1.33	0.00	-3.83	-2.48	-5.06	-7.36
ALBANY__4	18.44	16.28	15.24	14.89	14.89	15.63	18.21	21.13	18.07	18.12	17.21	16.41	15.16	13.94	13.21	13.02	15.21	18.60	23.21	23.80	21.17	19.51	18.85	19.18
23574	0.72	0.70	0.67	0.68	0.68	0.70	0.74	0.74	0.99	1.01	0.96	0.90	0.79	0.78	0.72	0.73	0.75	0.76	1.04	1.11	0.81	0.84	0.74	0.55
	-6.16	-4.47	-3.87	-3.50	-3.50	-3.83	-6.00	-9.05	0.00	0.00	0.00	0.00	-1.01	0.00	0.00	0.00	-1.77	-2.92	-1.33	0.00	-3.83	-2.48	-5.06	-7.36



ALBANY___LFGE 323615	18.64 0.81 -6.26	16.43 0.78 -4.54	15.38 0.75 -3.94	15.03 0.75 -3.56	15.04 0.76 -3.56	15.78 0.79 -3.89	18.41 0.84 -6.10	21.38 0.83 -9.20	18.25 1.18 0.00	18.31 1.20 0.00	17.37 1.12 0.00	16.58 1.07 0.00	15.33 0.93 -1.03	14.07 0.91 0.00	13.34 0.85 0.00	13.14 0.85 0.00	15.38 0.89 -1.80	18.85 0.96 -2.97	23.53 1.33 -1.35	24.10 1.41 0.00	21.46 1.04 -3.90	19.76 1.05 -2.52	19.08 0.89 -5.15	19.43 0.68 -7.48
ALCOA_RYNLDS___DRP 24188	10.60 -0.96 0.00	10.33 -0.79 0.00	9.95 -0.74 0.00	9.98 -0.74 0.00	10.01 -0.71 0.00	10.33 -0.78 0.00	10.51 -0.95 0.00	10.43 -0.92 0.00	15.69 -1.38 0.00	15.69 -1.42 0.00	14.89 -1.37 0.00	14.22 -1.29 0.00	12.28 -1.08 0.00	12.10 -1.07 0.00	11.51 -0.97 0.00	11.34 -0.96 0.00	11.72 -0.98 0.00	13.73 -1.19 0.00	19.17 -1.67 0.00	20.94 -1.75 0.00	15.27 -1.26 0.00	14.96 -1.23 0.00	12.03 -1.02 0.00	10.41 -0.87 0.00
ALCOA___DSASP 323711	10.60 -0.96 0.00	10.33 -0.79 0.00	9.95 -0.74 0.00	9.98 -0.74 0.00	10.01 -0.71 0.00	10.33 -0.78 0.00	10.51 -0.95 0.00	10.43 -0.92 0.00	15.69 -1.38 0.00	15.69 -1.42 0.00	14.89 -1.37 0.00	14.22 -1.29 0.00	12.28 -1.08 0.00	12.10 -1.07 0.00	11.51 -0.97 0.00	11.34 -0.96 0.00	11.72 -0.98 0.00	13.73 -1.19 0.00	19.17 -1.67 0.00	20.94 -1.75 0.00	15.27 -1.26 0.00	14.96 -1.23 0.00	12.03 -1.02 0.00	10.41 -0.87 0.00
ALLEGHENY___COGEN 23514	13.04 0.64 -0.84	12.36 0.63 -0.61	11.82 0.60 -0.53	11.80 0.61 -0.48	11.79 0.60 -0.48	12.23 0.60 -0.52	12.99 0.70 -0.82	13.26 0.67 -1.24	17.96 0.89 0.00	18.05 0.94 0.00	17.18 0.93 0.00	16.36 0.85 0.00	14.11 0.61 -0.14	13.81 0.64 0.00	12.97 0.49 0.00	12.79 0.49 0.00	13.49 0.56 -0.24	16.02 0.70 -0.40	22.02 1.00 -0.18	23.87 1.18 0.00	17.79 0.74 -0.52	17.19 0.66 -0.34	14.19 0.46 -0.69	12.85 0.57 -1.00
ALTONA_WT_PWR 323606	10.67 -0.89 0.00	10.32 -0.80 0.00	9.95 -0.74 0.00	9.99 -0.73 0.00	10.04 -0.67 0.00	10.36 -0.74 0.00	10.63 -0.84 0.00	10.55 -0.79 0.00	15.88 -1.20 0.00	15.88 -1.23 0.00	15.06 -1.19 0.00	14.43 -1.09 0.00	12.44 -0.92 0.00	12.25 -0.91 0.00	11.69 -0.80 0.00	11.50 -0.80 0.00	11.88 -0.81 0.00	13.89 -1.03 0.00	19.38 -1.46 0.00	21.19 -1.50 0.00	15.45 -1.07 0.00	15.12 -1.07 0.00	12.15 -0.90 0.00	10.49 -0.79 0.00
AMERICAN_REF_FUEL 24010	12.03 -0.29 -0.76	11.48 -0.19 -0.55	11.00 -0.17 -0.48	11.00 -0.15 -0.43	11.00 -0.15 -0.43	11.40 -0.18 -0.47	12.03 -0.17 -0.74	12.19 -0.28 -1.12	16.43 -0.65 0.00	16.51 -0.60 0.00	15.76 -0.49 0.00	15.00 -0.51 0.00	13.00 -0.48 -0.12	12.77 -0.39 0.00	11.99 -0.50 0.00	11.83 -0.47 0.00	12.40 -0.51 -0.22	14.69 -0.60 -0.36	19.96 -1.04 -0.16	21.62 -1.07 0.00	16.22 -0.78 -0.47	15.65 -0.84 -0.31	12.99 -0.68 -0.62	11.87 -0.32 -0.91
ARKWRIGHT___SUMMIT_WT_PWR 323751	12.85 0.44 -0.85	12.20 0.47 -0.62	11.67 0.44 -0.54	11.65 0.45 -0.48	11.65 0.45 -0.48	12.10 0.47 -0.53	12.96 0.66 -0.83	13.23 0.62 -1.25	17.72 0.65 0.00	17.83 0.72 0.00	17.06 0.81 0.00	16.21 0.70 0.00	14.05 0.55 -0.14	13.77 0.61 0.00	12.85 0.36 0.00	12.66 0.37 0.00	13.31 0.37 -0.24	15.78 0.45 -0.40	21.40 0.38 -0.18	23.19 0.50 0.00	17.40 0.35 -0.53	16.77 0.24 -0.34	13.92 0.17 -0.70	12.70 0.41 -1.02
ARTHUR_KILL_GT_1 23520	17.38 1.01 -4.81	15.57 0.97 -3.49	14.58 0.88 -3.02	14.32 0.88 -2.72	14.31 0.87 -2.72	14.96 0.88 -2.98	17.09 0.95 -4.68	19.36 0.95 -7.05	18.71 1.64 0.01	18.80 1.69 0.01	17.92 1.67 0.01	17.13 1.63 0.01	15.54 1.40 -0.78	14.53 1.38 0.01	13.75 1.27 0.01	13.53 1.24 0.01	15.35 1.28 -1.37	18.76 1.57 -2.27	24.08 2.21 -1.03	25.04 2.36 0.01	21.29 1.79 -2.98	19.90 1.78 -1.93	18.35 1.36 -3.94	18.08 1.07 -5.73
ARTHUR_KILL_2 23512	17.35 0.98 -4.81	15.55 0.94 -3.49	14.56 0.86 -3.02	14.30 0.86 -2.72	14.29 0.85 -2.72	14.94 0.86 -2.98	17.07 0.93 -4.68	19.33 0.93 -7.05	18.67 1.60 0.01	18.76 1.66 0.01	17.88 1.64 0.01	17.10 1.60 0.01	15.52 1.38 -0.78	14.51 1.36 0.01	13.73 1.25 0.01	13.50 1.22 0.01	15.32 1.26 -1.37	18.73 1.54 -2.27	24.04 2.17 -1.03	24.97 2.29 0.01	21.24 1.73 -2.98	19.85 1.73 -1.93	18.32 1.33 -3.94	18.04 1.04 -5.73
ARTHUR_KILL_3 23513	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.04 0.96 -2.99	17.18 1.03 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.91 1.80 0.00	17.99 1.74 0.00	17.19 1.68 0.00	15.59 1.44 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.11 2.23 -1.04	25.05 2.36 0.00	21.32 1.80 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
ARTHUR_KILL_COGEN 323718	17.38 1.01 -4.81	15.57 0.97 -3.49	14.58 0.88 -3.02	14.32 0.88 -2.72	14.31 0.87 -2.72	14.96 0.88 -2.98	17.09 0.95 -4.68	19.36 0.95 -7.05	18.71 1.64 0.01	18.80 1.69 0.01	17.92 1.67 0.01	17.13 1.63 0.01	15.54 1.40 -0.78	14.53 1.38 0.01	13.75 1.27 0.01	13.53 1.24 0.01	15.35 1.28 -1.37	18.76 1.57 -2.27	24.08 2.21 -1.03	25.04 2.36 0.01	21.29 1.79 -2.98	19.90 1.78 -1.93	18.35 1.36 -3.94	18.08 1.07 -5.73
ASHOKAN____ 23654	17.71 1.04 -5.11	15.81 0.99 -3.70	14.87 0.96 -3.21	14.58 0.96 -2.90	14.60 0.99 -2.90	15.26 0.99 -3.17	17.50 1.05 -4.98	19.82 0.96 -7.50	18.73 1.66 0.00	18.69 1.57 0.00	17.66 1.41 0.00	16.88 1.37 0.00	15.39 1.19 -0.84	14.25 1.09 0.00	13.49 1.00 0.00	13.24 0.95 0.00	15.23 1.07 -1.47	18.73 1.39 -2.42	24.01 2.06 -1.10	24.87 2.18 0.00	21.27 1.57 -3.18	19.88 1.63 -2.06	18.38 1.13 -4.20	18.35 0.98 -6.10
ASTORIA_EAST_ENERGY_CC1 323581	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.35 0.91 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.14 1.00 -4.68	19.40 1.00 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.96 1.72 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.57 1.42 0.01	13.80 1.32 0.01	13.57 1.28 0.01	15.39 1.32 -1.37	18.79 1.60 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.29 1.79 -2.98	19.97 1.84 -1.94	18.42 1.42 -3.95	18.14 1.13 -5.74
ASTORIA_EAST_ENERGY_CC2 323582	17.34 0.98 -4.80	15.56 0.97 -3.48	14.62 0.91 -3.02	14.35 0.91 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.14 1.00 -4.68	19.40 1.00 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.96 1.72 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.57 1.42 0.01	13.80 1.32 0.01	13.57 1.28 0.01	15.39 1.32 -1.37	18.79 1.60 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.29 1.79 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT2_I 24094	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74



ASTORIA_GT2_2 24095	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT2_3 24096	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT2_4 24097	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT3_1 24098	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT3_2 24099	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT3_3 24100	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT3_4 24101	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT4_1 24102	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT4_2 24103	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT4_3 24104	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT4_4 24105	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA_GT_1 23523	17.37 1.01 -4.80	15.58 0.99 -3.48	14.64 0.93 -3.02	14.37 0.93 -2.72	14.36 0.92 -2.72	15.03 0.94 -2.98	17.16 1.02 -4.68	19.42 1.02 -7.05	18.81 1.74 0.01	18.90 1.80 0.01	18.01 1.77 0.01	17.21 1.71 0.01	15.61 1.47 -0.78	14.61 1.46 0.01	13.83 1.35 0.01	13.60 1.32 0.01	15.41 1.35 -1.37	18.84 1.64 -2.27	24.16 2.29 -1.03	25.08 2.40 0.01	21.34 1.83 -2.98	20.00 1.88 -1.94	18.46 1.46 -3.95	18.18 1.16 -5.74
ASTORIA_GT_10 24110	17.41 1.04 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.07 1.82 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.66 1.50 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.46 1.38 -1.38	18.87 1.67 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	19.98 1.86 -1.94	18.45 1.45 -3.95	18.17 1.15 -5.74
ASTORIA_GT_11 24225	17.41 1.04 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.07 1.82 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.66 1.50 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.46 1.38 -1.38	18.87 1.67 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	19.98 1.86 -1.94	18.45 1.45 -3.95	18.17 1.15 -5.74
ASTORIA_GT_12 24226	17.41 1.04 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.07 1.82 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.66 1.50 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.46 1.38 -1.38	18.87 1.67 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	19.98 1.86 -1.94	18.45 1.45 -3.95	18.17 1.15 -5.74



ASTORIA_GT_13 24227	17.41 1.04 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.07 1.82 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.66 1.50 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.46 1.38 -1.38	18.87 1.67 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	19.98 1.86 -1.94	18.45 1.45 -3.95	18.17 1.15 -5.74
ASTORIA_GT_5 24106	17.37 1.01 -4.80	15.58 0.99 -3.48	14.64 0.93 -3.02	14.37 0.93 -2.72	14.36 0.92 -2.72	15.03 0.94 -2.98	17.16 1.02 -4.68	19.42 1.02 -7.05	18.81 1.74 0.01	18.90 1.80 0.01	18.01 1.77 0.01	17.21 1.71 0.01	15.61 1.47 -0.78	14.61 1.46 0.01	13.83 1.35 0.01	13.60 1.32 0.01	15.41 1.35 -1.37	18.84 1.64 -2.27	24.16 2.29 -1.03	25.08 2.40 0.01	21.34 1.83 -2.98	20.00 1.88 -1.94	18.46 1.46 -3.95	18.18 1.16 -5.74
ASTORIA_GT_7 24107	17.37 1.01 -4.80	15.58 0.99 -3.48	14.64 0.93 -3.02	14.37 0.93 -2.72	14.36 0.92 -2.72	15.03 0.94 -2.98	17.16 1.02 -4.68	19.42 1.02 -7.05	18.81 1.74 0.01	18.90 1.80 0.01	18.01 1.77 0.01	17.21 1.71 0.01	15.61 1.47 -0.78	14.61 1.46 0.01	13.83 1.35 0.01	13.60 1.32 0.01	15.41 1.35 -1.37	18.84 1.64 -2.27	24.16 2.29 -1.03	25.08 2.40 0.01	21.34 1.83 -2.98	20.00 1.88 -1.94	18.46 1.46 -3.95	18.18 1.16 -5.74
ASTORIA_GT_8 24108	17.37 1.01 -4.80	15.58 0.99 -3.48	14.64 0.93 -3.02	14.37 0.93 -2.72	14.36 0.92 -2.72	15.03 0.94 -2.98	17.16 1.02 -4.68	19.42 1.02 -7.05	18.81 1.74 0.01	18.90 1.80 0.01	18.01 1.77 0.01	17.21 1.71 0.01	15.61 1.47 -0.78	14.61 1.46 0.01	13.83 1.35 0.01	13.60 1.32 0.01	15.41 1.35 -1.37	18.84 1.64 -2.27	24.16 2.29 -1.03	25.08 2.40 0.01	21.34 1.83 -2.98	20.00 1.88 -1.94	18.46 1.46 -3.95	18.18 1.16 -5.74
ASTORIA___2 24149	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA___3 23516	17.41 1.04 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.07 1.82 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.66 1.50 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.46 1.38 -1.38	18.87 1.67 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	19.98 1.86 -1.94	18.45 1.45 -3.95	18.17 1.15 -5.74
ASTORIA___4 23517	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ASTORIA___5 23518	17.41 1.04 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.07 1.82 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.66 1.50 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.46 1.38 -1.38	18.87 1.67 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	19.98 1.86 -1.94	18.45 1.45 -3.95	18.17 1.15 -5.74
AST_ENERGY_2_CC3 323677	17.39 1.02 -4.81	15.57 0.97 -3.49	14.63 0.92 -3.02	14.37 0.92 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.68	19.43 1.02 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.41 1.33 -1.38	18.80 1.60 -2.28	24.07 2.19 -1.04	25.00 2.32 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
AST_ENERGY_2_CC4 323678	17.39 1.02 -4.81	15.57 0.97 -3.49	14.63 0.92 -3.02	14.37 0.92 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.68	19.43 1.02 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.41 1.33 -1.38	18.80 1.60 -2.28	24.07 2.19 -1.04	25.00 2.32 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
ATHENS_STG_1 23668	17.60 0.69 -5.34	15.65 0.67 -3.87	14.69 0.64 -3.36	14.39 0.64 -3.03	14.39 0.64 -3.03	15.09 0.67 -3.32	17.39 0.72 -5.20	19.90 0.70 -7.84	18.24 1.16 0.00	18.29 1.18 0.00	17.37 1.12 0.00	16.58 1.07 0.00	15.17 0.93 -0.88	14.08 0.92 0.00	13.35 0.86 0.00	13.14 0.85 0.00	15.10 0.88 -1.53	18.48 1.03 -2.53	23.43 1.44 -1.15	24.21 1.52 0.00	20.99 1.14 -3.32	19.45 1.12 -2.15	18.31 0.87 -4.39	18.35 0.70 -6.38
ATHENS_STG_2 23670	17.60 0.69 -5.34	15.65 0.67 -3.87	14.69 0.64 -3.36	14.39 0.64 -3.03	14.39 0.64 -3.03	15.09 0.67 -3.32	17.39 0.72 -5.20	19.90 0.70 -7.84	18.24 1.16 0.00	18.29 1.18 0.00	17.37 1.12 0.00	16.58 1.07 0.00	15.17 0.93 -0.88	14.08 0.92 0.00	13.35 0.86 0.00	13.14 0.85 0.00	15.10 0.88 -1.53	18.48 1.03 -2.53	23.43 1.44 -1.15	24.21 1.52 0.00	20.99 1.14 -3.32	19.45 1.12 -2.15	18.31 0.87 -4.39	18.35 0.70 -6.38
ATHENS_STG_3 23677	17.60 0.69 -5.34	15.65 0.67 -3.87	14.69 0.64 -3.36	14.39 0.64 -3.03	14.39 0.64 -3.03	15.09 0.67 -3.32	17.39 0.72 -5.20	19.90 0.70 -7.84	18.24 1.16 0.00	18.29 1.18 0.00	17.37 1.12 0.00	16.58 1.07 0.00	15.17 0.93 -0.88	14.08 0.92 0.00	13.35 0.86 0.00	13.14 0.85 0.00	15.10 0.88 -1.53	18.48 1.03 -2.53	23.43 1.44 -1.15	24.21 1.52 0.00	20.99 1.14 -3.32	19.45 1.12 -2.15	18.31 0.87 -4.39	18.35 0.70 -6.38
AUBURN___LFGE 323710	12.44 0.25 -0.63	11.80 0.23 -0.45	11.30 0.21 -0.39	11.29 0.21 -0.36	11.29 0.21 -0.36	11.73 0.23 -0.39	12.33 0.25 -0.61	12.52 0.25 -0.92	17.44 0.36 0.00	17.47 0.36 0.00	16.59 0.34 0.00	15.82 0.31 0.00	13.70 0.24 -0.10	13.38 0.22 0.00	12.67 0.19 0.00	12.49 0.20 0.00	13.08 0.20 -0.18	15.50 0.28 -0.30	21.41 0.44 -0.14	23.19 0.50 0.00	17.21 0.30 -0.39	16.71 0.27 -0.25	13.77 0.21 -0.51	12.26 0.24 -0.75
BABYLON_RES_REC 323704	18.79 1.33 -5.90	15.87 1.27 -3.49	15.25 1.22 -3.34	14.95 1.22 -3.01	14.75 1.22 -2.82	15.65 1.25 -3.30	19.67 1.35 -6.85	24.66 1.33 -11.99	21.89 2.13 -2.68	19.96 2.16 -0.70	22.15 1.98 -3.92	21.31 1.92 -3.88	20.00 1.70 -4.94	19.63 1.68 -4.78	19.75 1.57 -5.69	20.84 1.54 -7.01	21.11 1.56 -6.85	26.42 1.75 -9.75	37.80 2.40 -14.56	33.68 2.56 -8.43	26.27 1.93 -7.81	27.95 2.07 -9.69	21.49 1.68 -6.76	20.53 1.40 -7.85



BARRETT_IC_1 23704	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_10 23701	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_11 23702	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_12 23703	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_2 23705	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_3 23706	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_4 23707	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_5 23708	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_6 23709	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_7 23710	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_8 23711	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT_IC_9 23700	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT___1 23545	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BARRETT___2 23546	18.71 1.25 -5.90	15.80 1.20 -3.49	15.19 1.16 -3.34	14.89 1.16 -3.01	14.68 1.15 -2.82	15.59 1.19 -3.30	19.59 1.27 -6.85	24.60 1.26 -11.99	21.81 2.05 -2.69	19.90 2.09 -0.70	23.54 1.90 -5.39	21.30 1.84 -3.94	19.99 1.68 -4.95	19.61 1.66 -4.79	19.73 1.55 -5.69	20.82 1.51 -7.01	21.10 1.48 -6.92	26.45 1.78 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.32 1.98 -7.81	27.82 1.94 -9.69	21.44 1.62 -6.77	20.46 1.33 -7.85
BAYONEEC___CTG1 323682	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	17.99 1.74 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74



BAYONEEC___CTG10 323750	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	17.99 1.74 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
BAYONEEC___CTG2 323683	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	17.99 1.74 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
BAYONEEC___CTG3 323684	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	17.99 1.74 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
BAYONEEC___CTG4 323685	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	17.99 1.74 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
BAYONEEC___CTG5 323686	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	17.99 1.74 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
BAYONEEC___CTG6 323687	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	17.99 1.74 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
BAYONEEC___CTG7 323688	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	17.99 1.74 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
BAYONEEC___CTG8 323689	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	17.99 1.74 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
BAYONEEC___CTG9 323749	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	17.99 1.74 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
BEACON___LESR 323632	18.52 0.82 -6.14	16.36 0.79 -4.45	15.31 0.76 -3.86	14.97 0.76 -3.49	14.97 0.76 -3.49	15.71 0.79 -3.81	18.30 0.85 -5.98	21.22 0.85 -9.02	18.29 1.21 0.00	18.33 1.22 0.00	17.39 1.14 0.00	16.60 1.09 0.00	15.32 0.95 -1.01	14.08 0.92 0.00	13.35 0.86 0.00	13.16 0.86 0.00	15.37 0.91 -1.76	18.82 0.98 -2.91	23.52 1.35 -1.33	24.16 1.47 0.00	21.42 1.07 -3.82	19.73 1.07 -2.47	18.99 0.90 -5.05	19.29 0.69 -7.33
BEAVER RIVER___HYD 24048	11.09 -0.47 0.00	10.68 -0.43 0.00	10.26 -0.43 0.00	10.29 -0.43 0.00	10.31 -0.41 0.00	10.69 -0.41 0.00	11.01 -0.46 0.00	10.91 -0.44 0.00	16.46 -0.61 0.00	16.50 -0.62 0.00	15.65 -0.60 0.00	14.89 -0.62 0.00	12.81 -0.55 0.00	12.60 -0.57 0.00	11.95 -0.54 0.00	11.78 -0.52 0.00	12.16 -0.53 0.00	14.30 -0.63 0.00	20.11 -0.73 0.00	22.01 -0.68 0.00	15.91 -0.61 0.00	15.59 -0.60 0.00	12.50 -0.55 0.00	10.81 -0.46 0.00
BEEBEE_GT_13 23619	12.27 0.12 -0.59	11.69 0.14 -0.43	11.20 0.14 -0.37	11.19 0.14 -0.34	11.18 0.13 -0.34	11.58 0.11 -0.37	12.16 0.11 -0.58	12.27 0.06 -0.87	17.02 -0.05 0.00	17.09 -0.02 0.00	16.27 0.02 0.00	15.51 0.00 0.00	13.40 -0.05 -0.10	13.15 -0.01 0.00	12.43 -0.06 0.00	12.26 -0.04 0.00	12.83 -0.04 -0.17	15.16 -0.04 -0.28	20.89 -0.08 -0.13	22.67 -0.02 0.00	16.81 -0.08 -0.37	16.30 -0.13 -0.24	13.41 -0.12 -0.49	12.06 0.08 -0.71
BETHLEHEM___GRP 23843	18.44 0.72 -6.16	16.28 0.70 -4.47	15.24 0.67 -3.87	14.89 0.68 -3.50	14.89 0.68 -3.50	15.63 0.70 -3.83	18.21 0.74 -6.00	21.13 0.74 -9.05	18.07 0.99 0.00	18.12 1.01 0.00	17.21 0.96 0.00	16.41 0.90 0.00	15.16 0.79 -1.01	13.94 0.78 0.00	13.21 0.72 0.00	13.02 0.73 0.00	15.21 0.75 -1.77	18.60 0.76 -2.92	23.21 1.04 -1.33	23.80 1.11 0.00	21.17 0.81 -3.83	19.51 0.84 -2.48	18.85 0.74 -5.06	19.18 0.55 -7.36
BETHLEHEM___GS1 323560	18.44 0.72 -6.16	16.28 0.70 -4.47	15.24 0.67 -3.87	14.89 0.68 -3.50	14.89 0.68 -3.50	15.63 0.70 -3.83	18.21 0.74 -6.00	21.13 0.74 -9.05	18.07 0.99 0.00	18.12 1.01 0.00	17.21 0.96 0.00	16.41 0.90 0.00	15.16 0.79 -1.01	13.94 0.78 0.00	13.21 0.72 0.00	13.02 0.73 0.00	15.21 0.75 -1.77	18.60 0.76 -2.92	23.21 1.04 -1.33	23.80 1.11 0.00	21.17 0.81 -3.83	19.51 0.84 -2.48	18.85 0.74 -5.06	19.18 0.55 -7.36
BETHLEHEM___GS2 323561	18.44 0.72 -6.16	16.28 0.70 -4.47	15.24 0.67 -3.87	14.89 0.68 -3.50	14.89 0.68 -3.50	15.63 0.70 -3.83	18.21 0.74 -6.00	21.13 0.74 -9.05	18.07 0.99 0.00	18.12 1.01 0.00	17.21 0.96 0.00	16.41 0.90 0.00	15.16 0.79 -1.01	13.94 0.78 0.00	13.21 0.72 0.00	13.02 0.73 0.00	15.21 0.75 -1.77	18.60 0.76 -2.92	23.21 1.04 -1.33	23.80 1.11 0.00	21.17 0.81 -3.83	19.51 0.84 -2.48	18.85 0.74 -5.06	19.18 0.55 -7.36



BETHLEHEM___GS3 323562	18.44 0.72 -6.16	16.28 0.70 -4.47	15.24 0.67 -3.87	14.89 0.68 -3.50	14.89 0.68 -3.50	15.63 0.70 -3.83	18.21 0.74 -6.00	21.13 0.74 -9.05	18.07 0.99 0.00	18.12 1.01 0.00	17.21 0.96 0.00	16.41 0.90 0.00	15.16 0.79 -1.01	13.94 0.78 0.00	13.21 0.72 0.00	13.02 0.73 0.00	15.21 0.75 -1.77	18.60 0.76 -2.92	23.21 1.04 -1.33	23.80 1.11 0.00	21.17 0.81 -3.83	19.51 0.84 -2.48	18.85 0.74 -5.06	19.18 0.55 -7.36
BETHLEHEM___STEEL 23779	12.66 0.29 -0.81	12.06 0.36 -0.59	11.55 0.35 -0.51	11.54 0.36 -0.46	11.54 0.36 -0.46	11.99 0.38 -0.50	12.77 0.52 -0.79	13.00 0.45 -1.19	17.49 0.41 0.00	17.57 0.46 0.00	16.79 0.54 0.00	15.96 0.45 0.00	13.83 0.33 -0.13	13.56 0.39 0.00	12.66 0.17 0.00	12.48 0.18 0.00	13.09 0.16 -0.23	15.52 0.21 -0.38	21.08 0.06 -0.18	22.85 0.16 0.00	17.15 0.12 -0.50	16.53 0.02 -0.33	13.73 0.01 -0.67	12.53 0.28 -0.97
BETHPAGE_CC_5 323564	18.76 1.29 -5.90	15.84 1.23 -3.49	15.22 1.19 -3.34	14.92 1.19 -3.01	14.72 1.19 -2.82	15.62 1.22 -3.30	19.64 1.32 -6.85	24.63 1.29 -11.99	21.86 2.10 -2.68	19.95 2.14 -0.70	22.20 2.00 -3.95	21.31 1.92 -3.88	20.01 1.71 -4.94	19.63 1.68 -4.78	19.75 1.57 -5.69	20.84 1.54 -7.01	21.10 1.55 -6.85	26.54 1.87 -9.75	37.98 2.58 -14.56	33.86 2.74 -8.43	26.40 2.07 -7.81	27.94 2.06 -9.69	21.47 1.66 -6.76	20.49 1.36 -7.85
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.75 0.37 -0.82	12.13 0.42 -0.60	11.61 0.41 -0.52	11.61 0.43 -0.47	11.61 0.43 -0.47	12.06 0.44 -0.51	12.87 0.61 -0.80	13.10 0.54 -1.21	17.61 0.53 0.00	17.71 0.60 0.00	16.92 0.67 0.00	16.09 0.57 0.00	13.93 0.44 -0.14	13.66 0.50 0.00	12.75 0.26 0.00	12.58 0.28 0.00	13.20 0.27 -0.24	15.64 0.33 -0.39	21.25 0.23 -0.18	23.03 0.34 0.00	17.28 0.25 -0.51	16.66 0.15 -0.33	13.82 0.10 -0.67	12.62 0.36 -0.98
BINGHAMTON___COGEN 23790	13.54 0.38 -1.59	12.64 0.37 -1.16	12.04 0.34 -1.00	11.97 0.35 -0.91	11.97 0.35 -0.91	12.46 0.37 -0.99	13.44 0.42 -1.55	14.10 0.41 -2.34	17.66 0.58 0.00	17.71 0.60 0.00	16.83 0.58 0.00	16.05 0.54 0.00	14.06 0.44 -0.26	13.59 0.43 0.00	12.86 0.37 0.00	12.66 0.37 0.00	13.53 0.38 -0.46	16.17 0.49 -0.76	21.85 0.67 -0.34	23.44 0.75 0.00	18.03 0.51 -0.99	17.31 0.49 -0.64	14.73 0.38 -1.31	13.55 0.37 -1.90
BLACK RIVER___HYD 24047	11.42 -0.32 -0.18	10.93 -0.32 -0.13	10.48 -0.33 -0.12	10.49 -0.33 -0.10	10.50 -0.32 -0.10	10.91 -0.31 -0.11	11.31 -0.33 -0.18	11.30 -0.32 -0.27	16.67 -0.41 0.00	16.72 -0.39 0.00	15.84 -0.41 0.00	15.06 -0.45 0.00	12.99 -0.40 -0.03	12.73 -0.43 0.00	12.08 -0.41 0.00	11.89 -0.41 0.00	12.33 -0.42 -0.05	14.52 -0.49 -0.09	20.40 -0.48 -0.04	22.30 -0.39 0.00	16.21 -0.43 -0.11	15.84 -0.42 -0.07	12.78 -0.42 -0.15	11.16 -0.34 -0.22
BLISS_WT_PWR 323608	12.84 0.42 -0.86	12.22 0.48 -0.63	11.69 0.45 -0.54	11.68 0.47 -0.49	11.69 0.48 -0.49	12.16 0.52 -0.54	13.03 0.72 -0.84	13.31 0.69 -1.27	17.83 0.75 0.00	17.93 0.82 0.00	17.13 0.88 0.00	16.27 0.76 0.00	14.09 0.59 -0.14	13.79 0.63 0.00	12.87 0.39 0.00	12.69 0.39 0.00	13.32 0.38 -0.25	15.80 0.46 -0.41	21.42 0.39 -0.19	23.21 0.52 0.00	17.43 0.36 -0.54	16.79 0.26 -0.35	13.94 0.18 -0.71	12.71 0.41 -1.03
BLUE_CIRC_CHEM_DRP 24182	18.31 0.69 -6.05	16.18 0.68 -4.39	15.15 0.65 -3.80	14.81 0.65 -3.44	14.81 0.65 -3.44	15.54 0.68 -3.76	18.08 0.72 -5.89	20.94 0.70 -8.88	18.14 1.06 0.00	18.17 1.06 0.00	17.26 1.01 0.00	16.47 0.96 0.00	15.18 0.83 -1.00	13.99 0.83 0.00	13.25 0.76 0.00	13.06 0.76 0.00	15.22 0.79 -1.74	18.67 0.88 -2.87	23.36 1.21 -1.31	23.98 1.29 0.00	21.25 0.96 -3.76	19.58 0.95 -2.44	18.80 0.78 -4.97	19.11 0.61 -7.22
BOC_GAS_DRP 24189	18.33 0.65 -6.12	16.17 0.62 -4.44	15.14 0.60 -3.85	14.79 0.60 -3.48	14.79 0.60 -3.48	15.53 0.62 -3.80	18.09 0.66 -5.96	20.99 0.65 -8.99	18.07 0.99 0.00	18.12 1.01 0.00	17.21 0.96 0.00	16.43 0.91 0.00	15.15 0.79 -1.01	13.95 0.79 0.00	13.22 0.74 0.00	13.02 0.73 0.00	15.20 0.75 -1.76	18.67 0.85 -2.90	23.33 1.17 -1.32	23.94 1.25 0.00	21.26 0.92 -3.81	19.58 0.92 -2.47	18.82 0.74 -5.03	19.17 0.59 -7.31
BORALEX_4TH_BRANCH 23824	18.82 0.97 -6.28	16.62 0.94 -4.56	15.55 0.91 -3.95	15.21 0.92 -3.57	15.21 0.92 -3.57	15.96 0.96 -3.90	18.62 1.03 -6.13	21.58 1.00 -9.23	18.72 1.64 0.00	18.75 1.64 0.00	17.81 1.56 0.00	17.00 1.49 0.00	15.68 1.28 -1.03	14.44 1.28 0.00	13.69 1.20 0.00	13.49 1.19 0.00	15.74 1.24 -1.80	19.38 1.48 -2.98	24.22 2.02 -1.36	24.85 2.16 0.00	22.04 1.60 -3.91	20.23 1.51 -2.53	19.41 1.20 -5.17	19.73 0.95 -7.51
BOWLINE___1 23526	17.05 0.82 -4.67	15.29 0.79 -3.39	14.38 0.75 -2.94	14.12 0.75 -2.65	14.12 0.75 -2.65	14.77 0.77 -2.90	16.85 0.84 -4.55	19.04 0.83 -6.86	18.49 1.42 0.00	18.55 1.44 0.00	17.63 1.38 0.00	16.85 1.33 0.00	15.29 1.16 -0.77	14.31 1.14 0.00	13.56 1.07 0.00	13.34 1.04 0.00	15.10 1.07 -1.34	18.43 1.30 -2.21	23.66 1.81 -1.01	24.59 1.91 0.00	20.88 1.45 -2.90	19.51 1.44 -1.88	17.98 1.10 -3.84	17.72 0.87 -5.58
BOWLINE___2 23595	17.05 0.82 -4.67	15.29 0.79 -3.39	14.38 0.75 -2.94	14.12 0.75 -2.65	14.12 0.75 -2.65	14.77 0.77 -2.90	16.85 0.84 -4.55	19.04 0.83 -6.86	18.49 1.42 0.00	18.55 1.44 0.00	17.63 1.38 0.00	16.85 1.33 0.00	15.29 1.16 -0.77	14.31 1.14 0.00	13.56 1.07 0.00	13.34 1.04 0.00	15.10 1.07 -1.34	18.43 1.30 -2.21	23.66 1.81 -1.01	24.59 1.91 0.00	20.88 1.45 -2.91	19.51 1.44 -1.88	17.98 1.10 -3.84	17.72 0.87 -5.58
BROOKHAVEN___DRP 24191	18.99 1.53 -5.90	16.01 1.41 -3.49	15.40 1.37 -3.34	15.10 1.37 -3.01	14.89 1.36 -2.82	15.84 1.44 -3.30	19.83 1.51 -6.85	24.86 1.52 -11.99	21.86 2.10 -2.68	19.81 2.00 -0.70	21.67 1.59 -3.83	21.11 1.72 -3.87	19.80 1.50 -4.94	19.43 1.49 -4.78	19.58 1.41 -5.69	20.69 1.39 -7.01	20.96 1.42 -6.85	26.42 1.75 -9.75	37.88 2.48 -14.56	33.82 2.70 -8.43	26.30 1.97 -7.81	27.82 1.94 -9.69	21.40 1.59 -6.76	20.53 1.40 -7.85
BROOKLYN_NAVY_YARD 23515	17.39 1.02 -4.81	15.57 0.97 -3.49	14.63 0.92 -3.02	14.37 0.92 -2.73	14.36 0.91 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.68	19.44 1.03 -7.06	18.82 1.74 0.00	18.91 1.80 0.00	17.96 1.71 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.80 1.31 0.00	13.57 1.28 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.90 1.78 -1.94	18.38 1.38 -3.95	18.10 1.08 -5.74
BROOKLYN___ARMY_DRP 323595	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74



BROOME_2_LFGE 323671	13.54 0.38 -1.59	12.64 0.37 -1.16	12.04 0.34 -1.00	11.97 0.35 -0.91	11.97 0.35 -0.91	12.46 0.37 -0.99	13.44 0.42 -1.55	14.10 0.41 -2.34	17.66 0.58 0.00	17.71 0.60 0.00	16.83 0.58 0.00	16.05 0.54 0.00	14.06 0.44 -0.26	13.59 0.43 0.00	12.86 0.37 0.00	12.66 0.37 0.00	13.53 0.38 -0.46	16.17 0.49 -0.76	21.85 0.67 -0.34	23.44 0.75 0.00	18.03 0.51 -0.99	17.31 0.49 -0.64	14.73 0.38 -1.31	13.55 0.37 -1.90
BROOME__LFGE 323600	13.54 0.38 -1.59	12.64 0.37 -1.16	12.04 0.34 -1.00	11.97 0.35 -0.91	11.97 0.35 -0.91	12.46 0.37 -0.99	13.44 0.42 -1.55	14.10 0.41 -2.34	17.66 0.58 0.00	17.71 0.60 0.00	16.83 0.58 0.00	16.05 0.54 0.00	14.06 0.44 -0.26	13.59 0.43 0.00	12.86 0.37 0.00	12.66 0.37 0.00	13.53 0.38 -0.46	16.17 0.49 -0.76	21.85 0.67 -0.34	23.44 0.75 0.00	18.03 0.51 -0.99	17.31 0.49 -0.64	14.73 0.38 -1.31	13.55 0.37 -1.90
BURROWS__LYONSDAL 23803	11.54 -0.02 0.00	11.09 -0.02 0.00	10.66 -0.03 0.00	10.68 -0.03 0.00	10.69 -0.02 0.00	11.09 -0.01 0.00	11.45 -0.01 0.00	11.35 0.00 0.00	17.13 0.05 0.00	17.16 0.05 0.00	16.28 0.03 0.00	15.51 0.00 0.00	13.33 -0.03 0.00	13.12 -0.04 0.00	12.44 -0.05 0.00	12.26 -0.04 0.00	12.66 -0.04 0.00	14.88 -0.04 0.00	20.90 0.06 0.00	22.83 0.14 0.00	16.54 0.02 0.00	16.19 0.00 0.00	13.01 -0.04 0.00	11.24 -0.03 0.00
CAITHNESS_CC_1 323624	18.97 1.50 -5.90	16.00 1.40 -3.49	15.38 1.35 -3.34	15.08 1.35 -3.01	14.87 1.34 -2.82	15.82 1.42 -3.30	19.81 1.49 -6.85	24.83 1.50 -11.99	21.86 2.10 -2.68	19.83 2.02 -0.70	21.69 1.61 -3.83	21.14 1.75 -3.87	19.82 1.52 -4.94	19.45 1.51 -4.78	19.60 1.42 -5.69	20.70 1.40 -7.01	20.98 1.43 -6.85	26.43 1.76 -9.75	37.90 2.50 -14.56	33.82 2.70 -8.43	26.32 1.98 -7.81	27.84 1.96 -9.69	21.41 1.60 -6.76	20.53 1.40 -7.85
CALPINE BETH_PAGE_GT4 24209	18.75 1.28 -5.90	15.84 1.23 -3.49	15.22 1.19 -3.34	14.92 1.19 -3.01	14.72 1.19 -2.82	15.62 1.22 -3.30	19.64 1.32 -6.85	24.63 1.29 -11.99	21.87 2.12 -2.68	19.97 2.16 -0.70	22.27 2.01 -4.00	21.33 1.94 -3.88	20.01 1.71 -4.94	19.64 1.70 -4.78	19.76 1.59 -5.69	20.85 1.55 -7.01	21.11 1.56 -6.86	26.55 1.88 -9.75	38.01 2.60 -14.56	33.89 2.77 -8.43	26.40 2.07 -7.81	27.94 2.06 -9.69	21.47 1.66 -6.76	20.50 1.38 -7.85
CALPINE_BETH_PAGE_GT_4 323586	18.75 1.28 -5.90	15.84 1.23 -3.49	15.22 1.19 -3.34	14.92 1.19 -3.01	14.72 1.19 -2.82	15.62 1.22 -3.30	19.64 1.32 -6.85	24.63 1.29 -11.99	21.87 2.12 -2.68	19.97 2.16 -0.70	22.27 2.01 -4.00	21.33 1.94 -3.88	20.01 1.71 -4.94	19.64 1.70 -4.78	19.76 1.59 -5.69	20.85 1.55 -7.01	21.11 1.56 -6.86	26.55 1.88 -9.75	38.01 2.60 -14.56	33.89 2.77 -8.43	26.40 2.07 -7.81	27.94 2.06 -9.69	21.47 1.66 -6.76	20.50 1.38 -7.85
CALPINE_BP_GT1 23823	18.75 1.28 -5.90	15.84 1.23 -3.49	15.22 1.19 -3.34	14.92 1.19 -3.01	14.72 1.19 -2.82	15.62 1.22 -3.30	19.64 1.32 -6.85	24.63 1.29 -11.99	21.87 2.12 -2.68	19.97 2.16 -0.70	22.27 2.01 -4.00	21.33 1.94 -3.88	20.01 1.71 -4.94	19.64 1.70 -4.78	19.76 1.59 -5.69	20.85 1.55 -7.01	21.11 1.56 -6.86	26.55 1.88 -9.75	38.01 2.60 -14.56	33.89 2.77 -8.43	26.40 2.07 -7.81	27.94 2.06 -9.69	21.47 1.66 -6.76	20.50 1.38 -7.85
CALSPAN__DRP 24200	12.66 0.29 -0.81	12.06 0.36 -0.59	11.55 0.35 -0.51	11.54 0.36 -0.46	11.54 0.36 -0.46	11.99 0.38 -0.50	12.77 0.52 -0.79	13.00 0.45 -1.19	17.49 0.41 0.00	17.57 0.46 0.00	16.79 0.54 0.00	15.96 0.45 0.00	13.83 0.33 -0.13	13.56 0.39 0.00	12.66 0.17 0.00	12.48 0.18 0.00	13.09 0.16 -0.23	15.52 0.21 -0.38	21.08 0.06 -0.18	22.85 0.16 0.00	17.15 0.12 -0.50	16.53 0.02 -0.33	13.73 0.01 -0.67	12.53 0.28 -0.97
CANDIGU_WT_PWR 323617	13.07 0.43 -1.08	12.33 0.43 -0.79	11.79 0.42 -0.68	11.76 0.43 -0.62	11.77 0.44 -0.62	12.22 0.44 -0.67	13.08 0.56 -1.06	13.46 0.52 -1.59	17.69 0.61 0.00	17.76 0.65 0.00	16.93 0.68 0.00	16.12 0.60 0.00	14.00 0.47 -0.18	13.65 0.49 0.00	12.81 0.32 0.00	12.63 0.33 0.00	13.37 0.37 -0.31	15.90 0.46 -0.51	21.64 0.56 -0.23	23.35 0.66 0.00	17.63 0.43 -0.67	17.00 0.37 -0.44	14.20 0.26 -0.89	12.95 0.38 -1.29
CARR STREET_E_SYR 24060	12.06 0.07 -0.43	11.47 0.04 -0.31	11.01 0.04 -0.27	11.00 0.04 -0.25	11.00 0.04 -0.25	11.42 0.04 -0.27	11.93 0.05 -0.42	12.02 0.03 -0.63	17.09 0.02 0.00	17.13 0.02 0.00	16.28 0.03 0.00	15.53 0.02 0.00	13.43 0.00 -0.07	13.16 0.00 0.00	12.46 -0.02 0.00	12.28 -0.01 0.00	12.81 -0.01 -0.12	15.13 0.00 -0.20	20.95 0.02 -0.09	22.73 0.05 0.00	16.78 -0.02 -0.27	16.35 -0.02 -0.17	13.40 0.00 -0.35	11.85 0.06 -0.51
CARTHAGE__PAPER 23857	11.33 -0.39 -0.16	10.85 -0.38 -0.11	10.42 -0.37 -0.10	10.43 -0.38 -0.09	10.44 -0.36 -0.09	10.85 -0.36 -0.10	11.23 -0.39 -0.15	11.21 -0.37 -0.23	16.58 -0.50 0.00	16.62 -0.50 0.00	15.76 -0.49 0.00	14.98 -0.53 0.00	12.92 -0.47 -0.03	12.66 -0.50 0.00	12.03 -0.46 0.00	11.84 -0.45 0.00	12.27 -0.47 -0.05	14.45 -0.55 -0.07	20.29 -0.58 -0.03	22.17 -0.52 0.00	16.11 -0.51 -0.10	15.75 -0.50 -0.06	12.71 -0.47 -0.13	11.07 -0.39 -0.19
CE_DUNWOOD__DRP 24194	17.29 0.93 -4.81	15.49 0.89 -3.48	14.56 0.84 -3.02	14.29 0.85 -2.73	14.29 0.85 -2.73	14.96 0.87 -2.98	17.09 0.94 -4.68	19.34 0.93 -7.06	18.65 1.57 0.00	18.72 1.61 0.00	17.81 1.56 0.00	17.00 1.49 0.00	15.45 1.30 -0.79	14.44 1.28 0.00	13.69 1.20 0.00	13.46 1.17 0.00	15.27 1.19 -1.38	18.65 1.45 -2.28	23.90 2.02 -1.04	24.82 2.13 0.00	21.14 1.62 -2.99	19.73 1.60 -1.94	18.22 1.23 -3.95	17.98 0.97 -5.74
CE_MILLWOOD__DRP 24193	17.22 0.88 -4.78	15.42 0.84 -3.46	14.50 0.80 -3.01	14.25 0.81 -2.72	14.24 0.80 -2.72	14.89 0.82 -2.97	17.02 0.89 -4.66	19.27 0.90 -7.02	18.58 1.50 0.00	18.65 1.54 0.00	17.73 1.48 0.00	16.94 1.43 0.00	15.39 1.24 -0.79	14.38 1.22 0.00	13.64 1.15 0.00	13.40 1.11 0.00	15.21 1.14 -1.37	18.58 1.39 -2.26	23.81 1.94 -1.03	24.73 2.04 0.00	21.04 1.54 -2.97	19.65 1.54 -1.93	18.15 1.17 -3.93	17.91 0.92 -5.71
CE_NYC2_DRP 24202	17.42 1.05 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.05 1.80 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.65 1.49 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.46 1.38 -1.38	18.87 1.67 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	19.98 1.86 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
CE_NYC_DRP 24195	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	18.01 1.76 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.39 1.40 -3.95	18.12 1.11 -5.74



CHAFFEE___LFGE 323603	12.77 0.37 -0.84	12.16 0.43 -0.61	11.64 0.42 -0.53	11.62 0.43 -0.48	11.63 0.44 -0.48	12.08 0.46 -0.52	12.90 0.62 -0.82	13.15 0.57 -1.23	17.66 0.58 0.00	17.76 0.65 0.00	16.96 0.71 0.00	16.12 0.60 0.00	13.96 0.47 -0.14	13.69 0.53 0.00	12.76 0.27 0.00	12.59 0.29 0.00	13.21 0.28 -0.24	15.68 0.36 -0.40	21.27 0.25 -0.18	23.07 0.39 0.00	17.31 0.26 -0.52	16.69 0.16 -0.34	13.85 0.12 -0.69	12.65 0.37 -1.00
CHATEAUG_WT_PWR 323614	10.65 -0.91 0.00	10.30 -0.81 0.00	9.93 -0.76 0.00	9.97 -0.75 0.00	10.02 -0.70 0.00	10.34 -0.77 0.00	10.61 -0.86 0.00	10.53 -0.82 0.00	15.85 -1.23 0.00	15.85 -1.27 0.00	15.03 -1.22 0.00	14.38 -1.13 0.00	12.41 -0.95 0.00	12.23 -0.93 0.00	11.65 -0.84 0.00	11.46 -0.84 0.00	11.84 -0.85 0.00	13.87 -1.06 0.00	19.34 -1.50 0.00	21.12 -1.57 0.00	15.42 -1.11 0.00	15.07 -1.12 0.00	12.11 -0.94 0.00	10.46 -0.81 0.00
CHAT_HIGH_FALL_HYD 323578	10.67 -0.89 0.00	10.32 -0.80 0.00	9.94 -0.75 0.00	9.98 -0.74 0.00	10.03 -0.69 0.00	10.36 -0.74 0.00	10.63 -0.84 0.00	10.55 -0.79 0.00	15.88 -1.20 0.00	15.86 -1.25 0.00	15.05 -1.20 0.00	14.41 -1.10 0.00	12.42 -0.94 0.00	12.24 -0.92 0.00	11.68 -0.81 0.00	11.48 -0.81 0.00	11.88 -0.81 0.00	13.89 -1.03 0.00	19.38 -1.46 0.00	21.19 -1.50 0.00	15.45 -1.07 0.00	15.12 -1.07 0.00	12.13 -0.91 0.00	10.47 -0.80 0.00
CHAUTAUQUA___LFGE 323629	12.88 0.47 -0.84	12.23 0.51 -0.61	11.71 0.49 -0.53	11.70 0.50 -0.48	11.70 0.50 -0.48	12.15 0.52 -0.52	13.00 0.72 -0.82	13.25 0.67 -1.23	17.79 0.72 0.00	17.90 0.79 0.00	17.10 0.84 0.00	16.26 0.74 0.00	14.08 0.59 -0.14	13.81 0.64 0.00	12.89 0.40 0.00	12.70 0.41 0.00	13.34 0.41 -0.24	15.81 0.49 -0.40	21.46 0.44 -0.18	23.26 0.57 0.00	17.46 0.41 -0.52	16.83 0.31 -0.34	13.96 0.22 -0.69	12.74 0.46 -1.00
CH_MIDHUDSON___DRP 24192	17.60 0.95 -5.08	15.71 0.91 -3.69	14.76 0.87 -3.20	14.48 0.88 -2.89	14.48 0.88 -2.89	15.16 0.90 -3.16	17.39 0.97 -4.95	19.77 0.95 -7.47	18.68 1.60 0.00	18.74 1.63 0.00	17.80 1.54 0.00	17.00 1.49 0.00	15.49 1.30 -0.84	14.42 1.26 0.00	13.67 1.19 0.00	13.45 1.16 0.00	15.35 1.19 -1.46	18.80 1.46 -2.41	23.98 2.04 -1.10	24.85 2.16 0.00	21.31 1.62 -3.16	19.84 1.60 -2.05	18.44 1.21 -4.18	18.33 0.98 -6.07
CH_MISC_IPPS 23765	17.44 0.96 -4.91	15.60 0.92 -3.56	14.66 0.88 -3.09	14.40 0.89 -2.79	14.39 0.88 -2.79	15.07 0.91 -3.05	17.23 0.97 -4.79	19.53 0.96 -7.22	18.70 1.62 0.00	18.75 1.64 0.00	17.81 1.56 0.00	17.00 1.49 0.00	15.46 1.30 -0.81	14.42 1.26 0.00	13.67 1.19 0.00	13.44 1.14 0.00	15.30 1.19 -1.41	18.72 1.46 -2.33	23.97 2.06 -1.06	24.87 2.18 0.00	21.22 1.64 -3.06	19.80 1.63 -1.98	18.31 1.23 -4.04	18.13 0.99 -5.87
CH_RES_BVR_FALLS 23983	11.07 -0.23 0.26	10.72 -0.21 0.19	10.32 -0.20 0.16	10.36 -0.20 0.15	10.38 -0.19 0.15	10.73 -0.21 0.16	10.97 -0.24 0.25	10.73 -0.24 0.38	16.70 -0.38 0.00	16.72 -0.39 0.00	15.88 -0.37 0.00	15.16 -0.36 0.00	13.01 -0.31 0.04	12.84 -0.32 0.00	12.20 -0.29 0.00	12.02 -0.27 0.00	12.34 -0.28 0.07	14.47 -0.33 0.12	20.33 -0.46 0.06	22.21 -0.48 0.00	16.01 -0.35 0.16	15.73 -0.36 0.10	12.53 -0.30 0.21	10.69 -0.27 0.31
CH_RES_NIAGARA 23895	12.10 -0.21 -0.75	11.59 -0.07 -0.54	11.15 -0.01 -0.47	11.14 0.00 -0.43	11.15 0.01 -0.43	11.51 -0.06 -0.46	12.07 -0.13 -0.73	12.23 -0.22 -1.10	16.44 -0.63 0.00	16.53 -0.58 0.00	15.76 -0.49 0.00	15.01 -0.50 0.00	13.03 -0.45 -0.12	12.79 -0.37 0.00	12.06 -0.42 0.00	11.90 -0.39 0.00	12.46 -0.44 -0.21	14.74 -0.54 -0.35	20.02 -0.98 -0.16	21.69 -1.00 0.00	16.28 -0.71 -0.47	15.71 -0.78 -0.30	13.06 -0.60 -0.61	11.98 -0.19 -0.89
CH_RES_SYRACUSE 23985	12.21 0.14 -0.51	11.60 0.11 -0.37	11.12 0.11 -0.32	11.11 0.11 -0.29	11.11 0.11 -0.29	11.53 0.11 -0.32	12.08 0.11 -0.50	12.21 0.11 -0.75	17.21 0.14 0.00	17.25 0.14 0.00	16.38 0.13 0.00	15.64 0.12 0.00	13.52 0.08 -0.08	13.24 0.08 0.00	12.54 0.05 0.00	12.36 0.06 0.00	12.91 0.06 -0.15	15.26 0.09 -0.24	21.12 0.17 -0.11	22.89 0.20 0.00	16.94 0.10 -0.32	16.49 0.10 -0.21	13.56 0.09 -0.42	12.01 0.12 -0.61
CLINTON_WT_PWR 323605	10.65 -0.91 0.00	10.30 -0.81 0.00	9.93 -0.76 0.00	9.97 -0.75 0.00	10.02 -0.70 0.00	10.34 -0.77 0.00	10.61 -0.86 0.00	10.53 -0.82 0.00	15.85 -1.23 0.00	15.85 -1.27 0.00	15.03 -1.22 0.00	14.38 -1.13 0.00	12.41 -0.95 0.00	12.23 -0.93 0.00	11.65 -0.84 0.00	11.46 -0.84 0.00	11.84 -0.85 0.00	13.87 -1.06 0.00	19.34 -1.50 0.00	21.12 -1.57 0.00	15.42 -1.11 0.00	15.07 -1.12 0.00	12.11 -0.94 0.00	10.46 -0.81 0.00
CLINTON___LFGE 323618	10.71 -0.86 0.00	10.35 -0.77 0.00	9.98 -0.72 0.00	10.01 -0.71 0.00	10.08 -0.63 0.00	10.39 -0.71 0.00	10.66 -0.80 0.00	10.59 -0.76 0.00	15.95 -1.13 0.00	15.91 -1.20 0.00	15.10 -1.15 0.00	14.47 -1.04 0.00	12.48 -0.88 0.00	12.31 -0.86 0.00	11.74 -0.75 0.00	11.54 -0.75 0.00	11.95 -0.75 0.00	13.95 -0.97 0.00	19.46 -1.38 0.00	21.30 -1.38 0.00	15.55 -0.97 0.00	15.20 -0.99 0.00	12.20 -0.85 0.00	10.53 -0.74 0.00
COLONIE_LFGE___ 323577	18.85 0.86 -6.43	16.60 0.82 -4.66	15.53 0.79 -4.04	15.16 0.79 -3.65	15.16 0.79 -3.65	15.93 0.83 -3.99	18.61 0.88 -6.26	21.65 0.86 -9.44	18.44 1.37 0.00	18.50 1.39 0.00	17.53 1.28 0.00	16.74 1.23 0.00	15.49 1.07 -1.06	14.21 1.05 0.00	13.46 0.97 0.00	13.27 0.97 0.00	15.57 1.03 -1.85	19.18 1.21 -3.05	23.92 1.69 -1.39	24.50 1.82 0.00	21.85 1.32 -4.00	20.04 1.26 -2.59	19.35 1.02 -5.28	19.76 0.81 -7.68
COPENHAGEN_WT_PWR 323753	11.45 -0.31 -0.20	10.95 -0.31 -0.15	10.50 -0.32 -0.13	10.51 -0.32 -0.12	10.52 -0.31 -0.12	10.93 -0.30 -0.13	11.34 -0.32 -0.20	11.34 -0.31 -0.30	16.67 -0.41 0.00	16.72 -0.39 0.00	15.84 -0.41 0.00	15.08 -0.43 0.00	12.99 -0.40 -0.03	12.74 -0.42 0.00	12.09 -0.40 0.00	11.90 -0.39 0.00	12.35 -0.41 -0.06	14.54 -0.48 -0.10	20.41 -0.48 -0.04	22.28 -0.41 0.00	16.22 -0.43 -0.13	15.85 -0.42 -0.08	12.81 -0.40 -0.17	11.19 -0.33 -0.24
CORNELL____ 23752	13.08 0.42 -1.10	12.29 0.38 -0.80	11.75 0.36 -0.69	11.70 0.36 -0.62	11.70 0.36 -0.62	12.17 0.39 -0.68	12.97 0.44 -1.07	13.40 0.44 -1.61	17.72 0.65 0.00	17.76 0.65 0.00	16.88 0.63 0.00	16.09 0.57 0.00	14.01 0.47 -0.18	13.61 0.45 0.00	12.89 0.40 0.00	12.69 0.39 0.00	13.43 0.42 -0.32	15.98 0.54 -0.52	21.87 0.79 -0.24	23.57 0.88 0.00	17.79 0.58 -0.68	17.18 0.55 -0.44	14.37 0.42 -0.90	12.98 0.39 -1.31
COXSACKIE___GT 23611	17.83 1.03 -5.24	15.90 0.99 -3.80	14.94 0.95 -3.29	14.65 0.95 -2.98	14.66 0.96 -2.98	15.34 0.99 -3.25	17.62 1.05 -5.10	20.05 1.01 -7.69	18.72 1.64 0.00	18.72 1.61 0.00	17.73 1.48 0.00	16.94 1.43 0.00	15.46 1.24 -0.86	14.35 1.18 0.00	13.57 1.09 0.00	13.34 1.04 0.00	15.34 1.14 -1.50	18.79 1.39 -2.48	23.97 2.00 -1.13	24.82 2.13 0.00	21.34 1.55 -3.26	19.87 1.57 -2.11	18.51 1.16 -4.30	18.50 0.97 -6.25



CPV_VALLEY___CC1 323721	16.40 0.65 -4.19	14.78 0.62 -3.04	13.93 0.60 -2.64	13.70 0.60 -2.38	13.69 0.59 -2.38	14.32 0.61 -2.60	16.21 0.66 -4.08	18.16 0.66 -6.16	18.20 1.13 0.00	18.26 1.15 0.00	17.36 1.11 0.00	16.58 1.07 0.00	14.97 0.92 -0.69	14.07 0.91 0.00	13.37 0.89 0.00	13.16 0.86 0.00	14.75 0.85 -1.20	17.95 1.04 -1.99	23.18 1.44 -0.91	24.19 1.50 0.00	20.29 1.16 -2.61	19.03 1.15 -1.69	17.37 0.87 -3.45	16.97 0.69 -5.00
CPV_VALLEY___CC2 323722	16.40 0.65 -4.19	14.78 0.62 -3.04	13.93 0.60 -2.64	13.70 0.60 -2.38	13.69 0.59 -2.38	14.32 0.61 -2.60	16.21 0.66 -4.08	18.16 0.66 -6.16	18.20 1.13 0.00	18.26 1.15 0.00	17.36 1.11 0.00	16.58 1.07 0.00	14.97 0.92 -0.69	14.07 0.91 0.00	13.37 0.89 0.00	13.16 0.86 0.00	14.75 0.85 -1.20	17.95 1.04 -1.99	23.18 1.44 -0.91	24.19 1.50 0.00	20.29 1.16 -2.61	19.03 1.15 -1.69	17.37 0.87 -3.45	16.97 0.69 -5.00
CRESCENT___HYD 24018	18.85 0.86 -6.43	16.60 0.82 -4.66	15.53 0.79 -4.04	15.16 0.79 -3.65	15.16 0.79 -3.65	15.93 0.83 -3.99	18.61 0.88 -6.26	21.65 0.86 -9.44	18.44 1.37 0.00	18.50 1.39 0.00	17.53 1.28 0.00	16.74 1.23 0.00	15.49 1.07 -1.06	14.21 1.05 0.00	13.46 0.97 0.00	13.27 0.97 0.00	15.57 1.03 -1.85	19.18 1.21 -3.05	23.92 1.69 -1.39	24.50 1.82 0.00	21.85 1.32 -4.00	20.04 1.26 -2.59	19.35 1.02 -5.28	19.76 0.81 -7.68
CRICKET___VALLEY_CC1 323756	17.52 0.90 -5.06	15.66 0.88 -3.67	14.72 0.84 -3.18	14.44 0.85 -2.87	14.44 0.85 -2.87	15.11 0.87 -3.14	17.34 0.94 -4.93	19.70 0.92 -7.43	18.61 1.54 0.00	18.69 1.57 0.00	17.74 1.49 0.00	16.95 1.44 0.00	15.43 1.24 -0.83	14.41 1.25 0.00	13.65 1.16 0.00	13.43 1.13 0.00	15.31 1.17 -1.45	18.72 1.40 -2.40	23.87 1.94 -1.09	24.73 2.04 0.00	21.21 1.54 -3.15	19.73 1.51 -2.04	18.36 1.16 -4.16	18.24 0.92 -6.04
CRICKET___VALLEY_CC2 323757	17.52 0.90 -5.06	15.66 0.88 -3.67	14.72 0.84 -3.18	14.44 0.85 -2.87	14.44 0.85 -2.87	15.11 0.87 -3.14	17.34 0.94 -4.93	19.70 0.92 -7.43	18.61 1.54 0.00	18.69 1.57 0.00	17.74 1.49 0.00	16.95 1.44 0.00	15.43 1.24 -0.83	14.41 1.25 0.00	13.65 1.16 0.00	13.43 1.13 0.00	15.31 1.17 -1.45	18.72 1.40 -2.40	23.87 1.94 -1.09	24.73 2.04 0.00	21.21 1.54 -3.15	19.73 1.51 -2.04	18.36 1.16 -4.16	18.24 0.92 -6.04
CRICKET___VALLEY_CC3 323758	17.52 0.90 -5.06	15.66 0.88 -3.67	14.72 0.84 -3.18	14.44 0.85 -2.87	14.44 0.85 -2.87	15.11 0.87 -3.14	17.34 0.94 -4.93	19.70 0.92 -7.43	18.61 1.54 0.00	18.69 1.57 0.00	17.74 1.49 0.00	16.95 1.44 0.00	15.43 1.24 -0.83	14.41 1.25 0.00	13.65 1.16 0.00	13.43 1.13 0.00	15.31 1.17 -1.45	18.72 1.40 -2.40	23.87 1.94 -1.09	24.73 2.04 0.00	21.21 1.54 -3.15	19.73 1.51 -2.04	18.36 1.16 -4.16	18.24 0.92 -6.04
CRUCIBLE_METL_DRP 24180	12.21 0.14 -0.51	11.60 0.11 -0.37	11.12 0.11 -0.32	11.11 0.11 -0.29	11.11 0.11 -0.29	11.53 0.11 -0.32	12.08 0.11 -0.50	12.21 0.11 -0.75	17.21 0.14 0.00	17.25 0.14 0.00	16.38 0.13 0.00	15.64 0.12 0.00	13.52 0.08 -0.08	13.24 0.08 0.00	12.54 0.05 0.00	12.36 0.06 0.00	12.91 0.06 -0.15	15.26 0.09 -0.24	21.12 0.17 -0.11	22.89 0.20 0.00	16.94 0.10 -0.32	16.49 0.10 -0.21	13.56 0.09 -0.42	12.01 0.12 -0.61
DANC___LFGE 323619	11.57 -0.27 -0.27	11.04 -0.27 -0.19	10.58 -0.28 -0.17	10.59 -0.28 -0.15	10.60 -0.27 -0.15	11.00 -0.27 -0.17	11.44 -0.29 -0.26	11.46 -0.28 -0.39	16.67 -0.41 0.00	16.72 -0.39 0.00	15.86 -0.39 0.00	15.11 -0.40 0.00	13.03 -0.37 -0.04	12.78 -0.38 0.00	12.12 -0.36 0.00	11.94 -0.36 0.00	12.40 -0.37 -0.08	14.62 -0.43 -0.13	20.42 -0.48 -0.06	22.26 -0.43 0.00	16.26 -0.43 -0.17	15.89 -0.40 -0.11	12.91 -0.35 -0.22	11.32 -0.27 -0.32
DANSKAMMER___1 23586	17.44 0.96 -4.91	15.60 0.92 -3.56	14.66 0.88 -3.09	14.40 0.89 -2.79	14.39 0.88 -2.79	15.07 0.91 -3.05	17.23 0.97 -4.79	19.53 0.96 -7.22	18.70 1.62 0.00	18.75 1.64 0.00	17.81 1.56 0.00	17.00 1.49 0.00	15.46 1.30 -0.81	14.42 1.26 0.00	13.67 1.19 0.00	13.44 1.14 0.00	15.30 1.19 -1.41	18.72 1.46 -2.33	23.97 2.06 -1.06	24.87 2.18 0.00	21.22 1.64 -3.06	19.80 1.63 -1.98	18.31 1.23 -4.04	18.13 0.99 -5.87
DANSKAMMER___2 23589	17.44 0.96 -4.91	15.60 0.92 -3.56	14.66 0.88 -3.09	14.40 0.89 -2.79	14.39 0.88 -2.79	15.07 0.91 -3.05	17.23 0.97 -4.79	19.53 0.96 -7.22	18.70 1.62 0.00	18.75 1.64 0.00	17.81 1.56 0.00	17.00 1.49 0.00	15.46 1.30 -0.81	14.42 1.26 0.00	13.67 1.19 0.00	13.44 1.14 0.00	15.30 1.19 -1.41	18.72 1.46 -2.33	23.97 2.06 -1.06	24.87 2.18 0.00	21.22 1.64 -3.06	19.80 1.63 -1.98	18.31 1.23 -4.04	18.13 0.99 -5.87
DANSKAMMER___3 23590	17.44 0.96 -4.91	15.60 0.92 -3.56	14.66 0.88 -3.09	14.40 0.89 -2.79	14.39 0.88 -2.79	15.07 0.91 -3.05	17.23 0.97 -4.79	19.53 0.96 -7.22	18.70 1.62 0.00	18.75 1.64 0.00	17.81 1.56 0.00	17.00 1.49 0.00	15.46 1.30 -0.81	14.42 1.26 0.00	13.67 1.19 0.00	13.44 1.14 0.00	15.30 1.19 -1.41	18.72 1.46 -2.33	23.97 2.06 -1.06	24.87 2.18 0.00	21.22 1.64 -3.06	19.80 1.63 -1.98	18.31 1.23 -4.04	18.13 0.99 -5.87
DANSKAMMER___4 23591	17.44 0.96 -4.91	15.60 0.92 -3.56	14.66 0.88 -3.09	14.40 0.89 -2.79	14.39 0.88 -2.79	15.07 0.91 -3.05	17.23 0.97 -4.79	19.53 0.96 -7.22	18.70 1.62 0.00	18.75 1.64 0.00	17.81 1.56 0.00	17.00 1.49 0.00	15.46 1.30 -0.81	14.42 1.26 0.00	13.67 1.19 0.00	13.44 1.14 0.00	15.30 1.19 -1.41	18.72 1.46 -2.33	23.97 2.06 -1.06	24.87 2.18 0.00	21.22 1.64 -3.06	19.80 1.63 -1.98	18.31 1.23 -4.04	18.13 0.99 -5.87
DANSKAMMER___DIESEL 23592	17.44 0.96 -4.91	15.60 0.92 -3.56	14.66 0.88 -3.09	14.40 0.89 -2.79	14.39 0.88 -2.79	15.07 0.91 -3.05	17.23 0.97 -4.79	19.53 0.96 -7.22	18.70 1.62 0.00	18.75 1.64 0.00	17.81 1.56 0.00	17.00 1.49 0.00	15.46 1.30 -0.81	14.42 1.26 0.00	13.67 1.19 0.00	13.44 1.14 0.00	15.30 1.19 -1.41	18.72 1.46 -2.33	23.97 2.06 -1.06	24.87 2.18 0.00	21.22 1.64 -3.06	19.80 1.63 -1.98	18.31 1.23 -4.04	18.13 0.99 -5.87
DASHVILLE___HYD 23610	17.27 0.77 -4.93	15.43 0.74 -3.57	14.50 0.71 -3.10	14.23 0.72 -2.80	14.22 0.71 -2.80	14.89 0.72 -3.06	17.05 0.78 -4.80	19.35 0.76 -7.24	18.39 1.31 0.00	18.43 1.32 0.00	17.50 1.25 0.00	16.72 1.21 0.00	15.23 1.06 -0.81	14.19 1.03 0.00	13.45 0.96 0.00	13.22 0.92 0.00	15.07 0.96 -1.41	18.45 1.19 -2.33	23.59 1.69 -1.06	24.46 1.77 0.00	20.91 1.32 -3.07	19.50 1.33 -1.98	18.09 0.99 -4.05	17.96 0.80 -5.88
DELAWARE___LFGE 323621	14.23 0.51 -2.15	13.16 0.48 -1.56	12.50 0.45 -1.36	12.40 0.46 -1.22	12.40 0.46 -1.22	12.92 0.48 -1.34	14.10 0.54 -2.10	15.05 0.53 -3.17	17.95 0.87 0.00	18.00 0.89 0.00	17.08 0.83 0.00	16.29 0.78 0.00	14.38 0.67 -0.35	13.81 0.64 0.00	13.09 0.60 0.00	12.89 0.59 0.00	13.92 0.61 -0.62	16.69 0.75 -1.02	22.39 1.08 -0.47	23.87 1.18 0.00	18.71 0.84 -1.34	17.88 0.83 -0.87	15.43 0.61 -1.77	14.36 0.51 -2.57



DOGLEVILLE___HYD 23807	12.15 0.72 0.13	11.71 0.69 0.09	11.30 0.68 0.08	11.34 0.70 0.07	11.35 0.71 0.07	11.76 0.73 0.08	12.11 0.77 0.12	11.92 0.76 0.19	18.20 1.13 0.00	18.26 1.15 0.00	17.32 1.07 0.00	16.52 1.01 0.00	14.21 0.87 0.02	14.02 0.85 0.00	13.29 0.80 0.00	13.07 0.78 0.00	13.46 0.80 0.04	15.81 0.94 0.06	22.13 1.31 0.03	24.14 1.45 0.00	17.49 1.04 0.08	17.14 1.00 0.05	13.76 0.82 0.10	11.82 0.70 0.15
DUNKIRK___1 23563	12.87 0.47 -0.84	12.23 0.51 -0.61	11.71 0.49 -0.53	11.69 0.50 -0.48	11.69 0.50 -0.48	12.15 0.52 -0.52	12.99 0.71 -0.81	13.25 0.67 -1.23	17.78 0.70 0.00	17.88 0.77 0.00	17.10 0.84 0.00	16.24 0.73 0.00	14.07 0.57 -0.14	13.79 0.63 0.00	12.87 0.39 0.00	12.69 0.39 0.00	13.33 0.39 -0.24	15.80 0.48 -0.40	21.46 0.44 -0.18	23.26 0.57 0.00	17.44 0.40 -0.52	16.82 0.29 -0.34	13.95 0.22 -0.69	12.72 0.45 -1.00
DUNKIRK___2 23564	12.87 0.47 -0.84	12.23 0.51 -0.61	11.71 0.49 -0.53	11.69 0.50 -0.48	11.69 0.50 -0.48	12.15 0.52 -0.52	12.99 0.71 -0.81	13.25 0.67 -1.23	17.78 0.70 0.00	17.88 0.77 0.00	17.10 0.84 0.00	16.24 0.73 0.00	14.07 0.57 -0.14	13.79 0.63 0.00	12.87 0.39 0.00	12.69 0.39 0.00	13.33 0.39 -0.24	15.80 0.48 -0.40	21.46 0.44 -0.18	23.26 0.57 0.00	17.44 0.40 -0.52	16.82 0.29 -0.34	13.95 0.22 -0.69	12.72 0.45 -1.00
DUNKIRK___3 23565	12.80 0.40 -0.83	12.17 0.46 -0.60	11.64 0.43 -0.52	11.64 0.45 -0.47	11.64 0.45 -0.47	12.09 0.47 -0.52	12.91 0.63 -0.81	13.15 0.58 -1.22	17.66 0.58 0.00	17.76 0.65 0.00	16.96 0.71 0.00	16.13 0.62 0.00	13.98 0.48 -0.14	13.70 0.54 0.00	12.79 0.30 0.00	12.61 0.32 0.00	13.24 0.30 -0.24	15.71 0.39 -0.39	21.31 0.29 -0.18	23.10 0.41 0.00	17.34 0.30 -0.52	16.72 0.19 -0.34	13.87 0.14 -0.68	12.65 0.38 -0.99
DUNKIRK___4 23566	12.80 0.40 -0.83	12.17 0.46 -0.60	11.64 0.43 -0.52	11.64 0.45 -0.47	11.64 0.45 -0.47	12.09 0.47 -0.52	12.91 0.63 -0.81	13.15 0.58 -1.22	17.66 0.58 0.00	17.76 0.65 0.00	16.96 0.71 0.00	16.13 0.62 0.00	13.98 0.48 -0.14	13.70 0.54 0.00	12.79 0.30 0.00	12.61 0.32 0.00	13.24 0.30 -0.24	15.71 0.39 -0.39	21.31 0.29 -0.18	23.10 0.41 0.00	17.34 0.30 -0.52	16.72 0.19 -0.34	13.87 0.14 -0.68	12.65 0.38 -0.99
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.33 0.96 -4.81	15.52 0.92 -3.49	14.59 0.88 -3.02	14.34 0.89 -2.73	14.33 0.88 -2.73	14.99 0.90 -2.99	17.12 0.97 -4.68	19.37 0.96 -7.06	18.72 1.64 0.00	18.79 1.68 0.00	17.86 1.61 0.00	17.06 1.55 0.00	15.50 1.35 -0.79	14.49 1.33 0.00	13.74 1.25 0.00	13.50 1.21 0.00	15.32 1.24 -1.38	18.71 1.51 -2.28	23.98 2.10 -1.04	24.91 2.22 0.00	21.18 1.67 -2.99	19.79 1.67 -1.94	18.28 1.28 -3.95	18.03 1.02 -5.74
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.13 0.83 -4.73	15.35 0.80 -3.43	14.43 0.76 -2.98	14.17 0.76 -2.69	14.17 0.76 -2.69	14.82 0.78 -2.94	16.93 0.85 -4.61	19.14 0.84 -6.95	18.49 1.42 0.00	18.55 1.44 0.00	17.63 1.38 0.00	16.85 1.33 0.00	15.29 1.15 -0.78	14.29 1.13 0.00	13.55 1.06 0.00	13.33 1.03 0.00	15.11 1.05 -1.36	18.46 1.30 -2.24	23.68 1.81 -1.02	24.62 1.93 0.00	20.91 1.44 -2.94	19.53 1.44 -1.91	18.02 1.08 -3.89	17.79 0.87 -5.65
E179THST_138_KV_TB4_REV_LBMP_J 345001	17.36 0.99 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.01 0.93 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.79 1.72 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.40 1.33 -1.37	18.81 1.61 -2.27	24.12 2.25 -1.03	25.06 2.38 0.01	21.31 1.80 -2.98	19.94 1.81 -1.94	18.41 1.41 -3.95	18.12 1.11 -5.74
EAST HAMPTON___GT 23717	19.44 1.98 -5.90	16.46 1.86 -3.49	15.84 1.81 -3.34	15.54 1.81 -3.01	15.32 1.79 -2.82	16.30 1.90 -3.30	20.31 1.99 -6.85	25.38 2.04 -11.99	22.57 2.82 -2.68	20.49 2.69 -0.70	22.29 2.21 -3.83	21.68 2.30 -3.87	20.25 1.95 -4.94	19.88 1.94 -4.78	20.01 1.84 -5.69	21.12 1.82 -7.01	21.43 1.89 -6.85	27.03 2.36 -9.75	38.86 3.46 -14.56	34.86 3.74 -8.43	27.03 2.69 -7.81	28.53 2.65 -9.69	21.95 2.14 -6.76	20.98 1.85 -7.85
EAST RIVER___6 23660	17.42 1.05 -4.81	15.60 1.00 -3.49	14.67 0.95 -3.02	14.40 0.95 -2.73	14.40 0.95 -2.73	15.07 0.98 -2.99	17.20 1.05 -4.68	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.04 1.79 0.00	17.23 1.72 0.00	15.63 1.48 -0.79	14.63 1.47 0.00	13.86 1.37 0.00	13.62 1.33 0.00	15.45 1.37 -1.38	18.86 1.66 -2.28	24.17 2.29 -1.04	25.12 2.43 0.00	21.37 1.85 -2.99	19.95 1.83 -1.94	18.41 1.41 -3.95	18.13 1.12 -5.74
EAST RIVER___7 23524	17.42 1.05 -4.81	15.60 1.00 -3.49	14.67 0.95 -3.02	14.40 0.95 -2.73	14.40 0.95 -2.73	15.07 0.98 -2.99	17.20 1.05 -4.68	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.04 1.79 0.00	17.23 1.72 0.00	15.63 1.48 -0.79	14.63 1.47 0.00	13.86 1.37 0.00	13.62 1.33 0.00	15.45 1.37 -1.38	18.86 1.66 -2.28	24.17 2.29 -1.04	25.12 2.43 0.00	21.37 1.85 -2.99	19.95 1.83 -1.94	18.41 1.41 -3.95	18.13 1.12 -5.74
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.29 0.93 -4.81	15.49 0.89 -3.48	14.56 0.84 -3.02	14.29 0.85 -2.73	14.29 0.85 -2.73	14.96 0.87 -2.98	17.09 0.94 -4.68	19.34 0.93 -7.06	18.65 1.57 0.00	18.72 1.61 0.00	17.81 1.56 0.00	17.00 1.49 0.00	15.45 1.30 -0.79	14.44 1.28 0.00	13.69 1.20 0.00	13.46 1.17 0.00	15.27 1.19 -1.38	18.65 1.45 -2.28	23.90 2.02 -1.04	24.82 2.13 0.00	21.14 1.62 -2.99	19.73 1.60 -1.94	18.22 1.23 -3.95	17.98 0.97 -5.74
EAST_HAMPTON___DIESEL 23722	19.44 1.98 -5.90	16.46 1.86 -3.49	15.83 1.80 -3.34	15.54 1.81 -3.01	15.32 1.79 -2.82	16.30 1.90 -3.30	20.31 1.99 -6.85	25.38 2.04 -11.99	22.57 2.82 -2.68	20.49 2.69 -0.70	22.29 2.21 -3.83	21.67 2.28 -3.87	20.25 1.95 -4.94	19.88 1.94 -4.78	20.01 1.84 -5.69	21.11 1.81 -7.01	21.43 1.89 -6.85	27.03 2.36 -9.75	38.86 3.46 -14.56	34.86 3.74 -8.43	27.03 2.69 -7.81	28.53 2.65 -9.69	21.94 2.13 -6.76	20.98 1.85 -7.85
EAST_RIVER___1 323558	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	18.01 1.76 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.39 1.40 -3.95	18.12 1.11 -5.74
EAST_RIVER___2 323559	17.42 1.05 -4.81	15.60 1.00 -3.49	14.67 0.95 -3.02	14.40 0.95 -2.73	14.40 0.95 -2.73	15.07 0.98 -2.99	17.20 1.05 -4.68	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.04 1.79 0.00	17.23 1.72 0.00	15.63 1.48 -0.79	14.63 1.47 0.00	13.86 1.37 0.00	13.62 1.33 0.00	15.45 1.37 -1.38	18.86 1.66 -2.28	24.17 2.29 -1.04	25.12 2.43 0.00	21.37 1.85 -2.99	19.95 1.83 -1.94	18.41 1.41 -3.95	18.13 1.12 -5.74



EAST___DELAWARE_HYD 23607	16.69 0.77 -4.35	15.00 0.73 -3.16	14.13 0.71 -2.74	13.90 0.71 -2.47	13.90 0.71 -2.47	14.54 0.73 -2.70	16.50 0.79 -4.24	18.51 0.77 -6.39	18.41 1.33 0.00	18.45 1.34 0.00	17.50 1.25 0.00	16.71 1.19 0.00	15.12 1.04 -0.72	14.16 1.00 0.00	13.44 0.95 0.00	13.22 0.92 0.00	14.90 0.95 -1.25	18.18 1.19 -2.06	23.49 1.71 -0.94	24.50 1.82 0.00	20.57 1.34 -2.71	19.28 1.34 -1.75	17.61 0.99 -3.58	17.27 0.80 -5.20
ELEC_TRO_TEK 24086	18.62 1.16 -5.90	15.71 1.11 -3.49	15.10 1.07 -3.34	14.80 1.07 -3.01	14.59 1.06 -2.82	15.50 1.10 -3.30	19.50 1.18 -6.85	24.51 1.17 -11.99	21.67 1.91 -2.68	19.78 1.97 -0.70	22.35 1.85 -4.25	21.19 1.78 -3.89	19.89 1.59 -4.94	19.52 1.58 -4.78	19.65 1.47 -5.69	20.74 1.44 -7.01	21.00 1.43 -6.87	26.39 1.72 -9.75	37.78 2.37 -14.56	33.64 2.52 -8.43	26.24 1.90 -7.81	27.76 1.88 -9.69	21.32 1.51 -6.77	20.37 1.24 -7.85
ELLENBURG_WT_PWR 323604	10.65 -0.91 0.00	10.30 -0.81 0.00	9.93 -0.76 0.00	9.97 -0.75 0.00	10.02 -0.70 0.00	10.34 -0.77 0.00	10.61 -0.86 0.00	10.53 -0.82 0.00	15.85 -1.23 0.00	15.85 -1.27 0.00	15.03 -1.22 0.00	14.38 -1.13 0.00	12.41 -0.95 0.00	12.23 -0.93 0.00	11.65 -0.84 0.00	11.46 -0.84 0.00	11.84 -0.85 0.00	13.87 -1.06 0.00	19.34 -1.50 0.00	21.12 -1.57 0.00	15.42 -1.11 0.00	15.07 -1.12 0.00	12.11 -0.94 0.00	10.46 -0.81 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	12.54 0.18 -0.79	11.96 0.27 -0.57	11.46 0.27 -0.50	11.44 0.28 -0.45	11.44 0.28 -0.45	11.87 0.28 -0.49	12.66 0.42 -0.77	12.87 0.35 -1.16	17.33 0.26 0.00	17.42 0.31 0.00	16.64 0.39 0.00	15.82 0.31 0.00	13.72 0.23 -0.13	13.45 0.29 0.00	12.54 0.05 0.00	12.36 0.06 0.00	12.96 0.04 -0.23	15.36 0.06 -0.38	20.87 -0.14 -0.17	22.62 -0.07 0.00	16.95 -0.07 -0.49	16.36 -0.15 -0.32	13.58 -0.12 -0.65	12.40 0.18 -0.95
EMPIRE_CC_1 323656	18.27 0.76 -5.94	16.17 0.74 -4.31	15.14 0.72 -3.74	14.81 0.72 -3.38	14.81 0.72 -3.38	15.54 0.74 -3.69	18.06 0.80 -5.79	20.86 0.78 -8.73	18.31 1.23 0.00	18.34 1.23 0.00	17.42 1.17 0.00	16.63 1.12 0.00	15.31 0.97 -0.98	14.13 0.97 0.00	13.39 0.90 0.00	13.19 0.90 0.00	15.33 0.93 -1.71	18.80 1.06 -2.81	23.58 1.46 -1.28	24.25 1.56 0.00	21.38 1.16 -3.70	19.70 1.12 -2.39	18.84 0.91 -4.88	19.08 0.71 -7.09
EMPIRE_CC_2 323658	18.27 0.76 -5.94	16.17 0.74 -4.31	15.14 0.72 -3.74	14.81 0.72 -3.38	14.81 0.72 -3.38	15.54 0.74 -3.69	18.06 0.80 -5.79	20.86 0.78 -8.73	18.31 1.23 0.00	18.34 1.23 0.00	17.42 1.17 0.00	16.63 1.12 0.00	15.31 0.97 -0.98	14.13 0.97 0.00	13.39 0.90 0.00	13.19 0.90 0.00	15.33 0.93 -1.71	18.80 1.06 -2.81	23.58 1.46 -1.28	24.25 1.56 0.00	21.38 1.16 -3.70	19.70 1.12 -2.39	18.84 0.91 -4.88	19.08 0.71 -7.09
ERIE_WT_PWR 323693	12.67 0.30 -0.81	12.07 0.37 -0.59	11.57 0.36 -0.51	11.55 0.37 -0.46	11.55 0.37 -0.46	12.00 0.39 -0.50	12.78 0.53 -0.79	13.01 0.47 -1.19	17.50 0.43 0.00	17.59 0.48 0.00	16.80 0.55 0.00	15.98 0.46 0.00	13.85 0.36 -0.13	13.58 0.42 0.00	12.67 0.19 0.00	12.49 0.20 0.00	13.11 0.18 -0.23	15.53 0.22 -0.38	21.10 0.08 -0.18	22.87 0.18 0.00	17.16 0.13 -0.50	16.55 0.03 -0.33	13.74 0.03 -0.67	12.54 0.29 -0.97
ETNA_115_KV_TB1_REV_LBMP_C 345029	13.05 0.39 -1.09	12.28 0.37 -0.79	11.72 0.34 -0.69	11.69 0.35 -0.62	11.69 0.35 -0.62	12.16 0.38 -0.68	12.96 0.42 -1.07	13.38 0.42 -1.61	17.69 0.61 0.00	17.73 0.62 0.00	16.85 0.60 0.00	16.05 0.54 0.00	13.98 0.44 -0.18	13.58 0.42 0.00	12.86 0.37 0.00	12.66 0.37 0.00	13.40 0.39 -0.31	15.93 0.49 -0.52	21.83 0.75 -0.24	23.53 0.84 0.00	17.75 0.54 -0.68	17.15 0.52 -0.44	14.34 0.39 -0.90	12.96 0.38 -1.31
E_CANADA_CAP_HY 24051	20.24 0.10 -8.57	17.40 0.07 -6.21	16.16 0.08 -5.39	15.64 0.05 -4.87	15.66 0.08 -4.87	16.54 0.11 -5.32	19.97 0.15 -8.35	24.15 0.20 -12.59	17.54 0.46 0.00	17.54 0.43 0.00	16.54 0.29 0.00	15.71 0.20 0.00	14.94 0.17 -1.41	13.25 0.09 0.00	12.55 0.06 0.00	12.44 0.15 0.00	15.37 0.22 -2.46	19.42 0.43 -4.06	23.48 0.79 -1.85	23.64 0.95 0.00	22.42 0.56 -5.33	20.17 0.53 -3.45	20.38 0.29 -7.05	21.74 0.23 -10.24
E_CANADA_MHWK_HY 24050	12.15 0.72 0.13	11.71 0.69 0.09	11.30 0.68 0.08	11.34 0.70 0.07	11.35 0.71 0.07	11.76 0.73 0.08	12.11 0.77 0.12	11.92 0.76 0.19	18.20 1.13 0.00	18.26 1.15 0.00	17.32 1.07 0.00	16.52 1.01 0.00	14.21 0.87 0.02	14.02 0.85 0.00	13.29 0.80 0.00	13.07 0.78 0.00	13.46 0.80 0.04	15.81 0.94 0.06	22.13 1.31 0.03	24.14 1.45 0.00	17.49 1.04 0.08	17.14 1.00 0.05	13.76 0.82 0.10	11.82 0.70 0.15
E_FISHKILL___LBMP 23776	17.35 0.88 -4.91	15.52 0.84 -3.56	14.58 0.80 -3.09	14.31 0.80 -2.79	14.31 0.80 -2.79	14.97 0.82 -3.05	17.14 0.89 -4.78	19.44 0.89 -7.21	18.56 1.48 0.00	18.63 1.52 0.00	17.71 1.46 0.00	16.92 1.41 0.00	15.38 1.22 -0.81	14.37 1.21 0.00	13.61 1.12 0.00	13.39 1.09 0.00	15.23 1.13 -1.41	18.61 1.36 -2.32	23.80 1.90 -1.06	24.69 2.00 0.00	21.08 1.50 -3.05	19.65 1.49 -1.98	18.23 1.15 -4.03	18.05 0.91 -5.86
FAR ROCKAWAY___4 23548	18.82 1.35 -5.90	15.90 1.30 -3.49	15.28 1.25 -3.34	14.98 1.25 -3.01	14.77 1.24 -2.82	15.69 1.29 -3.30	19.71 1.39 -6.85	24.70 1.36 -11.99	21.98 2.22 -2.68	20.09 2.28 -0.70	23.19 2.13 -4.81	21.48 2.05 -3.92	20.12 1.82 -4.95	19.75 1.80 -4.79	19.86 1.69 -5.69	20.95 1.65 -7.01	21.23 1.64 -6.89	26.66 1.99 -9.75	38.15 2.75 -14.56	34.05 2.93 -8.43	26.55 2.22 -7.81	28.05 2.17 -9.69	21.58 1.76 -6.77	20.58 1.46 -7.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.42 1.05 -4.81	15.61 1.01 -3.49	14.67 0.95 -3.02	14.40 0.95 -2.73	14.40 0.95 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.68	19.48 1.07 -7.06	18.87 1.79 0.00	18.94 1.83 0.00	18.02 1.77 0.00	17.22 1.71 0.00	15.63 1.48 -0.79	14.63 1.47 0.00	13.85 1.36 0.00	13.62 1.33 0.00	15.45 1.37 -1.38	18.86 1.66 -2.28	24.17 2.29 -1.04	25.12 2.43 0.00	21.35 1.83 -2.99	19.95 1.83 -1.94	18.41 1.41 -3.95	18.13 1.12 -5.74
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.41 1.04 -4.81	15.60 1.00 -3.49	14.67 0.95 -3.02	14.40 0.95 -2.73	14.39 0.94 -2.73	15.07 0.98 -2.99	17.20 1.05 -4.68	19.47 1.06 -7.06	18.85 1.78 0.00	18.94 1.83 0.00	18.01 1.76 0.00	17.22 1.71 0.00	15.62 1.47 -0.79	14.62 1.46 0.00	13.85 1.36 0.00	13.61 1.32 0.00	15.43 1.36 -1.38	18.84 1.64 -2.28	24.15 2.27 -1.04	25.09 2.40 0.00	21.35 1.83 -2.99	19.94 1.81 -1.94	18.39 1.40 -3.95	18.12 1.11 -5.74
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.39 0.94 -2.73	15.06 0.97 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.93 1.81 0.00	18.01 1.76 0.00	17.20 1.69 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.84 1.35 0.00	13.61 1.32 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.33 1.82 -2.99	19.92 1.80 -1.94	18.39 1.40 -3.95	18.12 1.11 -5.74



FARRAGUT___LBMP 323566	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.04 0.96 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.91 1.80 0.00	17.99 1.74 0.00	17.19 1.68 0.00	15.59 1.44 -0.79	14.60 1.43 0.00	13.82 1.34 0.00	13.60 1.30 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.05 2.36 0.00	21.32 1.80 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
FENNER___WINDPWR 24204	12.40 0.30 -0.54	11.77 0.27 -0.39	11.28 0.25 -0.34	11.27 0.25 -0.31	11.28 0.26 -0.31	11.72 0.28 -0.33	12.29 0.30 -0.52	12.45 0.31 -0.79	17.54 0.46 0.00	17.59 0.48 0.00	16.70 0.45 0.00	15.91 0.40 0.00	13.78 0.33 -0.09	13.48 0.32 0.00	12.77 0.29 0.00	12.58 0.28 0.00	13.14 0.29 -0.15	15.54 0.36 -0.25	21.52 0.56 -0.12	23.35 0.66 0.00	17.27 0.41 -0.33	16.81 0.40 -0.22	13.79 0.30 -0.44	12.19 0.27 -0.64
FIBERTEK___ENERGY 23856	12.21 0.14 -0.51	11.60 0.11 -0.37	11.12 0.11 -0.32	11.11 0.11 -0.29	11.11 0.11 -0.29	11.53 0.11 -0.32	12.08 0.11 -0.50	12.21 0.11 -0.75	17.21 0.14 0.00	17.25 0.14 0.00	16.38 0.13 0.00	15.64 0.12 0.00	13.52 0.08 -0.08	13.24 0.08 0.00	12.54 0.05 0.00	12.36 0.06 0.00	12.91 0.06 -0.15	15.26 0.09 -0.24	21.12 0.17 -0.11	22.89 0.20 0.00	16.94 0.10 -0.32	16.49 0.10 -0.21	13.56 0.09 -0.42	12.01 0.12 -0.61
FITZPATRICK____ 23598	11.67 -0.19 -0.30	11.14 -0.19 -0.21	10.70 -0.18 -0.19	10.70 -0.18 -0.17	10.70 -0.18 -0.17	11.09 -0.20 -0.18	11.54 -0.22 -0.29	11.56 -0.23 -0.43	16.68 -0.39 0.00	16.72 -0.39 0.00	15.88 -0.37 0.00	15.16 -0.36 0.00	13.09 -0.32 -0.05	12.84 -0.32 0.00	12.19 -0.30 0.00	12.00 -0.30 0.00	12.47 -0.30 -0.08	14.71 -0.36 -0.14	20.40 -0.50 -0.06	22.17 -0.52 0.00	16.30 -0.41 -0.18	15.92 -0.39 -0.12	13.00 -0.29 -0.24	11.43 -0.20 -0.35
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.47 0.98 -4.92	15.63 0.94 -3.57	14.69 0.90 -3.10	14.43 0.91 -2.80	14.42 0.90 -2.80	15.10 0.93 -3.06	17.26 1.00 -4.80	19.57 0.99 -7.23	18.73 1.66 0.00	18.79 1.68 0.00	17.84 1.59 0.00	17.03 1.52 0.00	15.49 1.32 -0.81	14.45 1.29 0.00	13.70 1.21 0.00	13.46 1.17 0.00	15.33 1.22 -1.41	18.75 1.49 -2.33	24.01 2.10 -1.06	24.94 2.25 0.00	21.26 1.67 -3.06	19.84 1.67 -1.98	18.35 1.25 -4.05	18.17 1.02 -5.88
FORT ORANGE____ 23900	18.40 0.79 -6.05	16.26 0.76 -4.39	15.22 0.73 -3.80	14.88 0.73 -3.44	14.88 0.73 -3.44	15.62 0.76 -3.76	18.18 0.81 -5.90	21.04 0.81 -8.89	18.24 1.16 0.00	18.29 1.18 0.00	17.36 1.11 0.00	16.57 1.06 0.00	15.26 0.91 -1.00	14.06 0.90 0.00	13.32 0.84 0.00	13.13 0.84 0.00	15.30 0.86 -1.74	18.73 0.94 -2.87	23.44 1.29 -1.31	24.07 1.38 0.00	21.31 1.02 -3.76	19.66 1.04 -2.44	18.88 0.86 -4.97	19.15 0.65 -7.22
FORT_DRUM_COGEN 23780	11.40 -0.34 -0.18	10.91 -0.33 -0.13	10.46 -0.34 -0.11	10.47 -0.34 -0.10	10.50 -0.32 -0.10	10.90 -0.31 -0.11	11.31 -0.33 -0.17	11.28 -0.33 -0.26	16.65 -0.43 0.00	16.70 -0.41 0.00	15.83 -0.42 0.00	15.06 -0.45 0.00	12.97 -0.41 -0.03	12.71 -0.45 0.00	12.06 -0.42 0.00	11.89 -0.41 0.00	12.31 -0.43 -0.05	14.52 -0.49 -0.08	20.38 -0.50 -0.04	22.28 -0.41 0.00	16.19 -0.45 -0.11	15.82 -0.44 -0.07	12.77 -0.42 -0.15	11.14 -0.35 -0.21
FPL_FAR_ROCK_GT1 24212	18.82 1.35 -5.90	15.90 1.30 -3.49	15.28 1.25 -3.34	14.98 1.25 -3.01	14.77 1.24 -2.82	15.69 1.29 -3.30	19.71 1.39 -6.85	24.70 1.36 -11.99	21.98 2.22 -2.68	20.09 2.28 -0.70	23.19 2.13 -4.81	21.48 2.05 -3.92	20.12 1.82 -4.95	19.75 1.80 -4.79	19.86 1.69 -5.69	20.95 1.65 -7.01	21.23 1.64 -6.89	26.66 1.99 -9.75	38.15 2.75 -14.56	34.05 2.93 -8.43	26.55 2.22 -7.81	28.05 2.17 -9.69	21.58 1.76 -6.77	20.58 1.46 -7.85
FPL_FAR_ROCK_GT2 23815	18.82 1.35 -5.90	15.90 1.30 -3.49	15.28 1.25 -3.34	14.98 1.25 -3.01	14.77 1.24 -2.82	15.69 1.29 -3.30	19.71 1.39 -6.85	24.70 1.36 -11.99	21.98 2.22 -2.68	20.09 2.28 -0.70	23.19 2.13 -4.81	21.48 2.05 -3.92	20.12 1.82 -4.95	19.75 1.80 -4.79	19.86 1.69 -5.69	20.95 1.65 -7.01	21.23 1.64 -6.89	26.66 1.99 -9.75	38.15 2.75 -14.56	34.05 2.93 -8.43	26.55 2.22 -7.81	28.05 2.17 -9.69	21.58 1.76 -6.77	20.58 1.46 -7.85
FRANKLIN_FALL_HYD 24054	10.60 -0.96 0.00	10.27 -0.85 0.00	9.90 -0.79 0.00	9.93 -0.78 0.00	10.01 -0.71 0.00	10.32 -0.79 0.00	10.55 -0.92 0.00	10.49 -0.86 0.00	15.81 -1.26 0.00	15.76 -1.35 0.00	14.95 -1.30 0.00	14.32 -1.19 0.00	12.34 -1.02 0.00	12.16 -1.00 0.00	11.61 -0.87 0.00	11.42 -0.87 0.00	11.83 -0.86 0.00	13.82 -1.10 0.00	19.30 -1.54 0.00	21.14 -1.54 0.00	15.42 -1.11 0.00	15.07 -1.12 0.00	12.08 -0.97 0.00	10.43 -0.85 0.00
FREEPORT_EQUS_GT1 23764	18.74 1.27 -5.90	15.82 1.22 -3.49	15.21 1.18 -3.34	14.91 1.18 -3.01	14.70 1.17 -2.82	15.60 1.20 -3.30	19.62 1.30 -6.85	24.62 1.28 -11.99	21.84 2.08 -2.68	19.93 2.12 -0.70	22.43 1.98 -4.19	21.31 1.91 -3.89	20.00 1.70 -4.94	19.63 1.68 -4.78	19.75 1.57 -5.69	20.84 1.54 -7.01	21.11 1.55 -6.87	26.54 1.87 -9.75	37.98 2.58 -14.56	33.86 2.74 -8.43	26.40 2.07 -7.81	27.92 2.04 -9.69	21.47 1.66 -6.77	20.49 1.36 -7.85
FREEPORT___CT2 23818	18.74 1.27 -5.90	15.82 1.22 -3.49	15.21 1.18 -3.34	14.91 1.18 -3.01	14.70 1.17 -2.82	15.60 1.20 -3.30	19.62 1.30 -6.85	24.62 1.28 -11.99	21.84 2.08 -2.68	19.93 2.12 -0.70	22.43 1.98 -4.19	21.31 1.91 -3.89	20.00 1.70 -4.94	19.63 1.68 -4.78	19.75 1.57 -5.69	20.84 1.54 -7.01	21.11 1.55 -6.87	26.54 1.87 -9.75	37.98 2.58 -14.56	33.86 2.74 -8.43	26.40 2.07 -7.81	27.92 2.04 -9.69	21.47 1.66 -6.77	20.49 1.36 -7.85
FULTON COGEN____ 23766	11.92 -0.02 -0.38	11.35 -0.04 -0.27	10.88 -0.05 -0.24	10.88 -0.05 -0.22	10.88 -0.05 -0.22	11.28 -0.06 -0.24	11.77 -0.07 -0.37	11.83 -0.08 -0.56	16.92 -0.15 0.00	16.96 -0.15 0.00	16.12 -0.13 0.00	15.37 -0.14 0.00	13.29 -0.13 -0.06	13.03 -0.13 0.00	12.35 -0.14 0.00	12.16 -0.13 0.00	12.66 -0.14 -0.11	14.95 -0.15 -0.18	20.76 -0.17 -0.08	22.51 -0.18 0.00	16.58 -0.18 -0.24	16.18 -0.16 -0.15	13.25 -0.10 -0.31	11.68 -0.04 -0.45
FULTON___LFGE 323630	20.89 0.75 -8.57	18.01 0.68 -6.21	16.75 0.66 -5.39	16.22 0.63 -4.87	16.25 0.66 -4.87	17.16 0.73 -5.32	20.61 0.79 -8.35	24.81 0.87 -12.59	18.60 1.52 0.00	18.57 1.45 0.00	17.42 1.17 0.00	16.52 1.01 0.00	15.65 0.88 -1.41	13.90 0.74 0.00	13.16 0.67 0.00	13.11 0.81 0.00	16.13 0.98 -2.46	20.43 1.45 -4.06	24.96 2.27 -1.85	25.30 2.61 0.00	23.56 1.70 -5.33	21.27 1.63 -3.45	21.19 1.10 -7.05	22.43 0.92 -10.24
G.F.CEMENT___DRP 24184	19.16 0.97 -6.62	16.84 0.92 -4.80	15.75 0.90 -4.16	15.37 0.89 -3.76	15.38 0.90 -3.76	16.16 0.94 -4.11	18.91 1.00 -6.45	22.08 1.01 -9.72	18.72 1.64 0.00	18.77 1.66 0.00	17.74 1.49 0.00	16.89 1.38 0.00	15.65 1.20 -1.09	14.31 1.14 0.00	13.55 1.06 0.00	13.39 1.09 0.00	15.78 1.18 -1.90	19.54 1.48 -3.14	24.37 2.10 -1.43	25.00 2.32 0.00	22.28 1.64 -4.12	20.42 1.57 -2.67	19.71 1.23 -5.44	20.18 1.00 -7.91



GARDENVILLE___LBMP 24039	12.62 0.24 -0.81	12.01 0.31 -0.59	11.51 0.31 -0.51	11.50 0.32 -0.46	11.51 0.33 -0.46	11.94 0.33 -0.50	12.72 0.47 -0.79	12.95 0.41 -1.19	17.42 0.34 0.00	17.51 0.39 0.00	16.72 0.47 0.00	15.90 0.39 0.00	13.77 0.28 -0.13	13.50 0.34 0.00	12.61 0.12 0.00	12.43 0.14 0.00	13.04 0.11 -0.23	15.46 0.15 -0.38	20.99 -0.02 -0.17	22.76 0.07 0.00	17.08 0.05 -0.50	16.46 -0.05 -0.33	13.67 -0.04 -0.66	12.48 0.24 -0.97
GENERAL___MILLS 23808	12.66 0.29 -0.81	12.06 0.36 -0.59	11.55 0.35 -0.51	11.54 0.36 -0.46	11.54 0.36 -0.46	11.99 0.38 -0.50	12.77 0.52 -0.79	13.00 0.45 -1.19	17.49 0.41 0.00	17.57 0.46 0.00	16.79 0.54 0.00	15.96 0.45 0.00	13.83 0.33 -0.13	13.56 0.39 0.00	12.66 0.17 0.00	12.48 0.18 0.00	13.09 0.16 -0.23	15.52 0.21 -0.38	21.08 0.06 -0.18	22.85 0.16 0.00	17.15 0.12 -0.50	16.53 0.02 -0.33	13.73 0.01 -0.67	12.53 0.28 -0.97
GE_PLASTICS___DRP 24183	18.31 0.69 -6.05	16.18 0.68 -4.39	15.15 0.65 -3.81	14.81 0.65 -3.44	14.81 0.65 -3.44	15.54 0.68 -3.76	18.09 0.72 -5.90	20.95 0.70 -8.89	18.12 1.04 0.00	18.17 1.06 0.00	17.26 1.01 0.00	16.47 0.96 0.00	15.18 0.83 -1.00	13.98 0.82 0.00	13.25 0.76 0.00	13.05 0.75 0.00	15.22 0.79 -1.74	18.66 0.87 -2.87	23.36 1.21 -1.31	23.98 1.29 0.00	21.23 0.94 -3.77	19.58 0.95 -2.44	18.81 0.78 -4.98	19.11 0.61 -7.23
GILBOA___1 23756	16.86 0.58 -4.72	15.09 0.56 -3.42	14.19 0.53 -2.97	13.93 0.54 -2.68	13.93 0.54 -2.68	14.59 0.55 -2.93	16.66 0.60 -4.60	18.87 0.59 -6.93	18.01 0.94 0.00	18.07 0.96 0.00	17.18 0.93 0.00	16.40 0.88 0.00	14.90 0.76 -0.78	13.91 0.75 0.00	13.19 0.70 0.00	12.98 0.69 0.00	14.76 0.71 -1.35	18.00 0.84 -2.24	23.03 1.17 -1.02	23.94 1.25 0.00	20.38 0.92 -2.94	18.99 0.91 -1.90	17.64 0.72 -3.88	17.47 0.56 -5.63
GILBOA___2 23757	16.86 0.58 -4.72	15.09 0.56 -3.42	14.19 0.53 -2.97	13.93 0.54 -2.68	13.93 0.54 -2.68	14.59 0.55 -2.93	16.66 0.60 -4.60	18.87 0.59 -6.93	18.01 0.94 0.00	18.07 0.96 0.00	17.18 0.93 0.00	16.40 0.88 0.00	14.90 0.76 -0.78	13.91 0.75 0.00	13.19 0.70 0.00	12.98 0.69 0.00	14.76 0.71 -1.35	18.00 0.84 -2.24	23.03 1.17 -1.02	23.94 1.25 0.00	20.38 0.92 -2.94	18.99 0.91 -1.90	17.64 0.72 -3.88	17.47 0.56 -5.63
GILBOA___3 23758	16.86 0.58 -4.72	15.09 0.56 -3.42	14.19 0.53 -2.97	13.93 0.54 -2.68	13.93 0.54 -2.68	14.59 0.55 -2.93	16.66 0.60 -4.60	18.87 0.59 -6.93	18.01 0.94 0.00	18.07 0.96 0.00	17.18 0.93 0.00	16.40 0.88 0.00	14.90 0.76 -0.78	13.91 0.75 0.00	13.19 0.70 0.00	12.98 0.69 0.00	14.76 0.71 -1.35	18.00 0.84 -2.24	23.03 1.17 -1.02	23.94 1.25 0.00	20.38 0.92 -2.94	18.99 0.91 -1.90	17.64 0.72 -3.88	17.47 0.56 -5.63
GILBOA___4 23759	16.86 0.58 -4.72	15.09 0.56 -3.42	14.19 0.53 -2.97	13.93 0.54 -2.68	13.93 0.54 -2.68	14.59 0.55 -2.93	16.66 0.60 -4.60	18.87 0.59 -6.93	18.01 0.94 0.00	18.07 0.96 0.00	17.18 0.93 0.00	16.40 0.88 0.00	14.90 0.76 -0.78	13.91 0.75 0.00	13.19 0.70 0.00	12.98 0.69 0.00	14.76 0.71 -1.35	18.00 0.84 -2.24	23.03 1.17 -1.02	23.94 1.25 0.00	20.38 0.92 -2.94	18.99 0.91 -1.90	17.64 0.72 -3.88	17.47 0.56 -5.63
GILBOA___ 23599	16.86 0.58 -4.72	15.09 0.56 -3.42	14.19 0.53 -2.97	13.93 0.54 -2.68	13.93 0.54 -2.68	14.59 0.55 -2.93	16.66 0.60 -4.60	18.87 0.59 -6.93	18.01 0.94 0.00	18.07 0.96 0.00	17.18 0.93 0.00	16.40 0.88 0.00	14.90 0.76 -0.78	13.91 0.75 0.00	13.19 0.70 0.00	12.98 0.69 0.00	14.76 0.71 -1.35	18.00 0.84 -2.24	23.03 1.17 -1.02	23.94 1.25 0.00	20.38 0.92 -2.94	18.99 0.91 -1.90	17.64 0.72 -3.88	17.47 0.56 -5.63
GINNA___ 23603	11.71 -0.43 -0.57	11.15 -0.38 -0.41	10.69 -0.36 -0.36	10.68 -0.36 -0.32	10.68 -0.36 -0.32	11.06 -0.40 -0.35	11.61 -0.41 -0.56	11.74 -0.44 -0.84	16.31 -0.77 0.00	16.36 -0.75 0.00	15.55 -0.70 0.00	14.83 -0.68 0.00	12.83 -0.63 -0.09	12.58 -0.58 0.00	11.90 -0.59 0.00	11.73 -0.57 0.00	12.27 -0.58 -0.16	14.51 -0.69 -0.27	20.01 -0.96 -0.12	21.69 -1.00 0.00	16.09 -0.79 -0.35	15.62 -0.79 -0.23	12.86 -0.65 -0.47	11.53 -0.43 -0.68
GLEN PARK___ 23778	11.43 -0.32 -0.19	10.93 -0.32 -0.14	10.48 -0.33 -0.12	10.49 -0.33 -0.11	10.50 -0.32 -0.11	10.92 -0.30 -0.12	11.33 -0.32 -0.18	11.32 -0.31 -0.28	16.68 -0.39 0.00	16.74 -0.38 0.00	15.88 -0.37 0.00	15.08 -0.43 0.00	13.00 -0.39 -0.03	12.74 -0.42 0.00	12.09 -0.40 0.00	11.90 -0.39 0.00	12.34 -0.41 -0.05	14.54 -0.48 -0.09	20.44 -0.44 -0.04	22.35 -0.34 0.00	16.23 -0.41 -0.12	15.86 -0.40 -0.08	12.80 -0.40 -0.16	11.17 -0.33 -0.23
GLENWOOD_IC_1_G5 23712	18.60 1.13 -5.90	15.69 1.09 -3.49	15.08 1.05 -3.34	14.78 1.05 -3.01	14.57 1.04 -2.82	15.48 1.08 -3.30	19.48 1.16 -6.85	24.50 1.16 -11.99	21.65 1.90 -2.68	19.76 1.95 -0.70	22.18 1.87 -4.06	21.19 1.80 -3.88	19.88 1.58 -4.94	19.51 1.57 -4.78	19.63 1.46 -5.69	20.73 1.43 -7.01	20.99 1.43 -6.86	26.40 1.73 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.25 1.92 -7.81	27.79 1.91 -9.69	21.31 1.50 -6.77	20.35 1.22 -7.85
GLENWOOD_IC_2_G1 23688	18.54 1.08 -5.90	15.64 1.03 -3.49	15.01 0.98 -3.34	14.71 0.99 -3.01	14.52 0.99 -2.82	15.41 1.01 -3.30	19.41 1.09 -6.85	24.42 1.08 -11.99	21.55 1.79 -2.68	19.64 1.83 -0.70	21.94 1.77 -3.92	21.09 1.71 -3.88	19.78 1.48 -4.94	19.42 1.47 -4.78	19.55 1.37 -5.69	20.64 1.34 -7.01	20.91 1.36 -6.85	26.32 1.64 -9.75	37.67 2.27 -14.56	33.55 2.43 -8.43	26.15 1.82 -7.81	27.69 1.81 -9.69	21.22 1.41 -6.76	20.27 1.14 -7.85
GLENWOOD_IC_3_G1 23689	18.54 1.08 -5.90	15.64 1.03 -3.49	15.01 0.98 -3.34	14.71 0.99 -3.01	14.52 0.99 -2.82	15.41 1.01 -3.30	19.41 1.09 -6.85	24.42 1.08 -11.99	21.55 1.79 -2.68	19.64 1.83 -0.70	21.94 1.77 -3.92	21.09 1.71 -3.88	19.78 1.48 -4.94	19.42 1.47 -4.78	19.55 1.37 -5.69	20.64 1.34 -7.01	20.91 1.36 -6.85	26.32 1.64 -9.75	37.67 2.27 -14.56	33.55 2.43 -8.43	26.15 1.82 -7.81	27.69 1.81 -9.69	21.22 1.41 -6.76	20.27 1.14 -7.85
GLENWOOD___4 23550	18.60 1.13 -5.90	15.69 1.09 -3.49	15.08 1.05 -3.34	14.78 1.05 -3.01	14.57 1.04 -2.82	15.48 1.08 -3.30	19.48 1.16 -6.85	24.50 1.16 -11.99	21.65 1.90 -2.68	19.76 1.95 -0.70	22.18 1.87 -4.06	21.19 1.80 -3.88	19.88 1.58 -4.94	19.51 1.57 -4.78	19.63 1.46 -5.69	20.73 1.43 -7.01	20.99 1.43 -6.86	26.40 1.73 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.25 1.92 -7.81	27.79 1.91 -9.69	21.31 1.50 -6.77	20.35 1.22 -7.85
GLENWOOD___5 23614	18.60 1.13 -5.90	15.69 1.09 -3.49	15.08 1.05 -3.34	14.78 1.05 -3.01	14.57 1.04 -2.82	15.48 1.08 -3.30	19.48 1.16 -6.85	24.50 1.16 -11.99	21.65 1.90 -2.68	19.76 1.95 -0.70	22.18 1.87 -4.06	21.19 1.80 -3.88	19.88 1.58 -4.94	19.51 1.57 -4.78	19.63 1.46 -5.69	20.73 1.43 -7.01	20.99 1.43 -6.86	26.40 1.73 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.25 1.92 -7.81	27.79 1.91 -9.69	21.31 1.50 -6.77	20.35 1.22 -7.85



GLOBAL GREEN_PORT_GT1 23814	19.48 2.01 -5.90	16.50 1.90 -3.49	15.87 1.84 -3.34	15.58 1.85 -3.01	15.35 1.82 -2.82	16.33 1.93 -3.30	20.36 2.04 -6.85	25.41 2.08 -11.99	22.64 2.89 -2.68	20.55 2.74 -0.70	22.35 2.27 -3.83	21.73 2.34 -3.87	20.29 1.99 -4.94	19.91 1.97 -4.78	20.05 1.87 -5.69	21.16 1.86 -7.01	21.47 1.93 -6.85	27.09 2.42 -9.75	38.94 3.54 -14.56	34.93 3.81 -8.43	27.08 2.74 -7.81	28.58 2.70 -9.69	21.99 2.18 -6.76	21.01 1.88 -7.85
GLOBE___DSASP 323697	12.06 -0.25 -0.75	11.55 -0.11 -0.54	11.12 -0.04 -0.47	11.11 -0.03 -0.42	11.12 -0.02 -0.42	11.47 -0.10 -0.46	12.01 -0.18 -0.73	12.17 -0.27 -1.10	16.36 -0.72 0.00	16.44 -0.67 0.00	15.68 -0.57 0.00	14.94 -0.57 0.00	12.96 -0.52 -0.12	12.73 -0.43 0.00	12.00 -0.49 0.00	11.85 -0.44 0.00	12.41 -0.50 -0.21	14.68 -0.60 -0.35	19.94 -1.06 -0.16	21.60 -1.09 0.00	16.20 -0.79 -0.46	15.65 -0.84 -0.30	13.01 -0.65 -0.61	11.93 -0.24 -0.89
GOETHSLN___LBMP 323567	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.04 0.96 -2.99	17.18 1.03 -4.68	19.44 1.03 -7.06	18.82 1.74 0.00	18.91 1.80 0.00	17.99 1.74 0.00	17.19 1.68 0.00	15.59 1.44 -0.79	14.61 1.45 0.00	13.82 1.34 0.00	13.60 1.30 0.00	15.42 1.35 -1.38	18.81 1.61 -2.28	24.11 2.23 -1.04	25.05 2.36 0.00	21.32 1.80 -2.99	19.90 1.78 -1.94	18.38 1.38 -3.95	18.10 1.08 -5.74
GOODYEAR_LAKE_HYD 323669	13.67 0.49 -1.62	12.75 0.46 -1.18	12.14 0.43 -1.02	12.07 0.43 -0.92	12.08 0.44 -0.92	12.58 0.47 -1.01	13.58 0.53 -1.58	14.27 0.53 -2.39	17.98 0.90 0.00	18.02 0.91 0.00	17.10 0.84 0.00	16.27 0.76 0.00	14.28 0.65 -0.27	13.78 0.62 0.00	13.05 0.56 0.00	12.86 0.57 0.00	13.76 0.60 -0.47	16.45 0.76 -0.77	22.34 1.15 -0.35	23.98 1.29 0.00	18.41 0.88 -1.01	17.68 0.84 -0.65	14.98 0.60 -1.33	13.72 0.51 -1.94
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	13.54 0.39 -1.58	12.63 0.37 -1.15	12.04 0.35 -1.00	11.97 0.35 -0.90	11.98 0.36 -0.90	12.47 0.38 -0.98	13.44 0.44 -1.54	14.10 0.42 -2.33	17.66 0.58 0.00	17.71 0.60 0.00	16.83 0.58 0.00	16.05 0.54 0.00	14.07 0.45 -0.26	13.61 0.45 0.00	12.87 0.39 0.00	12.68 0.38 0.00	13.54 0.39 -0.45	16.17 0.49 -0.75	21.85 0.67 -0.34	23.44 0.75 0.00	18.02 0.51 -0.99	17.33 0.50 -0.64	14.73 0.38 -1.30	13.54 0.37 -1.89
GOUDEY___7 23579	13.54 0.39 -1.58	12.64 0.38 -1.15	12.05 0.36 -1.00	11.98 0.36 -0.90	11.98 0.36 -0.90	12.47 0.38 -0.98	13.44 0.44 -1.54	14.11 0.43 -2.33	17.67 0.60 0.00	17.73 0.62 0.00	16.85 0.60 0.00	16.07 0.56 0.00	14.07 0.45 -0.26	13.61 0.45 0.00	12.87 0.39 0.00	12.68 0.38 0.00	13.56 0.41 -0.45	16.18 0.51 -0.75	21.87 0.69 -0.34	23.46 0.77 0.00	18.04 0.53 -0.99	17.33 0.50 -0.64	14.74 0.39 -1.30	13.55 0.38 -1.89
GOUDEY___8 23580	13.54 0.39 -1.58	12.63 0.37 -1.15	12.04 0.35 -1.00	11.97 0.35 -0.90	11.98 0.36 -0.90	12.47 0.38 -0.98	13.44 0.44 -1.54	14.10 0.42 -2.33	17.66 0.58 0.00	17.71 0.60 0.00	16.83 0.58 0.00	16.05 0.54 0.00	14.07 0.45 -0.26	13.61 0.45 0.00	12.87 0.39 0.00	12.68 0.38 0.00	13.54 0.39 -0.45	16.17 0.49 -0.75	21.85 0.67 -0.34	23.44 0.75 0.00	18.02 0.51 -0.99	17.33 0.50 -0.64	14.73 0.38 -1.30	13.54 0.37 -1.89
GOWANUS_GT1_1 24077	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT1_2 24078	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT1_3 24079	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT1_4 24080	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT1_5 24084	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT1_6 24111	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT1_7 24112	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT1_8 24113	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74



GOWANUS_GT2_1 24114	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT2_2 24115	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT2_3 24116	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT2_4 24117	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT2_5 24118	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT2_6 24119	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT2_7 24120	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT2_8 24121	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT3_1 24122	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT3_2 24123	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT3_3 24124	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT3_4 24125	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT3_5 24126	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT3_6 24127	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT3_7 24128	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74



GOWANUS_GT3_8 24129	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT4_1 24130	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT4_2 24131	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT4_3 24132	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT4_4 24133	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT4_5 24134	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT4_6 24135	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT4_7 24136	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GOWANUS_GT4_8 24137	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GREENIDGE___3 23582	12.94 0.42 -0.96	12.21 0.40 -0.70	11.68 0.38 -0.61	11.65 0.39 -0.55	11.66 0.40 -0.55	12.11 0.41 -0.60	12.89 0.48 -0.94	13.24 0.48 -1.42	17.69 0.61 0.00	17.75 0.63 0.00	16.87 0.62 0.00	16.07 0.56 0.00	13.95 0.43 -0.16	13.58 0.42 0.00	12.81 0.32 0.00	12.63 0.33 0.00	13.34 0.37 -0.28	15.86 0.48 -0.46	21.74 0.69 -0.21	23.48 0.79 0.00	17.62 0.50 -0.60	17.01 0.44 -0.39	14.15 0.31 -0.79	12.81 0.38 -1.15
GREENIDGE___4 23583	12.94 0.42 -0.96	12.21 0.40 -0.70	11.68 0.38 -0.61	11.65 0.39 -0.55	11.66 0.40 -0.55	12.11 0.41 -0.60	12.89 0.48 -0.94	13.24 0.48 -1.42	17.69 0.61 0.00	17.75 0.63 0.00	16.87 0.62 0.00	16.07 0.56 0.00	13.95 0.43 -0.16	13.58 0.42 0.00	12.81 0.32 0.00	12.63 0.33 0.00	13.34 0.37 -0.28	15.86 0.48 -0.46	21.74 0.69 -0.21	23.48 0.79 0.00	17.62 0.50 -0.60	17.01 0.44 -0.39	14.15 0.31 -0.79	12.81 0.38 -1.15
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
GROVEVILLE___HYD 323602	17.47 0.98 -4.92	15.63 0.94 -3.57	14.69 0.90 -3.10	14.43 0.91 -2.80	14.42 0.90 -2.80	15.10 0.93 -3.06	17.26 1.00 -4.80	19.57 0.99 -7.23	18.73 1.66 0.00	18.79 1.68 0.00	17.84 1.59 0.00	17.03 1.52 0.00	15.49 1.32 -0.81	14.45 1.29 0.00	13.70 1.21 0.00	13.46 1.17 0.00	15.33 1.22 -1.41	18.75 1.49 -2.33	24.01 2.10 -1.06	24.94 2.25 0.00	21.26 1.67 -3.06	19.84 1.67 -1.98	18.35 1.25 -4.05	18.17 1.02 -5.88
HAMPSHIRE___PAPER_HYD 323593	10.63 -0.94 0.00	10.29 -0.82 0.00	9.91 -0.78 0.00	9.93 -0.78 0.00	9.96 -0.76 0.00	10.30 -0.80 0.00	10.54 -0.93 0.00	10.44 -0.91 0.00	15.76 -1.31 0.00	15.78 -1.33 0.00	14.97 -1.28 0.00	14.27 -1.24 0.00	12.29 -1.07 0.00	12.08 -1.08 0.00	11.49 -1.00 0.00	11.31 -0.98 0.00	11.69 -1.00 0.00	13.72 -1.21 0.00	19.28 -1.56 0.00	21.08 -1.61 0.00	15.29 -1.24 0.00	14.97 -1.21 0.00	12.02 -1.03 0.00	10.40 -0.88 0.00
HARDSCRABBLE_WT_PWR 323673	12.00 0.57 0.13	11.58 0.56 0.09	11.17 0.56 0.08	11.22 0.58 0.07	11.23 0.59 0.07	11.64 0.61 0.08	11.98 0.64 0.12	11.79 0.62 0.19	18.01 0.94 0.00	18.05 0.94 0.00	17.13 0.88 0.00	16.33 0.82 0.00	14.05 0.71 0.02	13.86 0.70 0.00	13.14 0.65 0.00	12.92 0.63 0.00	13.31 0.65 0.04	15.62 0.76 0.06	21.88 1.06 0.03	23.87 1.18 0.00	17.29 0.84 0.08	16.95 0.81 0.05	13.61 0.66 0.10	11.69 0.56 0.15



HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	16.93 0.84 -4.52	15.20 0.81 -3.28	14.30 0.77 -2.84	14.06 0.77 -2.57	14.06 0.77 -2.57	14.70 0.79 -2.81	16.73 0.86 -4.40	18.84 0.85 -6.64	18.51 1.43 0.00	18.57 1.45 0.00	17.65 1.40 0.00	16.85 1.33 0.00	15.26 1.16 -0.74	14.31 1.14 0.00	13.56 1.07 0.00	13.34 1.04 0.00	15.06 1.07 -1.30	18.38 1.31 -2.14	23.67 1.85 -0.98	24.64 1.95 0.00	20.81 1.47 -2.81	19.47 1.46 -1.82	17.86 1.10 -3.71	17.55 0.88 -5.40
HARZA MOOSE___RIVER 24016	11.54 -0.02 0.00	11.09 -0.02 0.00	10.66 -0.03 0.00	10.68 -0.03 0.00	10.69 -0.02 0.00	11.09 -0.01 0.00	11.45 -0.01 0.00	11.35 0.00 0.00	17.13 0.05 0.00	17.16 0.05 0.00	16.28 0.03 0.00	15.51 0.00 0.00	13.33 -0.03 0.00	13.12 -0.04 0.00	12.44 -0.05 0.00	12.26 -0.04 0.00	12.66 -0.04 0.00	14.88 -0.04 0.00	20.90 0.06 0.00	22.83 0.14 0.00	16.54 0.02 0.00	16.19 0.00 0.00	13.01 -0.04 0.00	11.24 -0.03 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.41 1.04 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.07 1.82 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.66 1.50 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.46 1.38 -1.38	18.87 1.67 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	20.00 1.88 -1.94	18.45 1.45 -3.95	18.17 1.15 -5.74
HEMPSTEAD____ 23647	18.63 1.17 -5.90	15.72 1.12 -3.49	15.11 1.08 -3.34	14.81 1.08 -3.01	14.60 1.07 -2.82	15.50 1.10 -3.30	19.51 1.19 -6.85	24.52 1.18 -11.99	21.70 1.95 -2.68	19.79 1.98 -0.70	22.22 1.87 -4.10	21.20 1.80 -3.89	19.89 1.59 -4.94	19.52 1.58 -4.78	19.65 1.47 -5.69	20.74 1.44 -7.01	21.00 1.45 -6.86	26.42 1.75 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.27 1.93 -7.81	27.79 1.91 -9.69	21.35 1.54 -6.77	20.38 1.25 -7.85
HICKLING___1 23621	13.33 0.53 -1.24	12.53 0.51 -0.90	11.96 0.49 -0.78	11.92 0.50 -0.70	11.92 0.50 -0.70	12.40 0.52 -0.77	13.30 0.63 -1.21	13.78 0.61 -1.82	17.86 0.79 0.00	17.93 0.82 0.00	17.06 0.81 0.00	16.26 0.74 0.00	14.16 0.60 -0.20	13.75 0.59 0.00	12.96 0.47 0.00	12.76 0.47 0.00	13.54 0.49 -0.36	16.15 0.64 -0.59	21.94 0.83 -0.27	23.64 0.95 0.00	17.94 0.64 -0.77	17.29 0.60 -0.50	14.51 0.44 -1.02	13.25 0.50 -1.48
HICKLING___2 23622	13.33 0.53 -1.24	12.53 0.51 -0.90	11.96 0.49 -0.78	11.92 0.50 -0.70	11.92 0.50 -0.70	12.40 0.52 -0.77	13.30 0.63 -1.21	13.78 0.61 -1.82	17.86 0.79 0.00	17.93 0.82 0.00	17.06 0.81 0.00	16.26 0.74 0.00	14.16 0.60 -0.20	13.75 0.59 0.00	12.96 0.47 0.00	12.76 0.47 0.00	13.54 0.49 -0.36	16.15 0.64 -0.59	21.94 0.83 -0.27	23.64 0.95 0.00	17.94 0.64 -0.77	17.29 0.60 -0.50	14.51 0.44 -1.02	13.25 0.50 -1.48
HIGH FALLS___HY 23754	17.22 0.88 -4.77	15.41 0.83 -3.46	14.50 0.80 -3.00	14.23 0.80 -2.71	14.23 0.80 -2.71	14.89 0.82 -2.97	17.01 0.89 -4.65	19.24 0.87 -7.01	18.58 1.50 0.00	18.62 1.51 0.00	17.66 1.41 0.00	16.88 1.37 0.00	15.32 1.18 -0.79	14.31 1.14 0.00	13.57 1.09 0.00	13.34 1.04 0.00	15.14 1.08 -1.37	18.55 1.36 -2.26	23.79 1.92 -1.03	24.73 2.04 0.00	21.01 1.52 -2.97	19.63 1.52 -1.92	18.09 1.12 -3.92	17.89 0.91 -5.70
HILLBURN___GT 23639	17.00 0.86 -4.58	15.26 0.82 -3.32	14.35 0.78 -2.88	14.10 0.78 -2.60	14.10 0.78 -2.60	14.75 0.80 -2.84	16.80 0.87 -4.46	18.94 0.86 -6.73	18.54 1.47 0.00	18.60 1.49 0.00	17.68 1.43 0.00	16.89 1.38 0.00	15.32 1.20 -0.75	14.35 1.18 0.00	13.60 1.11 0.00	13.36 1.07 0.00	15.11 1.10 -1.31	18.44 1.34 -2.17	23.71 1.88 -0.99	24.69 2.00 0.00	20.88 1.50 -2.85	19.52 1.49 -1.84	17.94 1.13 -3.76	17.64 0.90 -5.47
HISHELDN_WT_PWR 323625	12.68 0.24 -0.87	12.05 0.30 -0.63	11.53 0.29 -0.55	11.52 0.31 -0.50	11.52 0.31 -0.50	11.96 0.31 -0.54	12.73 0.41 -0.85	12.99 0.36 -1.28	17.37 0.29 0.00	17.45 0.34 0.00	16.66 0.41 0.00	15.85 0.34 0.00	13.74 0.24 -0.14	13.46 0.30 0.00	12.60 0.11 0.00	12.42 0.12 0.00	13.06 0.11 -0.25	15.49 0.15 -0.41	21.07 0.04 -0.19	22.80 0.11 0.00	17.13 0.07 -0.54	16.52 -0.02 -0.35	13.72 -0.04 -0.72	12.52 0.20 -1.04
HOLTSVILLE_IC_1 23690	18.97 1.50 -5.90	16.01 1.41 -3.49	15.39 1.36 -3.34	15.09 1.36 -3.01	14.88 1.35 -2.82	15.82 1.42 -3.30	19.82 1.50 -6.85	24.83 1.50 -11.99	21.92 2.17 -2.68	19.91 2.10 -0.70	21.79 1.71 -3.83	21.23 1.84 -3.87	19.90 1.60 -4.94	19.53 1.59 -4.78	19.67 1.50 -5.69	20.78 1.47 -7.01	21.05 1.51 -6.85	26.51 1.84 -9.75	38.01 2.60 -14.56	33.93 2.81 -8.43	26.40 2.07 -7.81	27.92 2.04 -9.69	21.48 1.67 -6.76	20.56 1.43 -7.85
HOLTSVILLE_IC_10 23699	19.02 1.56 -5.90	16.07 1.47 -3.49	15.44 1.41 -3.34	15.14 1.41 -3.01	14.94 1.40 -2.82	15.88 1.48 -3.30	19.88 1.56 -6.85	24.90 1.57 -11.99	22.03 2.27 -2.68	20.02 2.21 -0.70	21.87 1.79 -3.83	21.31 1.92 -3.87	19.97 1.67 -4.94	19.60 1.66 -4.78	19.73 1.56 -5.69	20.84 1.54 -7.01	21.12 1.57 -6.85	26.60 1.93 -9.75	38.13 2.73 -14.56	34.09 2.97 -8.43	26.50 2.16 -7.81	28.02 2.14 -9.69	21.55 1.74 -6.76	20.63 1.50 -7.85
HOLTSVILLE_IC_2 23691	18.97 1.50 -5.90	16.01 1.41 -3.49	15.39 1.36 -3.34	15.09 1.36 -3.01	14.88 1.35 -2.82	15.82 1.42 -3.30	19.82 1.50 -6.85	24.83 1.50 -11.99	21.92 2.17 -2.68	19.91 2.10 -0.70	21.79 1.71 -3.83	21.23 1.84 -3.87	19.90 1.60 -4.94	19.53 1.59 -4.78	19.67 1.50 -5.69	20.78 1.47 -7.01	21.05 1.51 -6.85	26.51 1.84 -9.75	38.01 2.60 -14.56	33.93 2.81 -8.43	26.40 2.07 -7.81	27.92 2.04 -9.69	21.48 1.67 -6.76	20.56 1.43 -7.85
HOLTSVILLE_IC_3 23692	18.97 1.50 -5.90	16.01 1.41 -3.49	15.39 1.36 -3.34	15.09 1.36 -3.01	14.88 1.35 -2.82	15.82 1.42 -3.30	19.82 1.50 -6.85	24.83 1.50 -11.99	21.92 2.17 -2.68	19.91 2.10 -0.70	21.79 1.71 -3.83	21.23 1.84 -3.87	19.90 1.60 -4.94	19.53 1.59 -4.78	19.67 1.50 -5.69	20.78 1.47 -7.01	21.05 1.51 -6.85	26.51 1.84 -9.75	38.01 2.60 -14.56	33.93 2.81 -8.43	26.40 2.07 -7.81	27.92 2.04 -9.69	21.48 1.67 -6.76	20.56 1.43 -7.85
HOLTSVILLE_IC_4 23693	18.97 1.50 -5.90	16.01 1.41 -3.49	15.39 1.36 -3.34	15.09 1.36 -3.01	14.88 1.35 -2.82	15.82 1.42 -3.30	19.82 1.50 -6.85	24.83 1.50 -11.99	21.92 2.17 -2.68	19.91 2.10 -0.70	21.79 1.71 -3.83	21.23 1.84 -3.87	19.90 1.60 -4.94	19.53 1.59 -4.78	19.67 1.50 -5.69	20.78 1.47 -7.01	21.05 1.51 -6.85	26.51 1.84 -9.75	38.01 2.60 -14.56	33.93 2.81 -8.43	26.40 2.07 -7.81	27.92 2.04 -9.69	21.48 1.67 -6.76	20.56 1.43 -7.85
HOLTSVILLE_IC_5 23694	18.97 1.50 -5.90	16.01 1.41 -3.49	15.39 1.36 -3.34	15.09 1.36 -3.01	14.88 1.35 -2.82	15.82 1.42 -3.30	19.82 1.50 -6.85	24.83 1.50 -11.99	21.92 2.17 -2.68	19.91 2.10 -0.70	21.79 1.71 -3.83	21.23 1.84 -3.87	19.90 1.60 -4.94	19.53 1.59 -4.78	19.67 1.50 -5.69	20.78 1.47 -7.01	21.05 1.51 -6.85	26.51 1.84 -9.75	38.01 2.60 -14.56	33.93 2.81 -8.43	26.40 2.07 -7.81	27.92 2.04 -9.69	21.48 1.67 -6.76	20.56 1.43 -7.85



HOLTSVILLE_IC_6 23695	19.02 1.56 -5.90	16.07 1.47 -3.49	15.44 1.41 -3.34	15.14 1.41 -3.01	14.94 1.40 -2.82	15.88 1.48 -3.30	19.88 1.56 -6.85	24.90 1.57 -11.99	22.03 2.27 -2.68	20.02 2.21 -0.70	21.87 1.79 -3.83	21.31 1.92 -3.87	19.97 1.67 -4.94	19.60 1.66 -4.78	19.73 1.56 -5.69	20.84 1.54 -7.01	21.12 1.57 -6.85	26.60 1.93 -9.75	38.13 2.73 -14.56	34.09 2.97 -8.43	26.50 2.16 -7.81	28.02 2.14 -9.69	21.55 1.74 -6.76	20.63 1.50 -7.85
HOLTSVILLE_IC_7 23696	19.02 1.56 -5.90	16.07 1.47 -3.49	15.44 1.41 -3.34	15.14 1.41 -3.01	14.94 1.40 -2.82	15.88 1.48 -3.30	19.88 1.56 -6.85	24.90 1.57 -11.99	22.03 2.27 -2.68	20.02 2.21 -0.70	21.87 1.79 -3.83	21.31 1.92 -3.87	19.97 1.67 -4.94	19.60 1.66 -4.78	19.73 1.56 -5.69	20.84 1.54 -7.01	21.12 1.57 -6.85	26.60 1.93 -9.75	38.13 2.73 -14.56	34.09 2.97 -8.43	26.50 2.16 -7.81	28.02 2.14 -9.69	21.55 1.74 -6.76	20.63 1.50 -7.85
HOLTSVILLE_IC_8 23697	19.02 1.56 -5.90	16.07 1.47 -3.49	15.44 1.41 -3.34	15.14 1.41 -3.01	14.94 1.40 -2.82	15.88 1.48 -3.30	19.88 1.56 -6.85	24.90 1.57 -11.99	22.03 2.27 -2.68	20.02 2.21 -0.70	21.87 1.79 -3.83	21.31 1.92 -3.87	19.97 1.67 -4.94	19.60 1.66 -4.78	19.73 1.56 -5.69	20.84 1.54 -7.01	21.12 1.57 -6.85	26.60 1.93 -9.75	38.13 2.73 -14.56	34.09 2.97 -8.43	26.50 2.16 -7.81	28.02 2.14 -9.69	21.55 1.74 -6.76	20.63 1.50 -7.85
HOLTSVILLE_IC_9 23698	19.02 1.56 -5.90	16.07 1.47 -3.49	15.44 1.41 -3.34	15.14 1.41 -3.01	14.94 1.40 -2.82	15.88 1.48 -3.30	19.88 1.56 -6.85	24.90 1.57 -11.99	22.03 2.27 -2.68	20.02 2.21 -0.70	21.87 1.79 -3.83	21.31 1.92 -3.87	19.97 1.67 -4.94	19.60 1.66 -4.78	19.73 1.56 -5.69	20.84 1.54 -7.01	21.12 1.57 -6.85	26.60 1.93 -9.75	38.13 2.73 -14.56	34.09 2.97 -8.43	26.50 2.16 -7.81	28.02 2.14 -9.69	21.55 1.74 -6.76	20.63 1.50 -7.85
HOWARD_WT_PWR 323690	13.24 0.66 -1.02	12.51 0.66 -0.74	11.95 0.62 -0.64	11.93 0.63 -0.58	11.94 0.64 -0.58	12.41 0.67 -0.63	13.25 0.79 -1.00	13.60 0.75 -1.50	18.03 0.96 0.00	18.12 1.01 0.00	17.28 1.02 0.00	16.44 0.93 0.00	14.25 0.72 -0.17	13.88 0.72 0.00	12.95 0.46 0.00	12.76 0.47 0.00	13.57 0.58 -0.29	16.15 0.75 -0.48	22.02 0.96 -0.22	23.80 1.11 0.00	17.89 0.73 -0.64	17.23 0.63 -0.41	14.30 0.42 -0.84	13.04 0.54 -1.22
HQ_GEN_CEDARS 23644	10.43 -1.13 0.00	10.26 -0.86 0.00	9.90 -0.79 0.00	9.92 -0.79 0.00	9.96 -0.76 0.00	10.26 -0.84 0.00	10.34 -1.12 0.00	10.26 -1.09 0.00	15.45 -1.62 0.00	15.44 -1.68 0.00	14.64 -1.61 0.00	14.01 -1.50 0.00	12.08 -1.28 0.00	11.90 -1.26 0.00	11.33 -1.16 0.00	11.15 -1.14 0.00	11.53 -1.17 0.00	13.51 -1.42 0.00	18.88 -1.96 0.00	20.62 -2.06 0.00	15.04 -1.49 0.00	14.71 -1.47 0.00	11.83 -1.21 0.00	10.26 -1.01 0.00
HQ_GEN_CEDARS_PROXY 323590	10.43 -1.13 0.00	10.26 -0.86 0.00	9.90 -0.79 0.00	9.92 -0.79 0.00	9.96 -0.76 0.00	10.26 -0.84 0.00	10.34 -1.12 0.00	10.26 -1.09 0.00	15.45 -1.62 0.00	15.44 -1.68 0.00	14.64 -1.61 0.00	14.01 -1.50 0.00	12.08 -1.28 0.00	11.90 -1.26 0.00	11.33 -1.16 0.00	11.15 -1.14 0.00	11.53 -1.17 0.00	13.51 -1.42 0.00	18.88 -1.96 0.00	20.62 -2.06 0.00	15.04 -1.49 0.00	14.71 -1.47 0.00	11.83 -1.21 0.00	10.26 -1.01 0.00
HQ_GEN_IMPORT 323601	11.15 -0.42 0.00	10.73 -0.39 0.00	10.32 -0.37 0.00	10.34 -0.38 0.00	10.35 -0.36 0.00	10.72 -0.39 0.00	11.05 -0.41 0.00	10.95 -0.40 0.00	16.46 -0.61 0.00	16.48 -0.63 0.00	15.65 -0.60 0.00	14.95 -0.56 0.00	12.88 -0.48 0.00	12.69 -0.47 0.00	12.05 -0.44 0.00	11.86 -0.43 0.00	12.25 -0.44 0.00	14.40 -0.52 0.00	20.09 -0.75 0.00	21.89 -0.79 0.00	15.96 -0.56 0.00	15.62 -0.57 0.00	12.59 -0.46 0.00	10.88 -0.39 0.00
HQ_GEN_WHEEL 23651	11.15 -0.42 0.00	10.73 -0.39 0.00	10.32 -0.37 0.00	10.34 -0.38 0.00	10.35 -0.36 0.00	10.72 -0.39 0.00	11.05 -0.41 0.00	10.95 -0.40 0.00	16.46 -0.61 0.00	16.48 -0.63 0.00	15.65 -0.60 0.00	14.95 -0.56 0.00	12.88 -0.48 0.00	12.69 -0.47 0.00	12.05 -0.44 0.00	11.86 -0.43 0.00	12.25 -0.44 0.00	14.40 -0.52 0.00	20.09 -0.75 0.00	21.89 -0.79 0.00	15.96 -0.56 0.00	15.62 -0.57 0.00	12.59 -0.46 0.00	10.88 -0.39 0.00
HUDSON_AVE_GT_3 23810	17.41 1.04 -4.81	15.60 1.00 -3.49	14.67 0.95 -3.02	14.40 0.95 -2.73	14.39 0.94 -2.73	15.06 0.97 -2.99	17.20 1.05 -4.68	19.47 1.06 -7.06	18.85 1.78 0.00	18.94 1.83 0.00	18.01 1.76 0.00	17.22 1.71 0.00	15.62 1.47 -0.79	14.62 1.46 0.00	13.85 1.36 0.00	13.61 1.32 0.00	15.43 1.36 -1.38	18.84 1.64 -2.28	24.15 2.27 -1.04	25.09 2.40 0.00	21.35 1.83 -2.99	19.94 1.81 -1.94	18.41 1.41 -3.95	18.12 1.11 -5.74
HUDSON_AVE_GT_4 23540	17.41 1.04 -4.81	15.60 1.00 -3.49	14.67 0.95 -3.02	14.40 0.95 -2.73	14.39 0.94 -2.73	15.06 0.97 -2.99	17.20 1.05 -4.68	19.47 1.06 -7.06	18.85 1.78 0.00	18.94 1.83 0.00	18.01 1.76 0.00	17.22 1.71 0.00	15.62 1.47 -0.79	14.62 1.46 0.00	13.85 1.36 0.00	13.61 1.32 0.00	15.43 1.36 -1.38	18.84 1.64 -2.28	24.15 2.27 -1.04	25.09 2.40 0.00	21.35 1.83 -2.99	19.94 1.81 -1.94	18.41 1.41 -3.95	18.12 1.11 -5.74
HUDSON_AVE_GT_5 23657	17.41 1.04 -4.81	15.60 1.00 -3.49	14.67 0.95 -3.02	14.40 0.95 -2.73	14.39 0.94 -2.73	15.06 0.97 -2.99	17.20 1.05 -4.68	19.47 1.06 -7.06	18.85 1.78 0.00	18.94 1.83 0.00	18.01 1.76 0.00	17.22 1.71 0.00	15.62 1.47 -0.79	14.62 1.46 0.00	13.85 1.36 0.00	13.61 1.32 0.00	15.43 1.36 -1.38	18.84 1.64 -2.28	24.15 2.27 -1.04	25.09 2.40 0.00	21.35 1.83 -2.99	19.94 1.81 -1.94	18.41 1.41 -3.95	18.12 1.11 -5.74
HUDSON_AVE_10 24168	17.39 1.02 -4.81	15.57 0.97 -3.49	14.63 0.92 -3.02	14.37 0.92 -2.73	14.36 0.91 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.68	19.44 1.03 -7.06	18.82 1.74 0.00	18.91 1.80 0.00	17.96 1.71 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.80 1.31 0.00	13.57 1.28 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.90 1.78 -1.94	18.38 1.38 -3.95	18.10 1.08 -5.74
HUNTER_MOUNT___DRP 323613	17.83 1.03 -5.24	15.90 0.99 -3.80	14.94 0.95 -3.29	14.65 0.95 -2.98	14.66 0.96 -2.98	15.34 0.99 -3.25	17.62 1.05 -5.10	20.05 1.01 -7.69	18.72 1.64 0.00	18.72 1.61 0.00	17.73 1.48 0.00	16.94 1.43 0.00	15.46 1.24 -0.86	14.35 1.18 0.00	13.57 1.09 0.00	13.34 1.04 0.00	15.34 1.14 -1.50	18.79 1.39 -2.48	23.97 2.00 -1.13	24.82 2.13 0.00	21.34 1.55 -3.26	19.87 1.57 -2.11	18.51 1.16 -4.30	18.50 0.97 -6.25
HUNTINGTON_RES_REC 323705	18.84 1.38 -5.90	15.91 1.31 -3.49	15.29 1.26 -3.34	14.99 1.26 -3.01	14.80 1.26 -2.82	15.71 1.31 -3.30	19.72 1.40 -6.85	24.72 1.38 -11.99	21.92 2.17 -2.68	19.98 2.17 -0.70	22.03 1.95 -3.83	21.31 1.92 -3.87	20.00 1.70 -4.94	19.63 1.68 -4.78	19.75 1.57 -5.69	20.85 1.55 -7.01	21.10 1.56 -6.85	26.58 1.91 -9.75	38.05 2.65 -14.56	33.98 2.86 -8.43	26.45 2.12 -7.81	27.97 2.09 -9.69	21.51 1.70 -6.76	20.54 1.41 -7.85



HUNTLEY___63 23557	12.45 0.13 -0.76	11.89 0.22 -0.55	11.41 0.23 -0.48	11.40 0.25 -0.43	11.41 0.26 -0.43	11.81 0.23 -0.47	12.52 0.31 -0.74	12.71 0.24 -1.12	17.14 0.07 0.00	17.25 0.14 0.00	16.48 0.23 0.00	15.67 0.16 0.00	13.57 0.08 -0.13	13.32 0.16 0.00	12.50 0.01 0.00	12.32 0.02 0.00	12.91 0.00 -0.22	15.29 0.00 -0.36	20.78 -0.23 -0.16	22.53 -0.16 0.00	16.88 -0.11 -0.47	16.28 -0.21 -0.31	13.50 -0.17 -0.63	12.33 0.15 -0.91
HUNTLEY___64 23558	12.45 0.13 -0.76	11.89 0.22 -0.55	11.41 0.23 -0.48	11.40 0.25 -0.43	11.41 0.26 -0.43	11.81 0.23 -0.47	12.52 0.31 -0.74	12.71 0.24 -1.12	17.14 0.07 0.00	17.25 0.14 0.00	16.48 0.23 0.00	15.67 0.16 0.00	13.57 0.08 -0.13	13.32 0.16 0.00	12.50 0.01 0.00	12.32 0.02 0.00	12.91 0.00 -0.22	15.29 0.00 -0.36	20.78 -0.23 -0.16	22.53 -0.16 0.00	16.88 -0.11 -0.47	16.28 -0.21 -0.31	13.50 -0.17 -0.63	12.33 0.15 -0.91
HUNTLEY___65 23559	12.45 0.13 -0.76	11.89 0.22 -0.55	11.41 0.23 -0.48	11.40 0.25 -0.43	11.41 0.26 -0.43	11.81 0.23 -0.47	12.52 0.31 -0.74	12.71 0.24 -1.12	17.14 0.07 0.00	17.25 0.14 0.00	16.48 0.23 0.00	15.67 0.16 0.00	13.57 0.08 -0.13	13.32 0.16 0.00	12.50 0.01 0.00	12.32 0.02 0.00	12.91 0.00 -0.22	15.29 0.00 -0.36	20.78 -0.23 -0.16	22.53 -0.16 0.00	16.88 -0.11 -0.47	16.28 -0.21 -0.31	13.50 -0.17 -0.63	12.33 0.15 -0.91
HUNTLEY___66 23560	12.45 0.13 -0.76	11.89 0.22 -0.55	11.41 0.23 -0.48	11.40 0.25 -0.43	11.41 0.26 -0.43	11.81 0.23 -0.47	12.52 0.31 -0.74	12.71 0.24 -1.12	17.14 0.07 0.00	17.25 0.14 0.00	16.48 0.23 0.00	15.67 0.16 0.00	13.57 0.08 -0.13	13.32 0.16 0.00	12.50 0.01 0.00	12.32 0.02 0.00	12.91 0.00 -0.22	15.29 0.00 -0.36	20.78 -0.23 -0.16	22.53 -0.16 0.00	16.88 -0.11 -0.47	16.28 -0.21 -0.31	13.50 -0.17 -0.63	12.33 0.15 -0.91
HUNTLEY___67 23561	12.42 0.08 -0.78	11.85 0.17 -0.56	11.36 0.18 -0.49	11.35 0.19 -0.44	11.35 0.19 -0.44	11.76 0.18 -0.48	12.54 0.32 -0.76	12.73 0.24 -1.14	17.16 0.09 0.00	17.25 0.14 0.00	16.46 0.21 0.00	15.67 0.16 0.00	13.58 0.09 -0.13	13.32 0.16 0.00	12.40 -0.09 0.00	12.23 -0.06 0.00	12.83 -0.09 -0.22	15.19 -0.10 -0.37	20.63 -0.37 -0.17	22.35 -0.34 0.00	16.76 -0.25 -0.48	16.18 -0.32 -0.31	13.44 -0.25 -0.64	12.28 0.08 -0.93
HUNTLEY___68 23562	12.42 0.08 -0.78	11.85 0.17 -0.56	11.36 0.18 -0.49	11.35 0.19 -0.44	11.35 0.19 -0.44	11.76 0.18 -0.48	12.54 0.32 -0.76	12.73 0.24 -1.14	17.16 0.09 0.00	17.25 0.14 0.00	16.46 0.21 0.00	15.67 0.16 0.00	13.58 0.09 -0.13	13.32 0.16 0.00	12.40 -0.09 0.00	12.23 -0.06 0.00	12.83 -0.09 -0.22	15.19 -0.10 -0.37	20.63 -0.37 -0.17	22.35 -0.34 0.00	16.76 -0.25 -0.48	16.18 -0.32 -0.31	13.44 -0.25 -0.64	12.28 0.08 -0.93
HYLAND___LFGE 323620	13.06 0.66 -0.84	12.39 0.67 -0.61	11.85 0.63 -0.53	11.83 0.63 -0.48	11.82 0.62 -0.48	12.26 0.63 -0.52	13.02 0.73 -0.82	13.29 0.70 -1.24	18.01 0.94 0.00	18.10 0.99 0.00	17.24 0.99 0.00	16.41 0.90 0.00	14.15 0.65 -0.14	13.83 0.67 0.00	13.00 0.51 0.00	12.82 0.53 0.00	13.53 0.60 -0.24	16.07 0.75 -0.40	22.08 1.06 -0.18	23.96 1.27 0.00	17.84 0.79 -0.52	17.24 0.71 -0.34	14.22 0.48 -0.69	12.89 0.61 -1.00
INDECK___CORINTH 23802	19.11 0.91 -6.64	16.80 0.87 -4.81	15.71 0.84 -4.17	15.32 0.84 -3.77	15.33 0.85 -3.77	16.12 0.89 -4.12	18.87 0.94 -6.47	22.05 0.95 -9.75	18.63 1.55 0.00	18.67 1.56 0.00	17.66 1.41 0.00	16.81 1.30 0.00	15.59 1.13 -1.09	14.24 1.08 0.00	13.49 1.00 0.00	13.33 1.03 0.00	15.72 1.12 -1.91	19.46 1.39 -3.15	24.28 2.00 -1.43	24.87 2.18 0.00	22.21 1.55 -4.13	20.33 1.47 -2.67	19.66 1.16 -5.46	20.15 0.95 -7.93
INDECK___ILION 23567	11.81 0.37 0.13	11.38 0.36 0.09	10.96 0.35 0.08	11.00 0.35 0.07	11.01 0.36 0.07	11.40 0.38 0.08	11.74 0.40 0.12	11.55 0.39 0.19	17.66 0.58 0.00	17.71 0.60 0.00	16.80 0.55 0.00	16.04 0.53 0.00	13.79 0.45 0.02	13.61 0.45 0.00	12.90 0.41 0.00	12.70 0.41 0.00	13.06 0.41 0.04	15.36 0.49 0.06	21.50 0.69 0.03	23.46 0.77 0.00	16.99 0.54 0.08	16.65 0.52 0.05	13.36 0.42 0.10	11.48 0.36 0.15
INDECK___OLEAN 23982	13.09 0.62 -0.90	12.43 0.66 -0.65	11.88 0.62 -0.57	11.87 0.64 -0.51	11.87 0.64 -0.51	12.33 0.67 -0.56	13.24 0.89 -0.88	13.54 0.86 -1.33	18.05 0.97 0.00	18.14 1.03 0.00	17.31 1.06 0.00	16.46 0.95 0.00	14.28 0.77 -0.15	13.96 0.80 0.00	13.10 0.61 0.00	12.91 0.61 0.00	13.55 0.60 -0.26	16.10 0.75 -0.43	21.83 0.79 -0.20	23.66 0.97 0.00	17.78 0.69 -0.56	17.15 0.60 -0.36	14.24 0.46 -0.74	12.96 0.61 -1.08
INDECK___OSWEGO 23783	11.82 -0.12 -0.37	11.25 -0.13 -0.27	10.80 -0.13 -0.23	10.80 -0.13 -0.21	10.79 -0.14 -0.21	11.19 -0.14 -0.23	11.66 -0.16 -0.36	11.72 -0.17 -0.54	16.79 -0.29 0.00	16.82 -0.29 0.00	15.97 -0.28 0.00	15.25 -0.26 0.00	13.18 -0.24 -0.06	12.92 -0.24 0.00	12.25 -0.24 0.00	12.06 -0.23 0.00	12.56 -0.24 -0.11	14.83 -0.27 -0.17	20.57 -0.35 -0.08	22.32 -0.36 0.00	16.44 -0.31 -0.23	16.04 -0.29 -0.15	13.14 -0.21 -0.30	11.58 -0.13 -0.44
INDECK___YERKES 23781	12.46 0.14 -0.76	11.90 0.23 -0.55	11.42 0.25 -0.48	11.41 0.26 -0.43	11.42 0.27 -0.43	11.82 0.24 -0.47	12.53 0.32 -0.74	12.72 0.25 -1.12	17.18 0.10 0.00	17.27 0.15 0.00	16.49 0.24 0.00	15.68 0.17 0.00	13.59 0.11 -0.13	13.34 0.18 0.00	12.51 0.03 0.00	12.33 0.04 0.00	12.93 0.01 -0.22	15.30 0.01 -0.36	20.80 -0.21 -0.16	22.55 -0.14 0.00	16.90 -0.10 -0.47	16.30 -0.19 -0.31	13.52 -0.16 -0.63	12.34 0.16 -0.91
INDIAN POINT_GT_1 24139	17.17 0.84 -4.76	15.38 0.81 -3.45	14.46 0.77 -2.99	14.20 0.78 -2.70	14.19 0.77 -2.70	14.85 0.79 -2.96	16.96 0.86 -4.64	19.20 0.86 -6.99	18.54 1.47 0.00	18.62 1.51 0.00	17.68 1.43 0.00	16.89 1.38 0.00	15.35 1.20 -0.78	14.35 1.18 0.00	13.60 1.11 0.00	13.36 1.07 0.00	15.17 1.10 -1.37	18.52 1.34 -2.26	23.75 1.88 -1.03	24.66 1.97 0.00	20.97 1.49 -2.96	19.59 1.49 -1.92	18.09 1.13 -3.91	17.85 0.89 -5.68
INDIAN POINT_GT_2 23659	17.17 0.84 -4.76	15.38 0.81 -3.45	14.46 0.77 -2.99	14.20 0.78 -2.70	14.19 0.77 -2.70	14.85 0.79 -2.96	16.96 0.86 -4.64	19.20 0.86 -6.99	18.54 1.47 0.00	18.62 1.51 0.00	17.68 1.43 0.00	16.89 1.38 0.00	15.35 1.20 -0.78	14.35 1.18 0.00	13.60 1.11 0.00	13.36 1.07 0.00	15.17 1.10 -1.37	18.52 1.34 -2.26	23.75 1.88 -1.03	24.66 1.97 0.00	20.97 1.49 -2.96	19.59 1.49 -1.92	18.09 1.13 -3.91	17.85 0.89 -5.68
INDIAN POINT_GT_3 24019	17.17 0.84 -4.76	15.38 0.81 -3.45	14.46 0.77 -2.99	14.20 0.78 -2.70	14.19 0.77 -2.70	14.85 0.79 -2.96	16.96 0.86 -4.64	19.20 0.86 -6.99	18.54 1.47 0.00	18.62 1.51 0.00	17.68 1.43 0.00	16.89 1.38 0.00	15.35 1.20 -0.78	14.35 1.18 0.00	13.60 1.11 0.00	13.36 1.07 0.00	15.17 1.10 -1.37	18.52 1.34 -2.26	23.75 1.88 -1.03	24.66 1.97 0.00	20.97 1.49 -2.96	19.59 1.49 -1.92	18.09 1.13 -3.91	17.85 0.89 -5.68



INDIAN POINT____2 23530	17.07 0.81 -4.70	15.30 0.78 -3.41	14.38 0.74 -2.95	14.14 0.75 -2.67	14.12 0.74 -2.67	14.78 0.76 -2.92	16.87 0.83 -4.58	19.07 0.82 -6.90	18.48 1.40 0.00	18.55 1.44 0.00	17.63 1.38 0.00	16.85 1.33 0.00	15.28 1.15 -0.77	14.31 1.14 0.00	13.56 1.07 0.00	13.33 1.03 0.00	15.11 1.07 -1.35	18.45 1.30 -2.23	23.67 1.81 -1.01	24.59 1.91 0.00	20.88 1.44 -2.92	19.50 1.42 -1.89	18.00 1.10 -3.86	17.74 0.86 -5.61
INDIAN POINT____3 23531	17.13 0.81 -4.76	15.35 0.78 -3.45	14.42 0.74 -2.99	14.17 0.75 -2.71	14.16 0.74 -2.71	14.82 0.76 -2.96	16.93 0.83 -4.64	19.16 0.82 -6.99	18.48 1.40 0.00	18.55 1.44 0.00	17.63 1.38 0.00	16.85 1.33 0.00	15.29 1.15 -0.78	14.31 1.14 0.00	13.56 1.07 0.00	13.33 1.03 0.00	15.13 1.07 -1.37	18.48 1.30 -2.26	23.66 1.79 -1.03	24.59 1.91 0.00	20.92 1.44 -2.96	19.53 1.42 -1.92	18.06 1.10 -3.91	17.82 0.86 -5.69
IP CORINTH____1 23988	19.11 0.91 -6.64	16.80 0.87 -4.81	15.71 0.84 -4.17	15.32 0.84 -3.77	15.33 0.85 -3.77	16.12 0.89 -4.12	18.87 0.94 -6.47	22.05 0.95 -9.75	18.63 1.55 0.00	18.67 1.56 0.00	17.66 1.41 0.00	16.81 1.30 0.00	15.59 1.13 -1.09	14.24 1.08 0.00	13.49 1.00 0.00	13.33 1.03 0.00	15.72 1.12 -1.91	19.46 1.39 -3.15	24.28 2.00 -1.43	24.87 2.18 0.00	22.21 1.55 -4.13	20.33 1.47 -2.67	19.66 1.16 -5.46	20.15 0.95 -7.93
IP____TICONDEROGA 23804	19.35 1.16 -6.63	17.02 1.10 -4.80	15.93 1.07 -4.17	15.53 1.05 -3.77	15.55 1.07 -3.77	16.34 1.12 -4.12	19.12 1.19 -6.46	22.32 1.24 -9.73	19.07 2.00 0.00	19.13 2.02 0.00	18.04 1.79 0.00	17.15 1.64 0.00	15.88 1.43 -1.09	14.50 1.34 0.00	13.72 1.24 0.00	13.60 1.30 0.00	16.03 1.43 -1.90	19.90 1.84 -3.14	24.92 2.65 -1.43	25.59 2.90 0.00	22.68 2.03 -4.12	20.80 1.94 -2.67	19.99 1.50 -5.45	20.42 1.23 -7.91
ISLIP_RES_REC 323679	19.06 1.60 -5.90	16.10 1.50 -3.49	15.48 1.45 -3.34	15.17 1.45 -3.01	14.97 1.44 -2.82	15.91 1.51 -3.30	19.91 1.59 -6.85	24.95 1.61 -11.99	22.10 2.34 -2.68	20.08 2.28 -0.70	21.94 1.85 -3.84	21.35 1.97 -3.87	20.01 1.71 -4.94	19.64 1.70 -4.78	19.77 1.60 -5.69	20.88 1.57 -7.01	21.17 1.63 -6.85	26.67 2.00 -9.75	38.23 2.83 -14.56	34.20 3.09 -8.43	26.58 2.25 -7.81	28.10 2.22 -9.69	21.61 1.80 -6.76	20.66 1.53 -7.85
JARVIS____ 23743	11.55 0.12 0.13	11.13 0.11 0.09	10.72 0.11 0.08	10.75 0.11 0.07	10.75 0.11 0.07	11.14 0.11 0.08	11.46 0.11 0.12	11.28 0.11 0.19	17.26 0.19 0.00	17.30 0.19 0.00	16.43 0.18 0.00	15.67 0.16 0.00	13.47 0.13 0.02	13.29 0.13 0.00	12.61 0.12 0.00	12.42 0.12 0.00	12.79 0.13 0.04	15.01 0.15 0.06	21.04 0.23 0.03	22.94 0.25 0.00	16.61 0.17 0.08	16.30 0.16 0.05	13.07 0.13 0.10	11.24 0.11 0.15
JENNISON____1 23625	14.02 0.73 -1.73	13.06 0.69 -1.25	12.43 0.65 -1.09	12.36 0.66 -0.98	12.37 0.68 -0.98	12.90 0.72 -1.07	13.96 0.81 -1.68	14.70 0.82 -2.54	18.34 1.26 0.00	18.40 1.28 0.00	17.45 1.20 0.00	16.61 1.10 0.00	14.55 0.91 -0.28	14.03 0.87 0.00	13.27 0.79 0.00	13.07 0.78 0.00	13.99 0.80 -0.50	16.71 0.97 -0.82	22.69 1.48 -0.37	24.39 1.70 0.00	18.71 1.11 -1.07	17.95 1.07 -0.70	15.26 0.80 -1.42	14.05 0.71 -2.06
JENNISON____2 23626	14.02 0.73 -1.73	13.06 0.69 -1.25	12.43 0.65 -1.09	12.36 0.66 -0.98	12.37 0.68 -0.98	12.90 0.72 -1.07	13.96 0.81 -1.68	14.70 0.82 -2.54	18.34 1.26 0.00	18.40 1.28 0.00	17.45 1.20 0.00	16.61 1.10 0.00	14.55 0.91 -0.28	14.03 0.87 0.00	13.27 0.79 0.00	13.07 0.78 0.00	13.99 0.80 -0.50	16.71 0.97 -0.82	22.69 1.48 -0.37	24.39 1.70 0.00	18.71 1.11 -1.07	17.95 1.07 -0.70	15.26 0.80 -1.42	14.05 0.71 -2.06
JERICHO_RISE_WT_PWR 323719	10.65 -0.91 0.00	10.29 -0.82 0.00	9.93 -0.76 0.00	9.96 -0.76 0.00	10.01 -0.71 0.00	10.34 -0.77 0.00	10.61 -0.86 0.00	10.52 -0.83 0.00	15.85 -1.23 0.00	15.83 -1.28 0.00	15.03 -1.22 0.00	14.38 -1.13 0.00	12.40 -0.96 0.00	12.21 -0.95 0.00	11.64 -0.85 0.00	11.46 -0.84 0.00	11.84 -0.85 0.00	13.87 -1.06 0.00	19.34 -1.50 0.00	21.12 -1.57 0.00	15.40 -1.12 0.00	15.07 -1.12 0.00	12.11 -0.94 0.00	10.45 -0.82 0.00
KCE_NY_1 323755	19.11 0.94 -6.61	16.81 0.90 -4.79	15.71 0.87 -4.15	15.34 0.87 -3.75	15.34 0.87 -3.75	16.12 0.91 -4.10	18.87 0.96 -6.44	22.01 0.95 -9.70	18.61 1.54 0.00	18.65 1.54 0.00	17.66 1.41 0.00	16.83 1.32 0.00	15.61 1.16 -1.09	14.28 1.12 0.00	13.52 1.04 0.00	13.35 1.06 0.00	15.71 1.12 -1.90	19.41 1.36 -3.13	24.18 1.92 -1.43	24.80 2.11 0.00	22.14 1.50 -4.11	20.31 1.46 -2.66	19.62 1.15 -5.43	20.10 0.94 -7.89
KEDC PORT_JEFF_GT2 24210	19.00 1.54 -5.90	16.05 1.44 -3.49	15.43 1.40 -3.34	15.13 1.40 -3.01	14.92 1.39 -2.82	15.87 1.47 -3.30	19.86 1.54 -6.85	24.88 1.54 -11.99	21.99 2.24 -2.68	19.98 2.17 -0.70	21.85 1.77 -3.83	21.29 1.91 -3.87	19.96 1.66 -4.94	19.59 1.64 -4.78	19.72 1.55 -5.69	20.83 1.52 -7.01	21.10 1.56 -6.85	26.58 1.91 -9.75	38.05 2.65 -14.56	34.07 2.95 -8.43	26.48 2.15 -7.81	28.00 2.12 -9.69	21.53 1.72 -6.76	20.60 1.48 -7.85
KEDC PORT_JEFF_GT3 24211	19.00 1.54 -5.90	16.05 1.44 -3.49	15.43 1.40 -3.34	15.13 1.40 -3.01	14.92 1.39 -2.82	15.87 1.47 -3.30	19.86 1.54 -6.85	24.88 1.54 -11.99	21.99 2.24 -2.68	19.98 2.17 -0.70	21.85 1.77 -3.83	21.29 1.91 -3.87	19.96 1.66 -4.94	19.59 1.64 -4.78	19.72 1.55 -5.69	20.83 1.52 -7.01	21.10 1.56 -6.85	26.58 1.91 -9.75	38.05 2.65 -14.56	34.07 2.95 -8.43	26.48 2.15 -7.81	28.00 2.12 -9.69	21.53 1.72 -6.76	20.60 1.48 -7.85
KEDC_GLWD_GT4 24219	18.60 1.13 -5.90	15.69 1.09 -3.49	15.08 1.05 -3.34	14.78 1.05 -3.01	14.57 1.04 -2.82	15.48 1.08 -3.30	19.48 1.16 -6.85	24.50 1.16 -11.99	21.65 1.90 -2.68	19.76 1.95 -0.70	22.18 1.87 -4.06	21.19 1.80 -3.88	19.88 1.58 -4.94	19.51 1.57 -4.78	19.63 1.46 -5.69	20.73 1.43 -7.01	20.99 1.43 -6.86	26.40 1.73 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.25 1.92 -7.81	27.79 1.91 -9.69	21.31 1.50 -6.77	20.35 1.22 -7.85
KEDC_GLWD_GT5 24220	18.60 1.13 -5.90	15.69 1.09 -3.49	15.08 1.05 -3.34	14.78 1.05 -3.01	14.57 1.04 -2.82	15.48 1.08 -3.30	19.48 1.16 -6.85	24.50 1.16 -11.99	21.65 1.90 -2.68	19.76 1.95 -0.70	22.18 1.87 -4.06	21.19 1.80 -3.88	19.88 1.58 -4.94	19.51 1.57 -4.78	19.63 1.46 -5.69	20.73 1.43 -7.01	20.99 1.43 -6.86	26.40 1.73 -9.75	37.82 2.42 -14.56	33.68 2.56 -8.43	26.25 1.92 -7.81	27.79 1.91 -9.69	21.31 1.50 -6.77	20.35 1.22 -7.85
KENSICO____ 23655	17.29 0.93 -4.81	15.49 0.89 -3.48	14.56 0.84 -3.02	14.29 0.85 -2.73	14.29 0.85 -2.73	14.96 0.87 -2.98	17.09 0.94 -4.68	19.34 0.93 -7.06	18.65 1.57 0.00	18.72 1.61 0.00	17.81 1.56 0.00	17.00 1.49 0.00	15.45 1.30 -0.79	14.44 1.28 0.00	13.69 1.20 0.00	13.46 1.17 0.00	15.27 1.19 -1.38	18.65 1.45 -2.28	23.90 2.02 -1.04	24.82 2.13 0.00	21.14 1.62 -2.99	19.73 1.60 -1.94	18.22 1.23 -3.95	17.98 0.97 -5.74



KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.00 0.89 -4.55	15.27 0.86 -3.30	14.36 0.81 -2.86	14.12 0.83 -2.58	14.12 0.83 -2.58	14.77 0.84 -2.82	16.81 0.92 -4.43	18.92 0.90 -6.68	18.60 1.52 0.00	18.63 1.52 0.00	17.68 1.43 0.00	16.89 1.38 0.00	15.30 1.19 -0.75	14.32 1.16 0.00	13.59 1.10 0.00	13.35 1.06 0.00	15.10 1.10 -1.31	18.45 1.37 -2.15	23.78 1.96 -0.98	24.75 2.06 0.00	20.89 1.54 -2.83	19.56 1.54 -1.83	17.92 1.13 -3.74	17.63 0.92 -5.43
KIAC_JFK_GT1 23816	17.40 1.03 -4.81	15.58 0.98 -3.49	14.63 0.92 -3.02	14.37 0.92 -2.73	14.35 0.90 -2.73	15.03 0.94 -2.99	17.18 1.03 -4.68	19.47 1.06 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	17.96 1.71 0.00	17.15 1.64 0.00	15.57 1.42 -0.79	14.57 1.41 0.00	13.79 1.30 0.00	13.56 1.27 0.00	15.38 1.31 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.90 1.78 -1.94	18.43 1.44 -3.95	18.13 1.12 -5.74
KIAC_JFK_GT2 23817	17.40 1.03 -4.81	15.58 0.98 -3.49	14.63 0.92 -3.02	14.37 0.92 -2.73	14.35 0.90 -2.73	15.03 0.94 -2.99	17.18 1.03 -4.68	19.47 1.06 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	17.96 1.71 0.00	17.15 1.64 0.00	15.57 1.42 -0.79	14.57 1.41 0.00	13.79 1.30 0.00	13.56 1.27 0.00	15.38 1.31 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.90 1.78 -1.94	18.43 1.44 -3.95	18.13 1.12 -5.74
KINTIGH____ 23543	12.15 -0.06 -0.65	11.59 0.01 -0.47	11.12 0.02 -0.41	11.12 0.03 -0.37	11.12 0.03 -0.37	11.51 0.00 -0.40	12.07 -0.02 -0.63	12.21 -0.09 -0.95	16.72 -0.36 0.00	16.79 -0.33 0.00	15.99 -0.26 0.00	15.23 -0.28 0.00	13.20 -0.27 -0.11	12.95 -0.21 0.00	12.24 -0.25 0.00	12.06 -0.23 0.00	12.63 -0.25 -0.19	14.92 -0.31 -0.31	20.40 -0.58 -0.14	22.12 -0.57 0.00	16.50 -0.43 -0.40	15.98 -0.47 -0.26	13.21 -0.37 -0.53	11.98 -0.07 -0.77
LEDERLE____ 23769	17.07 0.88 -4.63	15.31 0.84 -3.35	14.40 0.80 -2.91	14.15 0.80 -2.63	14.15 0.80 -2.63	14.80 0.82 -2.87	16.87 0.89 -4.51	19.03 0.89 -6.80	18.58 1.50 0.00	18.65 1.54 0.00	17.71 1.46 0.00	16.92 1.41 0.00	15.35 1.23 -0.76	14.37 1.21 0.00	13.62 1.14 0.00	13.39 1.09 0.00	15.15 1.13 -1.33	18.51 1.39 -2.19	23.78 1.94 -1.00	24.73 2.04 0.00	20.94 1.54 -2.88	19.57 1.52 -1.86	18.01 1.16 -3.80	17.72 0.92 -5.53
LINDEN COGEN____ 23786	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.38 0.93 -2.73	15.04 0.96 -2.99	17.18 1.03 -4.68	19.44 1.03 -7.06	18.82 1.74 0.00	18.91 1.80 0.00	17.99 1.74 0.00	17.19 1.68 0.00	15.59 1.44 -0.79	14.61 1.45 0.00	13.82 1.34 0.00	13.60 1.30 0.00	15.42 1.35 -1.38	18.81 1.61 -2.28	24.11 2.23 -1.04	25.03 2.34 0.00	21.32 1.80 -2.99	19.90 1.78 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
LIPA_MISC_IPP 23656	18.99 1.53 -5.90	16.01 1.41 -3.49	15.40 1.37 -3.34	15.10 1.37 -3.01	14.89 1.36 -2.82	15.84 1.44 -3.30	19.83 1.51 -6.85	24.86 1.52 -11.99	21.86 2.10 -2.68	19.81 2.00 -0.70	21.67 1.59 -3.83	21.11 1.72 -3.87	19.80 1.50 -4.94	19.43 1.49 -4.78	19.58 1.41 -5.69	20.69 1.39 -7.01	20.96 1.42 -6.85	26.42 1.75 -9.75	37.88 2.48 -14.56	33.82 2.70 -8.43	26.30 1.97 -7.81	27.82 1.94 -9.69	21.40 1.59 -6.76	20.53 1.40 -7.85
LISF__SOLAR 323691	19.00 1.54 -5.90	16.04 1.43 -3.49	15.42 1.39 -3.34	15.12 1.39 -3.01	14.90 1.37 -2.82	15.85 1.45 -3.30	19.85 1.53 -6.85	24.88 1.54 -11.99	21.87 2.12 -2.68	19.81 2.00 -0.70	21.66 1.58 -3.83	21.11 1.72 -3.87	19.80 1.50 -4.94	19.43 1.49 -4.78	19.57 1.40 -5.69	20.68 1.38 -7.01	20.96 1.42 -6.85	26.42 1.75 -9.75	37.90 2.50 -14.56	33.82 2.70 -8.43	26.30 1.97 -7.81	27.84 1.96 -9.69	21.40 1.59 -6.76	20.54 1.41 -7.85
LITTLE FALLS____HYD 24013	12.15 0.72 0.13	11.71 0.69 0.09	11.30 0.68 0.08	11.34 0.70 0.07	11.35 0.71 0.07	11.76 0.73 0.08	12.11 0.77 0.12	11.92 0.76 0.19	18.20 1.13 0.00	18.26 1.15 0.00	17.32 1.07 0.00	16.52 1.01 0.00	14.21 0.87 0.02	14.02 0.85 0.00	13.29 0.80 0.00	13.07 0.78 0.00	13.46 0.80 0.04	15.81 0.94 0.06	22.13 1.31 0.03	24.14 1.45 0.00	17.49 1.04 0.08	17.14 1.00 0.05	13.76 0.82 0.10	11.82 0.70 0.15
LI_NEWBRDGE____DRP 323616	18.66 1.19 -5.90	15.74 1.13 -3.49	15.12 1.09 -3.34	14.82 1.09 -3.01	14.63 1.09 -2.82	15.52 1.12 -3.30	19.53 1.21 -6.85	24.53 1.19 -11.99	21.70 1.95 -2.68	19.79 1.98 -0.70	21.89 1.87 -3.77	21.18 1.80 -3.87	19.90 1.60 -4.94	19.53 1.59 -4.78	19.66 1.49 -5.69	20.75 1.45 -7.01	20.99 1.45 -6.85	26.40 1.73 -9.75	37.80 2.40 -14.56	33.66 2.54 -8.43	26.25 1.92 -7.81	27.77 1.89 -9.69	21.35 1.54 -6.76	20.40 1.27 -7.85
LONG_LAKE_PHOENIX 24014	11.92 -0.02 -0.38	11.35 -0.04 -0.27	10.88 -0.05 -0.24	10.88 -0.05 -0.22	10.88 -0.05 -0.22	11.28 -0.06 -0.24	11.77 -0.07 -0.37	11.83 -0.08 -0.56	16.92 -0.15 0.00	16.96 -0.15 0.00	16.12 -0.13 0.00	15.37 -0.14 0.00	13.29 -0.13 -0.06	13.03 -0.13 0.00	12.35 -0.14 0.00	12.16 -0.13 0.00	12.66 -0.14 -0.11	14.95 -0.15 -0.18	20.76 -0.17 -0.08	22.51 -0.18 0.00	16.58 -0.18 -0.24	16.18 -0.16 -0.15	13.25 -0.10 -0.31	11.68 -0.04 -0.45
LOVETT____3 23632	17.03 0.82 -4.65	15.28 0.79 -3.37	14.38 0.76 -2.92	14.12 0.76 -2.64	14.11 0.75 -2.64	14.77 0.78 -2.89	16.83 0.84 -4.53	19.02 0.84 -6.83	18.49 1.42 0.00	18.57 1.45 0.00	17.65 1.40 0.00	16.86 1.35 0.00	15.29 1.16 -0.77	14.32 1.16 0.00	13.57 1.09 0.00	13.34 1.04 0.00	15.11 1.08 -1.33	18.44 1.31 -2.20	23.68 1.83 -1.00	24.62 1.93 0.00	20.87 1.45 -2.89	19.52 1.46 -1.87	17.98 1.11 -3.82	17.69 0.87 -5.55
LOVETT____4 23642	17.03 0.82 -4.65	15.28 0.79 -3.37	14.38 0.76 -2.92	14.12 0.76 -2.64	14.11 0.75 -2.64	14.77 0.78 -2.89	16.83 0.84 -4.53	19.02 0.84 -6.83	18.49 1.42 0.00	18.57 1.45 0.00	17.65 1.40 0.00	16.86 1.35 0.00	15.29 1.16 -0.77	14.32 1.16 0.00	13.57 1.09 0.00	13.34 1.04 0.00	15.11 1.08 -1.33	18.44 1.31 -2.20	23.68 1.83 -1.00	24.62 1.93 0.00	20.87 1.45 -2.89	19.52 1.46 -1.87	17.98 1.11 -3.82	17.69 0.87 -5.55
LOVETT____5 23593	17.03 0.82 -4.65	15.28 0.79 -3.37	14.38 0.76 -2.92	14.12 0.76 -2.64	14.11 0.75 -2.64	14.77 0.78 -2.89	16.83 0.84 -4.53	19.02 0.84 -6.83	18.49 1.42 0.00	18.57 1.45 0.00	17.65 1.40 0.00	16.86 1.35 0.00	15.29 1.16 -0.77	14.32 1.16 0.00	13.57 1.09 0.00	13.34 1.04 0.00	15.11 1.08 -1.33	18.44 1.31 -2.20	23.68 1.83 -1.00	24.62 1.93 0.00	20.87 1.45 -2.89	19.52 1.46 -1.87	17.98 1.11 -3.82	17.69 0.87 -5.55
LOWER RAQUET____HYD 24057	10.19 -1.38 0.00	9.97 -1.14 0.00	9.61 -1.08 0.00	9.63 -1.08 0.00	9.68 -1.04 0.00	9.97 -1.13 0.00	10.10 -1.36 0.00	10.03 -1.32 0.00	15.13 -1.95 0.00	15.11 -2.00 0.00	14.32 -1.93 0.00	13.68 -1.83 0.00	11.80 -1.56 0.00	11.62 -1.54 0.00	11.08 -1.41 0.00	10.89 -1.40 0.00	11.27 -1.42 0.00	13.19 -1.73 0.00	18.49 -2.36 0.00	20.24 -2.45 0.00	14.72 -1.80 0.00	14.41 -1.78 0.00	11.57 -1.47 0.00	10.01 -1.26 0.00



LOWER___HUDSON 24059	18.85 0.86 -6.43	16.60 0.82 -4.66	15.53 0.79 -4.04	15.16 0.79 -3.65	15.16 0.79 -3.65	15.93 0.83 -3.99	18.61 0.88 -6.26	21.65 0.86 -9.44	18.44 1.37 0.00	18.50 1.39 0.00	17.53 1.28 0.00	16.74 1.23 0.00	15.49 1.07 -1.06	14.21 1.05 0.00	13.46 0.97 0.00	13.27 0.97 0.00	15.57 1.03 -1.85	19.18 1.21 -3.05	23.92 1.69 -1.39	24.50 1.82 0.00	21.85 1.32 -4.00	20.04 1.26 -2.59	19.35 1.02 -5.28	19.76 0.81 -7.68
LWR___OSWEGATCHIE_HYD 23850	10.63 -0.94 0.00	10.29 -0.82 0.00	9.91 -0.78 0.00	9.93 -0.78 0.00	9.96 -0.76 0.00	10.30 -0.80 0.00	10.54 -0.93 0.00	10.44 -0.91 0.00	15.76 -1.31 0.00	15.78 -1.33 0.00	14.97 -1.28 0.00	14.27 -1.24 0.00	12.29 -1.07 0.00	12.08 -1.08 0.00	11.49 -1.00 0.00	11.31 -0.98 0.00	11.69 -1.00 0.00	13.72 -1.21 0.00	19.28 -1.56 0.00	21.08 -1.61 0.00	15.29 -1.24 0.00	14.97 -1.21 0.00	12.02 -1.03 0.00	10.40 -0.88 0.00
LYONS_FALL_HYD 23570	11.54 -0.02 0.00	11.09 -0.02 0.00	10.66 -0.03 0.00	10.68 -0.03 0.00	10.69 -0.02 0.00	11.09 -0.01 0.00	11.45 -0.01 0.00	11.35 0.00 0.00	17.13 0.05 0.00	17.16 0.05 0.00	16.28 0.03 0.00	15.51 0.00 0.00	13.33 -0.03 0.00	13.12 -0.04 0.00	12.44 -0.05 0.00	12.26 -0.04 0.00	12.66 -0.04 0.00	14.88 -0.04 0.00	20.90 0.06 0.00	22.83 0.14 0.00	16.54 0.02 0.00	16.19 0.00 0.00	13.01 -0.04 0.00	11.24 -0.03 0.00
MADISON___COUNTY_LFGE 323628	12.08 0.32 -0.19	11.55 0.30 -0.14	11.09 0.28 -0.12	11.10 0.28 -0.11	11.10 0.28 -0.11	11.53 0.31 -0.12	11.98 0.33 -0.19	11.97 0.34 -0.28	17.61 0.53 0.00	17.66 0.55 0.00	16.77 0.52 0.00	15.98 0.46 0.00	13.76 0.37 -0.03	13.52 0.36 0.00	12.81 0.32 0.00	12.61 0.32 0.00	13.08 0.33 -0.05	15.42 0.40 -0.09	21.53 0.65 -0.04	23.44 0.75 0.00	17.12 0.48 -0.12	16.72 0.45 -0.08	13.54 0.34 -0.16	11.81 0.30 -0.23
MAPLE_RIDGE_WT_1 323574	11.11 -0.17 0.28	10.77 -0.14 0.21	10.37 -0.14 0.18	10.42 -0.14 0.16	10.42 -0.14 0.16	10.77 -0.16 0.18	11.01 -0.18 0.28	10.75 -0.18 0.42	16.79 -0.29 0.00	16.80 -0.31 0.00	15.94 -0.31 0.00	15.22 -0.30 0.00	13.06 -0.25 0.05	12.91 -0.25 0.00	12.25 -0.24 0.00	12.07 -0.22 0.00	12.39 -0.23 0.08	14.54 -0.25 0.13	20.43 -0.35 0.06	22.32 -0.36 0.00	16.07 -0.28 0.18	15.78 -0.29 0.11	12.56 -0.25 0.23	10.71 -0.23 0.34
MAPLE_RIDGE_WT_2 323611	11.11 -0.17 0.28	10.77 -0.14 0.21	10.37 -0.14 0.18	10.42 -0.14 0.16	10.42 -0.14 0.16	10.77 -0.16 0.18	11.01 -0.18 0.28	10.75 -0.18 0.42	16.79 -0.29 0.00	16.80 -0.31 0.00	15.94 -0.31 0.00	15.22 -0.30 0.00	13.06 -0.25 0.05	12.91 -0.25 0.00	12.25 -0.24 0.00	12.07 -0.22 0.00	12.39 -0.23 0.08	14.54 -0.25 0.13	20.43 -0.35 0.06	22.32 -0.36 0.00	16.07 -0.28 0.18	15.78 -0.29 0.11	12.56 -0.25 0.23	10.71 -0.23 0.34
MARBLE_RIVER_WT_PWR 323696	10.66 -0.90 0.00	10.32 -0.80 0.00	9.94 -0.75 0.00	9.98 -0.74 0.00	10.03 -0.69 0.00	10.36 -0.74 0.00	10.63 -0.84 0.00	10.54 -0.81 0.00	15.88 -1.20 0.00	15.86 -1.25 0.00	15.06 -1.19 0.00	14.41 -1.10 0.00	12.42 -0.94 0.00	12.24 -0.92 0.00	11.68 -0.81 0.00	11.48 -0.81 0.00	11.87 -0.82 0.00	13.89 -1.03 0.00	19.38 -1.46 0.00	21.17 -1.52 0.00	15.43 -1.09 0.00	15.10 -1.08 0.00	12.13 -0.91 0.00	10.47 -0.80 0.00
MARSH_HILL_WT_PWR 323713	13.22 0.65 -1.01	12.49 0.64 -0.73	11.93 0.61 -0.63	11.91 0.62 -0.57	11.92 0.63 -0.57	12.38 0.65 -0.63	13.23 0.78 -0.98	13.57 0.74 -1.48	18.03 0.96 0.00	18.12 1.01 0.00	17.26 1.01 0.00	16.43 0.91 0.00	14.23 0.71 -0.17	13.87 0.71 0.00	12.95 0.46 0.00	12.75 0.46 0.00	13.57 0.58 -0.29	16.13 0.73 -0.48	22.02 0.96 -0.22	23.78 1.09 0.00	17.88 0.73 -0.63	17.22 0.63 -0.41	14.29 0.42 -0.83	13.02 0.54 -1.20
MG INDUSTRY___DRP 24185	18.31 0.69 -6.05	16.18 0.68 -4.39	15.15 0.65 -3.80	14.81 0.65 -3.44	14.81 0.65 -3.44	15.54 0.68 -3.76	18.08 0.72 -5.89	20.94 0.70 -8.88	18.14 1.06 0.00	18.17 1.06 0.00	17.26 1.01 0.00	16.47 0.96 0.00	15.18 0.83 -1.00	13.99 0.83 0.00	13.25 0.76 0.00	13.06 0.76 0.00	15.22 0.79 -1.74	18.67 0.88 -2.87	23.36 1.21 -1.31	23.98 1.29 0.00	21.25 0.96 -3.76	19.58 0.95 -2.44	18.80 0.78 -4.97	19.11 0.61 -7.22
MID___OSWEGATCHIE_HYD 23849	10.63 -0.94 0.00	10.29 -0.82 0.00	9.91 -0.78 0.00	9.93 -0.78 0.00	9.96 -0.76 0.00	10.30 -0.80 0.00	10.54 -0.93 0.00	10.44 -0.91 0.00	15.76 -1.31 0.00	15.78 -1.33 0.00	14.97 -1.28 0.00	14.27 -1.24 0.00	12.29 -1.07 0.00	12.08 -1.08 0.00	11.49 -1.00 0.00	11.31 -0.98 0.00	11.69 -1.00 0.00	13.72 -1.21 0.00	19.28 -1.56 0.00	21.08 -1.61 0.00	15.29 -1.24 0.00	14.97 -1.21 0.00	12.02 -1.03 0.00	10.40 -0.88 0.00
MID___RAQUETTE_HYD 23851	10.19 -1.38 0.00	9.97 -1.14 0.00	9.61 -1.08 0.00	9.63 -1.08 0.00	9.68 -1.04 0.00	9.97 -1.13 0.00	10.10 -1.36 0.00	10.03 -1.32 0.00	15.13 -1.95 0.00	15.11 -2.00 0.00	14.32 -1.93 0.00	13.68 -1.83 0.00	11.80 -1.56 0.00	11.62 -1.54 0.00	11.08 -1.41 0.00	10.89 -1.40 0.00	11.27 -1.42 0.00	13.19 -1.73 0.00	18.49 -2.36 0.00	20.24 -2.45 0.00	14.72 -1.80 0.00	14.41 -1.78 0.00	11.57 -1.47 0.00	10.01 -1.26 0.00
MILLIKEN___1 23584	12.94 0.39 -0.99	12.19 0.36 -0.72	11.66 0.34 -0.62	11.62 0.34 -0.56	11.62 0.34 -0.56	12.08 0.37 -0.61	12.84 0.41 -0.96	13.21 0.41 -1.45	17.67 0.60 0.00	17.71 0.60 0.00	16.83 0.58 0.00	16.04 0.53 0.00	13.95 0.43 -0.16	13.57 0.41 0.00	12.85 0.36 0.00	12.65 0.36 0.00	13.35 0.37 -0.28	15.87 0.48 -0.47	21.78 0.73 -0.21	23.50 0.82 0.00	17.67 0.53 -0.61	17.09 0.50 -0.40	14.24 0.38 -0.81	12.83 0.37 -1.18
MILLIKEN___2 23585	12.94 0.39 -0.99	12.19 0.36 -0.72	11.66 0.34 -0.62	11.62 0.34 -0.56	11.62 0.34 -0.56	12.08 0.37 -0.61	12.84 0.41 -0.96	13.21 0.41 -1.45	17.67 0.60 0.00	17.71 0.60 0.00	16.83 0.58 0.00	16.04 0.53 0.00	13.95 0.43 -0.16	13.57 0.41 0.00	12.85 0.36 0.00	12.65 0.36 0.00	13.35 0.37 -0.28	15.87 0.48 -0.47	21.78 0.73 -0.21	23.50 0.82 0.00	17.67 0.53 -0.61	17.09 0.50 -0.40	14.24 0.38 -0.81	12.83 0.37 -1.18
MILLIKEN___DIESEL 23629	12.94 0.39 -0.99	12.19 0.36 -0.72	11.66 0.34 -0.62	11.62 0.34 -0.56	11.62 0.34 -0.56	12.08 0.37 -0.61	12.84 0.41 -0.96	13.21 0.41 -1.45	17.67 0.60 0.00	17.71 0.60 0.00	16.83 0.58 0.00	16.04 0.53 0.00	13.95 0.43 -0.16	13.57 0.41 0.00	12.85 0.36 0.00	12.65 0.36 0.00	13.35 0.37 -0.28	15.87 0.48 -0.47	21.78 0.73 -0.21	23.50 0.82 0.00	17.67 0.53 -0.61	17.09 0.50 -0.40	14.24 0.38 -0.81	12.83 0.37 -1.18
MILLSEAT___LFGE 323607	12.40 0.13 -0.70	11.83 0.20 -0.51	11.34 0.20 -0.44	11.32 0.20 -0.40	11.32 0.20 -0.40	11.72 0.18 -0.44	12.37 0.22 -0.69	12.51 0.13 -1.03	17.06 -0.02 0.00	17.15 0.03 0.00	16.37 0.11 0.00	15.57 0.06 0.00	13.45 -0.03 -0.12	13.21 0.05 0.00	12.41 -0.07 0.00	12.25 -0.05 0.00	12.83 -0.06 -0.20	15.20 -0.06 -0.33	20.76 -0.23 -0.15	22.53 -0.16 0.00	16.80 -0.17 -0.44	16.23 -0.24 -0.28	13.40 -0.22 -0.58	12.20 0.08 -0.84



MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.22 0.88 -4.78	15.42 0.84 -3.46	14.50 0.80 -3.01	14.25 0.81 -2.72	14.24 0.80 -2.72	14.89 0.82 -2.97	17.02 0.89 -4.66	19.27 0.90 -7.02	18.58 1.50 0.00	18.65 1.54 0.00	17.73 1.48 0.00	16.94 1.43 0.00	15.39 1.24 -0.79	14.38 1.22 0.00	13.64 1.15 0.00	13.40 1.11 0.00	15.21 1.14 -1.37	18.58 1.39 -2.26	23.81 1.94 -1.03	24.73 2.04 0.00	21.04 1.54 -2.97	19.65 1.54 -1.93	18.15 1.17 -3.93	17.91 0.92 -5.71
MODEL_CITY_ENERGY 24167	12.05 -0.25 -0.75	11.50 -0.16 -0.54	11.02 -0.14 -0.47	11.01 -0.13 -0.42	11.01 -0.13 -0.42	11.41 -0.16 -0.46	12.06 -0.14 -0.73	12.19 -0.25 -1.09	16.48 -0.60 0.00	16.56 -0.55 0.00	15.81 -0.44 0.00	15.05 -0.46 0.00	13.04 -0.44 -0.12	12.81 -0.35 0.00	12.03 -0.46 0.00	11.86 -0.43 0.00	12.44 -0.47 -0.21	14.73 -0.55 -0.35	20.02 -0.98 -0.16	21.69 -1.00 0.00	16.26 -0.73 -0.46	15.68 -0.81 -0.30	13.01 -0.65 -0.61	11.87 -0.29 -0.89
MODERN_LFGE_ 323580	12.05 -0.25 -0.75	11.50 -0.16 -0.54	11.02 -0.14 -0.47	11.01 -0.13 -0.42	11.01 -0.13 -0.42	11.41 -0.16 -0.46	12.06 -0.14 -0.73	12.19 -0.25 -1.09	16.48 -0.60 0.00	16.56 -0.55 0.00	15.81 -0.44 0.00	15.05 -0.46 0.00	13.04 -0.44 -0.12	12.81 -0.35 0.00	12.03 -0.46 0.00	11.86 -0.43 0.00	12.44 -0.47 -0.21	14.73 -0.55 -0.35	20.02 -0.98 -0.16	21.69 -1.00 0.00	16.26 -0.73 -0.46	15.68 -0.81 -0.30	13.01 -0.65 -0.61	11.87 -0.29 -0.89
MOHAWK_PAPER___DRP 24187	18.66 0.82 -6.27	16.45 0.79 -4.55	15.41 0.77 -3.94	15.05 0.77 -3.56	15.05 0.77 -3.56	15.80 0.80 -3.89	18.43 0.85 -6.11	21.40 0.84 -9.21	18.34 1.26 0.00	18.40 1.28 0.00	17.44 1.19 0.00	16.64 1.13 0.00	15.38 0.99 -1.03	14.13 0.97 0.00	13.39 0.90 0.00	13.19 0.90 0.00	15.45 0.95 -1.80	18.96 1.06 -2.97	23.68 1.48 -1.35	24.28 1.59 0.00	21.58 1.16 -3.90	19.86 1.15 -2.53	19.14 0.94 -5.15	19.50 0.73 -7.49
MONGAUP___HYD 23641	16.97 1.01 -4.40	15.27 0.97 -3.19	14.39 0.93 -2.77	14.15 0.93 -2.50	14.15 0.93 -2.50	14.79 0.96 -2.73	16.79 1.03 -4.29	18.79 0.98 -6.47	18.73 1.66 0.00	18.75 1.64 0.00	17.78 1.53 0.00	16.99 1.47 0.00	15.37 1.28 -0.72	14.38 1.22 0.00	13.65 1.16 0.00	13.40 1.11 0.00	15.13 1.17 -1.26	18.49 1.48 -2.09	23.90 2.10 -0.95	24.91 2.22 0.00	20.90 1.64 -2.74	19.61 1.65 -1.77	17.86 1.20 -3.62	17.55 1.02 -5.26
MONTAUK___DIESEL 23721	19.44 1.98 -5.90	16.46 1.86 -3.49	15.84 1.81 -3.34	15.54 1.81 -3.01	15.32 1.79 -2.82	16.30 1.90 -3.30	20.31 1.99 -6.85	25.38 2.04 -11.99	22.57 2.82 -2.68	20.49 2.69 -0.70	22.29 2.21 -3.83	21.68 2.30 -3.87	20.25 1.95 -4.94	19.88 1.94 -4.78	20.01 1.84 -5.69	21.12 1.82 -7.01	21.43 1.89 -6.85	27.03 2.36 -9.75	38.86 3.46 -14.56	34.86 3.74 -8.43	27.03 2.69 -7.81	28.53 2.65 -9.69	21.95 2.14 -6.76	20.98 1.85 -7.85
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.37 0.99 -4.81	15.57 0.97 -3.49	14.64 0.92 -3.02	14.37 0.92 -2.73	14.36 0.91 -2.73	15.02 0.93 -2.99	17.16 1.01 -4.69	19.42 1.01 -7.06	18.78 1.71 0.00	18.86 1.75 0.00	17.94 1.69 0.00	17.14 1.63 0.00	15.57 1.42 -0.79	14.56 1.39 0.00	13.79 1.30 0.00	13.56 1.27 0.00	15.38 1.31 -1.38	18.78 1.58 -2.28	24.07 2.19 -1.04	25.00 2.32 0.00	21.27 1.75 -2.99	19.87 1.75 -1.94	18.34 1.34 -3.95	18.07 1.06 -5.74
MUNSVILLE_WIND_PWR 323609	14.09 0.99 -1.53	13.16 0.93 -1.11	12.54 0.89 -0.96	12.50 0.91 -0.87	12.52 0.93 -0.87	13.07 1.01 -0.95	14.09 1.14 -1.49	14.75 1.15 -2.25	18.85 1.78 0.00	18.89 1.78 0.00	17.94 1.69 0.00	17.03 1.52 0.00	14.87 1.26 -0.25	14.35 1.18 0.00	13.56 1.07 0.00	13.35 1.06 0.00	14.21 1.08 -0.44	16.96 1.31 -0.73	23.24 2.06 -0.33	25.07 2.38 0.00	19.00 1.52 -0.95	18.26 1.46 -0.62	15.36 1.06 -1.26	14.05 0.95 -1.83
N SALMON___HYD 24042	10.60 -0.96 0.00	10.27 -0.85 0.00	9.90 -0.79 0.00	9.93 -0.78 0.00	10.01 -0.71 0.00	10.32 -0.79 0.00	10.55 -0.92 0.00	10.49 -0.86 0.00	15.81 -1.26 0.00	15.76 -1.35 0.00	14.95 -1.30 0.00	14.32 -1.19 0.00	12.34 -1.02 0.00	12.16 -1.00 0.00	11.61 -0.87 0.00	11.42 -0.87 0.00	11.83 -0.86 0.00	13.82 -1.10 0.00	19.30 -1.54 0.00	21.14 -1.54 0.00	15.42 -1.11 0.00	15.07 -1.12 0.00	12.08 -0.97 0.00	10.43 -0.85 0.00
N.E._GEN_SANDY PD 24062	18.00 0.88 -5.56	15.99 0.84 -4.03	15.00 0.81 -3.50	14.70 0.83 -3.16	14.70 0.83 -3.16	15.40 0.84 -3.45	17.80 0.92 -5.42	20.40 0.89 -8.16	18.54 1.47 0.00	18.60 1.49 0.00	17.66 1.41 0.00	16.86 1.37 0.00	15.45 1.18 -0.92	15.30 1.17 -0.97	15.00 1.10 -1.41	16.53 1.07 -3.17	18.33 1.12 -4.52	21.19 1.33 -4.94	23.85 1.81 -1.20	24.62 1.93 0.00	21.42 1.44 -3.46	19.80 1.38 -2.24	18.71 1.10 -4.57	18.78 0.87 -6.64
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.05 0.84 -4.64	15.29 0.81 -3.36	14.38 0.77 -2.92	14.12 0.77 -2.64	14.12 0.77 -2.64	14.77 0.79 -2.88	16.85 0.86 -4.52	19.02 0.85 -6.81	18.53 1.45 0.00	18.60 1.49 0.00	17.66 1.41 0.00	16.88 1.37 0.00	15.31 1.19 -0.76	14.33 1.17 0.00	13.59 1.10 0.00	13.36 1.07 0.00	15.12 1.09 -1.33	18.47 1.34 -2.20	23.70 1.85 -1.00	24.66 1.97 0.00	20.90 1.49 -2.89	19.53 1.47 -1.87	17.98 1.12 -3.81	17.70 0.89 -5.54
NARROWS_GT1_1 24228	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT1_2 24229	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT1_3 24230	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT1_4 24231	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74



NARROWS_GT1_5 24232	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT1_6 24233	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT1_7 24234	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT1_8 24235	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT2_1 24236	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT2_2 24237	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT2_3 24238	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT2_4 24239	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT2_5 24240	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT2_6 24241	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT2_7 24242	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NARROWS_GT2_8 24243	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.83 1.03 -5.24	15.90 0.99 -3.80	14.94 0.95 -3.29	14.65 0.95 -2.98	14.66 0.96 -2.98	15.34 0.99 -3.25	17.62 1.05 -5.10	20.05 1.01 -7.69	18.72 1.64 0.00	18.72 1.61 0.00	17.73 1.48 0.00	16.94 1.43 0.00	15.46 1.24 -0.86	14.35 1.18 0.00	13.57 1.09 0.00	13.34 1.04 0.00	15.34 1.14 -1.50	18.79 1.39 -2.48	23.97 2.00 -1.13	24.82 2.13 0.00	21.34 1.55 -3.26	19.87 1.57 -2.11	18.51 1.16 -4.30	18.50 0.97 -6.25
NEG CAPITAL____MECHNVIL 23645	19.07 0.95 -6.56	16.77 0.90 -4.75	15.69 0.88 -4.12	15.31 0.87 -3.73	15.32 0.88 -3.73	16.10 0.92 -4.07	18.83 0.97 -6.39	21.95 0.96 -9.63	18.61 1.54 0.00	18.67 1.56 0.00	17.68 1.43 0.00	16.86 1.35 0.00	15.61 1.18 -1.08	14.31 1.14 0.00	13.55 1.06 0.00	13.36 1.07 0.00	15.72 1.14 -1.88	19.42 1.39 -3.11	24.20 1.94 -1.42	24.80 2.11 0.00	22.12 1.52 -4.08	20.29 1.46 -2.64	19.60 1.16 -5.39	20.04 0.94 -7.83
NEG CENTRAL_HIGH_ACRES 23767	12.01 -0.13 -0.57	11.43 -0.10 -0.42	10.96 -0.10 -0.36	10.96 -0.09 -0.33	10.95 -0.10 -0.33	11.35 -0.11 -0.36	11.90 -0.13 -0.56	12.03 -0.16 -0.84	16.73 -0.34 0.00	16.79 -0.33 0.00	15.96 -0.29 0.00	15.23 -0.28 0.00	13.16 -0.29 -0.09	12.90 -0.26 0.00	12.21 -0.27 0.00	12.04 -0.26 0.00	12.59 -0.27 -0.16	14.88 -0.31 -0.27	20.53 -0.44 -0.12	22.26 -0.43 0.00	16.50 -0.38 -0.36	16.03 -0.39 -0.23	13.19 -0.33 -0.47	11.82 -0.13 -0.68



NEG CENTRAL___DRP 24199	12.41 0.21 -0.64	11.78 0.20 -0.46	11.28 0.18 -0.40	11.27 0.19 -0.36	11.27 0.19 -0.36	11.70 0.20 -0.40	12.33 0.24 -0.62	12.52 0.23 -0.94	17.35 0.27 0.00	17.40 0.29 0.00	16.54 0.29 0.00	15.76 0.25 0.00	13.64 0.17 -0.11	13.33 0.17 0.00	12.61 0.12 0.00	12.42 0.12 0.00	13.03 0.15 -0.18	15.44 0.21 -0.30	21.29 0.31 -0.14	23.07 0.39 0.00	17.14 0.21 -0.40	16.62 0.18 -0.26	13.70 0.13 -0.53	12.23 0.19 -0.76
NEG CENTRAL___INDECK 23768	12.97 0.57 -0.84	12.29 0.57 -0.61	11.77 0.55 -0.53	11.74 0.55 -0.48	11.74 0.55 -0.48	12.18 0.55 -0.52	12.93 0.64 -0.82	13.19 0.60 -1.24	17.86 0.79 0.00	17.93 0.82 0.00	17.08 0.83 0.00	16.27 0.76 0.00	14.05 0.55 -0.14	13.73 0.57 0.00	12.91 0.42 0.00	12.73 0.43 0.00	13.42 0.48 -0.24	15.94 0.61 -0.40	21.88 0.85 -0.18	23.71 1.02 0.00	17.69 0.64 -0.52	17.09 0.57 -0.34	14.12 0.38 -0.69	12.80 0.52 -1.01
NEG CENTRAL___SENECA 23627	12.61 0.34 -0.71	11.95 0.32 -0.51	11.44 0.30 -0.44	11.43 0.31 -0.40	11.43 0.31 -0.40	11.87 0.32 -0.44	12.54 0.39 -0.69	12.76 0.37 -1.04	17.54 0.46 0.00	17.59 0.48 0.00	16.72 0.47 0.00	15.93 0.42 0.00	13.78 0.31 -0.12	13.48 0.32 0.00	12.72 0.24 0.00	12.53 0.23 0.00	13.16 0.27 -0.20	15.63 0.37 -0.34	21.51 0.52 -0.15	23.30 0.61 0.00	17.33 0.36 -0.44	16.80 0.32 -0.28	13.86 0.24 -0.58	12.42 0.30 -0.84
NEG CENTRAL___STATE_STREET 24147	12.44 0.25 -0.63	11.80 0.23 -0.45	11.30 0.21 -0.39	11.29 0.21 -0.36	11.29 0.21 -0.36	11.73 0.23 -0.39	12.33 0.25 -0.61	12.52 0.25 -0.92	17.44 0.36 0.00	17.47 0.36 0.00	16.59 0.34 0.00	15.82 0.31 0.00	13.70 0.24 -0.10	13.38 0.22 0.00	12.67 0.19 0.00	12.49 0.20 0.00	13.08 0.20 -0.18	15.50 0.28 -0.30	21.41 0.44 -0.14	23.19 0.50 0.00	17.21 0.30 -0.39	16.71 0.27 -0.25	13.77 0.21 -0.51	12.26 0.24 -0.75
NEG MILLWOOD___DRP 24198	17.50 1.01 -4.93	15.66 0.97 -3.57	14.72 0.93 -3.10	14.47 0.95 -2.80	14.45 0.93 -2.80	15.12 0.96 -3.06	17.30 1.03 -4.80	19.62 1.03 -7.24	18.82 1.74 0.00	18.89 1.78 0.00	17.92 1.67 0.00	17.11 1.60 0.00	15.55 1.38 -0.81	14.50 1.34 0.00	13.74 1.25 0.00	13.49 1.19 0.00	15.37 1.26 -1.42	18.81 1.55 -2.34	24.14 2.23 -1.06	25.05 2.36 0.00	21.33 1.73 -3.07	19.92 1.75 -1.99	18.40 1.30 -4.05	18.21 1.05 -5.89
NEG NORTH_FLCN_SEA 23793	10.70 -0.87 0.00	10.34 -0.78 0.00	9.98 -0.72 0.00	10.01 -0.71 0.00	10.07 -0.64 0.00	10.39 -0.71 0.00	10.66 -0.80 0.00	10.58 -0.77 0.00	15.93 -1.14 0.00	15.91 -1.20 0.00	15.10 -1.15 0.00	14.46 -1.06 0.00	12.46 -0.89 0.00	12.29 -0.87 0.00	11.71 -0.77 0.00	11.52 -0.77 0.00	11.92 -0.77 0.00	13.94 -0.99 0.00	19.44 -1.40 0.00	21.26 -1.43 0.00	15.50 -1.02 0.00	15.17 -1.02 0.00	12.17 -0.87 0.00	10.51 -0.77 0.00
NEG NORTH_KES_CHATEGAY 23792	10.67 -0.89 0.00	10.32 -0.80 0.00	9.94 -0.75 0.00	9.98 -0.74 0.00	10.03 -0.69 0.00	10.36 -0.74 0.00	10.63 -0.84 0.00	10.55 -0.79 0.00	15.88 -1.20 0.00	15.86 -1.25 0.00	15.05 -1.20 0.00	14.41 -1.10 0.00	12.42 -0.94 0.00	12.24 -0.92 0.00	11.68 -0.81 0.00	11.48 -0.81 0.00	11.88 -0.81 0.00	13.89 -1.03 0.00	19.38 -1.46 0.00	21.19 -1.50 0.00	15.45 -1.07 0.00	15.12 -1.07 0.00	12.13 -0.91 0.00	10.47 -0.80 0.00
NEG NORTH___ALICE_FALLS 23915	10.71 -0.86 0.00	10.35 -0.77 0.00	9.98 -0.72 0.00	10.01 -0.71 0.00	10.08 -0.63 0.00	10.39 -0.71 0.00	10.66 -0.80 0.00	10.59 -0.76 0.00	15.95 -1.13 0.00	15.91 -1.20 0.00	15.10 -1.15 0.00	14.47 -1.04 0.00	12.48 -0.88 0.00	12.31 -0.86 0.00	11.74 -0.75 0.00	11.54 -0.75 0.00	11.95 -0.75 0.00	13.95 -0.97 0.00	19.46 -1.38 0.00	21.30 -1.38 0.00	15.55 -0.97 0.00	15.20 -0.99 0.00	12.20 -0.85 0.00	10.53 -0.74 0.00
NEG NORTH___LWR_SARANAC 23913	10.71 -0.86 0.00	10.35 -0.77 0.00	9.98 -0.72 0.00	10.01 -0.71 0.00	10.08 -0.63 0.00	10.39 -0.71 0.00	10.66 -0.80 0.00	10.59 -0.76 0.00	15.95 -1.13 0.00	15.91 -1.20 0.00	15.10 -1.15 0.00	14.47 -1.04 0.00	12.48 -0.88 0.00	12.31 -0.86 0.00	11.74 -0.75 0.00	11.54 -0.75 0.00	11.95 -0.75 0.00	13.95 -0.97 0.00	19.46 -1.38 0.00	21.30 -1.38 0.00	15.55 -0.97 0.00	15.20 -0.99 0.00	12.20 -0.85 0.00	10.53 -0.74 0.00
NEG NORTH___PLATTSBURG 23628	10.71 -0.86 0.00	10.35 -0.77 0.00	9.98 -0.72 0.00	10.01 -0.71 0.00	10.08 -0.63 0.00	10.39 -0.71 0.00	10.66 -0.80 0.00	10.59 -0.76 0.00	15.95 -1.13 0.00	15.91 -1.20 0.00	15.10 -1.15 0.00	14.47 -1.04 0.00	12.48 -0.88 0.00	12.31 -0.86 0.00	11.74 -0.75 0.00	11.54 -0.75 0.00	11.95 -0.75 0.00	13.95 -0.97 0.00	19.46 -1.38 0.00	21.30 -1.38 0.00	15.55 -0.97 0.00	15.20 -0.99 0.00	12.20 -0.85 0.00	10.53 -0.74 0.00
NEG WEST_LEA_LOCKPORT 23791	12.25 -0.05 -0.73	11.69 0.04 -0.53	11.21 0.05 -0.46	11.21 0.08 -0.42	11.21 0.08 -0.42	11.62 0.06 -0.46	12.25 0.07 -0.72	12.40 -0.02 -1.08	16.79 -0.29 0.00	16.87 -0.24 0.00	16.10 -0.15 0.00	15.34 -0.17 0.00	13.28 -0.20 -0.12	13.04 -0.12 0.00	12.25 -0.24 0.00	12.09 -0.21 0.00	12.66 -0.24 -0.21	14.99 -0.28 -0.35	20.39 -0.61 -0.16	22.10 -0.59 0.00	16.54 -0.45 -0.46	15.96 -0.52 -0.30	13.23 -0.42 -0.60	12.07 -0.08 -0.88
NEG WEST___LANCASTR 23811	12.86 0.44 -0.85	12.21 0.48 -0.62	11.69 0.46 -0.54	11.68 0.48 -0.49	11.68 0.48 -0.49	12.14 0.50 -0.53	12.97 0.68 -0.83	13.23 0.62 -1.26	17.72 0.65 0.00	17.81 0.70 0.00	17.00 0.75 0.00	16.18 0.67 0.00	14.02 0.52 -0.14	13.73 0.57 0.00	12.85 0.36 0.00	12.66 0.37 0.00	13.31 0.37 -0.25	15.78 0.45 -0.40	21.42 0.39 -0.18	23.21 0.52 0.00	17.44 0.38 -0.53	16.82 0.29 -0.34	13.96 0.21 -0.70	12.72 0.43 -1.02
NEG_PENN_ALLEGHNY 23528	13.58 0.43 -1.59	12.68 0.41 -1.15	12.08 0.38 -1.00	12.02 0.40 -0.91	12.02 0.40 -0.91	12.50 0.41 -0.99	13.49 0.47 -1.55	14.15 0.47 -2.34	17.74 0.67 0.00	17.80 0.69 0.00	16.92 0.67 0.00	16.13 0.62 0.00	14.12 0.49 -0.26	13.65 0.49 0.00	12.91 0.42 0.00	12.71 0.42 0.00	13.58 0.43 -0.46	16.23 0.55 -0.75	21.96 0.77 -0.34	23.55 0.86 0.00	18.11 0.59 -0.99	17.40 0.57 -0.64	14.78 0.43 -1.31	13.59 0.42 -1.90
NEG___GEN_MONROE 24207	12.28 0.12 -0.60	11.71 0.16 -0.44	11.23 0.16 -0.38	11.23 0.17 -0.34	11.22 0.16 -0.34	11.62 0.14 -0.37	12.20 0.15 -0.59	12.32 0.09 -0.88	17.06 -0.02 0.00	17.13 0.02 0.00	16.30 0.05 0.00	15.54 0.03 0.00	13.40 -0.05 -0.10	13.16 0.00 0.00	12.43 -0.06 0.00	12.26 -0.04 0.00	12.82 -0.05 -0.17	15.15 -0.06 -0.28	20.85 -0.12 -0.13	22.62 -0.07 0.00	16.78 -0.11 -0.37	16.27 -0.16 -0.24	13.38 -0.16 -0.49	12.06 0.07 -0.72
NEPA___ENERGY 23901	12.88 0.46 -0.86	12.24 0.50 -0.62	11.71 0.48 -0.54	11.71 0.50 -0.49	11.71 0.50 -0.49	12.15 0.51 -0.53	12.99 0.69 -0.84	13.25 0.64 -1.26	17.72 0.65 0.00	17.81 0.70 0.00	17.00 0.75 0.00	16.18 0.67 0.00	14.04 0.53 -0.14	13.74 0.58 0.00	12.86 0.37 0.00	12.68 0.38 0.00	13.32 0.38 -0.25	15.81 0.48 -0.41	21.44 0.42 -0.19	23.23 0.54 0.00	17.45 0.40 -0.53	16.84 0.31 -0.35	13.99 0.24 -0.71	12.74 0.44 -1.02



NEVERSINK___HYD 23608	16.69 0.80 -4.33	15.01 0.76 -3.14	14.14 0.73 -2.72	13.91 0.73 -2.46	13.91 0.73 -2.46	14.54 0.74 -2.69	16.50 0.81 -4.22	18.50 0.79 -6.36	18.42 1.35 0.00	18.46 1.35 0.00	17.53 1.28 0.00	16.74 1.23 0.00	15.13 1.06 -0.71	14.19 1.03 0.00	13.46 0.97 0.00	13.23 0.93 0.00	14.90 0.96 -1.24	18.18 1.21 -2.05	23.50 1.73 -0.94	24.53 1.84 0.00	20.59 1.37 -2.69	19.31 1.38 -1.74	17.61 1.00 -3.56	17.27 0.82 -5.17
NEWTON___FALLS_HYD 23847	10.63 -0.94 0.00	10.29 -0.82 0.00	9.91 -0.78 0.00	9.93 -0.78 0.00	9.96 -0.76 0.00	10.30 -0.80 0.00	10.54 -0.93 0.00	10.44 -0.91 0.00	15.76 -1.31 0.00	15.78 -1.33 0.00	14.97 -1.28 0.00	14.27 -1.24 0.00	12.29 -1.07 0.00	12.08 -1.08 0.00	11.49 -1.00 0.00	11.31 -0.98 0.00	11.69 -1.00 0.00	13.72 -1.21 0.00	19.28 -1.56 0.00	21.08 -1.61 0.00	15.29 -1.24 0.00	14.97 -1.21 0.00	12.02 -1.03 0.00	10.40 -0.88 0.00
NIAGARA_115E_LBMP 323715	11.95 -0.37 -0.75	11.40 -0.27 -0.55	10.92 -0.25 -0.47	10.92 -0.23 -0.43	10.92 -0.23 -0.43	11.32 -0.25 -0.47	11.95 -0.25 -0.73	12.09 -0.36 -1.10	16.33 -0.75 0.00	16.41 -0.70 0.00	15.67 -0.58 0.00	14.91 -0.61 0.00	12.92 -0.56 -0.12	12.67 -0.49 0.00	11.91 -0.57 0.00	11.74 -0.55 0.00	12.31 -0.60 -0.22	14.58 -0.70 -0.36	19.82 -1.19 -0.16	21.46 -1.23 0.00	16.10 -0.89 -0.47	15.54 -0.96 -0.30	12.90 -0.77 -0.62	11.77 -0.41 -0.90
NIAGARA_115W_LBMP 323714	12.06 -0.25 -0.75	11.55 -0.11 -0.54	11.12 -0.04 -0.47	11.11 -0.03 -0.42	11.12 -0.02 -0.42	11.47 -0.10 -0.46	12.01 -0.18 -0.73	12.17 -0.27 -1.10	16.36 -0.72 0.00	16.44 -0.67 0.00	15.68 -0.57 0.00	14.94 -0.57 0.00	12.96 -0.52 -0.12	12.73 -0.43 0.00	12.00 -0.49 0.00	11.85 -0.44 0.00	12.41 -0.50 -0.21	14.68 -0.60 -0.35	19.94 -1.06 -0.16	21.60 -1.09 0.00	16.20 -0.79 -0.46	15.65 -0.84 -0.30	13.01 -0.65 -0.61	11.93 -0.24 -0.89
NIAGARA_230_LBMP 323716	12.21 -0.09 -0.74	11.66 0.01 -0.53	11.19 0.03 -0.46	11.19 0.05 -0.42	11.19 0.05 -0.42	11.57 0.01 -0.46	12.16 -0.02 -0.72	12.32 -0.11 -1.08	16.62 -0.46 0.00	16.68 -0.43 0.00	15.91 -0.34 0.00	15.17 -0.34 0.00	13.15 -0.33 -0.12	12.91 -0.25 0.00	12.18 -0.31 0.00	12.01 -0.28 0.00	12.59 -0.32 -0.21	14.89 -0.39 -0.35	20.25 -0.75 -0.16	21.92 -0.77 0.00	16.42 -0.56 -0.46	15.87 -0.62 -0.30	13.19 -0.46 -0.61	12.06 -0.09 -0.88
NIAGARA___ 23760	12.01 -0.30 -0.75	11.46 -0.20 -0.54	10.98 -0.18 -0.47	10.98 -0.16 -0.43	10.98 -0.16 -0.43	11.37 -0.20 -0.47	12.01 -0.18 -0.73	12.17 -0.27 -1.10	16.43 -0.65 0.00	16.51 -0.60 0.00	15.75 -0.50 0.00	15.00 -0.51 0.00	13.00 -0.48 -0.12	12.75 -0.41 0.00	12.00 -0.49 0.00	11.84 -0.45 0.00	12.41 -0.50 -0.21	14.70 -0.58 -0.35	20.00 -1.00 -0.16	21.67 -1.02 0.00	16.25 -0.74 -0.46	15.68 -0.81 -0.30	13.01 -0.65 -0.61	11.84 -0.33 -0.90
NINE_MILE_1 23575	11.68 -0.19 -0.30	11.15 -0.19 -0.22	10.70 -0.18 -0.19	10.71 -0.18 -0.17	10.71 -0.18 -0.17	11.09 -0.20 -0.19	11.54 -0.22 -0.30	11.57 -0.23 -0.45	16.68 -0.39 0.00	16.72 -0.39 0.00	15.88 -0.37 0.00	15.16 -0.36 0.00	13.09 -0.32 -0.05	12.84 -0.32 0.00	12.19 -0.30 0.00	12.00 -0.30 0.00	12.48 -0.30 -0.09	14.71 -0.36 -0.14	20.41 -0.50 -0.07	22.17 -0.52 0.00	16.30 -0.41 -0.19	15.92 -0.39 -0.12	13.01 -0.29 -0.25	11.44 -0.20 -0.36
NINE_MILE_2 23744	11.68 -0.19 -0.30	11.15 -0.19 -0.22	10.70 -0.18 -0.19	10.71 -0.18 -0.17	10.71 -0.18 -0.17	11.09 -0.20 -0.19	11.54 -0.22 -0.30	11.57 -0.23 -0.45	16.68 -0.39 0.00	16.72 -0.39 0.00	15.88 -0.37 0.00	15.16 -0.36 0.00	13.09 -0.32 -0.05	12.84 -0.32 0.00	12.19 -0.30 0.00	12.00 -0.30 0.00	12.48 -0.30 -0.09	14.71 -0.36 -0.14	20.41 -0.50 -0.07	22.17 -0.52 0.00	16.30 -0.41 -0.19	15.92 -0.39 -0.12	13.01 -0.29 -0.25	11.44 -0.20 -0.36
NM_CAPITAL___DRP 24208	18.56 0.79 -6.21	16.38 0.76 -4.50	15.33 0.73 -3.91	14.98 0.73 -3.53	14.98 0.74 -3.53	15.73 0.77 -3.86	18.33 0.81 -6.05	21.28 0.81 -9.12	18.24 1.16 0.00	18.29 1.18 0.00	17.36 1.11 0.00	16.57 1.06 0.00	15.30 0.92 -1.02	14.07 0.91 0.00	13.32 0.84 0.00	13.13 0.84 0.00	15.35 0.88 -1.78	18.81 0.94 -2.94	23.48 1.29 -1.34	24.07 1.38 0.00	21.41 1.02 -3.86	19.71 1.02 -2.50	19.01 0.86 -5.11	19.35 0.65 -7.42
NM_CENTRAL___DRP 24181	12.05 0.07 -0.42	11.47 0.06 -0.30	11.00 0.04 -0.26	11.00 0.04 -0.24	11.00 0.04 -0.24	11.42 0.06 -0.26	11.93 0.06 -0.41	12.01 0.05 -0.61	17.11 0.03 0.00	17.15 0.03 0.00	16.30 0.05 0.00	15.54 0.03 0.00	13.43 0.00 -0.07	13.16 0.00 0.00	12.47 -0.01 0.00	12.28 -0.01 0.00	12.80 -0.01 -0.12	15.14 0.01 -0.20	20.97 0.04 -0.09	22.73 0.05 0.00	16.78 0.00 -0.26	16.36 0.00 -0.17	13.40 0.01 -0.34	11.83 0.06 -0.50
NM_FRONTIER___DRP 24179	12.06 -0.25 -0.75	11.55 -0.11 -0.54	11.12 -0.04 -0.47	11.11 -0.03 -0.42	11.12 -0.02 -0.42	11.47 -0.10 -0.46	12.01 -0.18 -0.73	12.17 -0.27 -1.10	16.36 -0.72 0.00	16.44 -0.67 0.00	15.68 -0.57 0.00	14.94 -0.57 0.00	12.96 -0.52 -0.12	12.73 -0.43 0.00	12.00 -0.49 0.00	11.85 -0.44 0.00	12.41 -0.50 -0.21	14.68 -0.60 -0.35	19.94 -1.06 -0.16	21.60 -1.09 0.00	16.20 -0.79 -0.46	15.65 -0.84 -0.30	13.01 -0.65 -0.61	11.93 -0.24 -0.89
NM_ST_REGIS___HYD 24053	10.28 -1.28 0.00	10.04 -1.08 0.00	9.68 -1.02 0.00	9.70 -1.02 0.00	9.74 -0.98 0.00	10.05 -1.06 0.00	10.20 -1.26 0.00	10.14 -1.21 0.00	15.28 -1.79 0.00	15.26 -1.85 0.00	14.46 -1.79 0.00	13.84 -1.68 0.00	11.93 -1.43 0.00	11.75 -1.41 0.00	11.20 -1.29 0.00	11.03 -1.27 0.00	11.40 -1.30 0.00	13.34 -1.58 0.00	18.67 -2.17 0.00	20.47 -2.22 0.00	14.89 -1.64 0.00	14.57 -1.62 0.00	11.69 -1.36 0.00	10.10 -1.17 0.00
NORTHPORT___1 23551	18.69 1.23 -5.90	15.79 1.19 -3.49	15.18 1.14 -3.34	14.88 1.15 -3.01	14.69 1.16 -2.82	15.58 1.18 -3.30	19.58 1.26 -6.85	24.53 1.19 -11.99	21.75 2.00 -2.68	19.86 2.05 -0.70	21.96 1.90 -3.81	21.20 1.81 -3.87	19.92 1.62 -4.94	19.55 1.61 -4.78	19.65 1.47 -5.69	20.74 1.44 -7.01	20.99 1.45 -6.85	26.42 1.75 -9.75	37.73 2.33 -14.56	33.61 2.50 -8.43	26.22 1.88 -7.81	27.72 1.84 -9.69	21.34 1.53 -6.76	20.41 1.28 -7.85
NORTHPORT___2 23552	18.69 1.23 -5.90	15.79 1.19 -3.49	15.18 1.14 -3.34	14.88 1.15 -3.01	14.69 1.16 -2.82	15.58 1.18 -3.30	19.58 1.26 -6.85	24.53 1.19 -11.99	21.75 2.00 -2.68	19.86 2.05 -0.70	21.96 1.90 -3.81	21.20 1.81 -3.87	19.92 1.62 -4.94	19.55 1.61 -4.78	19.65 1.47 -5.69	20.74 1.44 -7.01	20.99 1.45 -6.85	26.42 1.75 -9.75	37.73 2.33 -14.56	33.61 2.50 -8.43	26.22 1.88 -7.81	27.72 1.84 -9.69	21.34 1.53 -6.76	20.41 1.28 -7.85
NORTHPORT___3 23553	18.77 1.31 -5.90	15.86 1.26 -3.49	15.24 1.21 -3.34	14.94 1.21 -3.01	14.73 1.20 -2.82	15.64 1.24 -3.30	19.66 1.34 -6.85	24.65 1.32 -11.99	21.89 2.13 -2.68	19.96 2.16 -0.70	22.08 2.01 -3.81	21.32 1.94 -3.87	20.03 1.72 -4.94	19.65 1.71 -4.78	19.77 1.60 -5.69	20.86 1.56 -7.01	21.10 1.56 -6.85	26.55 1.88 -9.75	38.01 2.60 -14.56	33.91 2.79 -8.43	26.42 2.08 -7.81	27.94 2.06 -9.69	21.48 1.67 -6.76	20.51 1.39 -7.85



NORTHPORT____4 23650	18.77 1.31 -5.90	15.86 1.26 -3.49	15.24 1.21 -3.34	14.94 1.21 -3.01	14.73 1.20 -2.82	15.64 1.24 -3.30	19.66 1.34 -6.85	24.65 1.32 -11.99	21.89 2.13 -2.68	19.96 2.16 -0.70	22.08 2.01 -3.81	21.32 1.94 -3.87	20.03 1.72 -4.94	19.65 1.71 -4.78	19.77 1.60 -5.69	20.86 1.56 -7.01	21.10 1.56 -6.85	26.55 1.88 -9.75	38.01 2.60 -14.56	33.91 2.79 -8.43	26.42 2.08 -7.81	27.94 2.06 -9.69	21.48 1.67 -6.76	20.51 1.39 -7.85
NORTHPORT____IC 23718	18.69 1.23 -5.90	15.79 1.19 -3.49	15.18 1.14 -3.34	14.88 1.15 -3.01	14.69 1.16 -2.82	15.58 1.18 -3.30	19.58 1.26 -6.85	24.53 1.19 -11.99	21.75 2.00 -2.68	19.86 2.05 -0.70	21.96 1.90 -3.81	21.20 1.81 -3.87	19.92 1.62 -4.94	19.55 1.61 -4.78	19.65 1.47 -5.69	20.74 1.44 -7.01	20.99 1.45 -6.85	26.42 1.75 -9.75	37.73 2.33 -14.56	33.61 2.50 -8.43	26.22 1.88 -7.81	27.72 1.84 -9.69	21.34 1.53 -6.76	20.41 1.28 -7.85
NPX_GEN_1385_PROXY 323591	18.55 1.09 -5.90	15.71 1.11 -3.49	15.10 1.07 -3.34	14.80 1.07 -3.01	14.70 1.17 -2.82	15.50 1.10 -3.30	19.47 1.15 -6.85	24.21 0.87 -11.99	21.65 1.90 -2.68	19.86 2.05 -0.70	21.70 1.64 -3.81	21.12 1.74 -3.87	19.85 1.55 -4.94	19.48 1.54 -4.78	19.51 1.34 -5.69	20.58 1.28 -7.01	20.85 1.31 -6.85	26.24 1.57 -9.75	30.23 1.71 -7.68	28.79 1.82 -4.29	25.79 1.45 -7.81	23.44 1.36 -5.89	21.05 1.24 -6.76	20.22 1.09 -7.85
NPX_GEN_CSC 323557	18.99 1.53 -5.90	16.01 1.41 -3.49	15.40 1.37 -3.34	15.09 1.36 -3.01	14.88 1.35 -2.82	15.84 1.44 -3.30	19.85 1.53 -6.85	24.88 1.54 -11.99	21.77 2.01 -2.68	19.67 1.87 -0.70	21.54 1.46 -3.82	20.98 1.60 -3.87	19.69 1.39 -4.94	19.32 1.38 -4.78	19.48 1.31 -5.69	20.59 1.29 -7.01	20.88 1.33 -6.85	26.32 1.64 -9.75	37.75 2.35 -14.56	33.66 2.54 -8.43	26.19 1.85 -7.81	27.71 1.83 -9.69	21.31 1.50 -6.76	20.48 1.35 -7.85
NSINS_S_GLNS_FALLS 23858	19.16 0.97 -6.63	16.84 0.92 -4.80	15.76 0.90 -4.17	15.37 0.89 -3.77	15.38 0.90 -3.77	16.16 0.94 -4.12	18.92 1.00 -6.46	22.09 1.01 -9.73	18.72 1.64 0.00	18.77 1.66 0.00	17.74 1.49 0.00	16.88 1.37 0.00	15.65 1.20 -1.09	14.31 1.14 0.00	13.55 1.06 0.00	13.39 1.09 0.00	15.78 1.18 -1.90	19.53 1.46 -3.14	24.38 2.10 -1.43	24.98 2.29 0.00	22.28 1.64 -4.12	20.41 1.55 -2.67	19.72 1.23 -5.45	20.19 1.00 -7.91
NUCOR_STEEL____DRP 24197	12.38 0.22 -0.60	11.74 0.19 -0.43	11.25 0.18 -0.38	11.24 0.18 -0.34	11.24 0.18 -0.34	11.68 0.20 -0.37	12.27 0.22 -0.58	12.44 0.20 -0.88	17.35 0.27 0.00	17.40 0.29 0.00	16.51 0.26 0.00	15.76 0.25 0.00	13.64 0.19 -0.10	13.33 0.17 0.00	12.64 0.15 0.00	12.44 0.15 0.00	13.03 0.16 -0.17	15.42 0.21 -0.28	21.30 0.33 -0.13	23.07 0.39 0.00	17.13 0.23 -0.37	16.66 0.23 -0.24	13.71 0.17 -0.49	12.19 0.20 -0.72
NYISO_LBMP_REFERENCE 24008	11.56 0.00 0.00	11.12 0.00 0.00	10.69 0.00 0.00	10.72 0.00 0.00	10.72 0.00 0.00	11.10 0.00 0.00	11.47 0.00 0.00	11.35 0.00 0.00	17.08 0.00 0.00	17.11 0.00 0.00	16.25 0.00 0.00	15.51 0.00 0.00	13.36 0.00 0.00	13.16 0.00 0.00	12.49 0.00 0.00	12.30 0.00 0.00	12.69 0.00 0.00	14.92 0.00 0.00	20.84 0.00 0.00	22.69 0.00 0.00	16.52 0.00 0.00	16.19 0.00 0.00	13.05 0.00 0.00	11.27 0.00 0.00
NYPA_BRENTWD____GT 24164	18.89 1.42 -5.90	15.97 1.37 -3.49	15.35 1.31 -3.34	15.05 1.32 -3.01	14.85 1.32 -2.82	15.75 1.35 -3.30	19.76 1.44 -6.85	24.75 1.42 -11.99	21.99 2.24 -2.68	20.07 2.26 -0.70	22.10 2.01 -3.83	21.37 1.99 -3.87	20.04 1.74 -4.94	19.66 1.72 -4.78	19.78 1.61 -5.69	20.88 1.57 -7.01	21.16 1.61 -6.85	26.61 1.94 -9.75	38.11 2.71 -14.56	34.00 2.88 -8.43	26.48 2.15 -7.81	28.00 2.12 -9.69	21.53 1.72 -6.76	20.58 1.46 -7.85
NYPA_GOWANUS____GT5 24156	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NYPA_GOWANUS____GT6 24157	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74
NYPA_HARLEM_RVR_GT1 24160	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.40 1.33 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.95 1.83 -1.94	18.42 1.42 -3.95	18.14 1.13 -5.74
NYPA_HARLEM_RVR_GT2 24161	17.34 0.98 -4.80	15.56 0.97 -3.48	14.63 0.92 -3.02	14.36 0.92 -2.72	14.35 0.91 -2.72	15.00 0.92 -2.98	17.15 1.01 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.98 1.74 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.59 1.43 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.40 1.33 -1.37	18.81 1.61 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.31 1.80 -2.98	19.95 1.83 -1.94	18.42 1.42 -3.95	18.14 1.13 -5.74
NYPA_KENT____GT 24152	17.42 1.05 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.42 0.98 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.07 1.82 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.66 1.50 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.89 1.69 -2.28	24.23 2.35 -1.04	25.21 2.52 0.00	21.42 1.90 -2.99	20.02 1.89 -1.94	18.46 1.46 -3.95	18.18 1.16 -5.74
NYPA_POUCH1____GT 24155	17.40 1.03 -4.81	15.59 0.99 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.02 0.93 -2.99	17.16 1.01 -4.69	19.42 1.01 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	18.01 1.76 0.00	17.22 1.71 0.00	15.61 1.46 -0.79	14.61 1.45 0.00	13.82 1.34 0.00	13.60 1.30 0.00	15.42 1.35 -1.38	18.84 1.64 -2.28	24.17 2.29 -1.04	25.14 2.45 0.00	21.37 1.85 -2.99	19.97 1.84 -1.94	18.42 1.42 -3.95	18.13 1.12 -5.74
NYPA_VERNON____GT2 24162	17.42 1.05 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.07 1.82 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.66 1.50 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.89 1.69 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	20.00 1.88 -1.94	18.45 1.45 -3.95	18.17 1.15 -5.74



NYPA_VERNON____GT3 24163	17.42	15.62	14.69	14.42	14.41	15.08	17.22	19.48	18.87	18.96	18.07	17.26	15.66	14.66	13.87	13.65	15.47	18.89	24.21	25.16	21.38	20.00	18.45	18.17
	1.05	1.02	0.97	0.98	0.96	0.99	1.07	1.07	1.79	1.85	1.82	1.75	1.51	1.50	1.39	1.35	1.40	1.69	2.33	2.47	1.87	1.88	1.45	1.15
	-4.81	-3.49	-3.02	-2.73	-2.73	-2.99	-4.69	-7.06	0.00	0.00	0.00	0.00	-0.79	0.00	0.00	0.00	-1.38	-2.28	-1.04	0.00	-2.99	-1.94	-3.95	-5.74
NYPA____ASTORIA_CC1 323568	17.41	15.62	14.69	14.42	14.41	15.07	17.22	19.48	18.87	18.96	18.07	17.26	15.66	14.66	13.87	13.65	15.46	18.87	24.21	25.16	21.38	19.98	18.45	18.17
	1.04	1.02	0.97	0.98	0.96	0.98	1.07	1.07	1.79	1.85	1.82	1.75	1.51	1.50	1.39	1.35	1.38	1.67	2.33	2.47	1.87	1.86	1.45	1.15
	-4.81	-3.49	-3.02	-2.73	-2.73	-2.99	-4.69	-7.06	0.00	0.00	0.00	0.00	-0.79	0.00	0.00	0.00	-1.38	-2.28	-1.04	0.00	-2.99	-1.94	-3.95	-5.74
NYPA____ASTORIA_CC2 323569	17.41	15.62	14.69	14.42	14.41	15.07	17.22	19.48	18.87	18.96	18.07	17.26	15.66	14.66	13.87	13.65	15.46	18.87	24.21	25.16	21.38	19.98	18.45	18.17
	1.04	1.02	0.97	0.98	0.96	0.98	1.07	1.07	1.79	1.85	1.82	1.75	1.51	1.50	1.39	1.35	1.38	1.67	2.33	2.47	1.87	1.86	1.45	1.15
	-4.81	-3.49	-3.02	-2.73	-2.73	-2.99	-4.69	-7.06	0.00	0.00	0.00	0.00	-0.79	0.00	0.00	0.00	-1.38	-2.28	-1.04	0.00	-2.99	-1.94	-3.95	-5.74
NYPA____HOLTSVILL 23794	18.97	16.01	15.39	15.09	14.88	15.82	19.82	24.83	21.92	19.91	21.79	21.23	19.90	19.53	19.67	20.78	21.05	26.51	38.01	33.93	26.40	27.92	21.48	20.56
	1.50	1.41	1.36	1.36	1.35	1.42	1.50	1.50	2.17	2.10	1.71	1.84	1.60	1.59	1.50	1.47	1.51	1.84	2.60	2.81	2.07	2.04	1.67	1.43
	-5.90	-3.49	-3.34	-3.01	-2.82	-3.30	-6.85	-11.99	-2.68	-0.70	-3.83	-3.87	-4.94	-4.78	-5.69	-7.01	-6.85	-9.75	-14.56	-8.43	-7.81	-9.69	-6.76	-7.85
NYPA____HELLGATE_GT1 24158	17.34	15.56	14.63	14.36	14.35	15.00	17.15	19.41	18.78	18.87	17.98	17.18	15.59	14.59	13.80	13.58	15.40	18.81	24.10	25.04	21.31	19.95	18.42	18.14
	0.98	0.97	0.92	0.92	0.91	0.92	1.01	1.01	1.71	1.76	1.74	1.68	1.44	1.43	1.32	1.29	1.33	1.61	2.23	2.36	1.80	1.83	1.42	1.13
	-4.80	-3.48	-3.02	-2.72	-2.72	-2.98	-4.68	-7.05	0.01	0.01	0.01	0.01	-0.78	0.01	0.01	0.01	-1.37	-2.27	-1.03	0.01	-2.98	-1.94	-3.95	-5.74
NYPA____HELLGATE_GT2 24159	17.34	15.56	14.63	14.36	14.35	15.00	17.15	19.41	18.78	18.87	17.98	17.18	15.59	14.59	13.80	13.58	15.40	18.81	24.10	25.04	21.31	19.95	18.42	18.14
	0.98	0.97	0.92	0.92	0.91	0.92	1.01	1.01	1.71	1.76	1.74	1.68	1.44	1.43	1.32	1.29	1.33	1.61	2.23	2.36	1.80	1.83	1.42	1.13
	-4.80	-3.48	-3.02	-2.72	-2.72	-2.98	-4.68	-7.05	0.01	0.01	0.01	0.01	-0.78	0.01	0.01	0.01	-1.37	-2.27	-1.03	0.01	-2.98	-1.94	-3.95	-5.74
NYS_BARGE____HYD 23848	12.22	11.67	11.18	11.18	11.18	11.59	12.22	12.37	16.77	16.86	16.09	15.31	13.25	13.02	12.22	12.06	12.64	14.96	20.35	22.08	16.52	15.95	13.22	12.04
	-0.07	0.02	0.03	0.05	0.05	0.03	0.05	-0.05	-0.31	-0.26	-0.16	-0.20	-0.23	-0.14	-0.26	-0.23	-0.27	-0.31	-0.65	-0.61	-0.46	-0.53	-0.43	-0.10
	-0.73	-0.53	-0.46	-0.41	-0.41	-0.45	-0.71	-1.07	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	-0.21	-0.35	-0.16	0.00	-0.45	-0.29	-0.60	-0.87
O.H._GEN_BRUCE 24063	10.29	9.90	9.90	9.90	9.90	10.00	10.25	12.48	12.82	11.72	10.50	10.28	9.90	9.90	9.90	9.90	10.80	12.72	14.53	19.00	16.15	14.73	11.10	10.00
	0.00	0.08	0.10	0.11	0.11	0.08	0.08	0.01	-0.27	-0.24	-0.16	-0.19	-0.19	-0.12	-0.19	-0.17	-0.20	-0.24	-0.54	-0.52	-0.38	-0.44	-0.33	-0.01
	1.27	1.29	0.89	0.92	0.92	1.18	1.30	-1.12	3.98	5.15	5.59	5.05	3.27	3.14	2.40	2.22	1.69	1.97	5.77	3.17	0.00	1.02	1.62	1.26
OAK ORCHARD____HYD 24046	12.24	11.67	11.18	11.17	11.16	11.56	12.14	12.26	16.99	17.06	16.23	15.48	13.36	13.12	12.40	12.22	12.79	15.12	20.82	22.60	16.76	16.26	13.39	12.04
	0.08	0.12	0.12	0.12	0.11	0.09	0.09	0.03	-0.08	-0.05	-0.02	-0.03	-0.09	-0.04	-0.09	-0.07	-0.08	-0.09	-0.14	-0.09	-0.13	-0.16	-0.14	0.06
	-0.59	-0.43	-0.37	-0.34	-0.34	-0.37	-0.58	-0.87	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	-0.17	-0.28	-0.13	0.00	-0.37	-0.24	-0.49	-0.71
OCC_CHEM____DRP 24175	12.10	11.59	11.15	11.14	11.15	11.51	12.07	12.23	16.44	16.53	15.76	15.01	13.03	12.79	12.06	11.90	12.46	14.74	20.02	21.69	16.28	15.71	13.06	11.98
	-0.21	-0.07	-0.01	0.00	0.01	-0.06	-0.13	-0.22	-0.63	-0.58	-0.49	-0.50	-0.45	-0.37	-0.42	-0.39	-0.44	-0.54	-0.98	-1.00	-0.71	-0.78	-0.60	-0.19
	-0.75	-0.54	-0.47	-0.43	-0.43	-0.46	-0.73	-1.10	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	-0.21	-0.35	-0.16	0.00	-0.47	-0.30	-0.61	-0.89
OLIN_CORP_DRP 24177	12.03	11.48	11.00	11.00	11.00	11.40	12.03	12.19	16.43	16.51	15.76	15.00	13.00	12.77	11.99	11.83	12.40	14.69	19.96	21.62	16.22	15.65	12.99	11.87
	-0.29	-0.19	-0.17	-0.15	-0.15	-0.18	-0.17	-0.28	-0.65	-0.60	-0.49	-0.51	-0.48	-0.39	-0.50	-0.47	-0.51	-0.60	-1.04	-1.07	-0.78	-0.84	-0.68	-0.32
	-0.76	-0.55	-0.48	-0.43	-0.43	-0.47	-0.74	-1.12	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	-0.22	-0.36	-0.16	0.00	-0.47	-0.31	-0.62	-0.91
OLIN_CORP_DSASP 323712	12.10	11.59	11.15	11.14	11.15	11.51	12.07	12.23	16.44	16.53	15.76	15.01	13.03	12.79	12.06	11.90	12.46	14.74	20.02	21.69	16.28	15.71	13.06	11.98
	-0.21	-0.07	-0.01	0.00	0.01	-0.06	-0.13	-0.22	-0.63	-0.58	-0.49	-0.50	-0.45	-0.37	-0.42	-0.39	-0.44	-0.54	-0.98	-1.00	-0.71	-0.78	-0.60	-0.19
	-0.75	-0.54	-0.47	-0.43	-0.43	-0.46	-0.73	-1.10	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	-0.21	-0.35	-0.16	0.00	-0.47	-0.30	-0.61	-0.89
ONEIDA_HERK_LFGE 323681	11.68	11.22	10.78	10.80	10.81	11.22	11.59	11.47	17.31	17.35	16.46	15.68	13.49	13.27	12.59	12.39	12.80	15.04	21.13	23.07	16.72	16.37	13.15	11.38
	0.12	0.10	0.09	0.09	0.10	0.11	0.13	0.13	0.24	0.24	0.21	0.17	0.13	0.10	0.10	0.10	0.10	0.12	0.29	0.39	0.20	0.18	0.10	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	12.25	11.62	11.14	11.14	11.14	11.56	12.12	12.26	17.25	17.28	16.41	15.67	13.55	13.27	12.56	12.37	12.94	15.30	21.16	22.94	16.99	16.53	13.59	12.05
	0.15	0.12	0.12	0.12	0.12	0.12	0.14	0.13	0.17	0.17	0.16	0.16	0.11	0.10	0.08	0.07	0.09	0.12	0.21	0.25	0.13	0.13	0.10	0.14
	-0.53	-0.39	-0.33	-0.30	-0.30	-0.33	-0.52	-0.78	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	-0.15	-0.25	-0.11	0.00	-0.33	-0.21	-0.44	-0.63
ONONDAGA____COGEN 23986	12.21	11.60	11.12	11.11	11.11	11.53	12.08	12.21	17.21	17.25	16.38	15.64	13.52	13.24	12.54	12.36	12.91	15.26	21.12	22.89	16.94	16.49	13.56	12.01
	0.14	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.14	0.14	0.13	0.12	0.08	0.08	0.05	0.06	0.06	0.09	0.17	0.20	0.10	0.10	0.09	0.12
	-0.51	-0.37	-0.32	-0.29	-0.29	-0.32	-0.50	-0.75	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	-0.15	-0.24	-0.11	0.00	-0.32	-0.21	-0.42	-0.61



ONTARIO___LFGE 23819	12.61 0.34 -0.71	11.95 0.32 -0.51	11.44 0.30 -0.44	11.43 0.31 -0.40	11.43 0.31 -0.40	11.87 0.32 -0.44	12.54 0.39 -0.69	12.76 0.37 -1.04	17.54 0.46 0.00	17.59 0.48 0.00	16.72 0.47 0.00	15.93 0.42 0.00	13.78 0.31 -0.12	13.48 0.32 0.00	12.72 0.24 0.00	12.53 0.23 0.00	13.16 0.27 -0.20	15.63 0.37 -0.34	21.51 0.52 -0.15	23.30 0.61 0.00	17.33 0.36 -0.44	16.80 0.32 -0.28	13.86 0.24 -0.58	12.42 0.30 -0.84
ORANGEVILLE_WT_PWR 323706	12.73 0.27 -0.90	12.09 0.32 -0.65	11.57 0.31 -0.57	11.55 0.32 -0.51	11.56 0.33 -0.51	12.00 0.33 -0.56	12.78 0.44 -0.88	13.06 0.39 -1.33	17.42 0.34 0.00	17.51 0.39 0.00	16.70 0.45 0.00	15.90 0.39 0.00	13.79 0.28 -0.15	13.49 0.33 0.00	12.62 0.14 0.00	12.44 0.15 0.00	13.11 0.15 -0.26	15.56 0.21 -0.43	21.16 0.13 -0.19	22.89 0.20 0.00	17.20 0.12 -0.56	16.60 0.05 -0.36	13.79 0.00 -0.74	12.58 0.23 -1.08
OSWEGATCHIE___HYD 24044	10.63 -0.94 0.00	10.29 -0.82 0.00	9.91 -0.78 0.00	9.93 -0.78 0.00	9.96 -0.76 0.00	10.30 -0.80 0.00	10.54 -0.93 0.00	10.44 -0.91 0.00	15.76 -1.31 0.00	15.78 -1.33 0.00	14.97 -1.28 0.00	14.27 -1.24 0.00	12.29 -1.07 0.00	12.08 -1.08 0.00	11.49 -1.00 0.00	11.31 -0.98 0.00	11.69 -1.00 0.00	13.72 -1.21 0.00	19.28 -1.56 0.00	21.08 -1.61 0.00	15.29 -1.24 0.00	14.97 -1.21 0.00	12.02 -1.03 0.00	10.40 -0.88 0.00
OSWEGO___5 23606	11.81 -0.10 -0.35	11.26 -0.11 -0.25	10.81 -0.11 -0.22	10.81 -0.11 -0.20	10.81 -0.11 -0.20	11.21 -0.11 -0.22	11.68 -0.13 -0.34	11.73 -0.14 -0.52	16.82 -0.26 0.00	16.86 -0.26 0.00	16.01 -0.24 0.00	15.28 -0.23 0.00	13.20 -0.21 -0.06	12.95 -0.21 0.00	12.27 -0.21 0.00	12.10 -0.20 0.00	12.59 -0.20 -0.10	14.85 -0.24 -0.17	20.58 -0.33 -0.08	22.35 -0.34 0.00	16.46 -0.28 -0.22	16.07 -0.26 -0.14	13.14 -0.20 -0.29	11.57 -0.12 -0.42
OSWEGO___6 23613	11.81 -0.10 -0.35	11.26 -0.11 -0.25	10.81 -0.11 -0.22	10.81 -0.11 -0.20	10.81 -0.11 -0.20	11.21 -0.11 -0.22	11.68 -0.13 -0.34	11.73 -0.14 -0.52	16.82 -0.26 0.00	16.86 -0.26 0.00	16.01 -0.24 0.00	15.28 -0.23 0.00	13.20 -0.21 -0.06	12.95 -0.21 0.00	12.27 -0.21 0.00	12.10 -0.20 0.00	12.59 -0.20 -0.10	14.85 -0.24 -0.17	20.58 -0.33 -0.08	22.35 -0.34 0.00	16.46 -0.28 -0.22	16.07 -0.26 -0.14	13.14 -0.20 -0.29	11.57 -0.12 -0.42
OUTOKUMPU-AB___DRP 24206	12.45 0.13 -0.76	11.89 0.22 -0.55	11.41 0.23 -0.48	11.40 0.25 -0.43	11.41 0.26 -0.43	11.81 0.23 -0.47	12.52 0.31 -0.74	12.71 0.24 -1.12	17.14 0.07 0.00	17.25 0.14 0.00	16.48 0.23 0.00	15.67 0.16 0.00	13.57 0.08 -0.13	13.32 0.16 0.00	12.50 0.01 0.00	12.32 0.02 0.00	12.91 0.00 -0.22	15.29 0.00 -0.36	20.78 -0.23 -0.16	22.53 -0.16 0.00	16.88 -0.11 -0.47	16.28 -0.21 -0.31	13.50 -0.17 -0.63	12.33 0.15 -0.91
OXBOW___ 24026	12.31 -0.01 -0.75	11.76 0.10 -0.55	11.30 0.13 -0.47	11.29 0.15 -0.43	11.29 0.15 -0.43	11.68 0.11 -0.47	12.32 0.11 -0.74	12.49 0.03 -1.11	16.85 -0.22 0.00	16.94 -0.17 0.00	16.17 -0.08 0.00	15.39 -0.12 0.00	13.34 -0.15 -0.12	13.10 -0.07 0.00	12.31 -0.17 0.00	12.15 -0.15 0.00	12.72 -0.19 -0.22	15.06 -0.22 -0.36	20.46 -0.54 -0.16	22.17 -0.52 0.00	16.62 -0.38 -0.47	16.04 -0.45 -0.30	13.31 -0.35 -0.62	12.19 0.01 -0.90
OXY_CHEM_DSASP 323612	12.10 -0.21 -0.75	11.59 -0.07 -0.54	11.15 -0.01 -0.47	11.14 0.00 -0.43	11.15 0.01 -0.43	11.51 -0.06 -0.46	12.07 -0.13 -0.73	12.23 -0.22 -1.10	16.44 -0.63 0.00	16.53 -0.58 0.00	15.76 -0.49 0.00	15.01 -0.50 0.00	13.03 -0.45 -0.12	12.79 -0.37 0.00	12.06 -0.42 0.00	11.90 -0.39 0.00	12.46 -0.44 -0.21	14.74 -0.54 -0.35	20.02 -0.98 -0.16	21.69 -1.00 0.00	16.28 -0.71 -0.47	15.71 -0.78 -0.30	13.06 -0.60 -0.61	11.98 -0.19 -0.89
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	12.10 -0.21 -0.75	11.59 -0.07 -0.54	11.15 -0.01 -0.47	11.14 0.00 -0.43	11.15 0.01 -0.43	11.51 -0.06 -0.46	12.07 -0.13 -0.73	12.23 -0.22 -1.10	16.44 -0.63 0.00	16.53 -0.58 0.00	15.76 -0.49 0.00	15.01 -0.50 0.00	13.03 -0.45 -0.12	12.79 -0.37 0.00	12.06 -0.42 0.00	11.90 -0.39 0.00	12.46 -0.44 -0.21	14.74 -0.54 -0.35	20.02 -0.98 -0.16	21.69 -1.00 0.00	16.28 -0.71 -0.47	15.71 -0.78 -0.30	13.06 -0.60 -0.61	11.98 -0.19 -0.89
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.34 0.98 -4.80	15.55 0.96 -3.48	14.62 0.91 -3.02	14.35 0.91 -2.72	14.34 0.90 -2.72	15.00 0.92 -2.98	17.14 1.00 -4.68	19.41 1.01 -7.05	18.78 1.71 0.01	18.87 1.76 0.01	17.96 1.72 0.01	17.18 1.68 0.01	15.59 1.44 -0.78	14.57 1.42 0.01	13.80 1.32 0.01	13.58 1.29 0.01	15.39 1.32 -1.37	18.79 1.60 -2.27	24.10 2.23 -1.03	25.04 2.36 0.01	21.29 1.79 -2.98	19.92 1.80 -1.94	18.39 1.40 -3.95	18.12 1.11 -5.74
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.38 1.02 -4.80	15.58 0.99 -3.48	14.64 0.93 -3.02	14.37 0.93 -2.72	14.36 0.92 -2.72	15.03 0.94 -2.98	17.17 1.03 -4.68	19.44 1.03 -7.05	18.81 1.74 0.01	18.90 1.80 0.01	18.01 1.77 0.01	17.23 1.72 0.01	15.63 1.48 -0.78	14.63 1.47 0.01	13.84 1.36 0.01	13.60 1.32 0.01	15.43 1.36 -1.37	18.85 1.66 -2.27	24.18 2.31 -1.03	25.15 2.47 0.01	21.37 1.87 -2.98	20.00 1.88 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	12.81 0.42 -0.83	12.18 0.47 -0.60	11.65 0.44 -0.52	11.65 0.46 -0.47	11.65 0.46 -0.47	12.10 0.48 -0.51	12.93 0.65 -0.81	13.16 0.59 -1.22	17.69 0.61 0.00	17.78 0.67 0.00	16.98 0.73 0.00	16.15 0.64 0.00	13.99 0.49 -0.14	13.71 0.55 0.00	12.81 0.32 0.00	12.64 0.34 0.00	13.26 0.33 -0.24	15.73 0.42 -0.39	21.37 0.35 -0.18	23.17 0.48 0.00	17.39 0.35 -0.52	16.76 0.24 -0.33	13.90 0.17 -0.68	12.67 0.41 -0.99
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.50 1.01 -4.93	15.66 0.97 -3.57	14.72 0.93 -3.10	14.47 0.95 -2.80	14.45 0.93 -2.80	15.12 0.96 -3.06	17.30 1.03 -4.80	19.62 1.03 -7.24	18.82 1.74 0.00	18.89 1.78 0.00	17.92 1.67 0.00	17.11 1.60 0.00	15.55 1.38 -0.81	14.50 1.34 0.00	13.74 1.25 0.00	13.49 1.19 0.00	15.37 1.26 -1.42	18.81 1.55 -2.34	24.14 2.23 -1.06	25.05 2.36 0.00	21.33 1.73 -3.07	19.92 1.75 -1.99	18.40 1.30 -4.05	18.21 1.05 -5.89
PEEKSKILL___ 23653	17.17 0.84 -4.76	15.38 0.81 -3.45	14.46 0.77 -2.99	14.20 0.78 -2.70	14.19 0.77 -2.70	14.85 0.79 -2.96	16.96 0.86 -4.64	19.20 0.86 -6.99	18.54 1.47 0.00	18.62 1.51 0.00	17.68 1.43 0.00	16.89 1.38 0.00	15.35 1.20 -0.78	14.35 1.18 0.00	13.60 1.11 0.00	13.36 1.07 0.00	15.17 1.10 -1.37	18.52 1.34 -2.26	23.75 1.88 -1.03	24.66 1.97 0.00	20.97 1.49 -2.96	19.59 1.49 -1.92	18.09 1.13 -3.91	17.85 0.89 -5.68
PGE MADISON___WINDPWR 24146	14.09 0.99 -1.53	13.16 0.93 -1.11	12.54 0.89 -0.96	12.50 0.91 -0.87	12.52 0.93 -0.87	13.07 1.01 -0.95	14.09 1.14 -1.49	14.75 1.15 -2.25	18.85 1.78 0.00	18.89 1.78 0.00	17.94 1.69 0.00	17.03 1.52 0.00	14.87 1.26 -0.25	14.35 1.18 0.00	13.56 1.07 0.00	13.35 1.06 0.00	14.21 1.08 -0.44	16.96 1.31 -0.73	23.24 2.06 -0.33	25.07 2.38 0.00	19.00 1.52 -0.95	18.26 1.46 -0.62	15.36 1.06 -1.26	14.05 0.95 -1.83



PIERCEFIELD___HYD 23852	10.19 -1.38 0.00	9.97 -1.14 0.00	9.61 -1.08 0.00	9.63 -1.08 0.00	9.68 -1.04 0.00	9.97 -1.13 0.00	10.10 -1.36 0.00	10.03 -1.32 0.00	15.13 -1.95 0.00	15.11 -2.00 0.00	14.32 -1.93 0.00	13.68 -1.83 0.00	11.80 -1.56 0.00	11.62 -1.54 0.00	11.08 -1.41 0.00	10.89 -1.40 0.00	11.27 -1.42 0.00	13.19 -1.73 0.00	18.49 -2.36 0.00	20.24 -2.45 0.00	14.72 -1.80 0.00	14.41 -1.78 0.00	11.57 -1.47 0.00	10.01 -1.26 0.00
PINELAWN_CC_1 323563	18.79 1.33 -5.90	15.87 1.27 -3.49	15.25 1.22 -3.34	14.95 1.22 -3.01	14.75 1.22 -2.82	15.65 1.25 -3.30	19.67 1.35 -6.85	24.66 1.33 -11.99	21.89 2.13 -2.68	19.96 2.16 -0.70	22.15 1.98 -3.92	21.31 1.92 -3.88	20.00 1.70 -4.94	19.63 1.68 -4.78	19.75 1.57 -5.69	20.84 1.54 -7.01	21.11 1.56 -6.85	26.42 1.75 -9.75	37.80 2.40 -14.56	33.68 2.56 -8.43	26.27 1.93 -7.81	27.95 2.07 -9.69	21.49 1.68 -6.76	20.53 1.40 -7.85
PJM_GEN_HTP_PROXY 323702	17.39 1.02 -4.81	15.58 0.98 -3.48	14.64 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.18 1.03 -4.68	19.44 1.03 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.35 1.36 -3.95	18.09 1.07 -5.74
PJM_GEN_KEystone 24065	13.47 0.30 -1.61	12.61 0.33 -1.17	12.02 0.32 -1.01	11.97 0.34 -0.91	11.96 0.33 -0.91	12.42 0.32 -1.00	13.46 0.42 -1.57	14.08 0.37 -2.36	17.44 0.36 0.00	17.51 0.39 0.00	16.69 0.44 0.00	15.90 0.39 0.00	13.93 0.31 -0.26	13.50 0.34 0.00	12.72 0.24 0.00	12.54 0.25 0.00	13.40 0.24 -0.46	16.00 0.31 -0.76	21.44 0.25 -0.35	23.03 0.34 0.00	17.77 0.25 -1.00	17.03 0.19 -0.65	14.52 0.16 -1.32	13.49 0.29 -1.92
PJM_GEN_NEPTUNE_PROXY 323594	18.14 1.18 -5.39	15.74 1.13 -3.49	14.98 1.09 -3.19	14.69 1.09 -2.88	14.58 1.08 -2.78	15.38 1.12 -3.15	18.53 1.20 -5.86	22.26 1.18 -9.73	20.47 1.95 -1.45	19.47 1.98 -0.38	20.08 1.85 -1.98	19.39 1.78 -2.09	18.34 1.60 -3.38	17.70 1.58 -2.96	17.52 1.47 -3.56	17.68 1.44 -3.95	18.47 1.43 -4.34	22.97 1.72 -6.33	31.58 2.37 -8.36	29.77 2.52 -4.57	24.03 1.90 -5.60	24.20 1.88 -6.14	20.06 1.54 -5.48	19.88 1.27 -7.33
PJM_GEN_VFT_PROXY 323633	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.38 0.93 -2.73	15.04 0.96 -2.99	17.18 1.03 -4.68	19.44 1.03 -7.06	18.82 1.74 0.00	18.91 1.80 0.00	17.99 1.74 0.00	17.19 1.68 0.00	15.59 1.44 -0.79	14.61 1.45 0.00	13.82 1.34 0.00	13.60 1.30 0.00	15.42 1.35 -1.38	18.81 1.61 -2.28	24.11 2.23 -1.04	25.03 2.34 0.00	21.32 1.80 -2.99	19.90 1.78 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
PLEASANTVLY___LBMP 24000	17.44 0.88 -4.99	15.58 0.84 -3.62	14.64 0.80 -3.14	14.37 0.81 -2.84	14.36 0.80 -2.84	15.04 0.83 -3.10	17.23 0.89 -4.87	19.57 0.89 -7.34	18.56 1.48 0.00	18.63 1.52 0.00	17.71 1.46 0.00	16.91 1.40 0.00	15.40 1.22 -0.82	14.36 1.20 0.00	13.61 1.12 0.00	13.39 1.09 0.00	15.26 1.13 -1.43	18.65 1.36 -2.37	23.80 1.88 -1.08	24.69 2.00 0.00	21.14 1.50 -3.11	19.69 1.49 -2.01	18.30 1.15 -4.11	18.14 0.90 -5.96
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	17.34 0.94 -4.84	15.53 0.90 -3.51	14.60 0.87 -3.05	14.34 0.87 -2.75	14.33 0.86 -2.75	14.99 0.88 -3.01	17.14 0.95 -4.72	19.40 0.94 -7.11	18.66 1.59 0.00	18.74 1.63 0.00	17.81 1.56 0.00	17.02 1.50 0.00	15.47 1.31 -0.80	14.45 1.29 0.00	13.70 1.21 0.00	13.46 1.17 0.00	15.30 1.22 -1.39	18.68 1.46 -2.29	23.93 2.04 -1.05	24.85 2.16 0.00	21.17 1.64 -3.01	19.76 1.62 -1.95	18.27 1.24 -3.98	18.04 0.98 -5.78
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.62 0.97 -5.08	15.74 0.93 -3.69	14.79 0.90 -3.20	14.51 0.90 -2.89	14.51 0.90 -2.89	15.18 0.92 -3.16	17.42 1.00 -4.96	19.79 0.98 -7.47	18.72 1.64 0.00	18.77 1.66 0.00	17.83 1.58 0.00	17.02 1.50 0.00	15.51 1.31 -0.84	14.44 1.28 0.00	13.69 1.20 0.00	13.45 1.16 0.00	15.36 1.21 -1.46	18.81 1.48 -2.41	24.02 2.08 -1.10	24.89 2.20 0.00	21.32 1.64 -3.16	19.87 1.63 -2.05	18.47 1.24 -4.18	18.34 0.99 -6.07
POLETTI____ 23519	17.39 1.02 -4.81	15.58 0.98 -3.49	14.63 0.92 -3.02	14.37 0.92 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.68	19.43 1.02 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.41 1.33 -1.38	18.81 1.61 -2.28	24.09 2.21 -1.04	25.00 2.32 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
PORT_JEFF_3 23555	18.98 1.51 -5.90	16.02 1.42 -3.49	15.41 1.38 -3.34	15.11 1.38 -3.01	14.90 1.37 -2.82	15.84 1.44 -3.30	19.83 1.51 -6.85	24.86 1.52 -11.99	21.96 2.20 -2.68	19.96 2.16 -0.70	21.84 1.76 -3.83	21.26 1.88 -3.87	19.93 1.63 -4.94	19.56 1.62 -4.78	19.70 1.52 -5.69	20.80 1.50 -7.01	21.08 1.54 -6.85	26.55 1.88 -9.75	38.03 2.63 -14.56	34.00 2.88 -8.43	26.45 2.12 -7.81	27.97 2.09 -9.69	21.51 1.70 -6.76	20.58 1.46 -7.85
PORT_JEFF_4 23616	18.98 1.51 -5.90	16.02 1.42 -3.49	15.41 1.38 -3.34	15.11 1.38 -3.01	14.90 1.37 -2.82	15.84 1.44 -3.30	19.83 1.51 -6.85	24.86 1.52 -11.99	21.96 2.20 -2.68	19.96 2.16 -0.70	21.84 1.76 -3.83	21.26 1.88 -3.87	19.93 1.63 -4.94	19.56 1.62 -4.78	19.70 1.52 -5.69	20.80 1.50 -7.01	21.08 1.54 -6.85	26.55 1.88 -9.75	38.03 2.63 -14.56	34.00 2.88 -8.43	26.45 2.12 -7.81	27.97 2.09 -9.69	21.51 1.70 -6.76	20.58 1.46 -7.85
PORT_JEFF_IC 23713	19.00 1.54 -5.90	16.05 1.44 -3.49	15.43 1.40 -3.34	15.13 1.40 -3.01	14.92 1.39 -2.82	15.87 1.47 -3.30	19.86 1.54 -6.85	24.88 1.54 -11.99	21.99 2.24 -2.68	19.98 2.17 -0.70	21.85 1.77 -3.83	21.29 1.91 -3.87	19.96 1.66 -4.94	19.59 1.64 -4.78	19.72 1.55 -5.69	20.83 1.52 -7.01	21.10 1.56 -6.85	26.58 1.91 -9.75	38.05 2.65 -14.56	34.07 2.95 -8.43	26.48 2.15 -7.81	28.00 2.12 -9.69	21.53 1.72 -6.76	20.60 1.48 -7.85
PPL PILGRIM_ST_GT1 24216	18.89 1.42 -5.90	15.97 1.37 -3.49	15.35 1.31 -3.34	15.05 1.32 -3.01	14.85 1.32 -2.82	15.75 1.35 -3.30	19.76 1.44 -6.85	24.75 1.42 -11.99	21.99 2.24 -2.68	20.07 2.26 -0.70	22.10 2.01 -3.83	21.37 1.99 -3.87	20.04 1.74 -4.94	19.66 1.72 -4.78	19.78 1.61 -5.69	20.88 1.57 -7.01	21.16 1.61 -6.85	26.61 1.94 -9.75	38.11 2.71 -14.56	34.00 2.88 -8.43	26.48 2.15 -7.81	28.00 2.12 -9.69	21.53 1.72 -6.76	20.58 1.46 -7.85
PPL PILGRIM_ST_GT2 24217	18.89 1.42 -5.90	15.97 1.37 -3.49	15.35 1.31 -3.34	15.05 1.32 -3.01	14.85 1.32 -2.82	15.75 1.35 -3.30	19.76 1.44 -6.85	24.75 1.42 -11.99	21.99 2.24 -2.68	20.07 2.26 -0.70	22.10 2.01 -3.83	21.37 1.99 -3.87	20.04 1.74 -4.94	19.66 1.72 -4.78	19.78 1.61 -5.69	20.88 1.57 -7.01	21.16 1.61 -6.85	26.61 1.94 -9.75	38.11 2.71 -14.56	34.00 2.88 -8.43	26.48 2.15 -7.81	28.00 2.12 -9.69	21.53 1.72 -6.76	20.58 1.46 -7.85



PPL_SHRM_GT3 24213	19.00 1.54 -5.90	16.01 1.41 -3.49	15.40 1.37 -3.34	15.10 1.37 -3.01	14.89 1.36 -2.82	15.85 1.45 -3.30	19.86 1.54 -6.85	24.88 1.54 -11.99	21.79 2.03 -2.68	19.69 1.88 -0.70	21.54 1.46 -3.83	21.00 1.61 -3.87	19.70 1.40 -4.94	19.34 1.39 -4.78	19.48 1.31 -5.69	20.60 1.30 -7.01	20.89 1.35 -6.85	26.33 1.66 -9.75	37.78 2.37 -14.56	33.68 2.56 -8.43	26.20 1.87 -7.81	27.74 1.86 -9.69	21.32 1.51 -6.76	20.49 1.36 -7.85
PPL_SHRM_GT4 24214	19.00 1.54 -5.90	16.01 1.41 -3.49	15.40 1.37 -3.34	15.10 1.37 -3.01	14.89 1.36 -2.82	15.85 1.45 -3.30	19.86 1.54 -6.85	24.88 1.54 -11.99	21.79 2.03 -2.68	19.69 1.88 -0.70	21.54 1.46 -3.83	21.00 1.61 -3.87	19.70 1.40 -4.94	19.34 1.39 -4.78	19.48 1.31 -5.69	20.60 1.30 -7.01	20.89 1.35 -6.85	26.33 1.66 -9.75	37.78 2.37 -14.56	33.68 2.56 -8.43	26.20 1.87 -7.81	27.74 1.86 -9.69	21.32 1.51 -6.76	20.49 1.36 -7.85
PROJECT___ORANGE 1 24174	12.07 0.08 -0.42	11.48 0.06 -0.31	11.01 0.05 -0.27	11.01 0.05 -0.24	11.01 0.05 -0.24	11.42 0.06 -0.26	11.94 0.06 -0.41	12.03 0.06 -0.62	17.13 0.05 0.00	17.16 0.05 0.00	16.30 0.05 0.00	15.56 0.05 0.00	13.44 0.01 -0.07	13.17 0.01 0.00	12.49 0.00 0.00	12.30 0.00 0.00	12.82 0.00 -0.12	15.14 0.01 -0.20	20.97 0.04 -0.09	22.76 0.07 0.00	16.79 0.00 -0.26	16.37 0.02 -0.17	13.41 0.01 -0.35	11.85 0.07 -0.51
PROJECT___ORANGE 2 24166	12.07 0.08 -0.42	11.48 0.06 -0.31	11.01 0.05 -0.27	11.01 0.05 -0.24	11.01 0.05 -0.24	11.42 0.06 -0.26	11.94 0.06 -0.41	12.03 0.06 -0.62	17.13 0.05 0.00	17.16 0.05 0.00	16.30 0.05 0.00	15.56 0.05 0.00	13.44 0.01 -0.07	13.17 0.01 0.00	12.49 0.00 0.00	12.30 0.00 0.00	12.82 0.00 -0.12	15.14 0.01 -0.20	20.97 0.04 -0.09	22.76 0.07 0.00	16.79 0.00 -0.26	16.37 0.02 -0.17	13.41 0.01 -0.35	11.85 0.07 -0.51
PYRITES___HYD 24023	10.34 -1.23 0.00	10.10 -1.01 0.00	9.74 -0.95 0.00	9.76 -0.95 0.00	9.81 -0.91 0.00	10.12 -0.99 0.00	10.25 -1.22 0.00	10.19 -1.16 0.00	15.37 -1.71 0.00	15.35 -1.76 0.00	14.56 -1.69 0.00	13.90 -1.61 0.00	11.98 -1.38 0.00	11.79 -1.37 0.00	11.24 -1.25 0.00	11.07 -1.23 0.00	11.44 -1.26 0.00	13.40 -1.52 0.00	18.80 -2.04 0.00	20.58 -2.11 0.00	14.95 -1.57 0.00	14.65 -1.54 0.00	11.74 -1.30 0.00	10.16 -1.12 0.00
RAMAPO___LBMP 323565	17.00 0.81 -4.63	15.25 0.78 -3.36	14.34 0.74 -2.91	14.09 0.74 -2.63	14.09 0.74 -2.63	14.74 0.76 -2.88	16.80 0.83 -4.51	18.97 0.82 -6.80	18.46 1.38 0.00	18.53 1.42 0.00	17.62 1.37 0.00	16.83 1.32 0.00	15.26 1.13 -0.76	14.29 1.13 0.00	13.55 1.06 0.00	13.33 1.03 0.00	15.08 1.05 -1.33	18.40 1.28 -2.19	23.63 1.79 -1.00	24.57 1.88 0.00	20.83 1.42 -2.88	19.46 1.41 -1.87	17.93 1.08 -3.81	17.66 0.86 -5.53
RANKINE____ 23646	12.66 0.29 -0.81	12.06 0.36 -0.59	11.55 0.35 -0.51	11.54 0.36 -0.46	11.54 0.36 -0.46	11.99 0.38 -0.50	12.77 0.52 -0.79	13.00 0.45 -1.19	17.49 0.41 0.00	17.57 0.46 0.00	16.79 0.54 0.00	15.96 0.45 0.00	13.83 0.33 -0.13	13.56 0.39 0.00	12.66 0.17 0.00	12.48 0.18 0.00	13.09 0.16 -0.23	15.52 0.21 -0.38	21.08 0.06 -0.18	22.85 0.16 0.00	17.15 0.12 -0.50	16.53 0.02 -0.33	13.73 0.01 -0.67	12.53 0.28 -0.97
RAVENSWOOD_GT2_1 24244	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.18 1.03 -4.69	19.43 1.02 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
RAVENSWOOD_GT2_2 24245	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.18 1.03 -4.69	19.43 1.02 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
RAVENSWOOD_GT2_3 24246	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.05 0.96 -2.99	17.18 1.03 -4.69	19.44 1.03 -7.06	18.82 1.74 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.59 1.44 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.41 1.33 -1.38	18.81 1.61 -2.28	24.11 2.23 -1.04	25.05 2.36 0.00	21.30 1.79 -2.99	19.90 1.78 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
RAVENSWOOD_GT2_4 24247	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.05 0.96 -2.99	17.18 1.03 -4.69	19.44 1.03 -7.06	18.82 1.74 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.59 1.44 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.41 1.33 -1.38	18.81 1.61 -2.28	24.11 2.23 -1.04	25.05 2.36 0.00	21.30 1.79 -2.99	19.90 1.78 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
RAVENSWOOD_GT3_1 24248	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.18 1.03 -4.69	19.44 1.03 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.11 2.23 -1.04	25.05 2.36 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
RAVENSWOOD_GT3_2 24249	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.18 1.03 -4.69	19.44 1.03 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.11 2.23 -1.04	25.05 2.36 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
RAVENSWOOD_GT3_3 24250	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.05 0.96 -2.99	17.19 1.04 -4.69	19.45 1.04 -7.06	18.82 1.74 0.00	18.91 1.80 0.00	17.99 1.74 0.00	17.19 1.68 0.00	15.61 1.46 -0.79	14.60 1.43 0.00	13.82 1.34 0.00	13.60 1.30 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.32 1.80 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
RAVENSWOOD_GT3_4 24251	17.40 1.03 -4.81	15.59 0.99 -3.49	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.05 0.96 -2.99	17.19 1.04 -4.69	19.45 1.04 -7.06	18.82 1.74 0.00	18.91 1.80 0.00	17.99 1.74 0.00	17.19 1.68 0.00	15.61 1.46 -0.79	14.60 1.43 0.00	13.82 1.34 0.00	13.60 1.30 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.32 1.80 -2.99	19.92 1.80 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74



RAVENSWOOD_GT_1 23729	17.42 1.05 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.07 1.82 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.66 1.50 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.89 1.69 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	20.00 1.88 -1.94	18.45 1.45 -3.95	18.17 1.15 -5.74
RAVENSWOOD_GT_10 24258	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.69	19.43 1.02 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.35 1.36 -3.95	18.10 1.08 -5.74
RAVENSWOOD_GT_11 24259	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.69	19.43 1.02 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.35 1.36 -3.95	18.10 1.08 -5.74
RAVENSWOOD_GT_4 24252	17.38 1.01 -4.81	15.57 0.97 -3.49	14.64 0.92 -3.02	14.37 0.92 -2.73	14.36 0.91 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.69	19.43 1.02 -7.06	18.80 1.72 0.00	18.87 1.76 0.00	17.96 1.71 0.00	17.15 1.64 0.00	15.57 1.42 -0.79	14.57 1.41 0.00	13.80 1.31 0.00	13.57 1.28 0.00	15.38 1.31 -1.38	18.78 1.58 -2.28	24.07 2.19 -1.04	25.00 2.32 0.00	21.28 1.77 -2.99	19.87 1.75 -1.94	18.35 1.36 -3.95	18.09 1.07 -5.74
RAVENSWOOD_GT_5 24254	17.38 1.01 -4.81	15.57 0.97 -3.49	14.64 0.92 -3.02	14.37 0.92 -2.73	14.36 0.91 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.69	19.43 1.02 -7.06	18.80 1.72 0.00	18.87 1.76 0.00	17.96 1.71 0.00	17.15 1.64 0.00	15.57 1.42 -0.79	14.57 1.41 0.00	13.80 1.31 0.00	13.57 1.28 0.00	15.38 1.31 -1.38	18.78 1.58 -2.28	24.07 2.19 -1.04	25.00 2.32 0.00	21.28 1.77 -2.99	19.87 1.75 -1.94	18.35 1.36 -3.95	18.09 1.07 -5.74
RAVENSWOOD_GT_6 24253	17.38 1.01 -4.81	15.57 0.97 -3.49	14.64 0.92 -3.02	14.37 0.92 -2.73	14.36 0.91 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.69	19.43 1.02 -7.06	18.80 1.72 0.00	18.87 1.76 0.00	17.96 1.71 0.00	17.15 1.64 0.00	15.57 1.42 -0.79	14.57 1.41 0.00	13.80 1.31 0.00	13.57 1.28 0.00	15.38 1.31 -1.38	18.78 1.58 -2.28	24.07 2.19 -1.04	25.00 2.32 0.00	21.28 1.77 -2.99	19.87 1.75 -1.94	18.35 1.36 -3.95	18.09 1.07 -5.74
RAVENSWOOD_GT_7 24255	17.38 1.01 -4.81	15.57 0.97 -3.49	14.64 0.92 -3.02	14.37 0.92 -2.73	14.36 0.91 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.69	19.43 1.02 -7.06	18.80 1.72 0.00	18.87 1.76 0.00	17.96 1.71 0.00	17.15 1.64 0.00	15.57 1.42 -0.79	14.57 1.41 0.00	13.80 1.31 0.00	13.57 1.28 0.00	15.38 1.31 -1.38	18.78 1.58 -2.28	24.07 2.19 -1.04	25.00 2.32 0.00	21.28 1.77 -2.99	19.87 1.75 -1.94	18.35 1.36 -3.95	18.09 1.07 -5.74
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.69	19.43 1.02 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.35 1.36 -3.95	18.10 1.08 -5.74
RAVENSWOOD_GT_9 24257	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.17 1.02 -4.69	19.43 1.02 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.09 2.21 -1.04	25.03 2.34 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.35 1.36 -3.95	18.10 1.08 -5.74
RAVENSWOOD___1 23533	17.42 1.05 -4.81	15.62 1.02 -3.49	14.69 0.97 -3.02	14.42 0.98 -2.73	14.41 0.96 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.96 1.85 0.00	18.05 1.80 0.00	17.26 1.75 0.00	15.66 1.51 -0.79	14.65 1.49 0.00	13.87 1.39 0.00	13.65 1.35 0.00	15.46 1.38 -1.38	18.87 1.67 -2.28	24.21 2.33 -1.04	25.16 2.47 0.00	21.38 1.87 -2.99	19.98 1.86 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
RAVENSWOOD___2 23534	17.41 1.04 -4.81	15.61 1.01 -3.49	14.68 0.96 -3.02	14.41 0.96 -2.73	14.41 0.96 -2.73	15.07 0.98 -2.99	17.22 1.07 -4.69	19.47 1.06 -7.06	18.87 1.79 0.00	18.94 1.83 0.00	18.05 1.80 0.00	17.25 1.74 0.00	15.65 1.50 -0.79	14.65 1.49 0.00	13.87 1.39 0.00	13.64 1.34 0.00	15.46 1.38 -1.38	18.87 1.67 -2.28	24.19 2.31 -1.04	25.16 2.47 0.00	21.37 1.85 -2.99	19.98 1.86 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
RAVENSWOOD___3 23535	17.39 1.02 -4.81	15.58 0.98 -3.49	14.65 0.93 -3.02	14.38 0.93 -2.73	14.37 0.92 -2.73	15.03 0.94 -2.99	17.18 1.03 -4.69	19.44 1.03 -7.06	18.80 1.72 0.00	18.89 1.78 0.00	17.97 1.72 0.00	17.17 1.66 0.00	15.58 1.43 -0.79	14.58 1.42 0.00	13.81 1.32 0.00	13.59 1.29 0.00	15.40 1.32 -1.38	18.80 1.60 -2.28	24.11 2.23 -1.04	25.05 2.36 0.00	21.30 1.79 -2.99	19.89 1.76 -1.94	18.37 1.37 -3.95	18.10 1.08 -5.74
RAVENSWOOD___4 23820	17.41 1.04 -4.81	15.61 1.01 -3.49	14.68 0.96 -3.02	14.41 0.96 -2.73	14.40 0.95 -2.73	15.07 0.98 -2.99	17.20 1.05 -4.69	19.47 1.06 -7.06	18.85 1.78 0.00	18.94 1.83 0.00	18.05 1.80 0.00	17.25 1.74 0.00	15.65 1.50 -0.79	14.65 1.49 0.00	13.86 1.37 0.00	13.64 1.34 0.00	15.46 1.38 -1.38	18.86 1.66 -2.28	24.19 2.31 -1.04	25.14 2.45 0.00	21.37 1.85 -2.99	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
RCPI_TRUST___DRP 24196	17.40 1.03 -4.81	15.59 0.99 -3.48	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.04 0.96 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.91 1.80 0.00	17.99 1.74 0.00	17.19 1.68 0.00	15.59 1.44 -0.79	14.60 1.43 0.00	13.82 1.34 0.00	13.60 1.30 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.32 1.80 -2.99	19.90 1.78 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
RENSSELAER___COGEN 23796	18.45 0.75 -6.14	16.29 0.72 -4.45	15.25 0.69 -3.86	14.90 0.70 -3.49	14.90 0.70 -3.49	15.64 0.72 -3.81	18.23 0.78 -5.98	21.13 0.76 -9.02	18.15 1.08 0.00	18.21 1.10 0.00	17.28 1.02 0.00	16.49 0.98 0.00	15.23 0.86 -1.01	14.00 0.84 0.00	13.27 0.79 0.00	13.07 0.78 0.00	15.27 0.81 -1.76	18.68 0.85 -2.91	23.35 1.19 -1.33	23.94 1.25 0.00	21.27 0.92 -3.82	19.60 0.94 -2.47	18.90 0.81 -5.05	19.21 0.61 -7.33



REVERE_CPPR_DRP 24186	12.03 0.32 -0.14	11.50 0.29 -0.10	11.05 0.27 -0.09	11.06 0.27 -0.08	11.07 0.28 -0.08	11.50 0.31 -0.09	11.93 0.33 -0.14	11.89 0.34 -0.20	17.62 0.55 0.00	17.66 0.55 0.00	16.77 0.52 0.00	15.96 0.45 0.00	13.76 0.37 -0.02	13.50 0.34 0.00	12.80 0.31 0.00	12.60 0.31 0.00	13.05 0.32 -0.04	15.38 0.39 -0.07	21.54 0.67 -0.03	23.48 0.79 0.00	17.09 0.48 -0.09	16.71 0.47 -0.06	13.49 0.33 -0.11	11.73 0.29 -0.17
RIVERBAY____ 323610	17.38 1.02 -4.80	15.58 0.99 -3.48	14.64 0.93 -3.02	14.37 0.93 -2.72	14.36 0.92 -2.72	15.03 0.94 -2.98	17.17 1.03 -4.68	19.44 1.03 -7.05	18.81 1.74 0.01	18.90 1.80 0.01	18.01 1.77 0.01	17.23 1.72 0.01	15.63 1.48 -0.78	14.63 1.47 0.01	13.84 1.36 0.01	13.60 1.32 0.01	15.43 1.36 -1.37	18.85 1.66 -2.27	24.18 2.31 -1.03	25.15 2.47 0.01	21.37 1.87 -2.98	20.00 1.88 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
ROCHESTER_9_IC 23652	12.27 0.12 -0.59	11.69 0.14 -0.43	11.20 0.14 -0.37	11.19 0.14 -0.34	11.18 0.13 -0.34	11.58 0.11 -0.37	12.16 0.11 -0.58	12.27 0.06 -0.87	17.02 -0.05 0.00	17.09 -0.02 0.00	16.27 0.02 0.00	15.51 0.00 0.00	13.40 -0.05 -0.10	13.15 -0.01 0.00	12.43 -0.06 0.00	12.26 -0.04 0.00	12.83 -0.04 -0.17	15.16 -0.04 -0.28	20.89 -0.08 -0.13	22.67 -0.02 0.00	16.81 -0.08 -0.37	16.30 -0.13 -0.24	13.41 -0.12 -0.49	12.06 0.08 -0.71
ROSETON____1 23587	17.21 0.83 -4.82	15.41 0.80 -3.49	14.48 0.76 -3.03	14.23 0.77 -2.74	14.21 0.76 -2.74	14.88 0.79 -2.99	17.01 0.85 -4.69	19.26 0.84 -7.07	18.49 1.42 0.00	18.57 1.45 0.00	17.63 1.38 0.00	16.85 1.33 0.00	15.30 1.15 -0.79	14.31 1.14 0.00	13.56 1.07 0.00	13.34 1.04 0.00	15.14 1.07 -1.38	18.50 1.30 -2.28	23.67 1.79 -1.04	24.59 1.91 0.00	20.96 1.44 -3.00	19.55 1.42 -1.94	18.10 1.10 -3.96	17.89 0.87 -5.75
ROSETON____2 23588	17.21 0.83 -4.82	15.41 0.80 -3.49	14.48 0.76 -3.03	14.23 0.77 -2.74	14.21 0.76 -2.74	14.88 0.79 -2.99	17.01 0.85 -4.69	19.26 0.84 -7.07	18.49 1.42 0.00	18.57 1.45 0.00	17.63 1.38 0.00	16.85 1.33 0.00	15.30 1.15 -0.79	14.31 1.14 0.00	13.56 1.07 0.00	13.34 1.04 0.00	15.14 1.07 -1.38	18.50 1.30 -2.28	23.67 1.79 -1.04	24.59 1.91 0.00	20.96 1.44 -3.00	19.55 1.42 -1.94	18.10 1.10 -3.96	17.89 0.87 -5.75
RUSSELL____1 23602	12.32 0.16 -0.59	11.73 0.19 -0.43	11.25 0.18 -0.37	11.23 0.18 -0.34	11.22 0.17 -0.34	11.62 0.14 -0.37	12.20 0.16 -0.58	12.32 0.10 -0.87	17.11 0.03 0.00	17.18 0.07 0.00	16.35 0.10 0.00	15.59 0.08 0.00	13.46 0.00 -0.10	13.20 0.04 0.00	12.47 -0.01 0.00	12.31 0.01 0.00	12.88 0.01 -0.17	15.22 0.01 -0.28	20.99 0.02 -0.13	22.78 0.09 0.00	16.89 0.00 -0.37	16.38 -0.05 -0.24	13.47 -0.06 -0.49	12.12 0.14 -0.71
RUSSELL____2 23532	12.32 0.16 -0.59	11.73 0.19 -0.43	11.25 0.18 -0.37	11.23 0.18 -0.34	11.22 0.17 -0.34	11.62 0.14 -0.37	12.20 0.16 -0.58	12.32 0.10 -0.87	17.11 0.03 0.00	17.18 0.07 0.00	16.35 0.10 0.00	15.59 0.08 0.00	13.46 0.00 -0.10	13.20 0.04 0.00	12.47 -0.01 0.00	12.31 0.01 0.00	12.88 0.01 -0.17	15.22 0.01 -0.28	20.99 0.02 -0.13	22.78 0.09 0.00	16.89 0.00 -0.37	16.38 -0.05 -0.24	13.47 -0.06 -0.49	12.12 0.14 -0.71
RUSSELL____3 23549	12.32 0.16 -0.59	11.73 0.19 -0.43	11.25 0.18 -0.37	11.23 0.18 -0.34	11.22 0.17 -0.34	11.62 0.14 -0.37	12.20 0.16 -0.58	12.32 0.10 -0.87	17.11 0.03 0.00	17.18 0.07 0.00	16.35 0.10 0.00	15.59 0.08 0.00	13.46 0.00 -0.10	13.20 0.04 0.00	12.47 -0.01 0.00	12.31 0.01 0.00	12.88 0.01 -0.17	15.22 0.01 -0.28	20.99 0.02 -0.13	22.78 0.09 0.00	16.89 0.00 -0.37	16.38 -0.05 -0.24	13.47 -0.06 -0.49	12.12 0.14 -0.71
RUSSELL____4 23556	12.32 0.16 -0.59	11.73 0.19 -0.43	11.25 0.18 -0.37	11.23 0.18 -0.34	11.22 0.17 -0.34	11.62 0.14 -0.37	12.20 0.16 -0.58	12.32 0.10 -0.87	17.11 0.03 0.00	17.18 0.07 0.00	16.35 0.10 0.00	15.59 0.08 0.00	13.46 0.00 -0.10	13.20 0.04 0.00	12.47 -0.01 0.00	12.31 0.01 0.00	12.88 0.01 -0.17	15.22 0.01 -0.28	20.99 0.02 -0.13	22.78 0.09 0.00	16.89 0.00 -0.37	16.38 -0.05 -0.24	13.47 -0.06 -0.49	12.12 0.14 -0.71
RUSSELL____STATION 23914	12.32 0.16 -0.59	11.73 0.19 -0.43	11.25 0.18 -0.37	11.23 0.18 -0.34	11.22 0.17 -0.34	11.62 0.14 -0.37	12.20 0.16 -0.58	12.32 0.10 -0.87	17.11 0.03 0.00	17.18 0.07 0.00	16.35 0.10 0.00	15.59 0.08 0.00	13.46 0.00 -0.10	13.20 0.04 0.00	12.47 -0.01 0.00	12.31 0.01 0.00	12.88 0.01 -0.17	15.22 0.01 -0.28	20.99 0.02 -0.13	22.78 0.09 0.00	16.89 0.00 -0.37	16.38 -0.05 -0.24	13.47 -0.06 -0.49	12.12 0.14 -0.71
S SALMON____HYD 24043	11.67 -0.21 -0.32	11.14 -0.21 -0.23	10.68 -0.21 -0.20	10.68 -0.21 -0.18	10.68 -0.21 -0.18	11.09 -0.21 -0.20	11.55 -0.23 -0.31	11.58 -0.24 -0.47	16.72 -0.36 0.00	16.75 -0.36 0.00	15.91 -0.34 0.00	15.17 -0.34 0.00	13.09 -0.32 -0.05	12.84 -0.32 0.00	12.18 -0.31 0.00	11.99 -0.31 0.00	12.47 -0.32 -0.09	14.72 -0.36 -0.15	20.47 -0.44 -0.07	22.26 -0.43 0.00	16.34 -0.38 -0.20	15.94 -0.37 -0.13	13.01 -0.30 -0.26	11.44 -0.21 -0.38
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	12.46 0.12 -0.78	11.88 0.20 -0.56	11.38 0.20 -0.49	11.38 0.23 -0.44	11.38 0.23 -0.44	11.80 0.21 -0.48	12.60 0.38 -0.76	12.80 0.31 -1.14	17.25 0.17 0.00	17.33 0.22 0.00	16.56 0.31 0.00	15.76 0.25 0.00	13.65 0.16 -0.13	13.40 0.24 0.00	12.44 -0.05 0.00	12.27 -0.02 0.00	12.87 -0.05 -0.22	15.23 -0.06 -0.37	20.72 -0.29 -0.17	22.44 -0.25 0.00	16.83 -0.18 -0.48	16.24 -0.26 -0.31	13.48 -0.21 -0.64	12.33 0.12 -0.93
SELKIRK____I 23801	18.31 0.69 -6.05	16.18 0.68 -4.39	15.15 0.65 -3.80	14.81 0.65 -3.44	14.81 0.65 -3.44	15.54 0.68 -3.76	18.08 0.72 -5.89	20.94 0.70 -8.88	18.14 1.06 0.00	18.17 1.06 0.00	17.26 1.01 0.00	16.47 0.96 0.00	15.18 0.83 -1.00	13.99 0.83 0.00	13.25 0.76 0.00	13.06 0.76 0.00	15.22 0.79 -1.74	18.67 0.88 -2.87	23.36 1.21 -1.31	23.98 1.29 0.00	21.25 0.96 -3.76	19.58 0.95 -2.44	18.80 0.78 -4.97	19.11 0.61 -7.22
SELKIRK____II 23799	18.31 0.69 -6.05	16.18 0.68 -4.39	15.15 0.65 -3.81	14.81 0.65 -3.44	14.81 0.65 -3.44	15.54 0.68 -3.76	18.09 0.72 -5.90	20.95 0.70 -8.89	18.12 1.04 0.00	18.17 1.06 0.00	17.26 1.01 0.00	16.47 0.96 0.00	15.18 0.83 -1.00	13.98 0.82 0.00	13.25 0.76 0.00	13.05 0.75 0.00	15.22 0.79 -1.74	18.66 0.87 -2.87	23.36 1.21 -1.31	23.98 1.29 0.00	21.23 0.94 -3.77	19.58 0.95 -2.44	18.81 0.78 -4.98	19.11 0.61 -7.23
SENECA OSWGO____HYD 24041	11.92 -0.02 -0.38	11.35 -0.04 -0.27	10.88 -0.05 -0.24	10.88 -0.05 -0.22	10.88 -0.05 -0.22	11.28 -0.06 -0.24	11.77 -0.07 -0.37	11.83 -0.08 -0.56	16.92 -0.15 0.00	16.96 -0.15 0.00	16.12 -0.13 0.00	15.37 -0.14 0.00	13.29 -0.13 -0.06	13.03 -0.13 0.00	12.35 -0.14 0.00	12.16 -0.13 0.00	12.66 -0.14 -0.11	14.95 -0.15 -0.18	20.76 -0.17 -0.08	22.51 -0.18 0.00	16.58 -0.18 -0.24	16.18 -0.16 -0.15	13.25 -0.10 -0.31	11.68 -0.04 -0.45



SENECA___ENERGY 23797	12.28 0.08 -0.63	11.64 0.07 -0.46	11.15 0.06 -0.40	11.15 0.08 -0.36	11.15 0.08 -0.36	11.58 0.08 -0.39	12.19 0.10 -0.62	12.37 0.09 -0.93	17.14 0.07 0.00	17.20 0.09 0.00	16.35 0.10 0.00	15.59 0.08 0.00	13.49 0.03 -0.10	13.19 0.03 0.00	12.47 -0.01 0.00	12.30 0.00 0.00	12.89 0.01 -0.18	15.27 0.04 -0.30	21.06 0.08 -0.14	22.80 0.11 0.00	16.94 0.02 -0.39	16.44 0.00 -0.25	13.55 -0.01 -0.52	12.10 0.07 -0.76
SHOEMAKER___GT 23640	16.68 0.72 -4.40	15.00 0.69 -3.19	14.11 0.65 -2.77	13.87 0.65 -2.50	13.87 0.65 -2.50	14.52 0.68 -2.73	16.49 0.73 -4.29	18.53 0.72 -6.47	18.29 1.21 0.00	18.34 1.23 0.00	17.42 1.17 0.00	16.64 1.13 0.00	15.06 0.97 -0.72	14.12 0.96 0.00	13.41 0.92 0.00	13.18 0.89 0.00	14.86 0.90 -1.26	18.11 1.10 -2.09	23.36 1.56 -0.95	24.32 1.63 0.00	20.49 1.22 -2.74	19.19 1.23 -1.77	17.59 0.93 -3.62	17.27 0.74 -5.26
SHOREHAM_IC_1 23715	19.00 1.54 -5.90	16.01 1.41 -3.49	15.40 1.37 -3.34	15.10 1.37 -3.01	14.89 1.36 -2.82	15.85 1.45 -3.30	19.86 1.54 -6.85	24.88 1.54 -11.99	21.79 2.03 -2.68	19.69 1.88 -0.70	21.54 1.46 -3.83	21.00 1.61 -3.87	19.70 1.40 -4.94	19.34 1.39 -4.78	19.48 1.31 -5.69	20.60 1.30 -7.01	20.89 1.35 -6.85	26.33 1.66 -9.75	37.78 2.37 -14.56	33.68 2.56 -8.43	26.20 1.87 -7.81	27.74 1.86 -9.69	21.32 1.51 -6.76	20.49 1.36 -7.85
SHOREHAM_IC_2 23716	19.00 1.54 -5.90	16.01 1.41 -3.49	15.40 1.37 -3.34	15.10 1.37 -3.01	14.89 1.36 -2.82	15.85 1.45 -3.30	19.86 1.54 -6.85	24.88 1.54 -11.99	21.79 2.03 -2.68	19.69 1.88 -0.70	21.54 1.46 -3.83	21.00 1.61 -3.87	19.70 1.40 -4.94	19.34 1.39 -4.78	19.48 1.31 -5.69	20.60 1.30 -7.01	20.89 1.35 -6.85	26.33 1.66 -9.75	37.78 2.37 -14.56	33.68 2.56 -8.43	26.20 1.87 -7.81	27.74 1.86 -9.69	21.32 1.51 -6.76	20.49 1.36 -7.85
SISSONVILLE___ 23735	10.19 -1.38 0.00	9.97 -1.14 0.00	9.61 -1.08 0.00	9.63 -1.08 0.00	9.68 -1.04 0.00	9.97 -1.13 0.00	10.10 -1.36 0.00	10.03 -1.32 0.00	15.13 -1.95 0.00	15.11 -2.00 0.00	14.32 -1.93 0.00	13.68 -1.83 0.00	11.80 -1.56 0.00	11.62 -1.54 0.00	11.08 -1.41 0.00	10.89 -1.40 0.00	11.27 -1.42 0.00	13.19 -1.73 0.00	18.49 -2.36 0.00	20.24 -2.45 0.00	14.72 -1.80 0.00	14.41 -1.78 0.00	11.57 -1.47 0.00	10.01 -1.26 0.00
SITHE_IND_GS1 24169	11.70 -0.17 -0.31	11.16 -0.18 -0.22	10.71 -0.17 -0.19	10.72 -0.17 -0.17	10.72 -0.17 -0.17	11.11 -0.19 -0.19	11.56 -0.21 -0.30	11.57 -0.23 -0.45	16.68 -0.39 0.00	16.72 -0.39 0.00	15.88 -0.37 0.00	15.16 -0.36 0.00	13.09 -0.32 -0.05	12.86 -0.30 0.00	12.19 -0.30 0.00	12.00 -0.30 0.00	12.48 -0.30 -0.09	14.71 -0.36 -0.15	20.41 -0.50 -0.07	22.17 -0.52 0.00	16.30 -0.41 -0.19	15.92 -0.39 -0.12	13.01 -0.29 -0.25	11.45 -0.19 -0.37
SITHE_IND_GS2 24170	11.70 -0.17 -0.31	11.16 -0.18 -0.22	10.71 -0.17 -0.19	10.72 -0.17 -0.17	10.72 -0.17 -0.17	11.11 -0.19 -0.19	11.56 -0.21 -0.30	11.57 -0.23 -0.45	16.68 -0.39 0.00	16.72 -0.39 0.00	15.88 -0.37 0.00	15.16 -0.36 0.00	13.09 -0.32 -0.05	12.86 -0.30 0.00	12.19 -0.30 0.00	12.00 -0.30 0.00	12.48 -0.30 -0.09	14.71 -0.36 -0.15	20.41 -0.50 -0.07	22.17 -0.52 0.00	16.30 -0.41 -0.19	15.92 -0.39 -0.12	13.01 -0.29 -0.25	11.45 -0.19 -0.37
SITHE_IND_GS3 24171	11.70 -0.17 -0.31	11.16 -0.18 -0.22	10.71 -0.17 -0.19	10.72 -0.17 -0.17	10.72 -0.17 -0.17	11.11 -0.19 -0.19	11.56 -0.21 -0.30	11.57 -0.23 -0.45	16.68 -0.39 0.00	16.72 -0.39 0.00	15.88 -0.37 0.00	15.16 -0.36 0.00	13.09 -0.32 -0.05	12.86 -0.30 0.00	12.19 -0.30 0.00	12.00 -0.30 0.00	12.48 -0.30 -0.09	14.71 -0.36 -0.15	20.41 -0.50 -0.07	22.17 -0.52 0.00	16.30 -0.41 -0.19	15.92 -0.39 -0.12	13.01 -0.29 -0.25	11.45 -0.19 -0.37
SITHE_IND_GS4 24172	11.70 -0.17 -0.31	11.16 -0.18 -0.22	10.71 -0.17 -0.19	10.72 -0.17 -0.17	10.72 -0.17 -0.17	11.11 -0.19 -0.19	11.56 -0.21 -0.30	11.57 -0.23 -0.45	16.68 -0.39 0.00	16.72 -0.39 0.00	15.88 -0.37 0.00	15.16 -0.36 0.00	13.09 -0.32 -0.05	12.86 -0.30 0.00	12.19 -0.30 0.00	12.00 -0.30 0.00	12.48 -0.30 -0.09	14.71 -0.36 -0.15	20.41 -0.50 -0.07	22.17 -0.52 0.00	16.30 -0.41 -0.19	15.92 -0.39 -0.12	13.01 -0.29 -0.25	11.45 -0.19 -0.37
SITHE___BATAVIA 24024	12.45 0.20 -0.69	11.88 0.27 -0.50	11.39 0.27 -0.43	11.38 0.27 -0.39	11.37 0.26 -0.39	11.78 0.24 -0.43	12.43 0.29 -0.67	12.55 0.19 -1.01	17.18 0.10 0.00	17.27 0.15 0.00	16.46 0.21 0.00	15.68 0.17 0.00	13.53 0.05 -0.11	13.29 0.13 0.00	12.49 0.00 0.00	12.32 0.02 0.00	12.92 0.03 -0.20	15.30 0.04 -0.33	20.93 -0.06 -0.15	22.73 0.05 0.00	16.92 -0.03 -0.43	16.35 -0.11 -0.28	13.50 -0.12 -0.57	12.25 0.15 -0.82
SITHE___INDEPEND 23800	11.70 -0.17 -0.31	11.16 -0.18 -0.22	10.71 -0.17 -0.19	10.72 -0.17 -0.17	10.72 -0.17 -0.17	11.11 -0.19 -0.19	11.56 -0.21 -0.30	11.57 -0.23 -0.45	16.68 -0.39 0.00	16.72 -0.39 0.00	15.88 -0.37 0.00	15.16 -0.36 0.00	13.09 -0.32 -0.05	12.86 -0.30 0.00	12.19 -0.30 0.00	12.00 -0.30 0.00	12.48 -0.30 -0.09	14.71 -0.36 -0.15	20.41 -0.50 -0.07	22.17 -0.52 0.00	16.30 -0.41 -0.19	15.92 -0.39 -0.12	13.01 -0.29 -0.25	11.45 -0.19 -0.37
SITHE___MASSENA 23902	10.59 -0.97 0.00	10.32 -0.80 0.00	9.94 -0.75 0.00	9.97 -0.75 0.00	10.00 -0.72 0.00	10.33 -0.78 0.00	10.50 -0.96 0.00	10.43 -0.92 0.00	15.69 -1.38 0.00	15.67 -1.44 0.00	14.87 -1.38 0.00	14.22 -1.29 0.00	12.26 -1.10 0.00	12.08 -1.08 0.00	11.50 -0.99 0.00	11.32 -0.97 0.00	11.70 -0.99 0.00	13.72 -1.21 0.00	19.15 -1.69 0.00	20.92 -1.77 0.00	15.25 -1.27 0.00	14.94 -1.25 0.00	12.02 -1.03 0.00	10.40 -0.88 0.00
SITHE___OGDNSBRG 24021	10.43 -1.13 0.00	10.19 -0.92 0.00	9.83 -0.87 0.00	9.85 -0.87 0.00	9.88 -0.84 0.00	10.21 -0.90 0.00	10.35 -1.11 0.00	10.28 -1.07 0.00	15.51 -1.57 0.00	15.49 -1.63 0.00	14.67 -1.58 0.00	14.02 -1.49 0.00	12.09 -1.27 0.00	11.90 -1.26 0.00	11.34 -1.15 0.00	11.16 -1.13 0.00	11.55 -1.14 0.00	13.52 -1.40 0.00	18.97 -1.88 0.00	20.74 -1.95 0.00	15.09 -1.44 0.00	14.76 -1.42 0.00	11.85 -1.20 0.00	10.25 -1.03 0.00
SITHE___STERLING 23777	12.08 0.32 -0.19	11.55 0.30 -0.14	11.09 0.28 -0.12	11.10 0.28 -0.11	11.10 0.28 -0.11	11.53 0.31 -0.12	11.98 0.33 -0.19	11.97 0.34 -0.28	17.61 0.53 0.00	17.66 0.55 0.00	16.77 0.52 0.00	15.98 0.46 0.00	13.76 0.37 -0.03	13.52 0.36 0.00	12.81 0.32 0.00	12.61 0.32 0.00	13.08 0.33 -0.05	15.42 0.40 -0.09	21.53 0.65 -0.04	23.44 0.75 0.00	17.12 0.48 -0.12	16.72 0.45 -0.08	13.54 0.34 -0.16	11.81 0.30 -0.23
SOUTH CAIRO___GT 23612	17.83 1.03 -5.24	15.90 0.99 -3.80	14.94 0.95 -3.29	14.65 0.95 -2.98	14.66 0.96 -2.98	15.34 0.99 -3.25	17.62 1.05 -5.10	20.05 1.01 -7.69	18.72 1.64 0.00	18.72 1.61 0.00	17.73 1.48 0.00	16.94 1.43 0.00	15.46 1.24 -0.86	14.35 1.18 0.00	13.57 1.09 0.00	13.34 1.04 0.00	15.34 1.14 -1.50	18.79 1.39 -2.48	23.97 2.00 -1.13	24.82 2.13 0.00	21.34 1.55 -3.26	19.87 1.57 -2.11	18.51 1.16 -4.30	18.50 0.97 -6.25



SOUTH HAMPTN___IC 23720	19.26 1.79 -5.90	16.27 1.67 -3.49	15.65 1.61 -3.34	15.36 1.63 -3.01	15.14 1.61 -2.82	16.11 1.71 -3.30	20.12 1.80 -6.85	25.16 1.83 -11.99	22.25 2.49 -2.68	20.17 2.36 -0.70	22.00 1.92 -3.83	21.42 2.03 -3.87	20.04 1.74 -4.94	19.66 1.72 -4.78	19.81 1.64 -5.69	20.91 1.61 -7.01	21.22 1.68 -6.85	26.75 2.07 -9.75	38.44 3.04 -14.56	34.39 3.27 -8.43	26.70 2.36 -7.81	28.23 2.35 -9.69	21.70 1.89 -6.76	20.79 1.66 -7.85
SOUTHOLD___IC 23719	19.48 2.01 -5.90	16.50 1.90 -3.49	15.87 1.84 -3.34	15.58 1.85 -3.01	15.35 1.82 -2.82	16.33 1.93 -3.30	20.36 2.04 -6.85	25.41 2.08 -11.99	22.64 2.89 -2.68	20.55 2.74 -0.70	22.35 2.27 -3.83	21.73 2.34 -3.87	20.29 1.99 -4.94	19.91 1.97 -4.78	20.05 1.87 -5.69	21.16 1.86 -7.01	21.47 1.93 -6.85	27.09 2.42 -9.75	38.94 3.54 -14.56	34.93 3.81 -8.43	27.08 2.74 -7.81	28.58 2.70 -9.69	21.99 2.18 -6.76	21.01 1.88 -7.85
ST LAWRENCE____ 23600	10.70 -0.87 0.00	10.34 -0.78 0.00	9.95 -0.74 0.00	9.98 -0.74 0.00	10.00 -0.72 0.00	10.35 -0.76 0.00	10.61 -0.86 0.00	10.52 -0.83 0.00	15.81 -1.26 0.00	15.83 -1.28 0.00	15.01 -1.24 0.00	14.35 -1.16 0.00	12.37 -0.99 0.00	12.19 -0.97 0.00	11.60 -0.89 0.00	11.41 -0.89 0.00	11.79 -0.90 0.00	13.84 -1.09 0.00	19.32 -1.52 0.00	21.08 -1.61 0.00	15.37 -1.16 0.00	15.04 -1.15 0.00	12.11 -0.94 0.00	10.46 -0.81 0.00
STATION 5_MISC_HYD 23604	12.27 0.12 -0.59	11.69 0.14 -0.43	11.20 0.14 -0.37	11.19 0.14 -0.34	11.18 0.13 -0.34	11.58 0.11 -0.37	12.16 0.11 -0.58	12.27 0.06 -0.87	17.02 -0.05 0.00	17.09 -0.02 0.00	16.27 0.02 0.00	15.51 0.00 0.00	13.40 -0.05 -0.10	13.15 -0.01 0.00	12.43 -0.06 0.00	12.26 -0.04 0.00	12.83 -0.04 -0.17	15.16 -0.04 -0.28	20.89 -0.08 -0.13	22.67 -0.02 0.00	16.81 -0.08 -0.37	16.30 -0.13 -0.24	13.41 -0.12 -0.49	12.06 0.08 -0.71
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	12.35 0.20 -0.59	11.75 0.20 -0.43	11.27 0.20 -0.37	11.26 0.20 -0.34	11.25 0.19 -0.34	11.66 0.19 -0.37	12.25 0.21 -0.58	12.39 0.17 -0.87	17.25 0.17 0.00	17.30 0.19 0.00	16.45 0.20 0.00	15.68 0.17 0.00	13.54 0.08 -0.10	13.27 0.10 0.00	12.55 0.06 0.00	12.37 0.07 0.00	12.95 0.09 -0.17	15.32 0.12 -0.28	21.16 0.19 -0.13	22.94 0.25 0.00	17.01 0.12 -0.37	16.51 0.08 -0.24	13.57 0.04 -0.49	12.15 0.17 -0.71
STA_56_34_KV_BUS2_REV_LBMP_B 345033	12.17 0.02 -0.58	11.60 0.06 -0.42	11.12 0.06 -0.37	11.11 0.06 -0.33	11.10 0.05 -0.33	11.50 0.03 -0.36	12.06 0.02 -0.57	12.20 -0.01 -0.86	16.92 -0.15 0.00	16.99 -0.12 0.00	16.17 -0.08 0.00	15.42 -0.09 0.00	13.32 -0.13 -0.10	13.07 -0.09 0.00	12.35 -0.14 0.00	12.18 -0.11 0.00	12.75 -0.11 -0.17	15.07 -0.13 -0.28	20.76 -0.21 -0.13	22.53 -0.16 0.00	16.71 -0.18 -0.36	16.21 -0.21 -0.24	13.33 -0.20 -0.48	11.97 0.00 -0.70
STEEL___WIND 323596	12.67 0.30 -0.81	12.07 0.37 -0.59	11.57 0.36 -0.51	11.55 0.37 -0.46	11.55 0.37 -0.46	12.00 0.39 -0.50	12.78 0.53 -0.79	13.01 0.47 -1.19	17.50 0.43 0.00	17.59 0.48 0.00	16.80 0.55 0.00	15.98 0.46 0.00	13.85 0.36 -0.13	13.58 0.42 0.00	12.67 0.19 0.00	12.49 0.20 0.00	13.11 0.18 -0.23	15.53 0.22 -0.38	21.10 0.08 -0.18	22.87 0.18 0.00	17.16 0.13 -0.50	16.55 0.03 -0.33	13.74 0.03 -0.67	12.54 0.29 -0.97
STEUBEN_REC_LFGE 323667	13.35 0.72 -1.07	12.60 0.71 -0.77	12.04 0.67 -0.67	12.01 0.69 -0.61	12.02 0.70 -0.61	12.49 0.72 -0.66	13.37 0.86 -1.04	13.74 0.82 -1.57	18.14 1.06 0.00	18.22 1.11 0.00	17.37 1.12 0.00	16.52 1.01 0.00	14.32 0.79 -0.18	13.95 0.79 0.00	13.01 0.52 0.00	12.82 0.53 0.00	13.65 0.65 -0.31	16.27 0.84 -0.51	22.15 1.08 -0.23	23.94 1.25 0.00	18.02 0.83 -0.66	17.35 0.73 -0.43	14.42 0.50 -0.88	13.16 0.61 -1.28
STONY___BROOK 24151	18.98 1.51 -5.90	16.02 1.42 -3.49	15.41 1.38 -3.34	15.11 1.38 -3.01	14.90 1.37 -2.82	15.83 1.43 -3.30	19.85 1.53 -6.85	24.86 1.52 -11.99	21.99 2.24 -2.68	20.00 2.19 -0.70	21.92 1.84 -3.83	21.31 1.92 -3.87	19.98 1.68 -4.94	19.61 1.67 -4.78	19.75 1.57 -5.69	20.85 1.55 -7.01	21.13 1.59 -6.85	26.60 1.93 -9.75	38.09 2.69 -14.56	34.07 2.95 -8.43	26.50 2.16 -7.81	28.02 2.14 -9.69	21.56 1.75 -6.76	20.60 1.48 -7.85
STURGEON_POOL_HYD 23609	17.29 0.81 -4.92	15.46 0.78 -3.56	14.53 0.75 -3.09	14.26 0.75 -2.79	14.26 0.75 -2.79	14.92 0.77 -3.05	17.08 0.83 -4.79	19.38 0.81 -7.22	18.46 1.38 0.00	18.52 1.40 0.00	17.58 1.33 0.00	16.80 1.29 0.00	15.29 1.12 -0.81	14.25 1.09 0.00	13.51 1.02 0.00	13.29 1.00 0.00	15.13 1.03 -1.41	18.52 1.27 -2.33	23.67 1.77 -1.06	24.55 1.86 0.00	20.99 1.40 -3.06	19.58 1.41 -1.98	18.14 1.06 -4.04	17.99 0.85 -5.87
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.82 0.76 -4.49	15.11 0.73 -3.26	14.22 0.71 -2.83	13.98 0.71 -2.55	13.98 0.71 -2.55	14.62 0.72 -2.79	16.63 0.79 -4.38	18.72 0.77 -6.60	18.39 1.31 0.00	18.46 1.35 0.00	17.53 1.28 0.00	16.75 1.24 0.00	15.17 1.07 -0.74	14.21 1.05 0.00	13.49 1.00 0.00	13.27 0.97 0.00	14.98 0.99 -1.29	18.26 1.21 -2.13	23.50 1.69 -0.97	24.46 1.77 0.00	20.66 1.34 -2.80	19.34 1.34 -1.81	17.76 1.02 -3.69	17.44 0.80 -5.37
SYNERGY___BIOGAS 323694	12.45 0.20 -0.69	11.88 0.27 -0.50	11.39 0.27 -0.43	11.38 0.27 -0.39	11.37 0.26 -0.39	11.78 0.24 -0.43	12.43 0.29 -0.67	12.55 0.19 -1.01	17.18 0.10 0.00	17.27 0.15 0.00	16.46 0.21 0.00	15.68 0.17 0.00	13.53 0.05 -0.11	13.29 0.13 0.00	12.49 0.00 0.00	12.32 0.02 0.00	12.92 0.03 -0.20	15.30 0.04 -0.33	20.93 -0.06 -0.15	22.73 0.05 0.00	16.92 -0.03 -0.43	16.35 -0.11 -0.28	13.50 -0.12 -0.57	12.25 0.15 -0.82
SYRACUSE___ENERGY_ST1 323597	12.21 0.14 -0.51	11.60 0.11 -0.37	11.12 0.11 -0.32	11.11 0.11 -0.29	11.11 0.11 -0.29	11.53 0.11 -0.32	12.08 0.11 -0.50	12.21 0.11 -0.75	17.21 0.14 0.00	17.25 0.14 0.00	16.38 0.13 0.00	15.64 0.12 0.00	13.52 0.08 -0.08	13.24 0.08 0.00	12.54 0.05 0.00	12.36 0.06 0.00	12.91 0.06 -0.15	15.26 0.09 -0.24	21.12 0.17 -0.11	22.89 0.20 0.00	16.94 0.10 -0.32	16.49 0.10 -0.21	13.56 0.09 -0.42	12.01 0.12 -0.61
SYRACUSE___ENERGY_ST2 323598	12.21 0.14 -0.51	11.60 0.11 -0.37	11.12 0.11 -0.32	11.11 0.11 -0.29	11.11 0.11 -0.29	11.53 0.11 -0.32	12.08 0.11 -0.50	12.21 0.11 -0.75	17.21 0.14 0.00	17.25 0.14 0.00	16.38 0.13 0.00	15.64 0.12 0.00	13.52 0.08 -0.08	13.24 0.08 0.00	12.54 0.05 0.00	12.36 0.06 0.00	12.91 0.06 -0.15	15.26 0.09 -0.24	21.12 0.17 -0.11	22.89 0.20 0.00	16.94 0.10 -0.32	16.49 0.10 -0.21	13.56 0.09 -0.42	12.01 0.12 -0.61
SYRACUSE___POWER 24017	12.22 0.14 -0.51	11.60 0.11 -0.37	11.11 0.10 -0.32	11.12 0.11 -0.29	11.12 0.11 -0.29	11.54 0.11 -0.32	12.08 0.11 -0.50	12.22 0.11 -0.76	17.21 0.14 0.00	17.25 0.14 0.00	16.40 0.15 0.00	15.64 0.12 0.00	13.54 0.09 -0.08	13.24 0.08 0.00	12.55 0.06 0.00	12.36 0.06 0.00	12.91 0.06 -0.15	15.27 0.11 -0.24	21.12 0.17 -0.11	22.89 0.20 0.00	16.95 0.10 -0.32	16.49 0.10 -0.21	13.56 0.09 -0.42	12.01 0.12 -0.61



TRIGEN___CC 323695	18.62 1.16 -5.90	15.71 1.11 -3.49	15.10 1.07 -3.34	14.80 1.07 -3.01	14.59 1.06 -2.82	15.50 1.10 -3.30	19.50 1.18 -6.85	24.51 1.17 -11.99	21.67 1.91 -2.68	19.78 1.97 -0.70	22.35 1.85 -4.25	21.19 1.78 -3.89	19.89 1.59 -4.94	19.52 1.58 -4.78	19.65 1.47 -5.69	20.74 1.44 -7.01	21.00 1.43 -6.87	26.39 1.72 -9.75	37.78 2.37 -14.56	33.64 2.52 -8.43	26.24 1.90 -7.81	27.76 1.88 -9.69	21.32 1.51 -6.77	20.37 1.24 -7.85
UNION___PROCESSING_DRP 323587	12.24 0.08 -0.59	11.67 0.12 -0.43	11.18 0.12 -0.37	11.17 0.12 -0.34	11.16 0.11 -0.34	11.56 0.09 -0.37	12.14 0.09 -0.58	12.26 0.03 -0.87	16.99 -0.08 0.00	17.06 -0.05 0.00	16.23 -0.02 0.00	15.48 -0.03 0.00	13.36 -0.09 -0.10	13.12 -0.04 0.00	12.40 -0.09 0.00	12.22 -0.07 0.00	12.79 -0.08 -0.17	15.12 -0.09 -0.28	20.82 -0.14 -0.13	22.60 -0.09 0.00	16.76 -0.13 -0.37	16.26 -0.16 -0.24	13.39 -0.14 -0.49	12.04 0.06 -0.71
UPPER HUDSON___HYD 24058	19.11 0.91 -6.64	16.80 0.87 -4.81	15.71 0.84 -4.17	15.32 0.84 -3.77	15.33 0.85 -3.77	16.12 0.89 -4.12	18.87 0.94 -6.47	22.05 0.95 -9.75	18.63 1.55 0.00	18.67 1.56 0.00	17.66 1.41 0.00	16.81 1.30 0.00	15.59 1.13 -1.09	14.24 1.08 0.00	13.49 1.00 0.00	13.33 1.03 0.00	15.72 1.12 -1.91	19.46 1.39 -3.15	24.28 2.00 -1.43	24.87 2.18 0.00	22.21 1.55 -4.13	20.33 1.47 -2.67	19.66 1.16 -5.46	20.15 0.95 -7.93
UPPER RAQUET___HYD 24056	10.19 -1.38 0.00	9.97 -1.14 0.00	9.61 -1.08 0.00	9.63 -1.08 0.00	9.68 -1.04 0.00	9.97 -1.13 0.00	10.10 -1.36 0.00	10.03 -1.32 0.00	15.13 -1.95 0.00	15.11 -2.00 0.00	14.32 -1.93 0.00	13.68 -1.83 0.00	11.80 -1.56 0.00	11.62 -1.54 0.00	11.08 -1.41 0.00	10.89 -1.40 0.00	11.27 -1.42 0.00	13.19 -1.73 0.00	18.49 -2.36 0.00	20.24 -2.45 0.00	14.72 -1.80 0.00	14.41 -1.78 0.00	11.57 -1.47 0.00	10.01 -1.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	14.67 0.95 -2.15	13.57 0.89 -1.56	12.88 0.83 -1.36	12.78 0.84 -1.22	12.79 0.85 -1.22	13.34 0.90 -1.34	14.56 1.00 -2.10	15.51 1.00 -3.17	18.70 1.62 0.00	18.75 1.64 0.00	17.78 1.53 0.00	16.89 1.38 0.00	14.88 1.16 -0.35	14.28 1.12 0.00	13.54 1.05 0.00	13.33 1.03 0.00	14.37 1.05 -0.62	17.21 1.27 -1.02	23.26 1.96 -0.47	24.91 2.22 0.00	19.37 1.50 -1.34	18.54 1.49 -0.87	15.91 1.10 -1.77	14.78 0.94 -2.57
VISCHER___FERRY HYD 24020	18.85 0.86 -6.43	16.60 0.82 -4.66	15.53 0.79 -4.04	15.16 0.79 -3.65	15.16 0.79 -3.65	15.93 0.83 -3.99	18.61 0.88 -6.26	21.65 0.86 -9.44	18.44 1.37 0.00	18.50 1.39 0.00	17.53 1.28 0.00	16.74 1.23 0.00	15.49 1.07 -1.06	14.21 1.05 0.00	13.46 0.97 0.00	13.27 0.97 0.00	15.57 1.03 -1.85	19.18 1.21 -3.05	23.92 1.69 -1.39	24.50 1.82 0.00	21.85 1.32 -4.00	20.04 1.26 -2.59	19.35 1.02 -5.28	19.76 0.81 -7.68
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.07 0.87 -4.64	15.31 0.83 -3.37	14.40 0.79 -2.92	14.15 0.79 -2.64	14.15 0.79 -2.64	14.80 0.81 -2.88	16.87 0.88 -4.52	19.04 0.87 -6.82	18.56 1.48 0.00	18.63 1.52 0.00	17.70 1.45 0.00	16.91 1.40 0.00	15.34 1.22 -0.76	14.36 1.20 0.00	13.61 1.12 0.00	13.39 1.09 0.00	15.14 1.12 -1.33	18.50 1.37 -2.20	23.76 1.92 -1.00	24.71 2.02 0.00	20.93 1.52 -2.89	19.56 1.51 -1.87	18.01 1.15 -3.82	17.73 0.91 -5.54
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.40 1.03 -4.81	15.59 0.99 -3.48	14.66 0.94 -3.02	14.39 0.94 -2.73	14.38 0.93 -2.73	15.04 0.96 -2.99	17.19 1.04 -4.68	19.45 1.04 -7.06	18.84 1.76 0.00	18.91 1.80 0.00	17.99 1.74 0.00	17.19 1.68 0.00	15.59 1.44 -0.79	14.60 1.43 0.00	13.82 1.34 0.00	13.60 1.30 0.00	15.42 1.35 -1.38	18.83 1.63 -2.28	24.13 2.25 -1.04	25.07 2.38 0.00	21.32 1.80 -2.99	19.90 1.78 -1.94	18.38 1.38 -3.95	18.11 1.09 -5.74
WADING RIVER_IC_1 23522	19.00 1.54 -5.90	16.01 1.41 -3.49	15.40 1.37 -3.34	15.09 1.36 -3.01	14.88 1.35 -2.82	15.84 1.44 -3.30	19.85 1.53 -6.85	24.88 1.54 -11.99	21.77 2.01 -2.68	19.66 1.85 -0.70	21.54 1.46 -3.83	20.98 1.60 -3.87	19.68 1.38 -4.94	19.31 1.37 -4.78	19.47 1.30 -5.69	20.58 1.28 -7.01	20.86 1.32 -6.85	26.30 1.63 -9.75	37.73 2.33 -14.56	33.64 2.52 -8.43	26.17 1.83 -7.81	27.71 1.83 -9.69	21.30 1.49 -6.76	20.48 1.35 -7.85
WADING RIVER_IC_2 23547	19.00 1.54 -5.90	16.01 1.41 -3.49	15.40 1.37 -3.34	15.09 1.36 -3.01	14.88 1.35 -2.82	15.84 1.44 -3.30	19.85 1.53 -6.85	24.88 1.54 -11.99	21.77 2.01 -2.68	19.66 1.85 -0.70	21.54 1.46 -3.83	20.98 1.60 -3.87	19.68 1.38 -4.94	19.31 1.37 -4.78	19.47 1.30 -5.69	20.58 1.28 -7.01	20.86 1.32 -6.85	26.30 1.63 -9.75	37.73 2.33 -14.56	33.64 2.52 -8.43	26.17 1.83 -7.81	27.71 1.83 -9.69	21.30 1.49 -6.76	20.48 1.35 -7.85
WADING RIVER_IC_3 23601	19.00 1.54 -5.90	16.01 1.41 -3.49	15.40 1.37 -3.34	15.09 1.36 -3.01	14.88 1.35 -2.82	15.84 1.44 -3.30	19.85 1.53 -6.85	24.88 1.54 -11.99	21.77 2.01 -2.68	19.66 1.85 -0.70	21.54 1.46 -3.83	20.98 1.60 -3.87	19.68 1.38 -4.94	19.31 1.37 -4.78	19.47 1.30 -5.69	20.58 1.28 -7.01	20.86 1.32 -6.85	26.30 1.63 -9.75	37.73 2.33 -14.56	33.64 2.52 -8.43	26.17 1.83 -7.81	27.71 1.83 -9.69	21.30 1.49 -6.76	20.48 1.35 -7.85
WALDEN___HYDRO 24148	17.13 0.83 -4.73	15.34 0.79 -3.43	14.43 0.76 -2.98	14.17 0.76 -2.69	14.17 0.76 -2.69	14.82 0.78 -2.94	16.93 0.85 -4.61	19.14 0.84 -6.95	18.51 1.43 0.00	18.57 1.45 0.00	17.63 1.38 0.00	16.85 1.33 0.00	15.30 1.16 -0.78	14.29 1.13 0.00	13.56 1.07 0.00	13.33 1.03 0.00	15.12 1.07 -1.36	18.48 1.31 -2.24	23.72 1.85 -1.02	24.64 1.95 0.00	20.94 1.47 -2.94	19.55 1.46 -1.91	18.03 1.10 -3.89	17.79 0.87 -5.65
WARRENSBURG___ 23737	19.11 0.91 -6.64	16.80 0.87 -4.81	15.71 0.84 -4.17	15.32 0.84 -3.77	15.33 0.85 -3.77	16.12 0.89 -4.12	18.87 0.94 -6.47	22.05 0.95 -9.75	18.63 1.55 0.00	18.67 1.56 0.00	17.66 1.41 0.00	16.81 1.30 0.00	15.59 1.13 -1.09	14.24 1.08 0.00	13.49 1.00 0.00	13.33 1.03 0.00	15.72 1.12 -1.91	19.46 1.39 -3.15	24.28 2.00 -1.43	24.87 2.18 0.00	22.21 1.55 -4.13	20.33 1.47 -2.67	19.66 1.16 -5.46	20.15 0.95 -7.93
WATERSIDE___6 8 9 23538	17.41 1.04 -4.81	15.61 1.01 -3.49	14.68 0.96 -3.02	14.41 0.96 -2.73	14.40 0.95 -2.73	15.07 0.98 -2.99	17.20 1.05 -4.69	19.47 1.06 -7.06	18.85 1.78 0.00	18.94 1.83 0.00	18.05 1.80 0.00	17.25 1.74 0.00	15.65 1.50 -0.79	14.65 1.49 0.00	13.86 1.37 0.00	13.64 1.34 0.00	15.46 1.38 -1.38	18.86 1.66 -2.28	24.19 2.31 -1.04	25.14 2.45 0.00	21.37 1.85 -2.99	19.97 1.84 -1.94	18.43 1.44 -3.95	18.15 1.14 -5.74
WDELAWARE___HYD 323627	16.69 0.77 -4.35	15.00 0.73 -3.15	14.13 0.71 -2.73	13.89 0.71 -2.47	13.89 0.71 -2.47	14.53 0.72 -2.70	16.49 0.79 -4.24	18.51 0.77 -6.39	18.39 1.31 0.00	18.43 1.32 0.00	17.50 1.25 0.00	16.71 1.19 0.00	15.10 1.03 -0.72	14.16 1.00 0.00	13.44 0.95 0.00	13.21 0.91 0.00	14.90 0.95 -1.25	18.18 1.19 -2.06	23.49 1.71 -0.94	24.48 1.79 0.00	20.57 1.34 -2.71	19.28 1.34 -1.75	17.60 0.98 -3.57	17.27 0.80 -5.19



WEST BABYLON___IC 23714	18.92 1.46 -5.90	15.99 1.39 -3.49	15.37 1.34 -3.34	15.07 1.34 -3.01	14.86 1.33 -2.82	15.78 1.38 -3.30	19.79 1.47 -6.85	24.79 1.45 -11.99	22.06 2.30 -2.68	20.14 2.33 -0.70	22.28 2.11 -3.92	21.45 2.06 -3.88	20.12 1.82 -4.94	19.73 1.79 -4.78	19.86 1.69 -5.69	20.95 1.65 -7.01	21.22 1.68 -6.85	26.69 2.01 -9.75	38.21 2.81 -14.56	34.11 2.99 -8.43	26.55 2.22 -7.81	28.13 2.25 -9.69	21.62 1.81 -6.76	20.64 1.51 -7.85
WEST CANADA___HYD 24049	11.55 0.12 0.13	11.13 0.11 0.09	10.72 0.11 0.08	10.75 0.11 0.07	10.75 0.11 0.07	11.14 0.11 0.08	11.46 0.11 0.12	11.28 0.11 0.19	17.26 0.19 0.00	17.30 0.19 0.00	16.43 0.18 0.00	15.67 0.16 0.00	13.47 0.13 0.02	13.29 0.13 0.00	12.61 0.12 0.00	12.42 0.12 0.00	12.79 0.13 0.04	15.01 0.15 0.06	21.04 0.23 0.03	22.94 0.25 0.00	16.61 0.17 0.08	16.30 0.16 0.05	13.07 0.13 0.10	11.24 0.11 0.15
WESTERN_NY_WIND 24143	12.45 0.20 -0.69	11.87 0.26 -0.50	11.39 0.26 -0.44	11.38 0.27 -0.39	11.37 0.26 -0.39	11.77 0.23 -0.43	12.42 0.27 -0.68	12.56 0.19 -1.02	17.18 0.10 0.00	17.25 0.14 0.00	16.45 0.20 0.00	15.67 0.16 0.00	13.53 0.05 -0.11	13.28 0.12 0.00	12.49 0.00 0.00	12.32 0.02 0.00	12.92 0.03 -0.20	15.28 0.03 -0.33	20.91 -0.08 -0.15	22.71 0.02 0.00	16.91 -0.05 -0.43	16.34 -0.13 -0.28	13.49 -0.13 -0.57	12.25 0.15 -0.83
WESTOVER___LESR 323668	13.54 0.39 -1.58	12.64 0.38 -1.15	12.05 0.36 -1.00	11.98 0.36 -0.90	11.98 0.36 -0.90	12.47 0.38 -0.98	13.44 0.44 -1.54	14.11 0.43 -2.33	17.67 0.60 0.00	17.73 0.62 0.00	16.85 0.60 0.00	16.07 0.56 0.00	14.07 0.45 -0.26	13.61 0.45 0.00	12.87 0.39 0.00	12.68 0.38 0.00	13.56 0.41 -0.45	16.18 0.51 -0.75	21.87 0.69 -0.34	23.46 0.77 0.00	18.04 0.53 -0.99	17.33 0.50 -0.64	14.74 0.39 -1.30	13.55 0.38 -1.89
WETHRSFD_WT_PWR 323626	12.75 0.28 -0.91	12.10 0.32 -0.66	11.58 0.31 -0.57	11.57 0.33 -0.52	11.57 0.33 -0.52	12.00 0.33 -0.57	12.80 0.45 -0.89	13.07 0.39 -1.34	17.44 0.36 0.00	17.52 0.41 0.00	16.72 0.47 0.00	15.91 0.40 0.00	13.80 0.29 -0.15	13.49 0.33 0.00	12.64 0.15 0.00	12.45 0.16 0.00	13.12 0.16 -0.26	15.58 0.22 -0.43	21.18 0.15 -0.20	22.92 0.23 0.00	17.22 0.13 -0.57	16.62 0.07 -0.37	13.81 0.01 -0.75	12.60 0.24 -1.09
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.03 0.82 -4.65	15.27 0.79 -3.37	14.37 0.76 -2.92	14.12 0.76 -2.64	14.11 0.75 -2.64	14.77 0.78 -2.89	16.83 0.84 -4.53	19.02 0.84 -6.83	18.49 1.42 0.00	18.57 1.45 0.00	17.65 1.40 0.00	16.86 1.35 0.00	15.29 1.16 -0.77	14.32 1.16 0.00	13.57 1.09 0.00	13.34 1.04 0.00	15.11 1.08 -1.33	18.44 1.31 -2.20	23.68 1.83 -1.00	24.62 1.93 0.00	20.87 1.45 -2.89	19.50 1.44 -1.87	17.97 1.11 -3.82	17.69 0.87 -5.55
YORK___WARBASSE 23770	17.43 1.06 -4.81	15.62 1.02 -3.49	14.70 0.98 -3.02	14.43 0.99 -2.73	14.42 0.98 -2.73	15.08 0.99 -2.99	17.22 1.07 -4.69	19.48 1.07 -7.06	18.87 1.79 0.00	18.98 1.87 0.00	18.07 1.82 0.00	17.28 1.77 0.00	15.67 1.52 -0.79	14.66 1.50 0.00	13.89 1.40 0.00	13.65 1.35 0.00	15.47 1.40 -1.38	18.90 1.70 -2.28	24.25 2.37 -1.04	25.23 2.54 0.00	21.43 1.92 -2.99	20.03 1.91 -1.94	18.47 1.47 -3.95	18.19 1.17 -5.74