

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/01/2020

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	15.55	14.16	13.60	13.04	12.93	13.68	15.68	16.13	17.24	18.78	18.80	19.72	20.98	22.92	23.28	23.43	26.34	27.93	26.80	25.10	22.00	18.74	17.20	16.57
24138	1.52	1.30	1.24	1.17	1.14	1.20	1.45	1.66	1.83	1.94	1.96	2.09	2.26	2.44	2.50	2.56	2.86	3.04	2.91	2.71	2.25	1.87	1.76	1.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.55	-0.35	-0.32	-0.37	-0.30	-0.25	-0.24	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.02
74TH STREET_GT_1	15.49	14.11	13.56	13.00	12.89	13.64	15.64	16.06	17.12	18.67	18.66	19.58	20.83	22.75	23.10	23.26	26.15	27.73	26.66	24.98	21.92	18.68	17.14	16.50
24260	1.46	1.25	1.20	1.14	1.10	1.16	1.41	1.59	1.71	1.81	1.81	1.94	2.09	2.26	2.32	2.37	2.67	2.84	2.77	2.60	2.17	1.81	1.70	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.57	-0.36	-0.33	-0.38	-0.31	-0.26	-0.25	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.02
74TH STREET_GT_2	15.49	14.11	13.56	13.00	12.89	13.64	15.64	16.06	17.12	18.67	18.66	19.58	20.83	22.75	23.10	23.26	26.15	27.73	26.66	24.98	21.92	18.68	17.14	16.50
24261	1.46	1.25	1.20	1.14	1.10	1.16	1.41	1.59	1.71	1.81	1.81	1.94	2.09	2.26	2.32	2.37	2.67	2.84	2.77	2.60	2.17	1.81	1.70	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.57	-0.36	-0.33	-0.38	-0.31	-0.26	-0.25	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.02
ADK HUDSON___FALLS	15.27	13.89	13.35	12.81	12.74	13.48	15.27	15.61	16.61	17.58	17.61	18.50	19.68	21.70	22.00	22.14	25.43	27.25	26.14	24.68	21.49	18.20	16.66	15.86
24011	1.18	1.02	0.95	0.93	0.95	1.00	1.04	1.14	1.22	1.29	1.12	1.19	1.30	1.41	1.35	1.32	1.71	2.04	1.98	2.08	1.66	1.33	1.22	1.08
	-0.06	-0.01	-0.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.11	-0.12	-0.19	-0.25	-0.32	-0.27	-0.21	-0.09	0.00	0.00	0.00
ADK RESOURCE___RCVRY	15.32	13.93	13.39	12.83	12.78	13.53	15.33	15.67	16.67	17.66	17.66	18.57	19.73	21.78	22.06	22.24	25.57	27.40	26.29	24.84	21.61	18.29	16.74	15.92
23798	1.24	1.06	0.99	0.95	0.99	1.05	1.10	1.20	1.28	1.37	1.17	1.26	1.36	1.49	1.41	1.42	1.85	2.19	2.13	2.24	1.78	1.42	1.30	1.14
	-0.06	-0.01	-0.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.11	-0.12	-0.19	-0.25	-0.32	-0.27	-0.21	-0.09	0.00	0.00	0.00
ADK S GLENS___FALLS	15.27	13.89	13.35	12.81	12.74	13.48	15.27	15.61	16.61	17.58	17.61	18.50	19.68	21.70	22.00	22.14	25.43	27.25	26.14	24.68	21.49	18.20	16.66	15.86
24028	1.18	1.02	0.95	0.93	0.95	1.00	1.04	1.14	1.22	1.29	1.12	1.19	1.30	1.41	1.35	1.32	1.71	2.04	1.98	2.08	1.66	1.33	1.22	1.08
	-0.06	-0.01	-0.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.11	-0.12	-0.19	-0.25	-0.32	-0.27	-0.21	-0.09	0.00	0.00	0.00
ADK_NYS___DAM	15.17	13.88	13.36	12.80	12.72	13.46	15.28	15.58	16.50	17.45	17.61	18.53	19.71	21.70	22.08	22.25	25.41	26.99	26.00	24.40	21.26	18.09	16.60	15.90
23527	1.10	1.00	0.96	0.93	0.93	0.97	1.05	1.11	1.11	1.16	1.12	1.23	1.34	1.43	1.46	1.47	1.74	1.84	1.89	1.84	1.44	1.22	1.16	1.12
	-0.05	-0.01	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.09	-0.10	-0.15	-0.21	-0.26	-0.22	-0.17	-0.07	0.00	0.00	0.00
AIR_PRODUCTS___DRP	14.88	13.62	13.12	12.57	12.48	13.18	14.99	15.13	15.92	16.83	17.00	17.89	19.03	20.94	21.30	21.46	24.46	26.00	25.01	23.47	20.50	17.44	16.00	15.33
24190	0.81	0.75	0.73	0.70	0.70	0.70	0.75	0.67	0.52	0.54	0.51	0.59	0.66	0.69	0.70	0.70	0.82	0.89	0.93	0.94	0.69	0.57	0.56	0.55
	-0.04	-0.01	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.07	-0.09	-0.13	-0.17	-0.22	-0.19	-0.14	-0.06	0.00	0.00	0.00
ALBANY___1	14.88	13.62	13.12	12.57	12.48	13.18	14.99	15.13	15.92	16.83	17.00	17.89	19.03	20.94	21.30	21.46	24.46	26.00	25.01	23.47	20.50	17.44	16.00	15.33
23571	0.81	0.75	0.73	0.70	0.70	0.70	0.75	0.67	0.52	0.54	0.51	0.59	0.66	0.69	0.70	0.70	0.82	0.89	0.93	0.94	0.69	0.57	0.56	0.55
	-0.04	-0.01	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.07	-0.09	-0.13	-0.17	-0.22	-0.19	-0.14	-0.06	0.00	0.00	0.00
ALBANY___2	14.88	13.62	13.12	12.57	12.48	13.18	14.99	15.13	15.92	16.83	17.00	17.89	19.03	20.94	21.30	21.46	24.46	26.00	25.01	23.47	20.50	17.44	16.00	15.33
23572	0.81	0.75	0.73	0.70	0.70	0.70	0.75	0.67	0.52	0.54	0.51	0.59	0.66	0.69	0.70	0.70	0.82	0.89	0.93	0.94	0.69	0.57	0.56	0.55
	-0.04	-0.01	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.07	-0.09	-0.13	-0.17	-0.22	-0.19	-0.14	-0.06	0.00	0.00	0.00
ALBANY___3	14.88	13.62	13.12	12.57	12.48	13.18	14.99	15.13	15.92	16.83	17.00	17.89	19.03	20.94	21.30	21.46	24.46	26.00	25.01	23.47	20.50	17.44	16.00	15.33
23573	0.81	0.75	0.73	0.70	0.70	0.70	0.75	0.67	0.52	0.54	0.51	0.59	0.66	0.69	0.70	0.70	0.82	0.89	0.93	0.94	0.69	0.57	0.56	0.55
	-0.04	-0.01	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.07	-0.09	-0.13	-0.17	-0.22	-0.19	-0.14	-0.06	0.00	0.00	0.00
ALBANY___4	14.88	13.62	13.12	12.57	12.48	13.18	14.99	15.13	15.92	16.83	17.00	17.89	19.03	20.94	21.30	21.46	24.46	26.00	25.01	23.47	20.50	17.44	16.00	15.33
23574	0.81	0.75	0.73	0.70	0.70	0.70	0.75	0.67	0.52	0.54	0.51	0.59	0.66	0.69	0.70	0.70	0.82	0.89	0.93	0.94	0.69	0.57	0.56	0.55
	-0.04	-0.01	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.07	-0.09	-0.13	-0.17	-0.22	-0.19	-0.14	-0.06	0.00	0.00	0.00



ALBANY___LFGE 323615	15.02 0.94 -0.04	13.72 0.85 -0.01	13.21 0.82 -0.03	12.67 0.79 -0.01	12.58 0.79 0.00	13.28 0.80 0.00	15.09 0.85 0.00	15.28 0.81 0.00	16.13 0.74 0.00	17.07 0.78 0.00	17.23 0.74 0.00	18.14 0.83 0.00	19.29 0.92 -0.02	21.23 0.97 -0.08	21.60 0.98 -0.10	21.75 0.97 -0.15	24.81 1.15 -0.20	26.39 1.24 -0.25	25.37 1.27 -0.21	23.81 1.25 -0.17	20.78 0.97 -0.07	17.66 0.79 0.00	16.20 0.76 0.00	15.51 0.72 0.00
ALCOA_RYNLDS___DRP 24188	12.15 -0.67 1.21	11.95 -0.63 0.28	10.94 -0.59 0.82	10.91 -0.57 0.38	11.26 -0.53 0.00	11.93 -0.55 0.00	13.59 -0.64 0.00	13.85 -0.62 0.00	14.75 -0.65 0.00	15.56 -0.73 0.00	15.69 -0.79 0.00	16.42 -0.88 0.00	16.92 -0.99 0.44	16.84 -1.09 2.26	16.80 -1.07 2.65	15.55 -1.05 4.03	16.82 -1.24 5.40	16.78 -1.30 6.81	16.83 -1.22 5.84	16.80 -1.07 4.52	16.89 -0.99 1.87	16.08 -0.79 0.00	14.73 -0.71 0.00	14.12 -0.66 0.00
ALCOA___DSASP 323711	12.15 -0.67 1.21	11.95 -0.63 0.28	10.94 -0.59 0.82	10.91 -0.57 0.38	11.26 -0.53 0.00	11.93 -0.55 0.00	13.59 -0.64 0.00	13.85 -0.62 0.00	14.75 -0.65 0.00	15.56 -0.73 0.00	15.69 -0.79 0.00	16.42 -0.88 0.00	16.92 -0.99 0.44	16.84 -1.09 2.26	16.80 -1.07 2.65	15.55 -1.05 4.03	16.82 -1.24 5.40	16.78 -1.30 6.81	16.83 -1.22 5.84	16.80 -1.07 4.52	16.89 -0.99 1.87	16.08 -0.79 0.00	14.73 -0.71 0.00	14.12 -0.66 0.00
ALLEGHENY___COGEN 23514	14.38 0.35 0.00	13.26 0.40 0.00	12.62 0.26 0.00	12.10 0.24 0.00	12.05 0.26 0.00	12.84 0.36 0.00	14.76 0.53 0.00	15.38 0.91 0.00	16.85 1.12 -0.33	18.22 1.43 -0.49	19.35 1.62 -1.25	20.07 1.06 -1.71	21.22 1.16 -1.71	23.06 1.66 -1.23	23.37 1.52 -1.33	23.38 1.47 -1.29	26.34 1.64 -1.23	27.95 1.62 -1.44	26.21 1.31 -1.00	23.60 1.07 -0.14	21.07 1.32 0.00	18.39 1.52 0.00	16.57 1.13 0.00	15.68 0.90 0.00
ALTONA_WT_PWR 323606	12.25 -0.53 1.25	12.07 -0.50 0.29	11.04 -0.47 0.85	11.02 -0.45 0.39	11.40 -0.39 0.00	12.08 -0.40 0.00	13.78 -0.46 0.00	14.08 -0.39 0.00	15.00 -0.40 0.00	15.85 -0.44 0.00	15.99 -0.49 0.00	16.72 -0.59 0.00	17.25 -0.64 0.46	17.06 -0.79 2.34	16.94 -0.84 2.74	15.64 -0.83 4.17	17.03 -0.84 5.59	17.02 -0.82 7.06	17.01 0.22 6.05	16.86 -0.84 4.68	17.02 -0.85 1.94	16.18 -0.79 0.00	14.80 -0.65 0.00	14.13 -0.65 0.00
AMERICAN_REF_FUEL 24010	13.54 -0.49 0.00	12.59 -0.27 0.00	11.95 -0.41 0.00	11.46 -0.40 0.00	11.41 -0.38 0.00	12.32 -0.16 0.00	13.99 -0.24 0.00	14.60 0.13 0.00	16.22 0.29 -0.54	18.90 0.57 -2.04	19.35 0.81 -2.05	20.91 0.80 -2.80	22.01 0.84 -2.81	26.09 0.83 -5.09	26.84 0.80 -5.52	26.66 0.62 -5.40	29.29 0.63 -5.19	30.87 0.22 -5.76	27.69 0.02 -3.78	22.55 -0.25 -0.41	20.04 0.30 0.00	17.19 0.32 0.00	15.54 0.09 0.00	14.72 -0.06 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.06 0.03 0.00	13.03 0.17 0.00	12.37 0.01 0.00	11.89 0.02 0.00	11.87 0.08 0.00	12.93 0.45 0.00	14.79 0.55 0.00	15.57 1.10 0.00	18.61 1.48 -1.73	20.70 1.87 -2.54	25.22 2.18 -6.55	28.46 2.22 -8.94	29.62 2.31 -8.96	28.68 2.22 -6.28	29.56 2.22 -6.82	29.31 2.00 -6.68	32.13 2.25 -6.41	34.14 1.94 -7.30	30.49 1.65 -4.96	24.32 1.32 -0.61	21.42 1.68 0.00	18.22 1.35 0.00	16.35 0.91 0.00	15.40 0.62 0.00
ARTHUR_KILL_GT_1 23520	15.41 1.38 0.00	14.01 1.14 0.00	13.44 1.07 0.00	12.87 1.01 0.00	12.77 0.98 0.00	13.51 1.04 0.01	15.53 1.31 0.01	15.98 1.52 0.01	17.05 1.65 -0.01	18.59 1.74 -0.55	18.58 1.75 -0.35	19.51 1.89 -0.32	20.76 2.04 -0.37	22.70 2.22 -0.30	23.05 2.28 -0.25	23.20 2.33 -0.24	26.14 2.67 -0.01	27.74 2.86 0.01	26.65 2.77 0.01	24.93 2.55 0.01	21.84 2.09 0.00	18.61 1.74 0.00	17.08 1.64 0.00	16.44 1.64 -0.02
ARTHUR_KILL_2 23512	15.36 1.33 0.00	13.97 1.11 0.00	13.41 1.05 0.00	12.85 0.98 0.00	12.73 0.94 0.00	13.47 1.00 0.01	15.49 1.27 0.01	15.94 1.48 0.01	17.00 1.60 -0.01	18.54 1.69 -0.55	18.53 1.70 -0.35	19.46 1.83 -0.32	20.70 1.98 -0.37	22.64 2.16 -0.30	22.99 2.22 -0.25	23.14 2.27 -0.24	26.08 2.60 -0.01	27.67 2.79 0.01	26.58 2.70 0.01	24.82 2.44 0.01	21.74 1.99 0.00	18.53 1.65 0.00	17.02 1.58 0.00	16.38 1.58 -0.02
ARTHUR_KILL_3 23513	15.43 1.40 0.00	14.07 1.21 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.85 1.06 0.00	13.61 1.12 0.00	15.57 1.34 0.00	15.99 1.52 0.00	17.04 1.63 -0.02	18.56 1.71 -0.56	18.56 1.71 -0.36	19.49 1.85 -0.33	20.71 1.98 -0.38	22.63 2.14 -0.31	23.00 2.22 -0.26	23.13 2.25 -0.25	26.04 2.56 -0.02	27.58 2.69 0.00	26.54 2.65 0.00	24.90 2.51 0.00	21.82 2.07 0.00	18.59 1.72 0.00	17.06 1.62 0.00	16.44 1.64 -0.02
ARTHUR_KILL_COGEN 323718	15.41 1.38 0.00	14.01 1.14 0.00	13.44 1.07 0.00	12.87 1.01 0.00	12.77 0.98 0.00	13.51 1.04 0.01	15.53 1.31 0.01	15.98 1.52 0.01	17.05 1.65 -0.01	18.59 1.74 -0.55	18.58 1.75 -0.35	19.51 1.89 -0.32	20.76 2.04 -0.37	22.70 2.22 -0.30	23.05 2.28 -0.25	23.20 2.33 -0.24	26.14 2.67 -0.01	27.74 2.86 0.01	26.65 2.77 0.01	24.93 2.55 0.01	21.84 2.09 0.00	18.61 1.74 0.00	17.08 1.64 0.00	16.44 1.64 -0.02
ASHOKAN____ 23654	15.11 1.08 0.00	13.78 0.91 0.00	13.21 0.85 0.00	12.68 0.82 0.00	12.55 0.77 0.00	13.22 0.74 0.00	15.16 0.92 0.00	15.54 1.07 0.00	16.53 1.14 0.00	17.52 1.22 0.00	17.81 1.32 0.00	18.62 1.31 0.00	19.80 1.45 0.00	21.47 1.29 0.00	22.06 1.54 0.00	22.24 1.61 0.00	25.32 1.85 0.00	26.76 1.87 0.00	25.92 2.03 0.00	24.31 1.93 0.00	21.03 1.28 0.00	18.03 1.16 0.00	16.52 1.08 0.00	15.92 1.14 0.00
ASTORIA_EAST_ENERGY_CC1 323581	15.43 1.40 0.00	14.05 1.20 0.01	13.49 1.14 0.01	12.94 1.09 0.01	12.84 1.06 0.01	13.57 1.10 0.01	15.58 1.35 0.01	16.05 1.59 0.01	17.13 1.72 -0.01	18.69 1.84 -0.55	18.67 1.83 -0.35	19.60 1.97 -0.32	20.83 2.11 -0.37	22.76 2.28 -0.30	23.11 2.34 -0.25	23.24 2.37 -0.24	26.17 2.70 -0.01	27.69 2.81 0.01	26.60 2.72 0.01	24.89 2.51 0.01	21.79 2.05 0.01	18.58 1.72 0.01	17.09 1.65 0.01	16.50 1.71 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	15.43 1.40 0.00	14.05 1.20 0.01	13.49 1.14 0.01	12.94 1.09 0.01	12.84 1.06 0.01	13.57 1.10 0.01	15.58 1.35 0.01	16.05 1.59 0.01	17.13 1.72 -0.01	18.69 1.84 -0.55	18.67 1.83 -0.35	19.60 1.97 -0.32	20.83 2.11 -0.37	22.76 2.28 -0.30	23.11 2.34 -0.25	23.24 2.37 -0.24	26.17 2.70 -0.01	27.69 2.81 0.01	26.60 2.72 0.01	24.89 2.51 0.01	21.79 2.05 0.01	18.58 1.72 0.01	17.09 1.65 0.01	16.50 1.71 -0.01
ASTORIA_GT2_I 24094	15.45 1.42 0.00	14.07 1.21 0.01	13.50 1.15 0.01	12.94 1.09 0.01	12.84 1.06 0.01	13.58 1.11 0.01	15.58 1.35 0.01	16.05 1.59 0.01	17.13 1.72 -0.01	18.69 1.84 -0.55	18.68 1.85 -0.35	19.60 1.97 -0.32	20.83 2.11 -0.37	22.78 2.30 -0.30	23.13 2.36 -0.25	23.26 2.39 -0.24	26.17 2.70 -0.01	27.69 2.81 0.01	26.60 2.72 0.01	24.89 2.51 0.01	21.81 2.07 0.01	18.58 1.72 0.01	17.10 1.67 0.01	16.50 1.71 -0.01



ASTORIA_GT2_2 24095	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT2_3 24096	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT2_4 24097	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT3_1 24098	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT3_2 24099	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT3_3 24100	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT3_4 24101	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT4_1 24102	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT4_2 24103	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT4_3 24104	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT4_4 24105	15.45 <u>1.42</u> 0.00	14.07 <u>1.21</u> 0.01	13.50 <u>1.15</u> 0.01	12.94 <u>1.09</u> 0.01	12.84 <u>1.06</u> 0.01	13.58 <u>1.11</u> 0.01	15.58 <u>1.35</u> 0.01	16.05 <u>1.59</u> 0.01	17.13 <u>1.72</u> -0.01	18.69 <u>1.84</u> -0.55	18.68 <u>1.85</u> -0.35	19.60 <u>1.97</u> -0.32	20.83 <u>2.11</u> -0.37	22.78 <u>2.30</u> -0.30	23.13 <u>2.36</u> -0.25	23.26 <u>2.39</u> -0.24	26.17 <u>2.70</u> -0.01	27.69 <u>2.81</u> 0.01	26.60 <u>2.72</u> 0.01	24.89 <u>2.51</u> 0.01	21.81 <u>2.07</u> 0.01	18.58 <u>1.72</u> 0.01	17.10 <u>1.67</u> 0.01	16.50 <u>1.71</u> -0.01
ASTORIA_GT_1 23523	15.48 <u>1.45</u> 0.00	14.09 <u>1.24</u> 0.01	13.53 <u>1.17</u> 0.01	12.97 <u>1.11</u> 0.01	12.86 <u>1.08</u> 0.01	13.61 <u>1.14</u> 0.01	15.60 <u>1.38</u> 0.01	16.09 <u>1.63</u> 0.01	17.17 <u>1.77</u> -0.01	18.73 <u>1.89</u> -0.55	18.71 <u>1.88</u> -0.35	19.65 <u>2.02</u> -0.32	20.89 <u>2.16</u> -0.37	22.82 <u>2.34</u> -0.30	23.19 <u>2.42</u> -0.25	23.30 <u>2.43</u> -0.24	26.24 <u>2.77</u> -0.01	27.77 <u>2.89</u> 0.01	26.67 <u>2.79</u> 0.01	24.95 <u>2.57</u> 0.01	21.85 <u>2.11</u> 0.01	18.63 <u>1.77</u> 0.01	17.13 <u>1.70</u> 0.01	16.53 <u>1.74</u> -0.01
ASTORIA_GT_10 24110	15.48 <u>1.45</u> 0.00	14.10 <u>1.24</u> 0.00	13.54 <u>1.17</u> 0.00	12.98 <u>1.11</u> 0.00	12.86 <u>1.07</u> 0.00	13.62 <u>1.14</u> 0.00	15.64 <u>1.41</u> 0.00	16.09 <u>1.62</u> -0.01	17.73 <u>1.72</u> -0.61	18.69 <u>1.82</u> -0.57	19.48 <u>1.83</u> -1.16	19.68 <u>1.97</u> -0.40	22.31 <u>2.11</u> -1.85	28.11 <u>2.28</u> -5.65	23.12 <u>2.34</u> -0.26	28.11 <u>2.37</u> -5.11	28.31 <u>2.67</u> -2.17	28.31 <u>2.86</u> -0.56	26.69 <u>2.79</u> -0.01	25.01 <u>2.62</u> 0.00	21.90 <u>2.15</u> 0.00	18.68 <u>1.81</u> 0.00	17.14 <u>1.70</u> 0.00	16.50 <u>1.70</u> -0.02
ASTORIA_GT_11 24225	15.48 <u>1.45</u> 0.00	14.10 <u>1.24</u> 0.00	13.54 <u>1.17</u> 0.00	12.98 <u>1.11</u> 0.00	12.86 <u>1.07</u> 0.00	13.62 <u>1.14</u> 0.00	15.64 <u>1.41</u> 0.00	16.09 <u>1.62</u> -0.01	17.73 <u>1.72</u> -0.61	18.69 <u>1.82</u> -0.57	19.48 <u>1.83</u> -1.16	19.68 <u>1.97</u> -0.40	22.31 <u>2.11</u> -1.85	28.11 <u>2.28</u> -5.65	23.12 <u>2.34</u> -0.26	28.11 <u>2.37</u> -5.11	28.31 <u>2.67</u> -2.17	28.31 <u>2.86</u> -0.56	26.69 <u>2.79</u> -0.01	25.01 <u>2.62</u> 0.00	21.90 <u>2.15</u> 0.00	18.68 <u>1.81</u> 0.00	17.14 <u>1.70</u> 0.00	16.50 <u>1.70</u> -0.02
ASTORIA_GT_12 24226	15.48 <u>1.45</u> 0.00	14.10 <u>1.24</u> 0.00	13.54 <u>1.17</u> 0.00	12.98 <u>1.11</u> 0.00	12.86 <u>1.07</u> 0.00	13.62 <u>1.14</u> 0.00	15.64 <u>1.41</u> 0.00	16.09 <u>1.62</u> -0.01	17.73 <u>1.72</u> -0.61	18.69 <u>1.82</u> -0.57	19.48 <u>1.83</u> -1.16	19.68 <u>1.97</u> -0.40	22.31 <u>2.11</u> -1.85	28.11 <u>2.28</u> -5.65	23.12 <u>2.34</u> -0.26	28.11 <u>2.37</u> -5.11	28.31 <u>2.67</u> -2.17	28.31 <u>2.86</u> -0.56	26.69 <u>2.79</u> -0.01	25.01 <u>2.62</u> 0.00	21.90 <u>2.15</u> 0.00	18.68 <u>1.81</u> 0.00	17.14 <u>1.70</u> 0.00	16.50 <u>1.70</u> -0.02



ASTORIA_GT_13 24227	15.48 1.45 0.00	14.10 1.24 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.64 1.41 0.00	16.09 1.62 -0.01	17.73 1.72 -0.61	18.69 1.82 -0.57	19.48 1.83 -1.16	19.68 1.97 -0.40	22.31 2.11 -1.85	28.11 2.28 -5.65	23.12 2.34 -0.26	28.11 2.37 -5.11	28.31 2.67 -2.17	28.31 2.86 -0.56	26.69 2.79 -0.01	25.01 2.62 0.00	21.90 2.15 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
ASTORIA_GT_5 24106	15.48 1.45 0.00	14.09 1.24 0.01	13.53 1.17 0.01	12.97 1.11 0.01	12.86 1.08 0.01	13.61 1.14 0.01	15.60 1.38 0.01	16.09 1.63 0.01	17.17 1.77 -0.01	18.73 1.89 -0.55	18.71 1.88 -0.35	19.65 2.02 -0.32	20.89 2.16 -0.37	22.82 2.34 -0.30	23.19 2.42 -0.25	23.30 2.43 -0.24	26.24 2.77 -0.01	27.77 2.89 0.01	26.67 2.79 0.01	24.95 2.57 0.01	21.85 2.11 0.01	18.63 1.77 0.01	17.13 1.70 0.01	16.53 1.74 -0.01
ASTORIA_GT_7 24107	15.48 1.45 0.00	14.09 1.24 0.01	13.53 1.17 0.01	12.97 1.11 0.01	12.86 1.08 0.01	13.61 1.14 0.01	15.60 1.38 0.01	16.09 1.63 0.01	17.17 1.77 -0.01	18.73 1.89 -0.55	18.71 1.88 -0.35	19.65 2.02 -0.32	20.89 2.16 -0.37	22.82 2.34 -0.30	23.19 2.42 -0.25	23.30 2.43 -0.24	26.24 2.77 -0.01	27.77 2.89 0.01	26.67 2.79 0.01	24.95 2.57 0.01	21.85 2.11 0.01	18.63 1.77 0.01	17.13 1.70 0.01	16.53 1.74 -0.01
ASTORIA_GT_8 24108	15.48 1.45 0.00	14.09 1.24 0.01	13.53 1.17 0.01	12.97 1.11 0.01	12.86 1.08 0.01	13.61 1.14 0.01	15.60 1.38 0.01	16.09 1.63 0.01	17.17 1.77 -0.01	18.73 1.89 -0.55	18.71 1.88 -0.35	19.65 2.02 -0.32	20.89 2.16 -0.37	22.82 2.34 -0.30	23.19 2.42 -0.25	23.30 2.43 -0.24	26.24 2.77 -0.01	27.77 2.89 0.01	26.67 2.79 0.01	24.95 2.57 0.01	21.85 2.11 0.01	18.63 1.77 0.01	17.13 1.70 0.01	16.53 1.74 -0.01
ASTORIA___2 24149	15.45 1.42 0.00	14.07 1.21 0.01	13.50 1.15 0.01	12.94 1.09 0.01	12.84 1.06 0.01	13.58 1.11 0.01	15.58 1.35 0.01	16.05 1.59 0.01	17.13 1.72 -0.01	18.69 1.84 -0.55	18.68 1.85 -0.35	19.60 1.97 -0.32	20.83 2.11 -0.37	22.78 2.30 -0.30	23.13 2.36 -0.25	23.26 2.39 -0.24	26.17 2.70 -0.01	27.69 2.81 0.01	26.60 2.72 0.01	24.89 2.51 0.01	21.81 2.07 0.01	18.58 1.72 0.01	17.10 1.67 0.01	16.50 1.71 -0.01
ASTORIA___3 23516	15.48 1.45 0.00	14.10 1.24 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.64 1.41 0.00	16.09 1.62 -0.01	17.73 1.72 -0.61	18.69 1.82 -0.57	19.48 1.83 -1.16	19.68 1.97 -0.40	22.31 2.11 -1.85	28.11 2.28 -5.65	23.12 2.34 -0.26	28.11 2.37 -5.11	28.31 2.67 -2.17	28.31 2.86 -0.56	26.69 2.79 -0.01	25.01 2.62 0.00	21.90 2.15 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
ASTORIA___4 23517	15.45 1.42 0.00	14.07 1.21 0.01	13.50 1.15 0.01	12.94 1.09 0.01	12.84 1.06 0.01	13.58 1.11 0.01	15.58 1.35 0.01	16.05 1.59 0.01	17.13 1.72 -0.01	18.69 1.84 -0.55	18.68 1.85 -0.35	19.60 1.97 -0.32	20.83 2.11 -0.37	22.78 2.30 -0.30	23.13 2.36 -0.25	23.26 2.39 -0.24	26.17 2.70 -0.01	27.69 2.81 0.01	26.60 2.72 0.01	24.89 2.51 0.01	21.81 2.07 0.01	18.58 1.72 0.01	17.10 1.67 0.01	16.50 1.71 -0.01
ASTORIA___5 23518	15.48 1.45 0.00	14.10 1.24 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.64 1.41 0.00	16.09 1.62 -0.01	17.73 1.72 -0.61	18.69 1.82 -0.57	19.48 1.83 -1.16	19.68 1.97 -0.40	22.31 2.11 -1.85	28.11 2.28 -5.65	23.12 2.34 -0.26	28.11 2.37 -5.11	28.31 2.67 -2.17	28.31 2.86 -0.56	26.69 2.79 -0.01	25.01 2.62 0.00	21.90 2.15 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
AST_ENERGY_2_CC3 323677	15.45 1.42 0.00	14.07 1.21 0.00	13.52 1.16 0.00	12.97 1.10 0.00	12.85 1.06 0.00	13.61 1.12 0.00	15.60 1.37 0.00	16.02 1.55 0.00	17.06 1.65 -0.02	18.58 1.73 -0.56	18.57 1.73 -0.36	19.49 1.85 -0.33	20.73 2.00 -0.38	22.65 2.16 -0.31	23.00 2.22 -0.26	23.15 2.27 -0.25	26.04 2.56 -0.02	27.60 2.71 0.00	26.56 2.67 0.00	24.89 2.51 0.00	21.84 2.09 0.00	18.61 1.74 0.00	17.08 1.64 0.00	16.48 1.68 -0.02
AST_ENERGY_2_CC4 323678	15.45 1.42 0.00	14.07 1.21 0.00	13.52 1.16 0.00	12.97 1.10 0.00	12.85 1.06 0.00	13.61 1.12 0.00	15.60 1.37 0.00	16.02 1.55 0.00	17.06 1.65 -0.02	18.58 1.73 -0.56	18.57 1.73 -0.36	19.49 1.85 -0.33	20.73 2.00 -0.38	22.65 2.16 -0.31	23.00 2.22 -0.26	23.15 2.27 -0.25	26.04 2.56 -0.02	27.60 2.71 0.00	26.56 2.67 0.00	24.89 2.51 0.00	21.84 2.09 0.00	18.61 1.74 0.00	17.08 1.64 0.00	16.48 1.68 -0.02
ATHENS_STG_1 23668	14.89 0.86 0.00	13.64 0.77 0.00	13.11 0.75 0.00	12.59 0.72 0.00	12.50 0.71 0.00	13.19 0.71 0.00	15.04 0.81 0.00	15.35 0.88 0.00	16.32 0.92 0.00	17.25 0.96 0.00	17.44 0.96 0.00	18.34 1.04 0.00	19.49 1.14 0.00	21.39 1.21 0.00	21.75 1.23 0.00	21.89 1.26 0.00	24.89 1.43 0.00	26.41 1.52 0.00	25.39 1.51 0.00	23.82 1.43 0.00	20.93 1.18 0.00	17.87 1.00 0.00	16.37 0.93 0.00	15.71 0.93 0.00
ATHENS_STG_2 23670	14.89 0.86 0.00	13.64 0.77 0.00	13.11 0.75 0.00	12.59 0.72 0.00	12.50 0.71 0.00	13.19 0.71 0.00	15.04 0.81 0.00	15.35 0.88 0.00	16.32 0.92 0.00	17.25 0.96 0.00	17.44 0.96 0.00	18.34 1.04 0.00	19.49 1.14 0.00	21.39 1.21 0.00	21.75 1.23 0.00	21.89 1.26 0.00	24.89 1.43 0.00	26.41 1.52 0.00	25.39 1.51 0.00	23.82 1.43 0.00	20.93 1.18 0.00	17.87 1.00 0.00	16.37 0.93 0.00	15.71 0.93 0.00
ATHENS_STG_3 23677	14.89 0.86 0.00	13.64 0.77 0.00	13.11 0.75 0.00	12.59 0.72 0.00	12.50 0.71 0.00	13.19 0.71 0.00	15.04 0.81 0.00	15.35 0.88 0.00	16.32 0.92 0.00	17.25 0.96 0.00	17.44 0.96 0.00	18.34 1.04 0.00	19.49 1.14 0.00	21.39 1.21 0.00	21.75 1.23 0.00	21.89 1.26 0.00	24.89 1.43 0.00	26.41 1.52 0.00	25.39 1.51 0.00	23.82 1.43 0.00	20.93 1.18 0.00	17.87 1.00 0.00	16.37 0.93 0.00	15.71 0.93 0.00
AUBURN___LFGE 323710	14.19 0.15 0.00	13.01 0.14 0.00	12.45 0.09 0.00	11.95 0.08 0.00	11.87 0.08 0.00	12.61 0.12 0.00	14.42 0.18 0.00	14.74 0.27 0.00	15.75 0.35 0.00	16.75 0.46 0.00	17.00 0.51 0.00	17.86 0.55 0.00	18.92 0.57 0.00	20.85 0.66 0.00	21.14 0.62 0.00	21.23 0.60 0.00	24.14 0.68 0.00	25.56 0.67 0.00	24.44 0.55 0.00	22.88 0.49 0.00	20.34 0.59 0.00	17.38 0.51 0.00	15.81 0.37 0.00	15.06 0.28 0.00
BABYLON_RES_REC 323704	15.98 1.84 -0.12	14.50 1.62 -0.01	13.84 1.47 -0.01	13.21 1.35 0.00	13.19 1.39 -0.01	14.03 1.53 -0.01	16.41 1.82 -0.36	19.97 2.01 -3.49	21.01 2.16 -3.45	22.96 2.28 -4.39	23.47 2.22 -4.76	24.05 2.39 -4.36	25.74 2.37 -5.02	26.79 2.54 -4.07	28.13 2.46 -5.15	28.55 2.47 -5.44	29.92 2.91 -3.55	32.58 3.09 -4.60	29.48 3.01 -2.58	28.19 2.73 -3.07	27.00 2.33 -4.93	23.82 2.11 -4.84	22.69 1.98 -5.27	20.50 1.99 -3.73



BARRETT_IC_1 23704	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_10 23701	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_11 23702	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_12 23703	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_2 23705	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_3 23706	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_4 23707	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_5 23708	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_6 23709	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_7 23710	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_8 23711	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT_IC_9 23700	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT___1 23545	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BARRETT___2 23546	15.77 1.63 -0.11	14.33 1.45 -0.01	13.69 1.32 -0.01	13.09 1.22 -0.01	13.03 1.24 -0.01	13.82 1.34 -0.01	16.17 1.58 -0.36	19.74 1.74 -3.54	20.71 1.86 -3.45	22.56 1.89 -4.38	23.00 1.76 -4.75	23.56 1.90 -4.35	25.40 2.04 -5.01	26.38 2.14 -4.06	26.13 2.17 -3.44	26.08 2.17 -3.28	26.30 2.58 -0.26	27.81 2.71 -0.20	26.67 2.65 -0.13	26.14 2.42 -1.34	23.00 2.05 -1.20	23.49 1.79 -4.83	22.55 1.84 -5.27	20.35 1.85 -3.73
BAYONEEC___CTG1 323682	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02



BAYONEEC___CTG10 323750	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
BAYONEEC___CTG2 323683	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
BAYONEEC___CTG3 323684	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
BAYONEEC___CTG4 323685	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
BAYONEEC___CTG5 323686	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
BAYONEEC___CTG6 323687	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
BAYONEEC___CTG7 323688	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
BAYONEEC___CTG8 323689	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
BAYONEEC___CTG9 323749	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
BEACON___LESR 323632	15.02 0.95 -0.04	13.72 0.85 -0.01	13.22 0.83 -0.03	12.68 0.81 -0.01	12.59 0.80 0.00	13.32 0.84 0.00	15.14 0.91 0.00	15.33 0.87 0.00	16.18 0.78 0.00	17.11 0.81 0.00	17.28 0.79 0.00	18.17 0.86 0.00	19.30 0.94 -0.01	21.22 0.97 -0.07	21.63 1.03 -0.09	21.77 1.01 -0.13	24.83 1.20 -0.17	26.38 1.27 -0.22	25.41 1.34 -0.19	23.85 1.32 -0.14	20.81 1.01 -0.06	17.70 0.83 0.00	16.22 0.77 0.00	15.54 0.75 0.00
BEAVER RIVER___HYD 24048	13.84 0.15 0.34	12.86 0.08 0.08	12.20 0.07 0.23	11.83 0.07 0.11	11.88 0.09 0.00	12.64 0.16 0.00	14.47 0.24 0.00	14.74 0.27 0.00	15.69 0.29 0.00	16.65 0.36 0.00	16.83 0.35 0.00	17.69 0.38 0.00	18.59 0.37 0.13	19.88 0.34 0.64	20.22 0.45 0.75	19.92 0.43 1.15	22.37 0.44 1.54	23.40 0.45 1.94	22.66 0.43 1.66	21.66 0.56 1.29	19.80 0.59 0.53	17.39 0.52 0.00	15.80 0.36 0.00	15.00 0.22 0.00
BEEBEE_GT_13 23619	13.92 -0.11 0.00	12.85 -0.01 0.00	12.24 -0.12 0.00	11.73 -0.13 0.00	11.68 -0.11 0.00	12.43 -0.05 0.00	14.22 -0.01 0.00	14.65 0.19 0.00	15.72 0.32 0.00	16.83 0.54 0.00	17.18 0.69 0.00	18.00 0.69 0.00	19.12 0.77 0.00	21.21 1.03 0.00	21.53 1.01 0.00	21.56 0.93 0.00	24.49 1.03 0.00	25.74 0.89 0.05	24.53 0.72 0.08	22.85 0.49 0.03	20.44 0.69 0.00	17.50 0.62 0.00	15.81 0.37 0.00	14.99 0.21 0.00
BETHLEHEM___GRP 23843	14.88 0.81 -0.04	13.62 0.75 -0.01	13.12 0.73 -0.03	12.57 0.70 -0.01	12.48 0.70 0.00	13.18 0.70 0.00	14.99 0.75 0.00	15.13 0.67 0.00	15.92 0.52 0.00	16.83 0.54 0.00	17.00 0.51 0.00	17.89 0.59 0.00	19.03 0.66 -0.01	20.94 0.69 -0.07	21.30 0.70 -0.09	21.46 0.70 -0.13	24.46 0.82 -0.17	26.00 0.89 -0.22	25.01 0.93 -0.19	23.47 0.94 -0.14	20.50 0.69 -0.06	17.44 0.57 0.00	16.00 0.56 0.00	15.33 0.55 0.00
BETHLEHEM___GS1 323560	14.88 0.81 -0.04	13.62 0.75 -0.01	13.12 0.73 -0.03	12.57 0.70 -0.01	12.48 0.70 0.00	13.18 0.70 0.00	14.99 0.75 0.00	15.13 0.67 0.00	15.92 0.52 0.00	16.83 0.54 0.00	17.00 0.51 0.00	17.89 0.59 0.00	19.03 0.66 -0.01	20.94 0.69 -0.07	21.30 0.70 -0.09	21.46 0.70 -0.13	24.46 0.82 -0.17	26.00 0.89 -0.22	25.01 0.93 -0.19	23.47 0.94 -0.14	20.50 0.69 -0.06	17.44 0.57 0.00	16.00 0.56 0.00	15.33 0.55 0.00
BETHLEHEM___GS2 323561	14.88 0.81 -0.04	13.62 0.75 -0.01	13.12 0.73 -0.03	12.57 0.70 -0.01	12.48 0.70 0.00	13.18 0.70 0.00	14.99 0.75 0.00	15.13 0.67 0.00	15.92 0.52 0.00	16.83 0.54 0.00	17.00 0.51 0.00	17.89 0.59 0.00	19.03 0.66 -0.01	20.94 0.69 -0.07	21.30 0.70 -0.09	21.46 0.70 -0.13	24.46 0.82 -0.17	26.00 0.89 -0.22	25.01 0.93 -0.19	23.47 0.94 -0.14	20.50 0.69 -0.06	17.44 0.57 0.00	16.00 0.56 0.00	15.33 0.55 0.00



BETHLEHEM___GS3 323562	14.88 0.81 -0.04	13.62 0.75 -0.01	13.12 0.73 -0.03	12.57 0.70 -0.01	12.48 0.70 0.00	13.18 0.70 0.00	14.99 0.75 0.00	15.13 0.67 0.00	15.92 0.52 0.00	16.83 0.54 0.00	17.00 0.51 0.00	17.89 0.59 0.00	19.03 0.66 -0.01	20.94 0.69 -0.07	21.30 0.70 -0.09	21.46 0.70 -0.13	24.46 0.82 -0.17	26.00 0.89 -0.22	25.01 0.93 -0.19	23.47 0.94 -0.14	20.50 0.69 -0.06	17.44 0.57 0.00	16.00 0.56 0.00	15.33 0.55 0.00
BETHLEHEM___STEEL 23779	14.00 -0.03 0.00	13.01 0.14 0.00	12.34 -0.02 0.00	11.84 -0.02 0.00	11.78 -0.01 0.00	12.76 0.27 0.00	14.53 0.30 0.00	15.22 0.75 0.00	18.51 1.02 -2.10	20.61 1.35 -2.96	26.02 1.62 -7.92	29.71 1.61 -10.79	30.88 1.71 -10.82	29.23 1.71 -7.33	30.22 1.72 -7.97	29.98 1.55 -7.80	32.65 1.69 -7.49	34.69 1.29 -8.51	30.72 1.08 -5.76	23.81 0.72 -0.70	20.87 1.12 0.00	17.88 1.01 0.00	16.12 0.68 0.00	15.25 0.47 0.00
BETHPAGE_CC_5 323564	15.91 1.77 -0.11	14.44 1.57 -0.01	13.78 1.41 -0.01	13.17 1.30 0.00	13.13 1.33 -0.01	13.94 1.45 -0.01	16.31 1.72 -0.36	19.88 1.92 -3.49	20.91 2.06 -3.45	22.80 2.12 -4.39	23.27 2.03 -4.76	23.83 2.16 -4.36	25.69 2.31 -5.02	26.73 2.48 -4.07	27.66 2.46 -4.68	27.99 2.52 -4.84	29.03 2.93 -2.64	31.36 3.09 -3.38	28.85 3.06 -1.90	27.75 2.78 -2.59	25.99 2.35 -3.90	23.72 2.01 -4.84	22.64 1.93 -5.27	20.49 1.98 -3.73
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	14.09 0.06 0.00	13.07 0.21 0.00	12.40 0.04 0.00	11.90 0.04 0.00	11.85 0.06 0.00	12.83 0.35 0.00	14.63 0.40 0.00	15.33 0.87 0.00	18.54 1.14 -2.01	20.62 1.48 -2.85	25.81 1.75 -7.58	29.38 1.75 -10.33	30.56 1.85 -10.35	29.09 1.86 -7.05	30.05 1.87 -7.66	29.82 1.69 -7.50	32.52 1.85 -7.20	34.57 1.49 -8.18	30.67 1.24 -5.54	23.94 0.87 -0.68	21.01 1.26 0.00	17.98 1.11 0.00	16.20 0.76 0.00	15.34 0.56 0.00
BINGHAMTON___COGEN 23790	14.34 0.31 0.00	13.19 0.32 0.00	12.62 0.26 0.00	12.11 0.25 0.00	12.05 0.26 0.00	12.79 0.31 0.00	14.60 0.37 0.00	14.99 0.52 0.00	16.06 0.60 -0.07	17.20 0.70 -0.21	17.51 0.78 -0.25	18.45 0.80 -0.34	19.54 0.84 -0.34	21.58 0.87 -0.53	22.00 0.90 -0.57	22.07 0.87 -0.57	24.97 0.96 -0.54	26.46 0.92 -0.65	25.23 0.88 -0.46	23.19 0.74 -0.07	20.54 0.79 0.00	17.55 0.68 0.00	15.98 0.54 0.00	15.28 0.50 0.00
BLACK RIVER___HYD 24047	14.10 0.31 0.24	13.01 0.21 0.06	12.38 0.19 0.16	11.98 0.19 0.07	11.99 0.20 0.00	12.78 0.30 0.00	14.67 0.44 0.00	14.93 0.46 0.00	15.90 0.51 0.00	16.91 0.62 0.00	17.10 0.61 0.00	17.98 0.67 0.00	18.95 0.68 0.09	20.42 0.69 0.44	20.80 0.80 0.52	20.62 0.78 0.79	23.27 0.87 1.06	24.50 0.95 1.34	23.58 0.84 1.15	22.46 0.96 0.89	20.38 1.01 0.37	17.71 0.84 0.00	16.06 0.62 0.00	15.17 0.38 0.00
BLISS_WT_PWR 323608	14.17 0.14 0.00	13.14 0.27 0.00	12.47 0.11 0.00	11.96 0.09 0.00	11.91 0.12 0.00	12.94 0.46 0.00	14.79 0.55 0.00	15.72 1.26 0.00	18.65 1.55 -1.70	20.60 1.89 -2.41	25.10 2.18 -6.44	28.26 2.18 -8.78	29.44 2.29 -8.80	28.37 2.22 -5.97	29.31 2.30 -6.49	29.11 2.13 -6.35	31.91 2.35 -6.10	33.74 1.89 -6.95	30.36 1.74 -4.73	24.32 1.34 -0.58	21.36 1.62 0.00	18.29 1.42 0.00	16.48 1.03 0.00	15.64 0.86 0.00
BLUE_CIRC_CHEM_DRP 24182	14.82 0.79 0.00	13.59 0.72 0.00	13.07 0.70 0.00	12.54 0.68 0.00	12.46 0.67 0.00	13.15 0.67 0.00	14.96 0.73 0.00	15.19 0.72 0.00	16.07 0.68 0.00	16.99 0.70 0.00	17.16 0.68 0.00	18.07 0.76 0.00	19.18 0.83 0.00	21.07 0.89 0.00	21.42 0.90 0.00	21.54 0.91 0.00	24.52 1.06 0.00	26.04 1.15 0.00	25.04 1.15 0.00	23.51 1.12 0.00	20.63 0.89 0.00	17.61 0.74 0.00	16.15 0.71 0.00	15.48 0.69 0.00
BOC_GAS_DRP 24189	14.76 0.73 0.00	13.53 0.67 0.00	13.03 0.67 0.00	12.50 0.64 0.00	12.41 0.62 0.00	13.12 0.64 0.00	14.91 0.68 0.00	15.16 0.69 0.00	16.06 0.66 0.00	16.99 0.70 0.00	17.16 0.68 0.00	18.05 0.74 0.00	19.16 0.81 0.00	21.05 0.87 0.00	21.40 0.88 0.00	21.52 0.89 0.00	24.49 1.03 0.00	26.01 1.12 0.00	25.01 1.12 0.00	23.48 1.10 0.00	20.61 0.87 0.00	17.60 0.72 0.00	16.12 0.68 0.00	15.46 0.68 0.00
BORALEX_4TH_BRANCH 23824	15.17 1.10 -0.05	13.88 1.00 -0.01	13.36 0.96 -0.03	12.80 0.93 -0.01	12.72 0.93 0.00	13.46 0.97 0.00	15.28 1.05 0.00	15.58 1.11 0.00	16.50 1.11 0.00	17.45 1.16 0.00	17.61 1.12 0.00	18.53 1.23 0.00	19.71 1.34 -0.02	21.70 1.43 -0.09	22.08 1.46 -0.10	22.25 1.47 -0.15	25.41 1.74 -0.21	26.99 1.84 -0.26	26.00 1.89 -0.22	24.40 1.84 -0.17	21.26 1.44 -0.07	18.09 1.22 0.00	16.60 1.16 0.00	15.90 1.12 0.00
BOWLINE___1 23526	15.19 1.16 0.00	13.88 1.02 0.00	13.33 0.96 0.00	12.79 0.93 0.00	12.68 0.90 0.00	13.42 0.94 0.00	15.34 1.11 0.00	15.72 1.26 0.00	16.75 1.36 0.00	17.71 1.42 0.00	17.90 1.42 0.00	18.84 1.54 0.00	20.00 1.65 0.00	21.96 1.78 0.00	22.35 1.83 0.00	22.51 1.88 0.00	25.55 2.09 0.00	27.16 2.26 0.00	26.11 2.22 0.00	24.47 2.08 0.00	21.48 1.74 0.00	18.32 1.45 0.00	16.80 1.36 0.00	16.16 1.37 0.00
BOWLINE___2 23595	15.19 1.16 0.00	13.88 1.02 0.00	13.33 0.96 0.00	12.79 0.93 0.00	12.68 0.90 0.00	13.42 0.94 0.00	15.34 1.11 0.00	15.72 1.26 0.00	16.75 1.36 0.00	17.71 1.42 0.00	17.90 1.42 0.00	18.84 1.54 0.00	20.00 1.65 0.00	21.96 1.78 0.00	22.35 1.83 0.00	22.51 1.88 0.00	25.55 2.09 0.00	27.16 2.26 0.00	26.11 2.22 0.00	24.47 2.08 0.00	21.48 1.74 0.00	18.32 1.45 0.00	16.80 1.36 0.00	16.16 1.37 0.00
BROOKHAVEN___DRP 24191	16.21 2.06 -0.12	14.72 1.84 -0.01	14.04 1.67 -0.01	13.40 1.54 0.00	13.38 1.58 -0.01	14.20 1.71 -0.01	16.63 2.03 -0.36	20.14 2.18 -3.49	21.13 2.28 -3.46	23.09 2.41 -4.39	23.59 2.34 -4.76	24.16 2.49 -4.36	26.08 2.70 -5.03	27.20 2.95 -4.08	36.45 3.20 -12.73	38.85 3.24 -14.98	45.39 3.80 -18.12	52.95 3.96 -24.10	41.25 3.90 -13.47	36.66 3.56 -10.71	44.16 2.98 -21.43	24.20 2.48 -4.85	23.01 2.30 -5.27	20.83 2.32 -3.73
BROOKLYN_NAVY_YARD 23515	15.45 1.42 0.00	14.07 1.21 0.00	13.51 1.15 0.00	12.95 1.09 0.00	12.85 1.06 0.00	13.59 1.11 0.00	15.60 1.37 0.00	16.00 1.53 0.00	17.04 1.63 -0.02	18.56 1.71 -0.56	18.54 1.70 -0.36	19.47 1.83 -0.33	20.71 1.98 -0.38	22.63 2.14 -0.31	22.98 2.20 -0.26	23.13 2.25 -0.25	26.01 2.53 -0.02	27.60 2.71 0.00	26.56 2.67 0.00	24.92 2.53 0.00	21.84 2.09 0.00	18.61 1.74 0.00	17.10 1.65 0.00	16.44 1.64 -0.02
BROOKLYN___ARMY_DRP 323595	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02



BROOME_2_LFGE 323671	14.34 0.31 0.00	13.19 0.32 0.00	12.62 0.26 0.00	12.11 0.25 0.00	12.05 0.26 0.00	12.79 0.31 0.00	14.60 0.37 0.00	14.99 0.52 0.00	16.06 0.60 -0.07	17.20 0.70 -0.21	17.51 0.78 -0.25	18.45 0.80 -0.34	19.54 0.84 -0.34	21.58 0.87 -0.53	22.00 0.90 -0.57	22.07 0.87 -0.57	24.97 0.96 -0.54	26.46 0.92 -0.65	25.23 0.88 -0.46	23.19 0.74 -0.07	20.54 0.79 0.00	17.55 0.68 0.00	15.98 0.54 0.00	15.28 0.50 0.00
BROOME__LFGE 323600	14.34 0.31 0.00	13.19 0.32 0.00	12.62 0.26 0.00	12.11 0.25 0.00	12.05 0.26 0.00	12.79 0.31 0.00	14.60 0.37 0.00	14.99 0.52 0.00	16.06 0.60 -0.07	17.20 0.70 -0.21	17.51 0.78 -0.25	18.45 0.80 -0.34	19.54 0.84 -0.34	21.58 0.87 -0.53	22.00 0.90 -0.57	22.07 0.87 -0.57	24.97 0.96 -0.54	26.46 0.92 -0.65	25.23 0.88 -0.46	23.19 0.74 -0.07	20.54 0.79 0.00	17.55 0.68 0.00	15.98 0.54 0.00	15.28 0.50 0.00
BURROWS__LYONSDAL 23803	14.20 0.31 0.14	13.06 0.23 0.03	12.49 0.22 0.10	12.03 0.21 0.04	12.01 0.22 0.00	12.77 0.29 0.00	14.63 0.40 0.00	14.90 0.43 0.00	15.86 0.46 0.00	16.81 0.52 0.00	17.00 0.51 0.00	17.86 0.55 0.00	18.87 0.57 0.05	20.46 0.55 0.27	20.89 0.68 0.31	20.82 0.66 0.47	23.58 0.75 0.64	24.84 0.75 0.80	23.94 0.74 0.69	22.64 0.78 0.53	20.23 0.71 0.22	17.48 0.61 0.00	15.91 0.46 0.00	15.14 0.35 0.00
CAITHNESS_CC_1 323624	16.15 2.01 -0.12	14.66 1.79 -0.01	13.99 1.62 -0.01	13.36 1.49 0.00	13.33 1.53 -0.01	14.16 1.67 -0.01	16.57 1.98 -0.36	20.08 2.13 -3.49	21.07 2.22 -3.46	23.03 2.35 -4.39	23.52 2.28 -4.76	24.09 2.42 -4.36	25.98 2.60 -5.03	27.12 2.86 -4.08	36.43 3.10 -12.81	38.85 3.13 -15.08	45.40 3.66 -18.28	53.03 3.83 -24.31	41.25 3.77 -13.58	36.61 3.43 -10.79	44.24 2.88 -21.61	24.11 2.39 -4.85	22.95 2.24 -5.27	20.76 2.25 -3.73
CALPINE BETH_PAGE_GT4 24209	15.91 1.77 -0.11	14.44 1.57 -0.01	13.78 1.41 -0.01	13.17 1.30 0.00	13.13 1.33 -0.01	13.93 1.45 -0.01	16.31 1.72 -0.36	19.88 2.13 -3.49	20.91 2.06 -3.45	22.83 2.15 -4.38	23.30 2.06 -4.76	23.84 2.18 -4.35	25.70 2.33 -5.02	26.75 2.50 -4.06	27.34 2.46 -4.36	27.59 2.52 -4.44	28.42 2.93 -2.02	30.54 3.09 -2.56	28.37 3.03 -1.44	27.43 2.78 -2.27	25.31 2.37 -3.20	23.73 2.02 -4.84	22.67 1.96 -5.27	20.50 1.99 -3.72
CALPINE_BETH_PAGE_GT_4 323586	15.91 1.77 -0.11	14.44 1.57 -0.01	13.78 1.41 -0.01	13.17 1.30 0.00	13.13 1.33 -0.01	13.93 1.45 -0.01	16.31 1.72 -0.36	19.88 2.13 -3.49	20.91 2.06 -3.45	22.83 2.15 -4.38	23.30 2.06 -4.76	23.84 2.18 -4.35	25.70 2.33 -5.02	26.75 2.50 -4.06	27.34 2.46 -4.36	27.59 2.52 -4.44	28.42 2.93 -2.02	30.54 3.09 -2.56	28.37 3.03 -1.44	27.43 2.78 -2.27	25.31 2.37 -3.20	23.73 2.02 -4.84	22.67 1.96 -5.27	20.50 1.99 -3.72
CALPINE_BP_GT1 23823	15.91 1.77 -0.11	14.44 1.57 -0.01	13.78 1.41 -0.01	13.17 1.30 0.00	13.13 1.33 -0.01	13.93 1.45 -0.01	16.31 1.72 -0.36	19.88 2.13 -3.49	20.91 2.06 -3.45	22.83 2.15 -4.38	23.30 2.06 -4.76	23.84 2.18 -4.35	25.70 2.33 -5.02	26.75 2.50 -4.06	27.34 2.46 -4.36	27.59 2.52 -4.44	28.42 2.93 -2.02	30.54 3.09 -2.56	28.37 3.03 -1.44	27.43 2.78 -2.27	25.31 2.37 -3.20	23.73 2.02 -4.84	22.67 1.96 -5.27	20.50 1.99 -3.72
CALSPAN__DRP 24200	14.00 -0.03 0.00	13.01 0.14 0.00	12.34 -0.02 0.00	11.84 -0.02 0.00	11.78 -0.01 0.00	12.76 0.27 0.00	14.53 0.30 0.00	15.22 0.75 0.00	18.51 1.02 -2.10	20.61 1.35 -2.96	26.02 1.62 -7.92	29.71 1.61 -10.79	30.88 1.71 -10.82	29.23 1.71 -7.33	30.22 1.72 -7.97	29.98 1.55 -7.80	32.65 1.69 -7.49	34.69 1.29 -8.51	30.72 1.08 -5.76	23.81 0.72 -0.70	20.87 1.12 0.00	17.88 1.01 0.00	16.12 0.68 0.00	15.25 0.47 0.00
CANDIGU_WT_PWR 323617	14.16 0.13 0.00	13.08 0.22 0.00	12.46 0.10 0.00	11.97 0.11 0.00	11.91 0.12 0.00	12.77 0.29 0.00	14.57 0.34 0.00	15.16 0.69 0.00	16.94 0.88 -0.66	18.26 1.11 -0.86	20.28 1.29 -2.51	21.97 1.25 -3.42	23.10 1.32 -3.42	23.64 1.33 -2.13	24.19 1.35 -2.31	24.06 1.22 -2.21	26.94 1.36 -2.12	28.55 1.17 -2.49	26.67 1.03 -1.75	23.41 0.78 -0.24	20.77 1.03 0.00	17.80 0.93 0.00	16.12 0.68 0.00	15.34 0.56 0.00
CARR STREET_E_SYR 24060	14.02 -0.01 0.00	12.87 0.00 0.00	12.34 -0.02 0.00	11.84 -0.02 0.00	11.77 -0.02 0.00	12.48 0.00 0.00	14.26 0.03 0.00	14.52 0.06 0.00	15.49 0.09 0.00	16.47 0.18 0.00	16.70 0.21 0.00	17.55 0.24 0.00	18.55 0.20 0.00	20.36 0.18 0.00	20.70 0.18 0.00	20.78 0.15 0.00	23.58 0.12 0.00	24.97 0.07 0.00	23.91 0.02 0.00	22.39 0.00 0.00	19.88 0.14 0.00	17.02 0.15 0.00	15.52 0.08 0.00	14.83 0.04 0.00
CARTHAGE__PAPER 23857	14.00 0.24 0.27	12.96 0.15 0.06	12.31 0.14 0.18	11.92 0.14 0.08	11.94 0.15 0.00	12.72 0.24 0.00	14.59 0.36 0.00	14.86 0.39 0.00	15.81 0.42 0.00	16.80 0.51 0.00	16.98 0.49 0.00	17.84 0.54 0.00	18.81 0.55 0.10	20.23 0.55 0.50	20.57 0.64 0.59	20.36 0.62 0.89	22.95 0.68 1.20	24.13 0.75 1.51	23.26 0.67 1.29	22.17 0.78 1.00	20.18 0.85 0.41	17.58 0.71 0.00	15.95 0.51 0.00	15.09 0.31 0.00
CE_DUNWOOD__DRP 24194	15.32 1.29 0.00	13.98 1.12 0.00	13.44 1.07 0.00	12.88 1.02 0.00	12.78 0.99 0.00	13.52 1.04 0.00	15.47 1.24 0.00	15.87 1.40 0.00	16.89 1.49 0.00	17.87 1.58 0.00	18.07 1.58 0.00	19.00 1.70 0.00	20.19 1.84 0.00	22.16 1.98 0.00	22.55 2.03 0.00	22.72 2.08 0.00	25.81 2.35 0.00	27.38 2.49 0.00	26.35 2.46 0.00	24.69 2.31 0.00	21.66 1.91 0.00	18.47 1.60 0.00	16.94 1.50 0.00	16.29 1.51 0.00
CE_MILLWOOD__DRP 24193	15.27 1.24 0.00	13.95 1.08 0.00	13.39 1.03 0.00	12.85 0.98 0.00	12.74 0.95 0.00	13.48 1.00 0.00	15.41 1.18 0.00	15.81 1.35 0.00	16.84 1.45 0.00	17.81 1.52 0.00	18.00 1.52 0.00	18.95 1.64 0.00	20.11 1.76 0.00	22.08 1.90 0.00	22.47 1.95 0.00	22.63 2.00 0.00	25.72 2.25 0.00	27.30 2.41 0.00	26.25 2.37 0.00	24.63 2.24 0.00	21.58 1.84 0.00	18.42 1.55 0.00	16.88 1.44 0.00	16.23 1.45 0.00
CE_NYC2_DRP 24202	15.49 1.46 0.00	14.11 1.25 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.65 1.42 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.70 1.84 -0.57	19.50 1.85 -1.16	19.70 1.99 -0.40	22.33 2.13 -1.85	28.13 2.30 -5.65	23.14 2.36 -0.26	28.15 2.41 -5.11	28.36 2.72 -2.17	28.33 2.89 -0.56	26.71 2.82 -0.01	25.03 2.64 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.16 1.71 0.00	16.51 1.71 -0.02
CE_NYC_DRP 24195	15.48 1.45 0.00	14.11 1.25 0.00	13.56 1.20 0.00	13.00 1.14 0.00	12.89 1.10 0.00	13.64 1.16 0.00	15.63 1.40 0.00	16.06 1.59 0.00	17.11 1.69 -0.02	18.64 1.79 -0.56	18.64 1.80 -0.36	19.57 1.94 -0.33	20.80 2.07 -0.38	22.73 2.24 -0.30	23.08 2.30 -0.26	23.23 2.35 -0.25	26.13 2.65 -0.02	27.70 2.81 0.00	26.63 2.75 0.00	24.98 2.60 0.00	21.90 2.15 0.00	18.66 1.79 0.00	17.13 1.68 0.00	16.50 1.70 -0.02



CHAFFEE___LFGE 323603	14.12 0.08 0.00	13.10 0.23 0.00	12.42 0.06 0.00	11.92 0.06 0.00	11.86 0.07 0.00	12.87 0.39 0.00	14.69 0.46 0.00	15.42 0.95 0.00	18.53 1.23 -1.91	20.57 1.58 -2.70	25.55 1.86 -7.20	28.99 1.87 -9.81	30.15 1.96 -9.83	28.83 1.98 -6.67	29.78 2.01 -7.25	29.56 1.84 -7.10	32.30 2.02 -6.82	34.26 1.62 -7.75	30.53 1.39 -5.26	24.04 1.01 -0.64	21.11 1.36 0.00	18.10 1.23 0.00	16.31 0.86 0.00	15.42 0.64 0.00
CHATEAUG_WT_PWR 323614	12.22 -0.56 1.25	12.04 -0.53 0.29	11.01 -0.49 0.85	10.99 -0.47 0.39	11.36 -0.42 0.00	12.04 -0.44 0.00	13.73 -0.50 0.00	14.02 -0.45 0.00	14.93 -0.46 0.00	15.79 -0.51 0.00	15.93 -0.56 0.00	16.65 -0.66 0.00	17.18 -0.72 0.46	16.98 -0.87 2.34	16.87 -0.90 2.74	15.55 -0.91 4.17	16.93 -0.94 5.60	16.89 -0.95 7.06	16.88 -0.96 6.05	16.74 -0.96 4.68	16.92 -0.89 1.94	16.11 -0.76 0.00	14.73 -0.71 0.00	14.09 -0.69 0.00
CHAT_HIGH_FALL_HYD 323578	12.19 -0.62 1.23	11.98 -0.59 0.29	10.97 -0.56 0.84	10.94 -0.53 0.39	11.32 -0.47 0.00	11.99 -0.49 0.00	13.66 -0.57 0.00	13.96 -0.51 0.00	14.87 -0.52 0.00	15.71 -0.59 0.00	15.84 -0.64 0.00	16.58 -0.73 0.00	17.12 -0.79 0.45	16.96 -0.93 2.29	16.85 -0.98 2.69	15.59 -0.95 4.09	16.97 -1.01 5.49	16.97 -1.00 6.92	16.98 -0.98 5.93	16.81 -0.98 4.59	16.92 -0.93 1.90	16.06 -0.81 0.00	14.69 -0.76 0.00	14.04 -0.74 0.00
CHAUTAUQUA___LFGE 323629	14.17 0.14 0.00	13.14 0.27 0.00	12.47 0.11 0.00	11.97 0.11 0.00	11.94 0.15 0.00	12.97 0.49 0.00	14.82 0.58 0.00	15.55 1.09 0.00	18.63 1.42 -1.82	20.75 1.78 -2.68	25.43 2.06 -6.89	28.79 2.09 -9.39	29.97 2.20 -9.41	28.96 2.14 -6.64	29.87 2.13 -7.21	29.63 1.94 -7.06	32.38 2.13 -6.78	34.42 1.82 -7.71	30.67 1.55 -5.23	24.24 1.21 -0.64	21.33 1.58 0.00	18.20 1.33 0.00	16.37 0.93 0.00	15.48 0.69 0.00
CH_MIDHUDSON___DRP 24192	15.29 1.26 0.00	13.97 1.11 0.00	13.42 1.06 0.00	12.88 1.02 0.00	12.77 0.98 0.00	13.49 1.01 0.00	15.43 1.20 0.00	15.81 1.35 0.00	16.83 1.43 0.00	17.81 1.52 0.00	17.99 1.50 0.00	18.93 1.63 0.00	20.11 1.76 0.00	22.06 1.88 0.00	22.45 1.93 0.00	22.61 1.98 0.00	25.72 2.25 0.00	27.30 2.41 0.00	26.25 2.37 0.00	24.63 2.24 0.00	21.58 1.84 0.00	18.42 1.55 0.00	16.89 1.45 0.00	16.23 1.45 0.00
CH_MISC_IPPS 23765	15.34 1.31 0.00	14.01 1.14 0.00	13.45 1.09 0.00	12.91 1.04 0.00	12.78 0.99 0.00	13.51 1.02 0.00	15.47 1.24 0.00	15.84 1.38 0.00	16.89 1.49 0.00	17.87 1.58 0.00	18.05 1.57 0.00	19.00 1.70 0.00	20.19 1.84 0.00	22.16 1.98 0.00	22.55 2.03 0.00	22.72 2.08 0.00	25.81 2.35 0.00	27.43 2.54 0.00	26.35 2.46 0.00	24.74 2.35 0.00	21.66 1.91 0.00	18.49 1.62 0.00	16.94 1.50 0.00	16.27 1.49 0.00
CH_RES_BVR_FALLS 23983	14.46 -0.24 -0.67	12.80 -0.22 -0.16	12.61 -0.21 -0.46	11.88 -0.19 -0.21	11.59 -0.20 0.00	12.26 -0.22 0.00	13.98 -0.26 0.00	14.21 -0.26 0.00	15.13 -0.26 0.00	16.02 -0.28 0.00	16.19 -0.30 0.00	16.99 -0.31 0.00	18.28 -0.31 -0.24	21.11 -0.32 -1.25	21.72 -0.27 -1.47	22.60 -0.27 -2.23	26.20 -0.26 -2.99	28.39 -0.27 -3.77	26.86 -0.26 -3.23	24.62 -0.27 -2.50	20.51 -0.28 -1.04	16.60 -0.27 0.00	15.20 -0.25 0.00	14.53 -0.25 0.00
CH_RES_NIAGARA 23895	13.36 -0.67 0.00	12.44 -0.42 0.00	11.79 -0.57 0.00	11.32 -0.55 0.00	11.27 -0.52 0.00	12.16 -0.32 0.00	13.81 -0.43 0.00	14.38 -0.09 0.00	14.90 0.09 0.59	15.09 0.34 1.54	14.91 0.59 2.17	14.91 0.55 2.95	15.97 0.57 2.96	16.92 0.50 3.76	16.87 0.49 4.14	16.88 0.31 4.07	19.86 0.30 3.91	19.85 -0.12 4.91	19.86 -0.29 3.75	21.20 -0.54 0.65	19.73 -0.02 0.00	16.94 0.07 0.00	15.30 -0.14 0.00	14.52 -0.27 0.00
CH_RES_SYRACUSE 23985	14.07 0.04 0.00	12.92 0.05 0.00	12.39 0.02 0.00	11.89 0.02 0.00	11.81 0.02 0.00	12.52 0.04 0.00	14.30 0.07 0.00	14.54 0.07 0.00	15.53 0.14 0.00	16.50 0.21 0.00	16.73 0.25 0.00	17.58 0.28 0.00	18.63 0.28 0.00	20.44 0.26 0.00	20.81 0.29 0.00	20.90 0.27 0.00	23.75 0.28 0.00	25.09 0.20 0.00	24.08 0.19 0.00	22.55 0.16 0.00	19.94 0.20 0.00	17.04 0.17 0.00	15.54 0.09 0.00	14.87 0.09 0.00
CLINTON_WT_PWR 323605	12.22 -0.56 1.25	12.04 -0.53 0.29	11.01 -0.49 0.85	10.99 -0.47 0.39	11.36 -0.42 0.00	12.04 -0.44 0.00	13.73 -0.50 0.00	14.02 -0.45 0.00	14.93 -0.46 0.00	15.79 -0.51 0.00	15.93 -0.56 0.00	16.65 -0.66 0.00	17.18 -0.72 0.46	16.98 -0.87 2.34	16.87 -0.90 2.74	15.55 -0.91 4.17	16.93 -0.94 5.60	16.89 -0.95 7.06	16.88 -0.96 6.05	16.74 -0.96 4.68	16.92 -0.89 1.94	16.11 -0.76 0.00	14.73 -0.71 0.00	14.09 -0.69 0.00
CLINTON___LFGE 323618	12.25 -0.53 1.24	12.07 -0.50 0.29	11.04 -0.47 0.85	11.02 -0.45 0.39	11.41 -0.38 0.00	12.09 -0.39 0.00	13.79 -0.44 0.00	14.12 -0.35 0.00	15.06 -0.34 0.00	15.92 -0.37 0.00	16.02 -0.46 0.00	16.75 -0.55 0.00	17.28 -0.62 0.45	17.09 -0.77 2.32	16.97 -0.82 2.73	15.72 -0.76 4.15	17.19 -0.70 5.57	17.20 -0.67 7.02	17.20 -0.67 6.02	16.99 -0.74 4.66	17.12 -0.69 1.93	16.26 -0.61 0.00	14.86 -0.59 0.00	14.19 -0.59 0.00
COLONIE_LFGE___ 323577	15.08 1.00 -0.05	13.78 0.90 -0.01	13.26 0.86 -0.03	12.71 0.83 -0.02	12.63 0.84 0.00	13.34 0.86 0.00	15.16 0.92 0.00	15.42 0.95 0.00	16.35 0.95 0.00	17.29 0.99 0.00	17.44 0.96 0.00	18.36 1.06 0.00	19.51 1.14 -0.02	21.49 1.21 -0.10	21.86 1.23 -0.11	22.02 1.22 -0.17	25.17 1.48 -0.23	26.77 1.59 -0.29	25.74 1.60 -0.25	24.17 1.59 -0.19	21.07 1.24 -0.08	17.92 1.05 0.00	16.43 0.99 0.00	15.71 0.93 0.00
COPENHAGEN_WT_PWR 323753	14.08 0.27 0.22	12.99 0.18 0.05	12.36 0.15 0.15	11.95 0.15 0.07	11.97 0.18 0.00	12.74 0.26 0.00	14.62 0.38 0.00	14.87 0.40 0.00	15.84 0.45 0.00	16.83 0.54 0.00	17.03 0.54 0.00	17.91 0.61 0.00	18.88 0.60 0.08	20.40 0.63 0.41	20.76 0.72 0.48	20.59 0.68 0.72	23.24 0.75 0.97	24.49 0.82 1.23	23.58 0.74 1.05	22.40 0.83 0.81	20.32 0.91 0.34	17.63 0.76 0.00	15.98 0.54 0.00	15.12 0.34 0.00
CORNELL_____ 23752	14.35 0.32 0.00	13.16 0.30 0.00	12.61 0.25 0.00	12.10 0.24 0.00	12.02 0.24 0.00	12.77 0.29 0.00	14.60 0.37 0.00	14.96 0.49 0.00	16.02 0.57 -0.05	17.14 0.67 -0.18	17.40 0.71 -0.21	18.34 0.74 -0.29	19.41 0.77 -0.29	21.45 0.83 -0.44	21.88 0.88 -0.48	21.96 0.85 -0.49	24.94 1.01 -0.47	26.41 0.97 -0.55	25.18 0.91 -0.39	23.25 0.80 -0.05	20.56 0.81 0.00	17.55 0.68 0.00	15.97 0.53 0.00	15.27 0.49 0.00
COXSACKIE___GT 23611	15.25 1.22 0.00	13.93 1.07 0.00	13.37 1.01 0.00	12.85 0.98 0.00	12.73 0.94 0.00	13.43 0.95 0.00	15.36 1.12 0.00	15.68 1.22 0.00	16.67 1.28 0.00	17.66 1.37 0.00	17.84 1.35 0.00	18.79 1.49 0.00	19.97 1.62 0.00	21.94 1.75 0.00	22.26 1.74 0.00	22.43 1.79 0.00	25.50 2.04 0.00	27.21 2.32 0.00	26.09 2.20 0.00	24.47 2.08 0.00	21.46 1.72 0.00	18.37 1.50 0.00	16.80 1.36 0.00	16.02 1.24 0.00



CPV_VALLEY___CC1 323721	14.94 0.91 0.00	13.65 0.78 0.00	13.13 0.77 0.00	12.60 0.74 0.00	12.50 0.71 0.00	13.22 0.74 0.00	15.09 0.85 0.00	15.45 0.98 0.00	16.44 1.05 0.00	17.40 1.11 0.00	17.59 1.10 0.00	18.50 1.19 0.00	19.64 1.28 0.00	21.57 1.39 0.00	21.96 1.44 0.00	22.10 1.47 0.00	25.10 1.64 0.00	26.66 1.77 0.00	25.63 1.74 0.00	24.02 1.63 0.00	21.09 1.34 0.00	18.00 1.13 0.00	16.49 1.05 0.00	15.86 1.08 0.00
CPV_VALLEY___CC2 323722	14.94 0.91 0.00	13.65 0.78 0.00	13.13 0.77 0.00	12.60 0.74 0.00	12.50 0.71 0.00	13.22 0.74 0.00	15.09 0.85 0.00	15.45 0.98 0.00	16.44 1.05 0.00	17.40 1.11 0.00	17.59 1.10 0.00	18.50 1.19 0.00	19.64 1.28 0.00	21.57 1.39 0.00	21.96 1.44 0.00	22.10 1.47 0.00	25.10 1.64 0.00	26.66 1.77 0.00	25.63 1.74 0.00	24.02 1.63 0.00	21.09 1.34 0.00	18.00 1.13 0.00	16.49 1.05 0.00	15.86 1.08 0.00
CRESCENT___HYD 24018	15.08 1.00 -0.05	13.78 0.90 -0.01	13.26 0.86 -0.03	12.71 0.83 -0.02	12.63 0.84 0.00	13.34 0.86 0.00	15.16 0.92 0.00	15.42 0.95 0.00	16.35 0.95 0.00	17.29 0.99 0.00	17.44 0.96 0.00	18.36 1.06 0.00	19.51 1.14 -0.02	21.49 1.21 -0.10	21.86 1.23 -0.11	22.02 1.22 -0.17	25.17 1.48 -0.23	26.77 1.59 -0.29	25.74 1.60 -0.25	24.17 1.59 -0.19	21.07 1.24 -0.08	17.92 1.05 0.00	16.43 0.99 0.00	15.71 0.93 0.00
CRICKET___VALLEY_CC1 323756	15.17 1.14 0.00	13.88 1.02 0.00	13.34 0.98 0.00	12.80 0.94 0.00	12.70 0.91 0.00	13.43 0.95 0.00	15.33 1.10 0.00	15.65 1.19 0.00	16.61 1.22 0.00	17.56 1.27 0.00	17.76 1.27 0.00	18.69 1.38 0.00	19.84 1.49 0.00	21.78 1.59 0.00	22.16 1.64 0.00	22.30 1.67 0.00	25.36 1.90 0.00	26.93 2.04 0.00	25.92 2.03 0.00	24.33 1.95 0.00	21.33 1.58 0.00	18.20 1.33 0.00	16.71 1.27 0.00	16.08 1.30 0.00
CRICKET___VALLEY_CC2 323757	15.17 1.14 0.00	13.88 1.02 0.00	13.34 0.98 0.00	12.80 0.94 0.00	12.70 0.91 0.00	13.43 0.95 0.00	15.33 1.10 0.00	15.65 1.19 0.00	16.61 1.22 0.00	17.56 1.27 0.00	17.76 1.27 0.00	18.69 1.38 0.00	19.84 1.49 0.00	21.78 1.59 0.00	22.16 1.64 0.00	22.30 1.67 0.00	25.36 1.90 0.00	26.93 2.04 0.00	25.92 2.03 0.00	24.33 1.95 0.00	21.33 1.58 0.00	18.20 1.33 0.00	16.71 1.27 0.00	16.08 1.30 0.00
CRICKET___VALLEY_CC3 323758	15.17 1.14 0.00	13.88 1.02 0.00	13.34 0.98 0.00	12.80 0.94 0.00	12.70 0.91 0.00	13.43 0.95 0.00	15.33 1.10 0.00	15.65 1.19 0.00	16.61 1.22 0.00	17.56 1.27 0.00	17.76 1.27 0.00	18.69 1.38 0.00	19.84 1.49 0.00	21.78 1.59 0.00	22.16 1.64 0.00	22.30 1.67 0.00	25.36 1.90 0.00	26.93 2.04 0.00	25.92 2.03 0.00	24.33 1.95 0.00	21.33 1.58 0.00	18.20 1.33 0.00	16.71 1.27 0.00	16.08 1.30 0.00
CRUCIBLE_METL_DRP 24180	14.07 0.04 0.00	12.92 0.05 0.00	12.39 0.02 0.00	11.89 0.02 0.00	11.81 0.02 0.00	12.52 0.04 0.00	14.30 0.07 0.00	14.54 0.07 0.00	15.53 0.14 0.00	16.50 0.21 0.00	16.73 0.25 0.00	17.58 0.28 0.00	18.63 0.28 0.00	20.44 0.26 0.00	20.81 0.29 0.00	20.90 0.27 0.00	23.75 0.28 0.00	25.09 0.20 0.00	24.08 0.19 0.00	22.55 0.16 0.00	19.94 0.20 0.00	17.04 0.17 0.00	15.54 0.09 0.00	14.87 0.09 0.00
DAHOWA___HYDRO 323763	15.27 1.18 -0.06	13.91 1.03 -0.01	13.38 0.98 -0.04	12.82 0.94 -0.02	12.76 0.97 0.00	13.49 1.01 0.00	15.30 1.07 0.00	15.61 1.14 0.00	16.60 1.20 0.00	17.56 1.27 0.00	17.62 1.14 0.00	18.53 1.23 0.00	19.69 1.32 -0.02	21.72 1.43 -0.10	22.06 1.41 -0.12	22.20 1.38 -0.19	25.42 1.71 -0.25	27.20 1.99 -0.31	26.12 1.96 -0.27	24.61 2.02 -0.21	21.45 1.62 -0.09	18.19 1.32 0.00	16.65 1.21 0.00	15.88 1.09 0.00
DANC___LFGE 323619	14.00 0.11 0.15	12.90 0.06 0.03	12.31 0.05 0.10	11.86 0.05 0.05	11.85 0.06 0.00	12.61 0.12 0.00	14.43 0.20 0.00	14.65 0.19 0.00	15.63 0.23 0.00	16.60 0.31 0.00	16.80 0.31 0.00	17.67 0.36 0.00	18.65 0.35 0.05	20.27 0.36 0.27	20.61 0.41 0.32	20.52 0.37 0.49	23.21 0.40 0.65	24.49 0.42 0.82	23.54 0.36 0.70	22.27 0.42 0.55	20.05 0.53 0.23	17.31 0.44 0.00	15.74 0.29 0.00	14.93 0.15 0.00
DANSKAMMER___1 23586	15.34 1.31 0.00	14.01 1.14 0.00	13.45 1.09 0.00	12.91 1.04 0.00	12.78 0.99 0.00	13.51 1.02 0.00	15.47 1.24 0.00	15.84 1.38 0.00	16.89 1.49 0.00	17.87 1.58 0.00	18.05 1.57 0.00	19.00 1.70 0.00	20.19 1.84 0.00	22.16 1.98 0.00	22.55 2.03 0.00	22.72 2.08 0.00	25.81 2.35 0.00	27.43 2.54 0.00	26.35 2.46 0.00	24.74 2.35 0.00	21.66 1.91 0.00	18.49 1.62 0.00	16.94 1.50 0.00	16.27 1.49 0.00
DANSKAMMER___2 23589	15.34 1.31 0.00	14.01 1.14 0.00	13.45 1.09 0.00	12.91 1.04 0.00	12.78 0.99 0.00	13.51 1.02 0.00	15.47 1.24 0.00	15.84 1.38 0.00	16.89 1.49 0.00	17.87 1.58 0.00	18.05 1.57 0.00	19.00 1.70 0.00	20.19 1.84 0.00	22.16 1.98 0.00	22.55 2.03 0.00	22.72 2.08 0.00	25.81 2.35 0.00	27.43 2.54 0.00	26.35 2.46 0.00	24.74 2.35 0.00	21.66 1.91 0.00	18.49 1.62 0.00	16.94 1.50 0.00	16.27 1.49 0.00
DANSKAMMER___3 23590	15.34 1.31 0.00	14.01 1.14 0.00	13.45 1.09 0.00	12.91 1.04 0.00	12.78 0.99 0.00	13.51 1.02 0.00	15.47 1.24 0.00	15.84 1.38 0.00	16.89 1.49 0.00	17.87 1.58 0.00	18.05 1.57 0.00	19.00 1.70 0.00	20.19 1.84 0.00	22.16 1.98 0.00	22.55 2.03 0.00	22.72 2.08 0.00	25.81 2.35 0.00	27.43 2.54 0.00	26.35 2.46 0.00	24.74 2.35 0.00	21.66 1.91 0.00	18.49 1.62 0.00	16.94 1.50 0.00	16.27 1.49 0.00
DANSKAMMER___4 23591	15.34 1.31 0.00	14.01 1.14 0.00	13.45 1.09 0.00	12.91 1.04 0.00	12.78 0.99 0.00	13.51 1.02 0.00	15.47 1.24 0.00	15.84 1.38 0.00	16.89 1.49 0.00	17.87 1.58 0.00	18.05 1.57 0.00	19.00 1.70 0.00	20.19 1.84 0.00	22.16 1.98 0.00	22.55 2.03 0.00	22.72 2.08 0.00	25.81 2.35 0.00	27.43 2.54 0.00	26.35 2.46 0.00	24.74 2.35 0.00	21.66 1.91 0.00	18.49 1.62 0.00	16.94 1.50 0.00	16.27 1.49 0.00
DANSKAMMER___DIESEL 23592	15.34 1.31 0.00	14.01 1.14 0.00	13.45 1.09 0.00	12.91 1.04 0.00	12.78 0.99 0.00	13.51 1.02 0.00	15.47 1.24 0.00	15.84 1.38 0.00	16.89 1.49 0.00	17.87 1.58 0.00	18.05 1.57 0.00	19.00 1.70 0.00	20.19 1.84 0.00	22.16 1.98 0.00	22.55 2.03 0.00	22.72 2.08 0.00	25.81 2.35 0.00	27.43 2.54 0.00	26.35 2.46 0.00	24.74 2.35 0.00	21.66 1.91 0.00	18.49 1.62 0.00	16.94 1.50 0.00	16.27 1.49 0.00
DASHVILLE___HYD 23610	15.05 1.02 0.00	13.75 0.89 0.00	13.21 0.85 0.00	12.68 0.82 0.00	12.57 0.78 0.00	13.27 0.79 0.00	15.17 0.94 0.00	15.52 1.06 0.00	16.52 1.12 0.00	17.47 1.17 0.00	17.66 1.17 0.00	18.59 1.28 0.00	19.73 1.38 0.00	21.59 1.41 0.00	22.04 1.52 0.00	22.20 1.57 0.00	25.22 1.76 0.00	26.73 1.84 0.00	25.78 1.89 0.00	24.18 1.79 0.00	21.11 1.36 0.00	18.05 1.18 0.00	16.56 1.11 0.00	15.95 1.17 0.00



DELAWARE___LFGE 323621	14.63 0.60 0.00	13.42 0.55 0.00	12.89 0.53 0.00	12.37 0.51 0.00	12.30 0.51 0.00	13.02 0.54 0.00	14.84 0.61 0.00	15.19 0.72 0.00	16.20 0.77 -0.03	17.23 0.83 -0.10	17.45 0.84 -0.12	18.39 0.92 -0.17	19.49 0.97 -0.17	21.49 1.05 -0.26	21.87 1.07 -0.28	21.98 1.07 -0.28	24.97 1.24 -0.27	26.53 1.32 -0.32	25.38 1.27 -0.23	23.61 1.19 -0.03	20.81 1.07 0.00	17.76 0.89 0.00	16.23 0.79 0.00	15.51 0.72 0.00
DOGLEVILLE___HYD 23807	14.62 0.53 -0.06	13.37 0.49 -0.01	12.86 0.46 -0.04	12.32 0.44 -0.02	12.21 0.42 0.00	12.93 0.45 0.00	14.74 0.51 0.00	15.00 0.54 0.00	15.98 0.58 0.00	16.93 0.63 0.00	17.11 0.63 0.00	17.96 0.66 0.00	19.05 0.68 -0.02	20.99 0.71 -0.10	21.42 0.78 -0.12	21.58 0.76 -0.18	24.65 0.94 -0.25	26.10 0.89 -0.31	25.09 0.93 -0.27	23.51 0.92 -0.21	20.54 0.71 -0.09	17.46 0.59 0.00	15.95 0.51 0.00	15.31 0.53 0.00
DUNKIRK___1 23563	14.17 0.14 0.00	13.14 0.27 0.00	12.47 0.11 0.00	11.97 0.11 0.00	11.94 0.15 0.00	12.96 0.47 0.00	14.80 0.57 0.00	15.52 1.06 0.00	18.61 1.39 -1.83	20.73 1.74 -2.69	25.44 2.03 -6.92	28.79 2.04 -9.44	29.96 2.15 -9.46	28.96 2.10 -6.68	29.87 2.09 -7.25	29.62 1.90 -7.10	32.37 2.09 -6.82	34.41 1.77 -7.75	30.65 1.51 -5.25	24.19 1.16 -0.64	21.29 1.54 0.00	18.19 1.32 0.00	16.35 0.91 0.00	15.46 0.68 0.00
DUNKIRK___2 23564	14.17 0.14 0.00	13.14 0.27 0.00	12.47 0.11 0.00	11.97 0.11 0.00	11.94 0.15 0.00	12.96 0.47 0.00	14.80 0.57 0.00	15.52 1.06 0.00	18.61 1.39 -1.83	20.73 1.74 -2.69	25.44 2.03 -6.92	28.79 2.04 -9.44	29.96 2.15 -9.46	28.96 2.10 -6.68	29.87 2.09 -7.25	29.62 1.90 -7.10	32.37 2.09 -6.82	34.41 1.77 -7.75	30.65 1.51 -5.25	24.19 1.16 -0.64	21.29 1.54 0.00	18.19 1.32 0.00	16.35 0.91 0.00	15.46 0.68 0.00
DUNKIRK___3 23565	14.12 0.08 0.00	13.08 0.22 0.00	12.42 0.06 0.00	11.92 0.06 0.00	11.88 0.09 0.00	12.87 0.39 0.00	14.69 0.46 0.00	15.38 0.91 0.00	18.44 1.22 -1.83	20.57 1.55 -2.73	25.22 1.81 -6.92	28.58 1.83 -9.44	29.74 1.93 -9.46	28.85 1.90 -6.77	29.76 1.89 -7.36	29.54 1.71 -7.20	32.26 1.88 -6.91	34.30 1.54 -7.86	30.53 1.31 -5.33	24.00 0.96 -0.65	21.11 1.36 0.00	18.05 1.18 0.00	16.26 0.82 0.00	15.39 0.61 0.00
DUNKIRK___4 23566	14.12 0.08 0.00	13.08 0.22 0.00	12.42 0.06 0.00	11.92 0.06 0.00	11.88 0.09 0.00	12.87 0.39 0.00	14.69 0.46 0.00	15.38 0.91 0.00	18.44 1.22 -1.83	20.57 1.55 -2.73	25.22 1.81 -6.92	28.58 1.83 -9.44	29.74 1.93 -9.46	28.85 1.90 -6.77	29.76 1.89 -7.36	29.54 1.71 -7.20	32.26 1.88 -6.91	34.30 1.54 -7.86	30.53 1.31 -5.33	24.00 0.96 -0.65	21.11 1.36 0.00	18.05 1.18 0.00	16.26 0.82 0.00	15.39 0.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	15.38 1.35 0.00	14.02 1.16 0.00	13.47 1.11 0.00	12.92 1.06 0.00	12.81 1.03 0.00	13.55 1.07 0.00	15.51 1.28 0.00	15.93 1.46 0.00	16.97 1.57 0.00	17.96 1.66 0.00	18.13 1.65 0.00	19.09 1.78 0.00	20.28 1.93 0.00	22.26 2.08 0.00	22.65 2.13 0.00	22.82 2.19 0.00	25.90 2.44 0.00	27.48 2.59 0.00	26.42 2.53 0.00	24.78 2.40 0.00	21.74 1.99 0.00	18.53 1.65 0.00	16.99 1.54 0.00	16.36 1.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	15.19 1.16 0.00	13.87 1.00 0.00	13.33 0.96 0.00	12.79 0.93 0.00	12.67 0.88 0.00	13.39 0.91 0.00	15.33 1.10 0.00	15.70 1.23 0.00	16.72 1.32 0.00	17.69 1.40 0.00	17.87 1.38 0.00	18.81 1.50 0.00	19.99 1.63 0.00	21.94 1.75 0.00	22.33 1.81 0.00	22.49 1.86 0.00	25.55 2.09 0.00	27.13 2.24 0.00	26.09 2.20 0.00	24.45 2.06 0.00	21.44 1.70 0.00	18.30 1.43 0.00	16.77 1.33 0.00	16.13 1.34 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	15.43 1.40 0.00	14.04 1.18 0.01	13.48 1.12 0.01	12.92 1.07 0.01	12.81 1.03 0.01	13.57 1.10 0.01	15.58 1.35 0.01	16.02 1.56 0.01	17.08 1.68 -0.01	18.38 1.76 -0.32	18.60 1.76 -0.35	19.53 1.90 -0.32	20.76 2.04 -0.37	22.70 2.22 -0.30	23.03 2.26 -0.25	23.18 2.31 -0.24	26.08 2.60 -0.01	27.65 2.76 0.01	26.60 2.72 0.01	24.91 2.53 0.01	21.83 2.09 0.01	18.60 1.74 0.01	17.09 1.65 0.01	16.45 1.66 -0.01
EAST HAMPTON___GT 23717	16.94 2.79 -0.12	15.37 2.50 -0.01	14.65 2.27 -0.01	13.96 2.10 0.00	13.96 2.16 -0.01	14.83 2.33 -0.01	17.35 2.76 -0.36	20.89 2.94 -3.49	21.96 3.11 -3.46	23.99 3.31 -4.39	24.59 3.35 -4.76	25.25 3.58 -4.36	27.29 3.91 -5.03	28.60 4.34 -4.08	37.71 4.60 -12.59	40.12 4.68 -14.81	46.77 5.44 -17.86	54.34 5.70 -23.75	42.70 5.54 -13.27	38.04 5.08 -10.57	45.15 4.26 -21.14	25.30 3.58 -4.85	23.93 3.21 -5.27	21.67 3.16 -3.73
EAST RIVER___6 23660	15.48 1.45 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.04 1.58 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.62 1.78 -0.36	19.55 1.92 -0.33	20.79 2.06 -0.38	22.71 2.22 -0.31	23.08 2.30 -0.26	23.21 2.33 -0.25	26.11 2.63 -0.02	27.68 2.79 0.00	26.63 2.75 0.00	24.98 2.60 0.00	21.90 2.15 0.00	18.66 1.79 0.00	17.13 1.68 0.00	16.50 1.70 -0.02
EAST RIVER___7 23524	15.48 1.45 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.04 1.58 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.62 1.78 -0.36	19.55 1.92 -0.33	20.79 2.06 -0.38	22.71 2.22 -0.31	23.08 2.30 -0.26	23.21 2.33 -0.25	26.11 2.63 -0.02	27.68 2.79 0.00	26.63 2.75 0.00	24.98 2.60 0.00	21.90 2.15 0.00	18.66 1.79 0.00	17.13 1.68 0.00	16.50 1.70 -0.02
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	15.32 1.29 0.00	13.98 1.12 0.00	13.44 1.07 0.00	12.88 1.02 0.00	12.78 0.99 0.00	13.52 1.04 0.00	15.47 1.24 0.00	15.87 1.40 0.00	16.89 1.49 0.00	17.87 1.58 0.00	18.07 1.58 0.00	19.00 1.70 0.00	20.19 1.84 0.00	22.16 1.98 0.00	22.55 2.03 0.00	22.72 2.08 0.00	25.81 2.35 0.00	27.38 2.49 0.00	26.35 2.46 0.00	24.69 2.31 0.00	21.66 1.91 0.00	18.47 1.60 0.00	16.94 1.50 0.00	16.29 1.51 0.00
EAST_HAMPTON___DIESEL 23722	16.94 2.79 -0.12	15.37 2.50 -0.01	14.65 2.27 -0.01	13.96 2.10 0.00	13.96 2.16 -0.01	14.83 2.33 -0.01	17.35 2.76 -0.36	20.89 2.94 -3.49	21.96 3.11 -3.46	24.00 3.32 -4.39	24.59 3.35 -4.76	25.25 3.58 -4.36	27.29 3.91 -5.03	28.60 4.34 -4.08	37.71 4.60 -12.59	40.12 4.68 -14.81	46.77 5.44 -17.86	54.34 5.70 -23.75	42.70 5.54 -13.27	38.04 5.08 -10.58	45.15 4.26 -21.14	25.30 3.58 -4.85	23.93 3.21 -5.27	21.67 3.16 -3.73
EAST_RIVER___I 323558	15.48 1.45 0.00	14.11 1.25 0.00	13.56 1.20 0.00	13.00 1.14 0.00	12.89 1.10 0.00	13.64 1.16 0.00	15.63 1.40 0.00	16.06 1.59 0.00	17.11 1.69 -0.02	18.64 1.79 -0.56	18.64 1.80 -0.36	19.57 1.94 -0.33	20.80 2.07 -0.38	22.73 2.24 -0.30	23.08 2.30 -0.26	23.23 2.35 -0.25	26.13 2.65 -0.02	27.70 2.81 0.00	26.63 2.75 0.00	24.98 2.60 0.00	21.90 2.15 0.00	18.66 1.79 0.00	17.13 1.68 0.00	16.50 1.70 -0.02



EAST_RIVER___2 323559	15.48 1.45 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.04 1.58 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.62 1.78 -0.36	19.55 1.92 -0.33	20.79 2.06 -0.38	22.71 2.22 -0.31	23.08 2.30 -0.26	23.21 2.33 -0.25	26.11 2.63 -0.02	27.68 2.79 0.00	26.63 2.75 0.00	24.98 2.60 0.00	21.90 2.15 0.00	18.66 1.79 0.00	17.13 1.68 0.00	16.50 1.70 -0.02
EAST___DELAWARE_HYD 23607	14.70 0.67 0.00	13.42 0.55 0.00	12.89 0.53 0.00	12.37 0.51 0.00	12.26 0.47 0.00	12.97 0.49 0.00	14.84 0.61 0.00	15.28 0.81 0.00	16.27 0.88 0.00	17.19 0.90 0.00	17.33 0.84 0.00	18.26 0.95 0.00	19.38 1.03 0.00	21.39 1.21 0.00	21.69 1.17 0.00	21.89 1.26 0.00	24.89 1.43 0.00	26.58 1.69 0.00	25.44 1.55 0.00	23.87 1.48 0.00	21.03 1.28 0.00	17.95 1.08 0.00	16.43 0.99 0.00	15.67 0.89 0.00
ELEC_TRO_TEK 24086	15.70 1.56 -0.11	14.26 1.39 0.00	13.62 1.26 0.00	13.03 1.16 0.00	12.97 1.18 0.00	13.76 1.27 0.00	16.09 1.51 -0.35	19.64 1.68 -3.49	20.63 1.79 -3.45	22.54 1.87 -4.38	23.07 1.83 -4.75	23.63 1.97 -4.35	25.48 2.11 -5.02	26.50 2.26 -4.06	26.39 2.34 -3.53	26.41 2.37 -3.40	26.69 2.79 -0.44	28.27 2.94 -0.44	27.04 2.89 -0.26	26.44 2.62 -1.43	23.34 2.19 -1.41	23.54 1.84 -4.83	22.47 1.76 -5.26	20.28 1.77 -3.72
ELLENBURG_WT_PWR 323604	12.22 -0.56 1.25	12.04 -0.53 0.29	11.01 -0.49 0.85	10.99 -0.47 0.39	11.36 -0.42 0.00	12.04 -0.44 0.00	13.73 -0.50 0.00	14.02 -0.45 0.00	14.93 -0.46 0.00	15.79 -0.51 0.00	15.93 -0.56 0.00	16.65 -0.66 0.00	17.18 -0.72 0.46	16.98 -0.87 2.34	16.87 -0.90 2.74	15.55 -0.91 4.17	16.93 -0.94 5.60	16.89 -0.95 7.06	16.88 -0.96 6.05	16.74 -0.96 4.68	16.92 -0.89 1.94	16.11 -0.76 0.00	14.73 -0.71 0.00	14.09 -0.69 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.89 -0.14 0.00	12.90 0.04 0.00	12.24 -0.12 0.00	11.74 -0.12 0.00	11.69 -0.09 0.00	12.64 0.16 0.00	14.39 0.16 0.00	15.06 0.59 0.00	18.40 0.83 -2.18	20.89 1.14 -3.46	26.13 1.40 -8.24	29.94 1.40 -11.24	31.08 1.47 -11.26	30.23 1.47 -8.58	31.31 1.48 -9.32	31.03 1.28 -9.12	33.63 1.41 -8.76	35.75 1.00 -9.87	31.28 0.79 -6.60	23.61 0.45 -0.77	20.63 0.89 0.00	17.68 0.81 0.00	15.95 0.51 0.00	15.11 0.32 0.00
EMPIRE_CC_1 323656	14.75 0.72 0.00	13.53 0.67 0.00	13.04 0.68 0.00	12.51 0.65 0.00	12.42 0.64 0.00	13.12 0.64 0.00	14.90 0.67 0.00	15.12 0.65 0.00	16.01 0.62 0.00	16.93 0.63 0.00	17.10 0.61 0.00	18.00 0.69 0.00	19.11 0.75 0.00	20.99 0.81 0.00	21.32 0.80 0.00	21.44 0.80 0.00	24.40 0.94 0.00	25.91 1.02 0.00	24.94 1.05 0.00	23.42 1.03 0.00	20.54 0.79 0.00	17.56 0.69 0.00	16.11 0.66 0.00	15.43 0.65 0.00
EMPIRE_CC_2 323658	14.75 0.72 0.00	13.53 0.67 0.00	13.04 0.68 0.00	12.51 0.65 0.00	12.42 0.64 0.00	13.12 0.64 0.00	14.90 0.67 0.00	15.12 0.65 0.00	16.01 0.62 0.00	16.93 0.63 0.00	17.10 0.61 0.00	18.00 0.69 0.00	19.11 0.75 0.00	20.99 0.81 0.00	21.32 0.80 0.00	21.44 0.80 0.00	24.40 0.94 0.00	25.91 1.02 0.00	24.94 1.05 0.00	23.42 1.03 0.00	20.54 0.79 0.00	17.56 0.69 0.00	16.11 0.66 0.00	15.43 0.65 0.00
ERIE_WT_PWR 323693	14.02 -0.01 0.00	13.02 0.15 0.00	12.35 -0.01 0.00	11.85 -0.01 0.00	11.79 0.00 0.00	12.77 0.29 0.00	14.56 0.33 0.00	15.25 0.78 0.00	18.54 1.05 -2.10	20.64 1.38 -2.96	26.03 1.63 -7.92	29.74 1.64 -10.79	30.89 1.72 -10.82	29.25 1.74 -7.33	30.26 1.77 -7.97	30.02 1.59 -7.80	32.69 1.74 -7.49	34.74 1.34 -8.51	30.77 1.12 -5.76	23.85 0.76 -0.70	20.89 1.14 0.00	17.92 1.05 0.00	16.15 0.71 0.00	15.28 0.50 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.34 0.31 0.00	13.15 0.28 0.00	12.60 0.23 0.00	12.09 0.22 0.00	12.01 0.22 0.00	12.76 0.27 0.00	14.59 0.36 0.00	14.94 0.48 0.00	15.98 0.54 -0.05	17.09 0.63 -0.16	17.37 0.69 -0.19	18.29 0.73 -0.26	19.36 0.75 -0.26	21.36 0.79 -0.39	21.79 0.84 -0.43	21.87 0.80 -0.43	24.84 0.96 -0.41	26.30 0.92 -0.49	25.09 0.86 -0.34	23.20 0.76 -0.05	20.51 0.77 0.00	17.53 0.66 0.00	15.95 0.51 0.00	15.24 0.46 0.00
E_CANADA_CAP_HY 24051	14.96 0.88 -0.05	13.61 0.73 -0.01	13.07 0.68 -0.03	12.55 0.68 -0.02	12.51 0.72 0.00	13.28 0.80 0.00	15.10 0.87 0.00	15.44 0.97 0.00	16.43 1.03 0.00	17.40 1.11 0.00	17.53 1.04 0.00	18.40 1.09 0.00	19.56 1.19 -0.02	21.60 1.33 -0.09	22.04 1.41 -0.10	22.11 1.32 -0.16	25.34 1.67 -0.21	26.98 1.82 -0.27	25.84 1.72 -0.23	24.42 1.86 -0.18	21.40 1.58 -0.07	18.10 1.23 0.00	16.52 1.08 0.00	15.62 0.84 0.00
E_CANADA_MHWK_HY 24050	14.62 0.53 -0.06	13.37 0.49 -0.01	12.86 0.46 -0.04	12.32 0.44 -0.02	12.21 0.42 0.00	12.93 0.45 0.00	14.74 0.51 0.00	15.00 0.54 0.00	15.98 0.58 0.00	16.93 0.63 0.00	17.11 0.63 0.00	17.96 0.66 0.00	19.05 0.68 -0.02	20.99 0.71 -0.10	21.42 0.78 -0.12	21.58 0.76 -0.18	24.65 0.94 -0.25	26.10 0.89 -0.31	25.09 0.93 -0.27	23.51 0.92 -0.21	20.54 0.71 -0.09	17.46 0.59 0.00	15.95 0.51 0.00	15.31 0.53 0.00
E_FISHKILL___LBMP 23776	15.21 1.18 0.00	13.89 1.03 0.00	13.35 0.99 0.00	12.81 0.95 0.00	12.71 0.92 0.00	13.44 0.96 0.00	15.36 1.12 0.00	15.72 1.26 0.00	16.73 1.34 0.00	17.69 1.40 0.00	17.89 1.40 0.00	18.83 1.52 0.00	19.99 1.63 0.00	21.94 1.75 0.00	22.33 1.81 0.00	22.49 1.86 0.00	25.55 2.09 0.00	27.11 2.21 0.00	26.09 2.20 0.00	24.47 2.08 0.00	21.46 1.72 0.00	18.30 1.43 0.00	16.79 1.34 0.00	16.14 1.36 0.00
FAR ROCKAWAY___4 23548	15.94 1.80 -0.11	14.46 1.59 0.00	13.81 1.45 0.00	13.21 1.34 0.00	13.15 1.36 0.00	13.96 1.47 0.00	16.32 1.74 -0.35	19.89 1.91 -3.51	20.89 2.05 -3.45	22.82 2.15 -4.38	23.35 2.11 -4.75	23.92 2.27 -4.35	25.81 2.44 -5.01	26.76 2.52 -4.06	26.66 2.71 -3.44	26.62 2.70 -3.28	26.91 3.19 -0.26	28.40 3.31 -0.20	27.36 3.34 -0.13	26.77 3.04 -1.34	23.43 2.49 -1.20	23.81 2.11 -4.83	22.73 2.02 -5.26	20.56 2.05 -3.72
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	15.50 1.47 0.00	14.13 1.26 0.00	13.57 1.21 0.00	13.01 1.15 0.00	12.90 1.11 0.00	13.65 1.17 0.00	15.65 1.42 0.00	16.07 1.61 0.00	17.14 1.72 -0.02	18.68 1.82 -0.56	18.67 1.83 -0.36	19.60 1.97 -0.33	20.84 2.11 -0.38	22.77 2.28 -0.31	23.12 2.34 -0.26	23.27 2.39 -0.25	26.18 2.70 -0.02	27.75 2.86 0.00	26.68 2.79 0.00	25.01 2.62 0.00	21.94 2.19 0.00	18.69 1.82 0.00	17.14 1.70 0.00	16.51 1.71 -0.02
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	15.49 1.46 0.00	14.13 1.26 0.00	13.56 1.20 0.00	13.00 1.14 0.00	12.89 1.10 0.00	13.64 1.16 0.00	15.64 1.41 0.00	16.06 1.59 0.00	17.12 1.71 -0.02	18.66 1.81 -0.56	18.64 1.80 -0.36	19.57 1.94 -0.33	20.82 2.09 -0.38	22.75 2.26 -0.31	23.10 2.32 -0.26	23.23 2.35 -0.25	26.15 2.67 -0.02	27.73 2.84 0.00	26.66 2.77 0.00	24.98 2.60 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.51 1.71 -0.02



FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	15.48 1.45 0.00	14.11 1.25 0.00	13.56 1.20 0.00	12.99 1.13 0.00	12.89 1.10 0.00	13.64 1.16 0.00	15.63 1.40 0.00	16.04 1.58 0.00	17.11 1.69 -0.02	18.65 1.79 -0.56	18.64 1.80 -0.36	19.57 1.94 -0.33	20.80 2.07 -0.38	22.73 2.24 -0.31	23.08 2.30 -0.26	23.23 2.35 -0.25	26.13 2.65 -0.02	27.70 2.81 0.00	26.63 2.75 0.00	24.96 2.57 0.00	21.90 2.15 0.00	18.66 1.79 0.00	17.13 1.68 0.00	16.50 1.70 -0.02
FARRAGUT___LBMP 323566	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.63 1.78 -0.56	18.62 1.78 -0.36	19.54 1.90 -0.33	20.79 2.06 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.21 2.33 -0.25	26.11 2.63 -0.02	27.68 2.79 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
FENNER___WINDPWR 24204	14.35 0.32 0.00	13.15 0.28 0.00	12.61 0.25 0.00	12.10 0.24 0.00	12.04 0.25 0.00	12.78 0.30 0.00	14.62 0.38 0.00	14.92 0.45 0.00	15.90 0.51 0.00	16.88 0.59 0.00	17.08 0.59 0.00	17.95 0.64 0.00	19.01 0.66 0.00	20.87 0.69 0.00	21.28 0.76 0.00	21.37 0.74 0.00	24.33 0.87 0.00	25.74 0.85 0.00	24.70 0.81 0.00	23.17 0.78 0.00	20.48 0.73 0.00	17.48 0.61 0.00	15.91 0.46 0.00	15.20 0.41 0.00
FIBERTEK___ENERGY 23856	14.07 0.04 0.00	12.92 0.05 0.00	12.39 0.02 0.00	11.89 0.02 0.00	11.81 0.02 0.00	12.52 0.04 0.00	14.30 0.07 0.00	14.54 0.07 0.00	15.53 0.14 0.00	16.50 0.21 0.00	16.73 0.25 0.00	17.58 0.28 0.00	18.63 0.28 0.00	20.44 0.26 0.00	20.81 0.29 0.00	20.90 0.27 0.00	23.75 0.28 0.00	25.09 0.20 0.00	24.08 0.19 0.00	22.55 0.16 0.00	19.94 0.20 0.00	17.04 0.17 0.00	15.54 0.09 0.00	14.87 0.09 0.00
FITZPATRICK____ 23598	13.74 -0.30 0.00	12.61 -0.26 0.00	12.10 -0.26 0.00	11.61 -0.25 0.00	11.54 -0.25 0.00	12.24 -0.24 0.00	13.96 -0.27 0.00	14.15 -0.32 0.00	15.07 -0.32 0.00	16.00 -0.29 0.00	16.22 -0.26 0.00	17.03 -0.28 0.00	18.04 -0.31 0.00	19.84 -0.34 0.00	20.19 -0.33 0.00	20.28 -0.35 0.00	23.04 -0.42 0.00	24.39 -0.50 0.00	23.41 -0.48 0.00	21.92 -0.47 0.00	19.37 -0.38 0.00	16.57 -0.30 0.00	15.12 -0.33 0.00	14.44 -0.34 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	15.36 1.33 0.00	14.02 1.16 0.00	13.46 1.10 0.00	12.92 1.06 0.00	12.80 1.01 0.00	13.52 1.04 0.00	15.48 1.25 0.00	15.87 1.40 0.00	16.92 1.52 0.00	17.89 1.60 0.00	18.07 1.58 0.00	19.04 1.73 0.00	20.23 1.87 0.00	22.18 2.00 0.00	22.59 2.07 0.00	22.76 2.13 0.00	25.86 2.39 0.00	27.48 2.59 0.00	26.40 2.51 0.00	24.76 2.37 0.00	21.70 1.96 0.00	18.53 1.65 0.00	16.97 1.53 0.00	16.29 1.51 0.00
FORT ORANGE____ 23900	14.98 0.91 -0.04	13.70 0.82 -0.01	13.19 0.80 -0.03	12.64 0.77 -0.01	12.55 0.77 0.00	13.26 0.77 0.00	15.07 0.84 0.00	15.28 0.81 0.00	16.12 0.72 0.00	17.06 0.77 0.00	17.21 0.72 0.00	18.12 0.81 0.00	19.26 0.90 -0.01	21.20 0.95 -0.07	21.57 0.96 -0.08	21.73 0.97 -0.12	24.76 1.13 -0.17	26.32 1.22 -0.21	25.31 1.24 -0.18	23.76 1.23 -0.14	20.75 0.95 -0.06	17.66 0.79 0.00	16.18 0.74 0.00	15.51 0.72 0.00
FORT_DRUM_COGEN 23780	14.08 0.30 0.25	13.01 0.21 0.06	12.37 0.17 0.17	11.96 0.18 0.08	11.99 0.20 0.00	12.77 0.29 0.00	14.66 0.43 0.00	14.92 0.45 0.00	15.89 0.49 0.00	16.88 0.59 0.00	17.08 0.59 0.00	17.96 0.66 0.00	18.92 0.66 0.09	20.39 0.66 0.46	20.76 0.78 0.54	20.56 0.74 0.82	23.21 0.84 1.10	24.43 0.92 1.38	23.51 0.81 1.19	22.39 0.92 0.92	20.35 0.99 0.38	17.70 0.83 0.00	16.05 0.60 0.00	15.17 0.38 0.00
FPL_FAR_ROCK_GT1 24212	15.94 1.80 -0.11	14.46 1.59 0.00	13.81 1.45 0.00	13.21 1.34 0.00	13.15 1.36 0.00	13.96 1.47 0.00	16.32 1.74 -0.35	19.89 1.91 -3.51	20.89 2.05 -3.45	22.82 2.15 -4.38	23.35 2.11 -4.75	23.92 2.27 -4.35	25.81 2.44 -5.01	26.76 2.52 -4.06	26.66 2.71 -3.44	26.62 2.70 -3.28	26.91 3.19 -0.26	28.40 3.31 -0.20	27.36 3.34 -0.13	26.77 3.04 -1.34	23.43 2.49 -1.20	23.81 2.11 -4.83	22.73 2.02 -5.26	20.56 2.05 -3.72
FPL_FAR_ROCK_GT2 23815	15.94 1.80 -0.11	14.46 1.59 0.00	13.81 1.45 0.00	13.21 1.34 0.00	13.15 1.36 0.00	13.96 1.47 0.00	16.32 1.74 -0.35	19.89 1.91 -3.51	20.89 2.05 -3.45	22.82 2.15 -4.38	23.35 2.11 -4.75	23.92 2.27 -4.35	25.81 2.44 -5.01	26.76 2.52 -4.06	26.66 2.71 -3.44	26.62 2.70 -3.28	26.91 3.19 -0.26	28.40 3.31 -0.20	27.36 3.34 -0.13	26.77 3.04 -1.34	23.43 2.49 -1.20	23.81 2.11 -4.83	22.73 2.02 -5.26	20.56 2.05 -3.72
FRANKLIN_FALL_HYD 24054	12.29 -0.58 1.17	12.05 -0.54 0.28	11.06 -0.51 0.80	11.01 -0.49 0.37	11.38 -0.41 0.00	12.07 -0.41 0.00	13.76 -0.47 0.00	14.11 -0.36 0.00	15.04 -0.35 0.00	15.90 -0.39 0.00	15.99 -0.49 0.00	16.72 -0.59 0.00	17.25 -0.68 0.42	17.21 -0.79 2.18	17.16 -0.80 2.56	15.95 -0.78 3.89	17.42 -0.82 5.22	17.48 -0.82 6.59	17.48 -0.77 5.64	17.30 -0.72 4.37	17.24 -0.69 1.81	16.30 -0.57 0.00	14.87 -0.57 0.00	14.21 -0.58 0.00
FREEPORT_EQUS_GT1 23764	15.88 1.74 -0.11	14.41 1.54 0.00	13.76 1.40 0.00	13.15 1.28 0.00	13.09 1.30 0.00	13.90 1.41 0.00	16.27 1.68 -0.36	19.84 1.88 -3.49	20.86 2.02 -3.45	22.78 2.10 -4.38	23.30 2.06 -4.75	23.86 2.20 -4.35	25.72 2.35 -5.02	26.74 2.50 -4.06	26.90 2.56 -3.81	27.01 2.62 -3.76	27.51 3.07 -0.98	29.27 3.21 -1.17	27.73 3.18 -0.66	27.01 2.91 -1.72	24.19 2.43 -2.02	23.76 2.06 -4.83	22.67 1.96 -5.26	20.49 1.98 -3.72
FREEPORT___CT2 23818	15.88 1.74 -0.11	14.41 1.54 0.00	13.76 1.40 0.00	13.15 1.28 0.00	13.09 1.30 0.00	13.90 1.41 0.00	16.27 1.68 -0.36	19.84 1.88 -3.49	20.86 2.02 -3.45	22.78 2.10 -4.38	23.30 2.06 -4.75	23.86 2.20 -4.35	25.72 2.35 -5.02	26.74 2.50 -4.06	26.90 2.56 -3.81	27.01 2.62 -3.76	27.51 3.07 -0.98	29.27 3.21 -1.17	27.73 3.18 -0.66	27.01 2.91 -1.72	24.19 2.43 -2.02	23.76 2.06 -4.83	22.67 1.96 -5.26	20.49 1.98 -3.72
FULTON COGEN____ 23766	14.10 0.07 0.00	12.94 0.08 0.00	12.40 0.04 0.00	11.90 0.04 0.00	11.81 0.02 0.00	12.52 0.04 0.00	14.32 0.09 0.00	14.47 0.00 0.00	15.44 0.05 0.00	16.41 0.11 0.00	16.65 0.16 0.00	17.48 0.17 0.00	18.52 0.16 0.00	20.34 0.16 0.00	20.73 0.21 0.00	20.82 0.19 0.00	23.65 0.19 0.00	24.99 0.10 0.00	24.01 0.12 0.00	22.48 0.09 0.00	19.86 0.12 0.00	16.97 0.10 0.00	15.47 0.03 0.00	14.81 0.03 0.00
FULTON___LFGE 323630	15.85 1.77 -0.05	14.38 1.50 -0.01	13.79 1.40 -0.04	13.24 1.36 -0.02	13.23 1.44 0.00	14.04 1.56 0.00	15.88 1.65 0.00	16.26 1.79 0.00	17.34 1.94 0.00	18.35 2.05 0.00	18.40 1.91 0.00	19.29 1.99 0.00	20.52 2.15 -0.02	22.15 1.88 -0.10	23.22 2.59 -0.11	23.38 2.58 -0.17	26.98 3.28 -0.23	27.99 2.81 -0.29	27.51 3.37 -0.25	25.98 3.40 -0.19	22.10 2.27 -0.08	18.64 1.77 0.00	16.97 1.53 0.00	16.42 1.64 0.00



G.F.CEMENT___DRP 24184	15.27 1.18 -0.06	13.89 1.02 -0.01	13.35 0.95 -0.04	12.81 0.93 -0.02	12.74 0.95 0.00	13.48 1.00 0.00	15.27 1.04 0.00	15.61 1.14 0.00	16.61 1.22 0.00	17.58 1.29 0.00	17.61 1.12 0.00	18.50 1.19 0.00	19.68 1.30 -0.02	21.70 1.41 -0.11	22.00 1.35 -0.12	22.14 1.32 -0.19	25.43 1.71 -0.25	27.25 2.04 -0.32	26.14 1.98 -0.27	24.68 2.08 -0.21	21.49 1.66 -0.09	18.20 1.33 0.00	16.66 1.22 0.00	15.86 1.08 0.00
GARDENVILLE___LBMP 24039	13.95 -0.08 0.00	12.96 0.09 0.00	12.29 -0.07 0.00	11.79 -0.07 0.00	11.74 -0.05 0.00	12.71 0.22 0.00	14.47 0.24 0.00	15.15 0.68 0.00	18.30 0.94 -1.96	20.51 1.25 -2.96	25.41 1.52 -7.41	28.94 1.52 -10.11	30.08 1.60 -10.13	29.12 1.59 -7.35	30.10 1.60 -7.98	29.87 1.42 -7.81	32.51 1.55 -7.50	34.58 1.17 -8.52	30.61 0.96 -5.77	23.69 0.60 -0.70	20.77 1.03 0.00	17.80 0.93 0.00	16.05 0.60 0.00	15.20 0.41 0.00
GENERAL___MILLS 23808	14.00 -0.03 0.00	13.01 0.14 0.00	12.34 -0.02 0.00	11.84 -0.02 0.00	11.78 -0.01 0.00	12.76 0.27 0.00	14.53 0.30 0.00	15.22 0.75 0.00	18.51 1.02 -2.10	20.61 1.35 -2.96	26.02 1.62 -7.92	29.71 1.61 -10.79	30.88 1.71 -10.82	29.23 1.71 -7.33	30.22 1.72 -7.97	29.98 1.55 -7.80	32.65 1.69 -7.49	34.69 1.29 -8.51	30.72 1.08 -5.76	23.81 0.72 -0.70	20.87 1.12 0.00	17.88 1.01 0.00	16.12 0.68 0.00	15.25 0.47 0.00
GE_PLASTICS___DRP 24183	14.82 0.79 0.00	13.57 0.71 0.00	13.07 0.70 0.00	12.54 0.68 0.00	12.46 0.67 0.00	13.15 0.67 0.00	14.94 0.71 0.00	15.19 0.72 0.00	16.07 0.68 0.00	16.99 0.70 0.00	17.16 0.68 0.00	18.07 0.76 0.00	19.18 0.83 0.00	21.07 0.89 0.00	21.42 0.90 0.00	21.54 0.91 0.00	24.49 1.03 0.00	26.01 1.12 0.00	25.04 1.15 0.00	23.51 1.12 0.00	20.63 0.89 0.00	17.61 0.74 0.00	16.15 0.71 0.00	15.46 0.68 0.00
GILBOA___1 23756	14.72 0.69 0.00	13.53 0.67 0.00	13.05 0.69 0.00	12.53 0.66 0.00	12.44 0.65 0.00	13.11 0.62 0.00	14.89 0.66 0.00	15.19 0.72 0.00	16.15 0.75 0.00	17.09 0.80 0.00	17.28 0.79 0.00	18.17 0.86 0.00	19.29 0.94 0.00	21.17 0.99 0.00	21.55 1.03 0.00	21.66 1.03 0.00	24.64 1.17 0.00	26.14 1.24 0.00	25.13 1.24 0.00	23.57 1.19 0.00	20.71 0.97 0.00	17.70 0.83 0.00	16.20 0.76 0.00	15.54 0.75 0.00
GILBOA___2 23757	14.72 0.69 0.00	13.53 0.67 0.00	13.05 0.69 0.00	12.53 0.66 0.00	12.44 0.65 0.00	13.11 0.62 0.00	14.89 0.66 0.00	15.19 0.72 0.00	16.15 0.75 0.00	17.09 0.80 0.00	17.28 0.79 0.00	18.17 0.86 0.00	19.29 0.94 0.00	21.17 0.99 0.00	21.55 1.03 0.00	21.66 1.03 0.00	24.64 1.17 0.00	26.14 1.24 0.00	25.13 1.24 0.00	23.57 1.19 0.00	20.71 0.97 0.00	17.70 0.83 0.00	16.20 0.76 0.00	15.54 0.75 0.00
GILBOA___3 23758	14.72 0.69 0.00	13.53 0.67 0.00	13.05 0.69 0.00	12.53 0.66 0.00	12.44 0.65 0.00	13.11 0.62 0.00	14.89 0.66 0.00	15.19 0.72 0.00	16.15 0.75 0.00	17.09 0.80 0.00	17.28 0.79 0.00	18.17 0.86 0.00	19.29 0.94 0.00	21.17 0.99 0.00	21.55 1.03 0.00	21.66 1.03 0.00	24.64 1.17 0.00	26.14 1.24 0.00	25.13 1.24 0.00	23.57 1.19 0.00	20.71 0.97 0.00	17.70 0.83 0.00	16.20 0.76 0.00	15.54 0.75 0.00
GILBOA___4 23759	14.72 0.69 0.00	13.53 0.67 0.00	13.05 0.69 0.00	12.53 0.66 0.00	12.44 0.65 0.00	13.11 0.62 0.00	14.89 0.66 0.00	15.19 0.72 0.00	16.15 0.75 0.00	17.09 0.80 0.00	17.28 0.79 0.00	18.17 0.86 0.00	19.29 0.94 0.00	21.17 0.99 0.00	21.55 1.03 0.00	21.66 1.03 0.00	24.64 1.17 0.00	26.14 1.24 0.00	25.13 1.24 0.00	23.57 1.19 0.00	20.71 0.97 0.00	17.70 0.83 0.00	16.20 0.76 0.00	15.54 0.75 0.00
GILBOA____ 23599	14.72 0.69 0.00	13.53 0.67 0.00	13.05 0.69 0.00	12.53 0.66 0.00	12.44 0.65 0.00	13.11 0.62 0.00	14.89 0.66 0.00	15.19 0.72 0.00	16.15 0.75 0.00	17.09 0.80 0.00	17.28 0.79 0.00	18.17 0.86 0.00	19.29 0.94 0.00	21.17 0.99 0.00	21.55 1.03 0.00	21.66 1.03 0.00	24.64 1.17 0.00	26.14 1.24 0.00	25.13 1.24 0.00	23.57 1.19 0.00	20.71 0.97 0.00	17.70 0.83 0.00	16.20 0.76 0.00	15.54 0.75 0.00
GINNA____ 23603	13.20 -0.83 0.00	12.17 -0.69 0.00	11.62 -0.74 0.00	11.14 -0.72 0.00	11.08 -0.71 0.00	11.74 -0.74 0.00	13.46 -0.77 0.00	13.83 -0.64 0.00	14.76 -0.60 0.04	15.69 -0.49 0.11	15.97 -0.38 0.14	16.72 -0.40 0.18	17.78 -0.39 0.19	19.67 -0.22 0.29	19.97 -0.25 0.31	20.04 -0.29 0.31	22.82 -0.35 0.29	23.99 -0.55 0.35	23.01 -0.62 0.25	21.63 -0.72 0.04	19.29 -0.45 0.00	16.53 -0.34 0.00	14.93 -0.51 0.00	14.19 -0.59 0.00
GLEN PARK____ 23778	14.15 0.35 0.23	13.04 0.23 0.05	12.41 0.21 0.16	12.00 0.21 0.07	12.02 0.24 0.00	12.82 0.34 0.00	14.72 0.48 0.00	14.99 0.52 0.00	15.97 0.57 0.00	16.98 0.68 0.00	17.16 0.68 0.00	18.05 0.74 0.00	19.02 0.75 0.08	20.51 0.77 0.43	20.89 0.88 0.51	20.72 0.87 0.77	23.39 0.96 1.04	24.65 1.07 1.31	23.72 0.96 1.12	22.57 1.05 0.87	20.49 1.11 0.36	17.80 0.93 0.00	16.12 0.68 0.00	15.22 0.44 0.00
GLENWOOD_IC_1_G5 23712	15.68 1.54 -0.11	14.23 1.36 0.00	13.62 1.26 0.00	13.04 1.17 0.00	12.97 1.18 0.00	13.74 1.26 0.00	16.09 1.51 -0.35	19.64 1.69 -3.49	20.66 1.82 -3.45	22.59 1.92 -4.38	23.16 1.93 -4.75	23.73 2.08 -4.35	25.59 2.22 -5.02	26.64 2.40 -4.06	26.60 2.46 -3.62	26.64 2.50 -3.51	26.74 2.67 -0.61	28.40 2.84 -0.67	27.05 2.77 -0.39	26.64 2.73 -1.52	23.63 2.29 -1.60	23.63 1.92 -4.83	22.51 1.81 -5.26	20.31 1.80 -3.72
GLENWOOD_IC_2_G1 23688	15.60 1.46 -0.11	14.15 1.29 0.00	13.56 1.20 0.00	12.99 1.13 0.00	12.91 1.12 0.00	13.67 1.19 0.00	15.99 1.41 -0.35	19.52 1.58 -3.48	20.53 1.69 -3.45	22.46 1.79 -4.38	23.02 1.78 -4.75	23.57 1.92 -4.35	25.42 2.06 -5.01	26.46 2.22 -4.06	26.25 2.30 -3.44	26.25 2.33 -3.28	26.37 2.65 -0.26	27.90 2.81 -0.20	26.76 2.75 -0.13	26.30 2.57 -1.34	23.10 2.15 -1.20	23.51 1.81 -4.83	22.39 1.68 -5.26	20.19 1.68 -3.72
GLENWOOD_IC_3_G1 23689	15.60 1.46 -0.11	14.15 1.29 0.00	13.56 1.20 0.00	12.99 1.13 0.00	12.91 1.12 0.00	13.67 1.19 0.00	15.99 1.41 -0.35	19.52 1.58 -3.48	20.53 1.69 -3.45	22.46 1.79 -4.38	23.02 1.78 -4.75	23.57 1.92 -4.35	25.42 2.06 -5.01	26.46 2.22 -4.06	26.25 2.30 -3.44	26.25 2.33 -3.28	26.37 2.65 -0.26	27.90 2.81 -0.20	26.76 2.75 -0.13	26.30 2.57 -1.34	23.10 2.15 -1.20	23.51 1.81 -4.83	22.39 1.68 -5.26	20.19 1.68 -3.72
GLENWOOD___4 23550	15.68 1.54 -0.11	14.23 1.36 0.00	13.62 1.26 0.00	13.04 1.17 0.00	12.97 1.18 0.00	13.74 1.26 0.00	16.09 1.51 -0.35	19.64 1.69 -3.49	20.66 1.82 -3.45	22.59 1.92 -4.38	23.16 1.93 -4.75	23.73 2.08 -4.35	25.59 2.22 -5.02	26.64 2.40 -4.06	26.60 2.46 -3.62	26.64 2.50 -3.51	26.81 2.74 -0.61	28.47 2.91 -0.67	27.12 2.84 -0.39	26.64 2.73 -1.52	23.63 2.29 -1.60	23.63 1.92 -4.83	22.51 1.81 -5.26	20.31 1.80 -3.72



GLENWOOD___5 23614	15.68 1.54 -0.11	14.23 1.36 0.00	13.62 1.26 0.00	13.04 1.17 0.00	12.97 1.18 0.00	13.74 1.26 0.00	16.09 1.51 -0.35	19.64 1.69 -3.49	20.66 1.82 -3.45	22.59 1.92 -4.38	23.16 1.93 -4.75	23.73 2.08 -4.35	25.59 2.22 -5.02	26.64 2.40 -4.06	26.60 2.46 -3.62	26.64 2.50 -3.51	26.81 2.74 -0.61	28.47 2.91 -0.67	27.12 2.84 -0.39	26.64 2.73 -1.52	23.63 2.29 -1.60	23.63 1.92 -4.83	22.51 1.81 -5.26	20.31 1.80 -3.72
GLOBAL GREEN_PORT_GT1 23814	17.02 2.88 -0.12	15.45 2.57 -0.01	14.71 2.34 -0.01	14.03 2.17 0.00	14.01 2.22 -0.01	14.90 2.41 -0.01	17.44 2.85 -0.36	20.99 3.04 -3.49	22.05 3.20 -3.46	24.10 3.42 -4.39	24.71 3.46 -4.76	25.37 3.70 -4.36	27.40 4.02 -5.03	28.66 4.40 -4.08	37.87 4.76 -12.59	40.30 4.87 -14.80	46.97 5.65 -17.85	54.50 5.87 -23.74	42.91 5.76 -13.27	38.26 5.31 -10.57	45.23 4.36 -21.12	25.36 3.64 -4.85	23.99 3.27 -5.27	21.78 3.27 -3.73
GLOBE___DSASP 323697	13.30 -0.73 0.00	12.39 -0.48 0.00	11.76 -0.61 0.00	11.27 -0.59 0.00	11.22 -0.57 0.00	12.11 -0.37 0.00	13.75 -0.48 0.00	14.32 -0.14 0.00	14.84 0.03 0.59	15.01 0.26 1.54	14.83 0.51 2.17	14.83 0.47 2.95	15.88 0.48 2.95	16.82 0.40 3.77	16.77 0.39 4.14	16.77 0.21 4.06	19.74 0.19 3.91	19.73 -0.25 4.91	19.74 -0.41 3.74	21.09 -0.65 0.65	19.63 -0.12 0.00	16.87 0.00 0.00	15.24 -0.20 0.00	14.46 -0.33 0.00
GOETHSLN___LBMP 323567	15.43 1.40 0.00	14.06 1.20 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.85 1.06 0.00	13.59 1.11 0.00	15.57 1.34 0.00	15.99 1.52 0.00	17.04 1.63 -0.02	18.56 1.71 -0.56	18.56 1.71 -0.36	19.49 1.85 -0.33	20.71 1.98 -0.38	22.63 2.14 -0.31	22.98 2.20 -0.26	23.13 2.25 -0.25	26.04 2.56 -0.02	27.58 2.69 0.00	26.54 2.65 0.00	24.87 2.48 0.00	21.82 2.07 0.00	18.59 1.72 0.00	17.05 1.61 0.00	16.44 1.64 -0.02
GOODYEAR_LAKE_HYD 323669	14.69 0.66 0.00	13.46 0.59 0.00	12.93 0.57 0.00	12.41 0.55 0.00	12.34 0.55 0.00	13.09 0.61 0.00	14.94 0.71 0.00	15.31 0.84 0.00	16.33 0.91 -0.03	17.36 0.98 -0.09	17.58 0.99 -0.11	18.50 1.06 -0.14	19.63 1.14 -0.14	21.61 1.21 -0.22	22.03 1.27 -0.24	22.13 1.26 -0.24	25.17 1.48 -0.23	26.73 1.57 -0.27	25.59 1.51 -0.19	23.87 1.45 -0.03	21.07 1.32 0.00	17.95 1.08 0.00	16.37 0.93 0.00	15.59 0.81 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.35 0.32 0.00	13.20 0.33 0.00	12.63 0.27 0.00	12.12 0.26 0.00	12.05 0.26 0.00	12.81 0.32 0.00	14.60 0.37 0.00	15.00 0.54 0.00	16.08 0.62 -0.07	17.23 0.72 -0.22	17.54 0.79 -0.26	18.47 0.81 -0.35	19.57 0.86 -0.35	21.61 0.89 -0.54	22.03 0.92 -0.59	22.10 0.89 -0.58	25.01 0.99 -0.56	26.50 0.95 -0.66	25.25 0.88 -0.47	23.22 0.76 -0.07	20.56 0.81 0.00	17.56 0.69 0.00	15.98 0.54 0.00	15.30 0.52 0.00
GOUDEY___7 23579	14.35 0.32 0.00	13.20 0.33 0.00	12.65 0.28 0.00	12.12 0.26 0.00	12.06 0.27 0.00	12.82 0.34 0.00	14.62 0.38 0.00	15.02 0.55 0.00	16.09 0.63 -0.07	17.24 0.73 -0.22	17.55 0.81 -0.26	18.49 0.83 -0.35	19.59 0.88 -0.35	21.63 0.91 -0.54	22.03 0.92 -0.59	22.10 0.89 -0.58	25.03 1.01 -0.56	26.50 0.95 -0.66	25.27 0.91 -0.47	23.24 0.78 -0.07	20.57 0.83 0.00	17.58 0.71 0.00	16.00 0.56 0.00	15.30 0.52 0.00
GOUDEY___8 23580	14.35 0.32 0.00	13.20 0.33 0.00	12.63 0.27 0.00	12.12 0.26 0.00	12.05 0.26 0.00	12.81 0.32 0.00	14.60 0.37 0.00	15.00 0.54 0.00	16.08 0.62 -0.07	17.23 0.72 -0.22	17.54 0.79 -0.26	18.47 0.81 -0.35	19.57 0.86 -0.35	21.61 0.89 -0.54	22.03 0.92 -0.59	22.10 0.89 -0.58	25.01 0.99 -0.56	26.50 0.95 -0.66	25.25 0.88 -0.47	23.22 0.76 -0.07	20.56 0.81 0.00	17.56 0.69 0.00	15.98 0.54 0.00	15.30 0.52 0.00
GOWANUS_GT1_1 24077	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT1_2 24078	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT1_3 24079	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT1_4 24080	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT1_5 24084	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT1_6 24111	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT1_7 24112	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02



GOWANUS_GT1_8 24113	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT2_1 24114	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT2_2 24115	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT2_3 24116	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT2_4 24117	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT2_5 24118	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT2_6 24119	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT2_7 24120	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT2_8 24121	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT3_1 24122	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT3_2 24123	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT3_3 24124	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT3_4 24125	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT3_5 24126	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT3_6 24127	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02



GOWANUS_GT3_7 24128	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT3_8 24129	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT4_1 24130	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT4_2 24131	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT4_3 24132	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT4_4 24133	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT4_5 24134	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT4_6 24135	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT4_7 24136	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GOWANUS_GT4_8 24137	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GREENIDGE___3 23582	14.13 0.10 0.00	13.02 0.15 0.00	12.42 0.06 0.00	11.92 0.06 0.00	11.86 0.07 0.00	12.64 0.16 0.00	14.46 0.23 0.00	14.94 0.48 0.00	16.08 0.58 -0.10	17.31 0.68 -0.33	17.67 0.79 -0.39	18.55 0.71 -0.53	19.64 0.75 -0.53	21.65 0.65 -0.82	22.07 0.66 -0.89	22.14 0.62 -0.89	24.95 0.63 -0.86	26.42 0.52 -1.00	25.05 0.45 -0.71	22.77 0.29 -0.10	20.26 0.51 0.00	17.51 0.64 0.00	15.94 0.49 0.00	15.22 0.44 0.00
GREENIDGE___4 23583	14.13 0.10 0.00	13.02 0.15 0.00	12.42 0.06 0.00	11.92 0.06 0.00	11.86 0.07 0.00	12.64 0.16 0.00	14.46 0.23 0.00	14.94 0.48 0.00	16.08 0.58 -0.10	17.31 0.68 -0.33	17.67 0.79 -0.39	18.55 0.71 -0.53	19.64 0.75 -0.53	21.65 0.65 -0.82	22.07 0.66 -0.89	22.14 0.62 -0.89	24.95 0.63 -0.86	26.42 0.52 -1.00	25.05 0.45 -0.71	22.77 0.29 -0.10	20.26 0.51 0.00	17.51 0.64 0.00	15.94 0.49 0.00	15.22 0.44 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
GROVEVILLE___HYD 323602	15.36 1.33 0.00	14.02 1.16 0.00	13.46 1.10 0.00	12.92 1.06 0.00	12.80 1.01 0.00	13.52 1.04 0.00	15.48 1.25 0.00	15.87 1.40 0.00	16.92 1.52 0.00	17.89 1.60 0.00	18.07 1.58 0.00	19.04 1.73 0.00	20.23 1.87 0.00	22.18 2.00 0.00	22.59 2.07 0.00	22.76 2.13 0.00	25.86 2.39 0.00	27.48 2.59 0.00	26.40 2.51 0.00	24.76 2.37 0.00	21.70 1.96 0.00	18.53 1.65 0.00	16.97 1.53 0.00	16.29 1.51 0.00
HAMPSHIRE___PAPER_HYD 323593	13.22 -0.15 0.66	12.52 -0.19 0.15	11.73 -0.19 0.45	11.49 -0.17 0.21	11.65 -0.14 0.00	12.37 -0.11 0.00	14.15 -0.08 0.00	14.42 -0.04 0.00	15.35 -0.05 0.00	16.28 -0.02 0.00	16.42 -0.07 0.00	17.24 -0.07 0.00	17.99 -0.13 0.24	18.75 -0.20 1.23	19.00 -0.08 1.44	18.32 -0.12 2.19	20.24 -0.28 2.94	20.84 -0.35 3.71	20.43 -0.29 3.18	19.88 -0.04 2.46	18.75 0.02 1.02	16.94 0.07 0.00	15.43 -0.02 0.00	14.68 -0.10 0.00



HARDSCRABBLE_WT_PWR 323673	14.49 0.41 -0.06	13.25 0.37 -0.01	12.74 0.35 -0.04	12.20 0.32 -0.02	12.09 0.31 0.00	12.81 0.32 0.00	14.60 0.37 0.00	14.86 0.39 0.00	15.83 0.43 0.00	16.77 0.47 0.00	16.95 0.46 0.00	17.79 0.48 0.00	18.87 0.50 -0.02	20.79 0.50 -0.10	21.22 0.57 -0.12	21.39 0.58 -0.18	24.44 0.73 -0.25	25.90 0.70 -0.31	24.85 0.69 -0.27	23.29 0.69 -0.21	20.34 0.51 -0.09	17.29 0.42 0.00	15.81 0.37 0.00	15.17 0.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	15.24 1.21 0.00	13.92 1.06 0.00	13.36 1.00 0.00	12.82 0.96 0.00	12.71 0.92 0.00	13.43 0.95 0.00	15.38 1.15 0.00	15.74 1.27 0.00	16.77 1.37 0.00	17.73 1.43 0.00	17.92 1.43 0.00	18.86 1.56 0.00	20.04 1.69 0.00	21.96 1.78 0.00	22.39 1.87 0.00	22.55 1.92 0.00	25.60 2.13 0.00	27.16 2.26 0.00	26.16 2.27 0.00	24.52 2.13 0.00	21.46 1.72 0.00	18.32 1.45 0.00	16.79 1.34 0.00	16.14 1.36 0.00
HARZA MOOSE__RIVER 24016	14.20 0.31 0.14	13.06 0.23 0.03	12.49 0.22 0.10	12.03 0.21 0.04	12.01 0.22 0.00	12.77 0.29 0.00	14.63 0.40 0.00	14.90 0.43 0.00	15.86 0.46 0.00	16.81 0.52 0.00	17.00 0.51 0.00	17.86 0.55 0.00	18.87 0.57 0.05	20.46 0.55 0.27	20.89 0.68 0.31	20.82 0.66 0.47	23.58 0.75 0.64	24.84 0.75 0.80	23.94 0.74 0.69	22.64 0.78 0.53	20.23 0.71 0.22	17.48 0.61 0.00	15.91 0.46 0.00	15.14 0.35 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	15.49 1.46 0.00	14.10 1.24 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.63 1.15 0.00	15.64 1.41 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.69 1.82 -0.57	19.48 1.83 -1.16	19.68 1.97 -0.40	22.31 2.11 -1.85	28.11 2.28 -5.65	23.14 2.36 -0.26	28.13 2.39 -5.11	28.33 2.70 -2.17	28.31 2.86 -0.56	26.71 2.82 -0.01	25.01 2.62 0.00	21.90 2.15 0.00	18.68 1.81 0.00	17.16 1.71 0.00	16.51 1.71 -0.02
HEMPSTEAD____ 23647	15.73 1.59 -0.11	14.27 1.40 0.00	13.64 1.27 0.00	13.04 1.17 0.00	12.98 1.19 0.00	13.77 1.29 0.00	16.12 1.54 -0.35	19.68 1.72 -3.49	20.69 1.85 -3.45	22.63 1.95 -4.38	23.15 1.91 -4.75	23.71 2.06 -4.35	25.57 2.20 -5.02	26.62 2.38 -4.06	26.65 2.42 -3.71	26.73 2.47 -3.63	27.06 2.81 -0.78	28.75 2.96 -0.90	27.32 2.91 -0.52	26.71 2.71 -1.61	23.81 2.27 -1.79	23.61 1.91 -4.83	22.53 1.82 -5.26	20.34 1.83 -3.72
HICKLING__1 23621	14.34 0.31 0.00	13.21 0.35 0.00	12.61 0.25 0.00	12.10 0.24 0.00	12.04 0.25 0.00	12.84 0.36 0.00	14.66 0.43 0.00	15.19 0.72 0.00	16.55 0.85 -0.31	17.68 1.01 -0.38	18.81 1.15 -1.17	20.05 1.14 -1.60	21.19 1.23 -1.60	22.43 1.31 -0.93	22.81 1.27 -1.01	23.10 1.28 -1.19	26.04 1.43 -1.15	27.63 1.39 -1.35	26.04 1.19 -0.96	23.48 0.96 -0.13	20.95 1.20 0.00	17.92 1.05 0.00	16.26 0.82 0.00	15.49 0.71 0.00
HICKLING__2 23622	14.34 0.31 0.00	13.21 0.35 0.00	12.61 0.25 0.00	12.10 0.24 0.00	12.04 0.25 0.00	12.84 0.36 0.00	14.66 0.43 0.00	15.19 0.72 0.00	16.55 0.85 -0.31	17.68 1.01 -0.38	18.81 1.15 -1.17	20.05 1.14 -1.60	21.19 1.23 -1.60	22.43 1.31 -0.93	22.81 1.27 -1.01	23.10 1.28 -1.19	26.04 1.43 -1.15	27.63 1.39 -1.35	26.04 1.19 -0.96	23.48 0.96 -0.13	20.95 1.20 0.00	17.92 1.05 0.00	16.26 0.82 0.00	15.49 0.71 0.00
HIGH FALLS__HY 23754	15.11 1.08 0.00	13.80 0.94 0.00	13.25 0.89 0.00	12.72 0.85 0.00	12.60 0.81 0.00	13.33 0.85 0.00	15.27 1.04 0.00	15.65 1.19 0.00	16.67 1.28 0.00	17.61 1.32 0.00	17.77 1.29 0.00	18.72 1.42 0.00	19.87 1.52 0.00	21.76 1.58 0.00	22.24 1.72 0.00	22.43 1.79 0.00	25.50 2.04 0.00	27.01 2.11 0.00	26.06 2.17 0.00	24.42 2.04 0.00	21.34 1.60 0.00	18.24 1.37 0.00	16.69 1.25 0.00	16.07 1.29 0.00
HILLBURN__GT 23639	15.24 1.21 0.00	13.91 1.04 0.00	13.36 1.00 0.00	12.81 0.95 0.00	12.71 0.92 0.00	13.44 0.96 0.00	15.38 1.15 0.00	15.78 1.32 0.00	16.81 1.42 0.00	17.76 1.47 0.00	17.97 1.48 0.00	18.90 1.59 0.00	20.08 1.72 0.00	21.98 1.80 0.00	22.43 1.91 0.00	22.57 1.94 0.00	25.65 2.18 0.00	27.16 2.26 0.00	26.21 2.32 0.00	24.56 2.17 0.00	21.48 1.74 0.00	18.32 1.45 0.00	16.79 1.34 0.00	16.19 1.41 0.00
HISHELDN_WT_PWR 323625	13.92 -0.11 0.00	12.90 0.04 0.00	12.26 -0.10 0.00	11.77 -0.10 0.00	11.72 -0.07 0.00	12.64 0.16 0.00	14.40 0.17 0.00	15.06 0.59 0.00	17.41 0.83 -1.18	19.21 1.12 -1.79	22.32 1.37 -4.47	24.74 1.35 -6.09	25.87 1.41 -6.10	26.06 1.43 -4.45	26.77 1.41 -4.83	26.60 1.26 -4.71	29.37 1.38 -4.53	31.24 1.05 -5.31	28.48 0.86 -3.73	23.46 0.56 -0.51	20.67 0.93 0.00	17.70 0.83 0.00	15.98 0.54 0.00	15.15 0.37 0.00
HOLTSVILLE_IC_1 23690	16.11 1.96 -0.12	14.62 1.75 -0.01	13.97 1.60 -0.01	13.33 1.47 0.00	13.31 1.51 -0.01	14.13 1.63 -0.01	16.53 1.94 -0.36	20.05 2.10 -3.49	21.05 2.20 -3.46	23.01 2.33 -4.39	23.49 2.24 -4.76	24.05 2.39 -4.36	25.95 2.57 -5.03	27.06 2.80 -4.08	36.50 3.02 -12.96	38.95 3.05 -15.27	45.59 3.57 -18.57	53.31 3.73 -24.69	41.36 3.68 -13.80	36.67 3.34 -10.94	44.50 2.82 -21.93	24.08 2.36 -4.85	22.91 2.19 -5.27	20.73 2.22 -3.73
HOLTSVILLE_IC_10 23699	16.21 2.06 -0.12	14.71 1.84 -0.01	14.04 1.67 -0.01	13.40 1.54 0.00	13.38 1.58 -0.01	14.20 1.71 -0.01	16.63 2.03 -0.36	20.15 2.20 -3.49	21.18 2.32 -3.46	23.14 2.46 -4.39	23.64 2.39 -4.76	24.21 2.54 -4.36	26.13 2.75 -5.03	27.24 2.99 -4.07	35.22 3.26 -11.44	37.27 3.28 -13.35	42.93 3.83 -15.64	49.65 3.98 -20.78	39.42 3.92 -11.61	35.38 3.58 -9.41	41.39 3.02 -18.62	24.23 2.51 -4.85	23.05 2.33 -5.27	20.85 2.33 -3.73
HOLTSVILLE_IC_2 23691	16.11 1.96 -0.12	14.62 1.75 -0.01	13.97 1.60 -0.01	13.33 1.47 0.00	13.31 1.51 -0.01	14.13 1.63 -0.01	16.53 1.94 -0.36	20.05 2.10 -3.49	21.05 2.20 -3.46	23.01 2.33 -4.39	23.49 2.24 -4.76	24.05 2.39 -4.36	25.95 2.57 -5.03	27.06 2.80 -4.08	36.50 3.02 -12.96	38.95 3.05 -15.27	45.59 3.57 -18.57	53.31 3.73 -24.69	41.36 3.68 -13.80	36.67 3.34 -10.94	44.50 2.82 -21.93	24.08 2.36 -4.85	22.91 2.19 -5.27	20.73 2.22 -3.73
HOLTSVILLE_IC_3 23692	16.11 1.96 -0.12	14.62 1.75 -0.01	13.97 1.60 -0.01	13.33 1.47 0.00	13.31 1.51 -0.01	14.13 1.63 -0.01	16.53 1.94 -0.36	20.05 2.10 -3.49	21.05 2.20 -3.46	23.01 2.33 -4.39	23.49 2.24 -4.76	24.05 2.39 -4.36	25.95 2.57 -5.03	27.06 2.80 -4.08	36.50 3.02 -12.96	38.95 3.05 -15.27	45.59 3.57 -18.57	53.31 3.73 -24.69	41.36 3.68 -13.80	36.67 3.34 -10.94	44.50 2.82 -21.93	24.08 2.36 -4.85	22.91 2.19 -5.27	20.73 2.22 -3.73
HOLTSVILLE_IC_4 23693	16.11 1.96 -0.12	14.62 1.75 -0.01	13.97 1.60 -0.01	13.33 1.47 0.00	13.31 1.51 -0.01	14.13 1.63 -0.01	16.53 1.94 -0.36	20.05 2.10 -3.49	21.05 2.20 -3.46	23.01 2.33 -4.39	23.49 2.24 -4.76	24.05 2.39 -4.36	25.95 2.57 -5.03	27.06 2.80 -4.08	36.50 3.02 -12.96	38.95 3.05 -15.27	45.59 3.57 -18.57	53.31 3.73 -24.69	41.36 3.68 -13.80	36.67 3.34 -10.94	44.50 2.82 -21.93	24.08 2.36 -4.85	22.91 2.19 -5.27	20.73 2.22 -3.73



HOLTSVILLE_IC_5 23694	16.11 1.96 -0.12	14.62 1.75 -0.01	13.97 1.60 -0.01	13.33 1.47 0.00	13.31 1.51 -0.01	14.13 1.63 -0.01	16.53 1.94 -0.36	20.05 2.10 -3.49	21.05 2.20 -3.46	23.01 2.33 -4.39	23.49 2.24 -4.76	24.05 2.39 -4.36	25.95 2.57 -5.03	27.06 2.80 -4.08	36.50 3.02 -12.96	38.95 3.05 -15.27	45.59 3.57 -18.57	53.31 3.73 -24.69	41.36 3.68 -13.80	36.67 3.34 -10.94	44.50 2.82 -21.93	24.08 2.36 -4.85	22.91 2.19 -5.27	20.73 2.22 -3.73	
HOLTSVILLE_IC_6 23695	16.21 2.06 -0.12	14.71 1.84 -0.01	14.04 1.67 -0.01	13.40 1.54 0.00	13.38 1.58 -0.01	14.20 1.71 -0.01	16.63 2.03 -0.36	20.15 2.20 -3.49	21.18 2.32 -3.46	23.14 2.46 -4.39	23.64 2.39 -4.76	24.21 2.54 -4.36	26.13 2.75 -5.03	27.24 2.99 -4.07	35.22 3.26 -11.44	37.27 3.28 -13.35	42.93 3.83 -15.64	49.65 3.98 -20.78	39.42 3.92 -11.61	35.38 3.58 -9.41	41.39 3.02 -18.62	24.23 2.51 -4.85	23.05 2.33 -5.27	20.85 2.33 -3.73	
HOLTSVILLE_IC_7 23696	16.21 2.06 -0.12	14.71 1.84 -0.01	14.04 1.67 -0.01	13.40 1.54 0.00	13.38 1.58 -0.01	14.20 1.71 -0.01	16.63 2.03 -0.36	20.15 2.20 -3.49	21.18 2.32 -3.46	23.14 2.46 -4.39	23.64 2.39 -4.76	24.21 2.54 -4.36	26.13 2.75 -5.03	27.24 2.99 -4.07	35.22 3.26 -11.44	37.27 3.28 -13.35	42.93 3.83 -15.64	49.65 3.98 -20.78	39.42 3.92 -11.61	35.38 3.58 -9.41	41.39 3.02 -18.62	24.23 2.51 -4.85	23.05 2.33 -5.27	20.85 2.33 -3.73	
HOLTSVILLE_IC_8 23697	16.21 2.06 -0.12	14.71 1.84 -0.01	14.04 1.67 -0.01	13.40 1.54 0.00	13.38 1.58 -0.01	14.20 1.71 -0.01	16.63 2.03 -0.36	20.15 2.20 -3.49	21.18 2.32 -3.46	23.14 2.46 -4.39	23.64 2.39 -4.76	24.21 2.54 -4.36	26.13 2.75 -5.03	27.24 2.99 -4.07	35.22 3.26 -11.44	37.27 3.28 -13.35	42.93 3.83 -15.64	49.65 3.98 -20.78	39.42 3.92 -11.61	35.38 3.58 -9.41	41.39 3.02 -18.62	24.23 2.51 -4.85	23.05 2.33 -5.27	20.85 2.33 -3.73	
HOLTSVILLE_IC_9 23698	16.21 2.06 -0.12	14.71 1.84 -0.01	14.04 1.67 -0.01	13.40 1.54 0.00	13.38 1.58 -0.01	14.20 1.71 -0.01	16.63 2.03 -0.36	20.15 2.20 -3.49	21.18 2.32 -3.46	23.14 2.46 -4.39	23.64 2.39 -4.76	24.21 2.54 -4.36	26.13 2.75 -5.03	27.24 2.99 -4.07	35.22 3.26 -11.44	37.27 3.28 -13.35	42.93 3.83 -15.64	49.65 3.98 -20.78	39.42 3.92 -11.61	35.38 3.58 -9.41	41.39 3.02 -18.62	24.23 2.51 -4.85	23.05 2.33 -5.27	20.85 2.33 -3.73	
HOWARD_WT_PWR 323690	14.25 0.22 0.00	13.17 0.31 0.00	12.53 0.17 0.00	12.04 0.18 0.00	11.99 0.20 0.00	12.88 0.40 0.00	14.73 0.50 0.00	15.41 0.94 0.00	17.20 1.17 -0.63	18.51 1.43 -0.79	20.49 1.62 -2.38	22.13 1.57 -3.25	23.26 1.65 -3.26	23.80 1.67 -1.95	24.34 1.70 -2.11	24.29 1.59 -2.07	27.24 1.78 -1.99	28.77 1.57 -2.31	26.93 1.43 -1.61	23.72 1.12 -0.21	21.07 1.32 0.00	18.07 1.20 0.00	16.35 0.91 0.00	15.55 0.77 0.00	
HQ_GEN_CEDARS 23644	12.17 -0.69 1.17	11.93 -0.66 0.28	10.94 -0.62 0.80	10.91 -0.58 0.37	11.25 -0.54 0.00	11.91 -0.57 0.00	13.58 -0.65 0.00	13.85 -0.62 0.00	14.73 -0.66 0.00	15.56 -0.73 0.00	15.68 -0.81 0.00	16.42 -0.88 0.00	16.88 -1.05 0.43	16.88 -1.11 2.19	16.88 -1.07 2.57	15.65 -1.07 3.91	16.88 -1.07 5.25	16.88 -1.34 6.62	16.88 -1.39 5.67	16.88 -1.34 4.39	16.88 -1.12 1.82	16.88 -1.05 0.00	16.10 -0.78 0.00	14.73 -0.71 0.00	14.10 -0.68 0.00
HQ_GEN_CEDARS_PROXY 323590	12.17 -0.69 1.17	11.93 -0.66 0.28	10.94 -0.62 0.80	10.91 -0.58 0.37	11.25 -0.54 0.00	11.91 -0.57 0.00	13.58 -0.65 0.00	13.85 -0.62 0.00	14.73 -0.66 0.00	15.56 -0.73 0.00	15.68 -0.81 0.00	16.42 -0.88 0.00	16.88 -1.05 0.43	16.88 -1.11 2.19	16.88 -1.07 2.57	15.65 -1.07 3.91	16.88 -1.07 5.25	16.88 -1.34 6.62	16.88 -1.39 5.67	16.88 -1.34 4.39	16.88 -1.12 1.82	16.88 -1.05 0.00	16.10 -0.78 0.00	14.73 -0.71 0.00	14.10 -0.68 0.00
HQ_GEN_IMPORT 323601	13.31 -0.42 0.30	12.41 -0.39 0.07	11.79 -0.37 0.20	11.41 -0.36 0.09	11.45 -0.34 0.00	12.12 -0.36 0.00	13.82 -0.41 0.00	14.03 -0.43 0.00	14.92 -0.48 0.00	15.76 -0.54 0.00	15.93 -0.56 0.00	16.68 -0.62 0.00	17.58 -0.66 0.11	18.90 -0.73 0.56	19.12 -0.74 0.66	18.89 -0.74 1.00	21.26 -0.84 1.35	22.31 -0.87 1.71	21.59 -0.84 1.46	20.49 -0.76 1.13	18.58 -0.69 0.47	16.28 -0.59 0.00	14.95 -0.49 0.00	14.34 -0.44 0.00	
HQ_GEN_WHEEL 23651	13.31 -0.42 0.30	12.41 -0.39 0.07	11.79 -0.37 0.20	11.41 -0.36 0.09	11.45 -0.34 0.00	12.12 -0.36 0.00	13.82 -0.41 0.00	14.03 -0.43 0.00	14.92 -0.48 0.00	15.76 -0.54 0.00	15.93 -0.56 0.00	16.68 -0.62 0.00	17.58 -0.66 0.11	18.90 -0.73 0.56	19.12 -0.74 0.66	18.89 -0.74 1.00	21.26 -0.84 1.35	22.31 -0.87 1.71	21.59 -0.84 1.46	20.49 -0.76 1.13	18.58 -0.69 0.47	16.28 -0.59 0.00	14.95 -0.49 0.00	14.34 -0.44 0.00	
HUDSON_AVE_GT_3 23810	15.49 1.46 0.00	14.11 1.25 0.00	13.56 1.20 0.00	13.00 1.14 0.00	12.89 1.10 0.00	13.64 1.16 0.00	15.64 1.41 0.00	16.06 1.59 0.00	17.12 1.71 -0.02	18.66 1.81 -0.56	18.64 1.80 -0.36	19.57 1.94 -0.33	20.80 2.07 -0.38	22.73 2.24 -0.31	23.10 2.32 -0.26	23.23 2.35 -0.25	26.13 2.65 -0.02	27.70 2.81 0.00	26.66 2.77 0.00	24.98 2.60 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02	
HUDSON_AVE_GT_4 23540	15.49 1.46 0.00	14.11 1.25 0.00	13.56 1.20 0.00	13.00 1.14 0.00	12.89 1.10 0.00	13.64 1.16 0.00	15.64 1.41 0.00	16.06 1.59 0.00	17.12 1.71 -0.02	18.66 1.81 -0.56	18.64 1.80 -0.36	19.57 1.94 -0.33	20.80 2.07 -0.38	22.73 2.24 -0.31	23.10 2.32 -0.26	23.23 2.35 -0.25	26.13 2.65 -0.02	27.70 2.81 0.00	26.66 2.77 0.00	24.98 2.60 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02	
HUDSON_AVE_GT_5 23657	15.49 1.46 0.00	14.11 1.25 0.00	13.56 1.20 0.00	13.00 1.14 0.00	12.89 1.10 0.00	13.64 1.16 0.00	15.64 1.41 0.00	16.06 1.59 0.00	17.12 1.71 -0.02	18.66 1.81 -0.56	18.64 1.80 -0.36	19.57 1.94 -0.33	20.80 2.07 -0.38	22.73 2.24 -0.31	23.10 2.32 -0.26	23.23 2.35 -0.25	26.13 2.65 -0.02	27.70 2.81 0.00	26.66 2.77 0.00	24.98 2.60 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02	
HUDSON_AVE_10 24168	15.45 1.42 0.00	14.07 1.21 0.00	13.51 1.15 0.00	12.95 1.09 0.00	12.85 1.06 0.00	13.59 1.11 0.00	15.60 1.37 0.00	16.00 1.53 0.00	17.04 1.63 -0.02	18.56 1.71 -0.56	18.54 1.70 -0.36	19.47 1.83 -0.33	20.71 1.98 -0.38	22.63 2.14 -0.31	22.98 2.20 -0.26	23.13 2.25 -0.25	26.01 2.53 -0.02	27.60 2.71 0.00	26.56 2.67 0.00	24.92 2.53 0.00	21.84 2.09 0.00	18.61 1.74 0.00	17.10 1.65 0.00	16.44 1.64 -0.02	
HUNTER_MOUNT___DRP 323613	15.25 1.22 0.00	13.93 1.07 0.00	13.37 1.01 0.00	12.85 0.98 0.00	12.73 0.94 0.00	13.43 0.95 0.00	15.36 1.12 0.00	15.68 1.22 0.00	16.67 1.28 0.00	17.66 1.37 0.00	17.84 1.35 0.00	18.79 1.49 0.00	19.97 1.62 0.00	21.94 1.75 0.00	22.26 1.74 0.00	22.43 1.79 0.00	25.50 2.04 0.00	27.21 2.32 0.00	26.09 2.20 0.00	24.47 2.08 0.00	21.46 1.72 0.00	18.37 1.50 0.00	16.80 1.36 0.00	16.02 1.24 0.00	



HUNTINGTON_RES_REC 323705	16.04 1.89 -0.11	14.53 1.66 -0.01	13.84 1.47 -0.01	13.21 1.35 0.00	13.20 1.40 -0.01	14.02 1.53 -0.01	16.44 1.85 -0.36	19.98 2.03 -3.48	20.99 2.14 -3.45	22.98 2.30 -4.39	23.45 2.21 -4.76	24.00 2.34 -4.36	25.89 2.51 -5.02	27.04 2.79 -4.07	30.97 2.91 -7.53	32.02 2.95 -8.44	35.02 3.43 -8.13	39.26 3.63 -10.73	33.46 3.56 -6.01	31.06 3.20 -5.47	32.61 2.74 -10.12	24.01 2.29 -4.84	22.86 2.15 -5.27	20.65 2.14 -3.73
HUNTLEY___63 23557	13.78 -0.25 0.00	12.80 -0.06 0.00	12.14 -0.22 0.00	11.64 -0.23 0.00	11.59 -0.20 0.00	12.54 0.06 0.00	14.29 0.06 0.00	14.97 0.51 0.00	14.10 0.75 2.05	22.51 1.09 -5.12	10.17 1.35 7.67	8.17 1.31 10.45	9.28 1.39 10.47	34.43 1.37 -12.88	35.95 1.40 -14.03	35.57 1.20 -13.74	37.96 1.29 -13.20	40.85 0.87 -15.09	34.86 0.67 -10.31	24.03 0.34 -1.31	20.50 0.75 0.00	17.58 0.71 0.00	15.83 0.39 0.00	14.99 0.21 0.00
HUNTLEY___64 23558	13.78 -0.25 0.00	12.80 -0.06 0.00	12.14 -0.22 0.00	11.64 -0.23 0.00	11.59 -0.20 0.00	12.54 0.06 0.00	14.29 0.06 0.00	14.97 0.51 0.00	14.10 0.75 2.05	22.51 1.09 -5.12	10.17 1.35 7.67	8.17 1.31 10.45	9.28 1.39 10.47	34.43 1.37 -12.88	35.95 1.40 -14.03	35.57 1.20 -13.74	37.96 1.29 -13.20	40.85 0.87 -15.09	34.86 0.67 -10.31	24.03 0.34 -1.31	20.50 0.75 0.00	17.58 0.71 0.00	15.83 0.39 0.00	14.99 0.21 0.00
HUNTLEY___65 23559	13.78 -0.25 0.00	12.80 -0.06 0.00	12.14 -0.22 0.00	11.64 -0.23 0.00	11.59 -0.20 0.00	12.54 0.06 0.00	14.29 0.06 0.00	14.97 0.51 0.00	14.10 0.75 2.05	22.51 1.09 -5.12	10.17 1.35 7.67	8.17 1.31 10.45	9.28 1.39 10.47	34.43 1.37 -12.88	35.95 1.40 -14.03	35.57 1.20 -13.74	37.96 1.29 -13.20	40.85 0.87 -15.09	34.86 0.67 -10.31	24.03 0.34 -1.31	20.50 0.75 0.00	17.58 0.71 0.00	15.83 0.39 0.00	14.99 0.21 0.00
HUNTLEY___66 23560	13.78 -0.25 0.00	12.80 -0.06 0.00	12.14 -0.22 0.00	11.64 -0.23 0.00	11.59 -0.20 0.00	12.54 0.06 0.00	14.29 0.06 0.00	14.97 0.51 0.00	14.10 0.75 2.05	22.51 1.09 -5.12	10.17 1.35 7.67	8.17 1.31 10.45	9.28 1.39 10.47	34.43 1.37 -12.88	35.95 1.40 -14.03	35.57 1.20 -13.74	37.96 1.29 -13.20	40.85 0.87 -15.09	34.86 0.67 -10.31	24.03 0.34 -1.31	20.50 0.75 0.00	17.58 0.71 0.00	15.83 0.39 0.00	14.99 0.21 0.00
HUNTLEY___67 23561	13.75 -0.28 0.00	12.79 -0.08 0.00	12.13 -0.24 0.00	11.64 -0.23 0.00	11.59 -0.20 0.00	12.51 0.03 0.00	14.23 0.00 0.00	14.86 0.39 0.00	18.37 0.60 -2.37	21.10 0.90 -3.91	26.61 1.14 -8.99	30.69 1.12 -12.26	31.83 1.19 -12.28	31.07 1.17 -9.72	32.24 1.17 -10.55	31.95 0.99 -10.33	34.44 1.06 -9.92	36.67 0.67 -11.11	31.72 0.45 -7.38	23.38 0.16 -0.83	20.38 0.63 0.00	17.48 0.61 0.00	15.78 0.34 0.00	14.94 0.16 0.00
HUNTLEY___68 23562	13.75 -0.28 0.00	12.79 -0.08 0.00	12.13 -0.24 0.00	11.64 -0.23 0.00	11.59 -0.20 0.00	12.51 0.03 0.00	14.23 0.00 0.00	14.86 0.39 0.00	18.37 0.60 -2.37	21.10 0.90 -3.91	26.61 1.14 -8.99	30.69 1.12 -12.26	31.83 1.19 -12.28	31.07 1.17 -9.72	32.24 1.17 -10.55	31.95 0.99 -10.33	34.44 1.06 -9.92	36.67 0.67 -11.11	31.72 0.45 -7.38	23.38 0.16 -0.83	20.38 0.63 0.00	17.48 0.61 0.00	15.78 0.34 0.00	14.94 0.16 0.00
HYLAND___LFGE 323620	14.42 0.39 0.00	13.30 0.44 0.00	12.66 0.30 0.00	12.12 0.26 0.00	12.08 0.29 0.00	12.86 0.37 0.00	14.80 0.57 0.00	15.42 0.95 0.00	16.90 1.17 -0.33	18.27 1.48 -0.49	19.42 1.68 -1.25	20.12 1.11 -1.71	21.29 1.23 -1.71	23.18 1.78 -1.23	23.47 1.62 -1.33	23.51 1.59 -1.29	26.48 1.78 -1.23	28.12 1.79 -1.44	26.37 1.48 -1.00	23.73 1.21 -0.14	21.21 1.46 0.00	18.51 1.64 0.00	16.66 1.22 0.00	15.74 0.96 0.00
INDECK___CORINTH 23802	15.07 0.98 -0.06	13.71 0.84 -0.01	13.18 0.78 -0.04	12.64 0.76 -0.02	12.58 0.79 0.00	13.32 0.84 0.00	15.09 0.85 0.00	15.41 0.94 0.00	16.40 1.00 0.00	17.35 1.06 0.00	17.33 0.84 0.00	18.22 0.92 0.00	19.36 0.99 -0.02	21.40 1.11 -0.11	21.63 0.98 -0.12	21.79 0.97 -0.19	25.01 1.29 -0.25	26.91 1.69 -0.32	25.81 1.65 -0.28	24.39 1.79 -0.21	21.24 1.40 -0.09	17.98 1.11 0.00	16.46 1.02 0.00	15.67 0.89 0.00
INDECK___ILION 23567	14.39 0.31 -0.06	13.15 0.27 -0.01	12.66 0.26 -0.04	12.13 0.25 -0.02	12.02 0.24 0.00	12.74 0.26 0.00	14.53 0.30 0.00	14.77 0.30 0.00	15.72 0.32 0.00	16.65 0.36 0.00	16.85 0.36 0.00	17.69 0.38 0.00	18.78 0.40 -0.02	20.69 0.40 -0.10	21.09 0.45 -0.12	21.27 0.45 -0.18	24.27 0.56 -0.25	25.75 0.55 -0.31	24.71 0.55 -0.27	23.13 0.54 -0.21	20.25 0.42 -0.09	17.21 0.34 0.00	15.74 0.29 0.00	15.08 0.30 0.00
INDECK___OLEAN 23982	14.37 0.34 0.00	13.30 0.44 0.00	12.63 0.27 0.00	12.11 0.25 0.00	12.07 0.28 0.00	13.07 0.59 0.00	14.90 0.67 0.00	15.60 1.13 0.00	18.25 1.43 -1.42	20.01 1.69 -2.02	23.84 1.99 -5.36	26.60 1.99 -7.31	27.77 2.09 -7.32	27.22 2.04 -5.01	27.95 1.99 -5.44	27.81 1.86 -5.32	30.64 2.07 -5.11	32.50 1.77 -5.85	29.46 1.58 -3.99	24.07 1.19 -0.50	21.34 1.60 0.00	18.24 1.37 0.00	16.45 1.00 0.00	15.59 0.81 0.00
INDECK___OSWEGO 23783	13.92 -0.11 0.00	12.78 -0.09 0.00	12.25 -0.11 0.00	11.77 -0.10 0.00	11.68 -0.11 0.00	12.38 -0.10 0.00	14.15 -0.08 0.00	14.28 -0.19 0.00	15.21 -0.18 0.00	16.15 -0.15 0.00	16.39 -0.10 0.00	17.20 -0.10 0.00	18.22 -0.13 0.00	20.04 -0.14 0.00	20.38 -0.14 0.00	20.47 -0.17 0.00	23.27 -0.19 0.00	24.64 -0.25 0.00	23.63 -0.26 0.00	22.14 -0.25 0.00	19.59 -0.16 0.00	16.74 -0.14 0.00	15.26 -0.18 0.00	14.57 -0.21 0.00
INDECK___YERKES 23781	13.79 -0.24 0.00	12.81 -0.05 0.00	12.14 -0.22 0.00	11.65 -0.21 0.00	11.60 -0.19 0.00	12.56 0.08 0.00	14.30 0.07 0.00	14.99 0.52 0.00	14.11 0.77 2.05	22.52 1.11 -5.12	10.18 1.37 7.67	8.21 1.35 10.45	9.30 1.41 10.47	34.45 1.39 -12.88	35.97 1.41 -14.03	35.59 1.22 -13.74	37.98 1.31 -13.20	40.88 0.89 -15.09	34.89 0.69 -10.31	24.05 0.36 -1.31	20.51 0.77 0.00	17.60 0.72 0.00	15.84 0.40 0.00	15.00 0.22 0.00
INDIAN POINT_GT_1 24139	15.27 1.24 0.00	13.95 1.08 0.00	13.39 1.03 0.00	12.85 0.98 0.00	12.73 0.94 0.00	13.47 0.99 0.00	15.41 1.18 0.00	15.80 1.33 0.00	16.83 1.43 0.00	17.79 1.50 0.00	17.99 1.50 0.00	18.93 1.63 0.00	20.10 1.74 0.00	22.08 1.90 0.00	22.45 1.93 0.00	22.61 1.98 0.00	25.69 2.23 0.00	27.28 2.39 0.00	26.23 2.34 0.00	24.60 2.22 0.00	21.58 1.84 0.00	18.41 1.54 0.00	16.86 1.42 0.00	16.22 1.43 0.00
INDIAN POINT_GT_2 23659	15.27 1.24 0.00	13.95 1.08 0.00	13.39 1.03 0.00	12.85 0.98 0.00	12.73 0.94 0.00	13.47 0.99 0.00	15.41 1.18 0.00	15.80 1.33 0.00	16.83 1.43 0.00	17.79 1.50 0.00	17.99 1.50 0.00	18.93 1.63 0.00	20.10 1.74 0.00	22.08 1.90 0.00	22.45 1.93 0.00	22.61 1.98 0.00	25.69 2.23 0.00	27.28 2.39 0.00	26.23 2.34 0.00	24.60 2.22 0.00	21.58 1.84 0.00	18.41 1.54 0.00	16.86 1.42 0.00	16.22 1.43 0.00



INDIAN POINT_GT_3 24019	15.27 1.24 0.00	13.95 1.08 0.00	13.39 1.03 0.00	12.85 0.98 0.00	12.73 0.94 0.00	13.47 0.99 0.00	15.41 1.18 0.00	15.80 1.33 0.00	16.83 1.43 0.00	17.79 1.50 0.00	17.99 1.50 0.00	18.93 1.63 0.00	20.10 1.74 0.00	22.08 1.90 0.00	22.45 1.93 0.00	22.61 1.98 0.00	25.69 2.23 0.00	27.28 2.39 0.00	26.23 2.34 0.00	24.60 2.22 0.00	21.58 1.84 0.00	18.41 1.54 0.00	16.86 1.42 0.00	16.22 1.43 0.00
INDIAN POINT___2 23530	15.25 1.22 0.00	13.92 1.06 0.00	13.37 1.01 0.00	12.82 0.96 0.00	12.72 0.93 0.00	13.46 0.97 0.00	15.40 1.17 0.00	15.78 1.32 0.00	16.81 1.42 0.00	17.78 1.48 0.00	17.97 1.48 0.00	18.90 1.59 0.00	20.08 1.72 0.00	22.04 1.86 0.00	22.43 1.91 0.00	22.59 1.96 0.00	25.65 2.18 0.00	27.23 2.34 0.00	26.21 2.32 0.00	24.56 2.17 0.00	21.54 1.80 0.00	18.39 1.52 0.00	16.85 1.41 0.00	16.20 1.42 0.00
INDIAN POINT___3 23531	15.18 1.15 0.00	13.87 1.00 0.00	13.31 0.95 0.00	12.78 0.91 0.00	12.67 0.88 0.00	13.41 0.92 0.00	15.33 1.10 0.00	15.71 1.24 0.00	16.73 1.34 0.00	17.69 1.40 0.00	17.89 1.40 0.00	18.81 1.50 0.00	19.99 1.63 0.00	21.94 1.75 0.00	22.33 1.81 0.00	22.49 1.86 0.00	25.55 2.09 0.00	27.11 2.21 0.00	26.09 2.20 0.00	24.45 2.06 0.00	21.44 1.70 0.00	18.30 1.43 0.00	16.77 1.33 0.00	16.14 1.36 0.00
IP CORINTH___1 23988	15.15 1.07 -0.06	13.79 0.91 -0.01	13.25 0.85 -0.04	12.71 0.83 -0.02	12.65 0.86 0.00	13.38 0.90 0.00	15.16 0.92 0.00	15.49 1.03 0.00	16.49 1.09 0.00	17.45 1.16 0.00	17.43 0.94 0.00	18.33 1.02 0.00	19.47 1.10 -0.02	21.52 1.23 -0.11	21.75 1.11 -0.12	21.94 1.11 -0.19	25.17 1.46 -0.25	27.05 1.84 -0.32	25.96 1.79 -0.28	24.50 1.90 -0.21	21.35 1.52 -0.09	18.09 1.22 0.00	16.56 1.11 0.00	15.74 0.96 0.00
IP___TICONDEROGA 23804	15.62 1.53 -0.06	14.16 1.29 -0.01	13.61 1.21 -0.04	13.04 1.16 -0.02	13.00 1.21 0.00	13.79 1.31 0.00	15.64 1.41 0.00	16.04 1.58 0.00	17.10 1.71 0.00	18.12 1.82 0.00	18.10 1.62 0.00	19.02 1.71 0.00	20.23 1.85 -0.02	22.29 2.00 -0.11	22.60 1.95 -0.12	22.82 2.00 -0.19	26.34 2.63 -0.25	28.12 2.91 -0.32	27.00 2.84 -0.27	25.53 2.93 -0.21	22.18 2.35 -0.09	18.73 1.86 0.00	17.13 1.68 0.00	16.23 1.45 0.00
ISLIP_RES_REC 323679	16.31 2.16 -0.12	14.79 1.92 -0.01	14.11 1.74 -0.01	13.47 1.61 0.00	13.45 1.65 -0.01	14.30 1.81 -0.01	16.74 2.15 -0.36	20.28 2.33 -3.49	21.31 2.46 -3.46	23.29 2.61 -4.39	23.82 2.57 -4.76	24.40 2.73 -4.36	26.33 2.96 -5.03	27.46 3.21 -4.07	34.96 3.55 -10.89	36.87 3.57 -12.66	42.18 4.13 -14.59	48.54 4.28 -19.37	38.95 4.23 -10.83	35.12 3.87 -8.86	40.43 3.26 -17.43	24.43 2.72 -4.85	23.20 2.49 -5.27	21.01 2.50 -3.73
JARVIS____ 23743	14.21 0.13 -0.06	12.99 0.12 -0.01	12.51 0.11 -0.04	11.99 0.11 -0.02	11.89 0.11 0.00	12.59 0.11 0.00	14.36 0.13 0.00	14.60 0.13 0.00	15.53 0.14 0.00	16.44 0.15 0.00	16.65 0.16 0.00	17.48 0.17 0.00	18.56 0.18 -0.02	20.47 0.18 -0.10	20.87 0.23 -0.12	21.04 0.23 -0.18	23.97 0.26 -0.25	25.45 0.25 -0.31	24.42 0.26 -0.27	22.84 0.25 -0.21	20.03 0.20 -0.09	17.04 0.17 0.00	15.58 0.14 0.00	14.91 0.13 0.00
JENNISON___1 23625	14.72 0.69 0.00	13.47 0.60 0.00	12.90 0.54 0.00	12.38 0.52 0.00	12.32 0.53 0.00	13.12 0.64 0.00	15.06 0.83 0.00	15.44 0.97 0.00	16.51 1.06 -0.05	17.63 1.17 -0.16	17.88 1.20 -0.19	18.84 1.28 -0.26	19.95 1.34 -0.26	21.97 1.39 -0.40	22.43 1.48 -0.43	22.52 1.47 -0.43	25.56 1.69 -0.41	27.14 1.77 -0.48	25.91 1.67 -0.35	24.00 1.57 -0.05	21.23 1.48 0.00	18.12 1.25 0.00	16.43 0.99 0.00	15.65 0.87 0.00
JENNISON___2 23626	14.72 0.69 0.00	13.47 0.60 0.00	12.90 0.54 0.00	12.38 0.52 0.00	12.32 0.53 0.00	13.12 0.64 0.00	15.06 0.83 0.00	15.44 0.97 0.00	16.51 1.06 -0.05	17.63 1.17 -0.16	17.88 1.20 -0.19	18.84 1.28 -0.26	19.95 1.34 -0.26	21.97 1.39 -0.40	22.43 1.48 -0.43	22.52 1.47 -0.43	25.56 1.69 -0.41	27.14 1.77 -0.48	25.91 1.67 -0.35	24.00 1.57 -0.05	21.23 1.48 0.00	18.12 1.25 0.00	16.43 0.99 0.00	15.65 0.87 0.00
JERICHO_RISE_WT_PWR 323719	12.18 -0.63 1.22	11.98 -0.59 0.29	10.97 -0.56 0.84	10.94 -0.53 0.39	11.29 -0.49 0.00	11.97 -0.51 0.00	13.65 -0.58 0.00	13.93 -0.53 0.00	14.84 -0.55 0.00	15.69 -0.60 0.00	15.81 -0.68 0.00	16.54 -0.76 0.00	17.08 -0.83 0.45	16.92 -0.97 2.29	16.83 -1.01 2.69	15.55 -0.99 4.09	16.92 -1.06 5.48	16.90 -1.07 6.92	16.91 -1.05 5.93	16.75 -1.05 4.59	16.88 -0.97 1.90	16.03 -0.84 0.00	14.67 -0.77 0.00	14.03 -0.75 0.00
KCE_NY_1 323755	15.24 1.15 -0.06	13.88 1.00 -0.01	13.36 0.96 -0.04	12.81 0.93 -0.02	12.73 0.94 0.00	13.47 0.99 0.00	15.26 1.03 0.00	15.57 1.10 0.00	16.55 1.16 0.00	17.52 1.22 0.00	17.64 1.15 0.00	18.53 1.23 0.00	19.71 1.34 -0.02	21.76 1.47 -0.11	22.08 1.44 -0.12	22.24 1.42 -0.19	25.45 1.74 -0.25	27.17 1.97 -0.32	26.07 1.91 -0.27	24.55 1.95 -0.21	21.41 1.58 -0.09	18.15 1.28 0.00	16.63 1.19 0.00	15.86 1.08 0.00
KEDC PORT_JEFF_GT2 24210	16.21 2.06 -0.12	14.71 1.84 -0.01	14.03 1.66 -0.01	13.39 1.53 0.00	13.38 1.58 -0.01	14.21 1.72 -0.01	16.63 2.03 -0.36	20.17 2.21 -3.49	21.18 2.32 -3.46	23.16 2.48 -4.39	23.65 2.41 -4.76	24.23 2.56 -4.36	26.15 2.77 -5.02	27.26 3.01 -4.07	35.16 3.26 -11.38	37.02 3.12 -13.28	42.64 3.66 -15.52	49.32 3.81 -20.62	39.19 3.77 -11.53	35.16 3.43 -9.35	41.23 3.00 -18.48	24.21 2.50 -4.85	23.03 2.32 -5.27	20.85 2.33 -3.73
KEDC PORT_JEFF_GT3 24211	16.21 2.06 -0.12	14.71 1.84 -0.01	14.03 1.66 -0.01	13.39 1.53 0.00	13.38 1.58 -0.01	14.21 1.72 -0.01	16.63 2.03 -0.36	20.17 2.21 -3.49	21.18 2.32 -3.46	23.16 2.48 -4.39	23.65 2.41 -4.76	24.23 2.56 -4.36	26.15 2.77 -5.02	27.26 3.01 -4.07	35.16 3.26 -11.38	37.02 3.12 -13.28	42.64 3.66 -15.52	49.32 3.81 -20.62	39.19 3.77 -11.53	35.16 3.43 -9.35	41.23 3.00 -18.48	24.21 2.50 -4.85	23.03 2.32 -5.27	20.85 2.33 -3.73
KEDC_GLWD_GT4 24219	15.68 1.54 -0.11	14.23 1.36 0.00	13.62 1.26 0.00	13.04 1.17 0.00	12.97 1.18 0.00	13.74 1.26 0.00	16.09 1.51 -0.35	19.64 1.69 -3.49	20.66 1.82 -3.45	22.59 1.92 -4.38	23.16 1.93 -4.75	23.73 2.08 -4.35	25.59 2.22 -5.02	26.64 2.40 -4.06	26.60 2.46 -3.62	26.64 2.50 -3.51	26.74 2.67 -0.61	28.40 2.84 -0.67	27.05 2.77 -0.39	26.64 2.73 -1.52	23.63 2.29 -1.60	23.63 1.92 -4.83	22.51 1.81 -5.26	20.31 1.80 -3.72
KEDC_GLWD_GT5 24220	15.68 1.54 -0.11	14.23 1.36 0.00	13.62 1.26 0.00	13.04 1.17 0.00	12.97 1.18 0.00	13.74 1.26 0.00	16.09 1.51 -0.35	19.64 1.69 -3.49	20.66 1.82 -3.45	22.59 1.92 -4.38	23.16 1.93 -4.75	23.73 2.08 -4.35	25.59 2.22 -5.02	26.64 2.40 -4.06	26.60 2.46 -3.62	26.64 2.50 -3.51	26.74 2.67 -0.61	28.40 2.84 -0.67	27.05 2.77 -0.39	26.64 2.73 -1.52	23.63 2.29 -1.60	23.63 1.92 -4.83	22.51 1.81 -5.26	20.31 1.80 -3.72



KENSICO____ 23655	15.32 1.29 0.00	13.98 1.12 0.00	13.44 1.07 0.00	12.88 1.02 0.00	12.78 0.99 0.00	13.52 1.04 0.00	15.47 1.24 0.00	15.87 1.40 0.00	16.89 1.49 0.00	17.87 1.58 0.00	18.07 1.58 0.00	19.00 1.70 0.00	20.19 1.84 0.00	22.16 1.98 0.00	22.55 2.03 0.00	22.72 2.08 0.00	25.81 2.35 0.00	27.38 2.49 0.00	26.35 2.46 0.00	24.69 2.31 0.00	21.66 1.91 0.00	18.47 1.60 0.00	16.94 1.50 0.00	16.29 1.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	15.14 1.11 0.00	13.82 0.95 0.00	13.28 0.91 0.00	12.74 0.88 0.00	12.61 0.82 0.00	13.34 0.86 0.00	15.28 1.05 0.00	15.65 1.19 0.00	16.67 1.28 0.00	17.61 1.32 0.00	17.77 1.29 0.00	18.72 1.42 0.00	19.87 1.52 0.00	21.78 1.59 0.00	22.24 1.72 0.00	22.45 1.82 0.00	25.50 2.04 0.00	27.06 2.16 0.00	26.06 2.17 0.00	24.45 2.06 0.00	21.38 1.64 0.00	18.25 1.38 0.00	16.71 1.27 0.00	16.07 1.29 0.00
KIAC_JFK_GT1 23816	15.43 1.40 0.00	14.04 1.17 0.00	13.47 1.11 0.00	12.93 1.07 0.00	12.81 1.03 0.00	13.57 1.09 0.00	15.61 1.38 0.00	15.96 1.49 0.00	16.97 1.55 -0.02	18.47 1.61 -0.56	18.41 1.57 -0.36	19.33 1.70 -0.33	20.55 1.82 -0.38	22.49 2.00 -0.31	22.79 2.01 -0.26	22.94 2.06 -0.25	25.80 2.32 -0.02	27.50 2.61 0.00	26.49 2.60 0.00	24.89 2.51 0.00	21.82 2.07 0.00	18.56 1.69 0.00	17.13 1.68 0.00	16.35 1.55 -0.02
KIAC_JFK_GT2 23817	15.43 1.40 0.00	14.04 1.17 0.00	13.47 1.11 0.00	12.93 1.07 0.00	12.81 1.03 0.00	13.57 1.09 0.00	15.61 1.38 0.00	15.96 1.49 0.00	16.97 1.55 -0.02	18.47 1.61 -0.56	18.41 1.57 -0.36	19.33 1.70 -0.33	20.55 1.82 -0.38	22.49 2.00 -0.31	22.79 2.01 -0.26	22.94 2.06 -0.25	25.80 2.32 -0.02	27.50 2.61 0.00	26.49 2.60 0.00	24.89 2.51 0.00	21.82 2.07 0.00	18.56 1.69 0.00	17.13 1.68 0.00	16.35 1.55 -0.02
KINTIGH____ 23543	13.62 -0.41 0.00	12.63 -0.23 0.00	12.01 -0.35 0.00	11.53 -0.33 0.00	11.47 -0.32 0.00	12.29 -0.19 0.00	14.00 -0.23 0.00	14.50 0.03 0.00	15.19 0.15 0.36	15.79 0.38 0.88	15.69 0.58 1.37	15.98 0.55 1.88	17.06 0.59 1.88	18.63 0.63 2.18	18.74 0.60 2.37	18.75 0.45 2.33	21.72 0.49 2.24	22.45 0.18 2.62	22.07 0.02 1.84	21.96 -0.18 0.25	19.96 0.22 0.00	17.12 0.25 0.00	15.51 0.06 0.00	14.71 -0.07 0.00
LEDERLE____ 23769	15.27 1.24 0.00	13.93 1.07 0.00	13.37 1.01 0.00	12.84 0.97 0.00	12.73 0.94 0.00	13.47 0.99 0.00	15.40 1.17 0.00	15.81 1.35 0.00	16.84 1.45 0.00	17.81 1.52 0.00	18.02 1.53 0.00	18.95 1.64 0.00	20.13 1.78 0.00	22.10 1.92 0.00	22.49 1.97 0.00	22.63 2.00 0.00	25.72 2.25 0.00	27.30 2.41 0.00	26.28 2.39 0.00	24.63 2.24 0.00	21.60 1.86 0.00	18.42 1.55 0.00	16.88 1.44 0.00	16.23 1.45 0.00
LINDEN COGEN____ 23786	15.43 1.40 0.00	14.06 1.20 0.00	13.52 1.16 0.00	12.97 1.10 0.00	12.85 1.06 0.00	13.59 1.11 0.00	15.56 1.32 0.00	15.97 1.50 0.00	17.03 1.62 -0.02	18.56 1.71 -0.56	18.54 1.70 -0.36	19.47 1.83 -0.33	20.71 1.98 -0.38	22.61 2.12 -0.31	22.98 2.20 -0.26	23.13 2.25 -0.25	26.01 2.53 -0.02	27.56 2.66 0.00	26.52 2.63 0.00	24.87 2.48 0.00	21.80 2.05 0.00	18.57 1.70 0.00	17.05 1.61 0.00	16.42 1.63 -0.02
LIPA_MISC_IPP 23656	16.21 2.06 -0.12	14.72 1.84 -0.01	14.04 1.67 -0.01	13.40 1.54 0.00	13.38 1.58 -0.01	14.20 1.71 -0.01	16.63 2.03 -0.36	20.14 2.18 -3.49	21.13 2.28 -3.46	23.09 2.41 -4.39	23.59 2.34 -4.76	24.16 2.49 -4.36	26.08 2.70 -5.03	27.20 2.95 -4.08	36.45 3.20 -12.73	38.85 3.24 -14.98	45.39 3.80 -18.12	52.95 3.96 -24.10	41.25 3.90 -13.47	36.66 3.56 -10.71	44.16 2.98 -21.43	24.20 2.48 -4.85	23.01 2.30 -5.27	20.83 2.32 -3.73
LISF____SOLAR 323691	16.25 2.10 -0.12	14.75 1.88 -0.01	14.08 1.71 -0.01	13.43 1.57 0.00	13.41 1.62 -0.01	14.24 1.75 -0.01	16.67 2.08 -0.36	20.18 2.23 -3.49	21.18 2.32 -3.46	23.12 2.44 -4.39	23.64 2.39 -4.76	24.21 2.54 -4.36	26.13 2.75 -5.03	27.28 3.03 -4.07	36.30 3.28 -12.50	38.66 3.34 -14.69	45.04 3.90 -17.68	52.46 4.06 -23.51	41.02 3.99 -13.14	36.52 3.65 -10.48	43.72 3.04 -20.93	24.25 2.53 -4.85	23.05 2.33 -5.27	20.86 2.35 -3.73
LITTLE FALLS____HYD 24013	14.62 0.53 -0.06	13.37 0.49 -0.01	12.86 0.46 -0.04	12.32 0.44 -0.02	12.21 0.42 0.00	12.93 0.45 0.00	14.74 0.51 0.00	15.00 0.54 0.00	15.98 0.58 0.00	16.93 0.63 0.00	17.11 0.63 0.00	17.96 0.66 0.00	19.05 0.68 -0.02	20.99 0.71 -0.10	21.42 0.78 -0.12	21.58 0.76 -0.18	24.65 0.94 -0.25	26.10 0.89 -0.31	25.09 0.93 -0.27	23.51 0.92 -0.21	20.54 0.71 -0.09	17.46 0.59 0.00	15.95 0.51 0.00	15.31 0.53 0.00
LI_NEWBRDGE____DRP 323616	15.72 1.59 -0.11	14.27 1.40 0.00	13.62 1.26 0.00	13.02 1.16 0.00	12.98 1.19 0.00	13.77 1.29 0.00	16.10 1.52 -0.35	19.63 1.69 -3.47	20.66 1.82 -3.44	22.58 1.91 -4.38	23.08 1.85 -4.75	23.63 1.97 -4.35	25.48 2.11 -5.01	26.50 2.26 -4.06	26.24 2.38 -3.34	26.20 2.41 -3.16	26.35 2.81 -0.07	27.83 2.99 0.05	26.81 2.94 0.02	26.29 2.66 -1.24	22.96 2.23 -0.99	23.56 1.86 -4.83	22.48 1.78 -5.26	20.30 1.80 -3.72
LOCKPORT____CC1 323769	13.71 -0.32 0.00	12.75 -0.12 0.00	12.09 -0.27 0.00	11.60 -0.26 0.00	11.55 -0.24 0.00	12.47 -0.01 0.00	14.19 -0.04 0.00	14.83 0.36 0.00	15.71 0.55 0.24	18.68 0.86 -1.53	16.71 1.10 0.88	17.21 1.11 1.20	18.32 1.18 1.20	25.18 1.17 -3.83	25.85 1.17 -4.16	25.69 0.99 -4.07	28.43 1.06 -3.91	30.16 0.65 -4.62	27.62 0.45 -3.28	22.99 0.14 -0.47	20.36 0.61 0.00	17.46 0.59 0.00	15.77 0.32 0.00	14.93 0.15 0.00
LOCKPORT____CC2 323770	13.71 -0.32 0.00	12.75 -0.12 0.00	12.09 -0.27 0.00	11.60 -0.26 0.00	11.55 -0.24 0.00	12.47 -0.01 0.00	14.19 -0.04 0.00	14.83 0.36 0.00	15.71 0.55 0.24	18.68 0.86 -1.53	16.71 1.10 0.88	17.21 1.11 1.20	18.32 1.18 1.20	25.18 1.17 -3.83	25.85 1.17 -4.16	25.69 0.99 -4.07	28.43 1.06 -3.91	30.16 0.65 -4.62	27.62 0.45 -3.28	22.99 0.14 -0.47	20.36 0.61 0.00	17.46 0.59 0.00	15.77 0.32 0.00	14.93 0.15 0.00
LOCKPORT____CC3 323771	13.71 -0.32 0.00	12.75 -0.12 0.00	12.09 -0.27 0.00	11.60 -0.26 0.00	11.55 -0.24 0.00	12.47 -0.01 0.00	14.19 -0.04 0.00	14.83 0.36 0.00	15.71 0.55 0.24	18.68 0.86 -1.53	16.71 1.10 0.88	17.21 1.11 1.20	18.32 1.18 1.20	25.18 1.17 -3.83	25.85 1.17 -4.16	25.69 0.99 -4.07	28.43 1.06 -3.91	30.16 0.65 -4.62	27.62 0.45 -3.28	22.99 0.14 -0.47	20.36 0.61 0.00	17.46 0.59 0.00	15.77 0.32 0.00	14.93 0.15 0.00
LONG_LAKE_PHOENIX 24014	14.10 0.07 0.00	12.94 0.08 0.00	12.40 0.04 0.00	11.90 0.04 0.00	11.81 0.02 0.00	12.52 0.04 0.00	14.32 0.09 0.00	14.47 0.00 0.00	15.44 0.05 0.00	16.41 0.11 0.00	16.65 0.16 0.00	17.48 0.17 0.00	18.52 0.16 0.00	20.34 0.16 0.00	20.73 0.21 0.00	20.82 0.19 0.00	23.65 0.19 0.00	24.99 0.10 0.00	24.01 0.12 0.00	22.48 0.09 0.00	19.86 0.12 0.00	16.97 0.10 0.00	15.47 0.03 0.00	14.81 0.03 0.00



LOVETT___3 23632	15.19 1.16 0.00	13.88 1.02 0.00	13.33 0.96 0.00	12.79 0.93 0.00	12.68 0.90 0.00	13.42 0.94 0.00	15.34 1.11 0.00	15.74 1.27 0.00	16.77 1.37 0.00	17.71 1.42 0.00	17.90 1.42 0.00	18.84 1.54 0.00	20.02 1.67 0.00	21.98 1.80 0.00	22.35 1.83 0.00	22.51 1.88 0.00	25.58 2.11 0.00	27.16 2.26 0.00	26.13 2.24 0.00	24.49 2.10 0.00	21.50 1.76 0.00	18.34 1.47 0.00	16.82 1.37 0.00	16.16 1.37 0.00
LOVETT___4 23642	15.19 1.16 0.00	13.88 1.02 0.00	13.33 0.96 0.00	12.79 0.93 0.00	12.68 0.90 0.00	13.42 0.94 0.00	15.34 1.11 0.00	15.74 1.27 0.00	16.77 1.37 0.00	17.71 1.42 0.00	17.90 1.42 0.00	18.84 1.54 0.00	20.02 1.67 0.00	21.98 1.80 0.00	22.35 1.83 0.00	22.51 1.88 0.00	25.58 2.11 0.00	27.16 2.26 0.00	26.13 2.24 0.00	24.49 2.10 0.00	21.50 1.76 0.00	18.34 1.47 0.00	16.82 1.37 0.00	16.16 1.37 0.00
LOVETT___5 23593	15.19 1.16 0.00	13.88 1.02 0.00	13.33 0.96 0.00	12.79 0.93 0.00	12.68 0.90 0.00	13.42 0.94 0.00	15.34 1.11 0.00	15.74 1.27 0.00	16.77 1.37 0.00	17.71 1.42 0.00	17.90 1.42 0.00	18.84 1.54 0.00	20.02 1.67 0.00	21.98 1.80 0.00	22.35 1.83 0.00	22.51 1.88 0.00	25.58 2.11 0.00	27.16 2.26 0.00	26.13 2.24 0.00	24.49 2.10 0.00	21.50 1.76 0.00	18.34 1.47 0.00	16.82 1.37 0.00	16.16 1.37 0.00
LOWER RAQUET___HYD 24057	12.48 -0.56 0.99	12.08 -0.55 0.23	11.17 -0.52 0.68	11.05 -0.50 0.31	11.34 -0.45 0.00	12.03 -0.45 0.00	13.73 -0.50 0.00	14.02 -0.45 0.00	14.92 -0.48 0.00	15.79 -0.51 0.00	15.89 -0.59 0.00	16.65 -0.66 0.00	17.22 -0.77 0.36	17.46 -0.87 1.85	17.57 -0.78 2.18	16.46 -0.87 3.31	17.78 -1.24 4.44	18.00 -1.30 5.60	17.85 -1.24 4.80	17.85 -0.83 3.71	17.54 -0.67 1.54	16.37 -0.51 0.00	14.95 -0.49 0.00	14.26 -0.52 0.00
LOWER___HUDSON 24059	15.08 1.00 -0.05	13.78 0.90 -0.01	13.26 0.86 -0.03	12.71 0.83 -0.02	12.63 0.84 0.00	13.34 0.86 0.00	15.16 0.92 0.00	15.42 0.95 0.00	16.35 0.95 0.00	17.29 0.99 0.00	17.44 0.96 0.00	18.36 1.06 0.00	19.51 1.14 -0.02	21.49 1.21 -0.10	21.86 1.23 -0.11	22.02 1.22 -0.17	25.17 1.48 -0.23	26.77 1.59 -0.29	25.74 1.60 -0.25	24.17 1.59 -0.19	21.07 1.24 -0.08	17.92 1.05 0.00	16.43 0.99 0.00	15.71 0.93 0.00
LWR___OSWEGATCHIE_HYD 23850	13.22 -0.15 0.66	12.52 -0.19 0.15	11.73 -0.19 0.45	11.49 -0.17 0.21	11.65 -0.14 0.00	12.37 -0.11 0.00	14.15 -0.08 0.00	14.42 -0.04 0.00	15.35 -0.05 0.00	16.28 -0.02 0.00	16.42 -0.07 0.00	17.24 -0.07 0.00	17.99 -0.13 0.24	18.75 -0.20 1.23	19.00 -0.08 1.44	18.32 -0.12 2.19	20.24 -0.28 2.94	20.84 -0.35 3.71	20.43 -0.29 3.18	19.88 -0.04 2.46	18.75 0.02 1.02	16.94 0.07 0.00	15.43 -0.02 0.00	14.68 -0.10 0.00
LYONS_FALL_HYD 23570	14.20 0.31 0.14	13.06 0.23 0.03	12.49 0.22 0.10	12.03 0.21 0.04	12.01 0.22 0.00	12.77 0.29 0.00	14.63 0.40 0.00	14.90 0.43 0.00	15.86 0.46 0.00	16.81 0.52 0.00	17.00 0.51 0.00	17.86 0.55 0.00	18.87 0.57 0.05	20.46 0.55 0.27	20.89 0.68 0.31	20.82 0.66 0.47	23.58 0.75 0.64	24.84 0.75 0.80	23.94 0.74 0.69	22.64 0.78 0.53	20.23 0.71 0.22	17.48 0.61 0.00	15.91 0.46 0.00	15.14 0.35 0.00
MADISON___COUNTY_LFGE 323628	14.42 0.39 0.00	13.20 0.33 0.00	12.67 0.31 0.00	12.16 0.30 0.00	12.08 0.29 0.00	12.84 0.36 0.00	14.70 0.47 0.00	15.00 0.54 0.00	15.98 0.58 0.00	16.96 0.67 0.00	17.16 0.68 0.00	18.03 0.73 0.00	19.11 0.75 0.00	20.97 0.79 0.00	21.40 0.88 0.00	21.50 0.87 0.00	24.47 1.01 0.00	25.89 1.00 0.00	24.87 0.98 0.00	23.33 0.94 0.00	20.59 0.85 0.00	17.58 0.71 0.00	16.00 0.56 0.00	15.27 0.49 0.00
MAPLE_RIDGE_WT_1 323574	14.33 -0.27 -0.56	12.75 -0.24 -0.13	12.52 -0.22 -0.39	11.83 -0.21 -0.18	11.56 -0.22 0.00	12.23 -0.25 0.00	13.95 -0.28 0.00	14.18 -0.29 0.00	15.10 -0.29 0.00	16.00 -0.29 0.00	16.16 -0.33 0.00	16.96 -0.35 0.00	18.23 -0.33 -0.21	20.91 -0.32 -1.06	21.49 -0.27 -1.24	22.25 -0.27 -1.89	25.73 -0.26 -2.53	27.80 -0.27 -3.19	26.38 -0.24 -2.73	24.23 -0.27 -2.11	20.32 -0.30 -0.88	16.58 -0.29 0.00	15.17 -0.28 0.00	14.52 -0.27 0.00
MAPLE_RIDGE_WT_2 323611	14.33 -0.27 -0.56	12.75 -0.24 -0.13	12.52 -0.22 -0.39	11.83 -0.21 -0.18	11.56 -0.22 0.00	12.23 -0.25 0.00	13.95 -0.28 0.00	14.18 -0.29 0.00	15.10 -0.29 0.00	16.00 -0.29 0.00	16.16 -0.33 0.00	16.96 -0.35 0.00	18.23 -0.33 -0.21	20.91 -0.32 -1.06	21.49 -0.27 -1.24	22.25 -0.27 -1.89	25.73 -0.26 -2.53	27.80 -0.27 -3.19	26.38 -0.24 -2.73	24.23 -0.27 -2.11	20.32 -0.30 -0.88	16.58 -0.29 0.00	15.17 -0.28 0.00	14.52 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	12.21 -0.58 1.25	12.02 -0.55 0.29	10.99 -0.52 0.85	10.97 -0.50 0.39	11.34 -0.45 0.00	12.02 -0.46 0.00	13.71 -0.53 0.00	13.99 -0.48 0.00	14.92 -0.48 0.00	15.77 -0.52 0.00	15.89 -0.59 0.00	16.63 -0.68 0.00	17.16 -0.73 0.46	16.98 -0.87 2.34	16.85 -0.92 2.74	15.55 -0.91 4.17	16.93 -0.94 5.60	16.89 -0.95 7.06	16.88 -0.96 6.05	16.74 -0.96 4.68	16.92 -0.89 1.94	16.10 -0.78 0.00	14.72 -0.73 0.00	14.07 -0.71 0.00
MARSH_HILL_WT_PWR 323713	14.27 0.24 0.00	13.19 0.32 0.00	12.55 0.19 0.00	12.05 0.19 0.00	12.00 0.21 0.00	12.89 0.41 0.00	14.74 0.51 0.00	15.41 0.94 0.00	17.24 1.17 -0.67	18.73 1.43 -1.01	20.65 1.62 -2.55	22.35 1.57 -3.47	23.49 1.65 -3.48	24.35 1.67 -2.50	24.94 1.70 -2.71	24.85 1.57 -2.65	27.79 1.78 -2.55	29.41 1.57 -2.95	27.37 1.43 -2.05	23.78 1.12 -0.27	21.07 1.32 0.00	18.07 1.20 0.00	16.35 0.91 0.00	15.55 0.77 0.00
MG INDUSTRY___DRP 24185	14.82 0.79 0.00	13.59 0.72 0.00	13.07 0.70 0.00	12.54 0.68 0.00	12.46 0.67 0.00	13.15 0.67 0.00	14.96 0.73 0.00	15.19 0.72 0.00	16.07 0.68 0.00	16.99 0.70 0.00	17.16 0.68 0.00	18.07 0.76 0.00	19.18 0.83 0.00	21.07 0.89 0.00	21.42 0.90 0.00	21.54 0.91 0.00	24.52 1.06 0.00	26.04 1.15 0.00	25.04 1.15 0.00	23.51 1.12 0.00	20.63 0.89 0.00	17.61 0.74 0.00	16.15 0.71 0.00	15.48 0.69 0.00
MID___OSWEGATCHIE_HYD 23849	13.22 -0.15 0.66	12.52 -0.19 0.15	11.73 -0.19 0.45	11.49 -0.17 0.21	11.65 -0.14 0.00	12.37 -0.11 0.00	14.15 -0.08 0.00	14.42 -0.04 0.00	15.35 -0.05 0.00	16.28 -0.02 0.00	16.42 -0.07 0.00	17.24 -0.07 0.00	17.99 -0.13 0.24	18.75 -0.20 1.23	19.00 -0.08 1.44	18.32 -0.12 2.19	20.24 -0.28 2.94	20.84 -0.35 3.71	20.43 -0.29 3.18	19.88 -0.04 2.46	18.75 0.02 1.02	16.94 0.07 0.00	15.43 -0.02 0.00	14.68 -0.10 0.00
MID___RAQUETTE_HYD 23851	12.48 -0.56 0.99	12.08 -0.55 0.23	11.17 -0.52 0.68	11.05 -0.50 0.31	11.34 -0.45 0.00	12.03 -0.45 0.00	13.73 -0.50 0.00	14.02 -0.45 0.00	14.92 -0.48 0.00	15.79 -0.51 0.00	15.89 -0.59 0.00	16.65 -0.66 0.00	17.22 -0.77 0.36	17.46 -0.87 1.85	17.57 -0.78 2.18	16.46 -0.87 3.31	17.78 -1.24 4.44	18.00 -1.30 5.60	17.85 -1.24 4.80	17.85 -0.83 3.71	17.54 -0.67 1.54	16.37 -0.51 0.00	14.95 -0.49 0.00	14.26 -0.52 0.00



MILLIKEN___1 23584	14.34 0.31 0.00	13.15 0.28 0.00	12.58 0.22 0.00	12.08 0.21 0.00	12.01 0.22 0.00	12.74 0.26 0.00	14.57 0.34 0.00	14.93 0.46 0.00	15.97 0.54 -0.04	17.04 0.62 -0.13	17.31 0.68 -0.15	18.22 0.71 -0.20	19.29 0.73 -0.20	21.26 0.77 -0.31	21.70 0.84 -0.34	21.78 0.80 -0.34	24.76 0.96 -0.33	26.17 0.89 -0.39	25.02 0.86 -0.27	23.19 0.76 -0.04	20.51 0.77 0.00	17.51 0.64 0.00	15.94 0.49 0.00	15.24 0.46 0.00
MILLIKEN___2 23585	14.34 0.31 0.00	13.15 0.28 0.00	12.58 0.22 0.00	12.08 0.21 0.00	12.01 0.22 0.00	12.74 0.26 0.00	14.57 0.34 0.00	14.93 0.46 0.00	15.97 0.54 -0.04	17.04 0.62 -0.13	17.31 0.68 -0.15	18.22 0.71 -0.20	19.29 0.73 -0.20	21.26 0.77 -0.31	21.70 0.84 -0.34	21.78 0.80 -0.34	24.76 0.96 -0.33	26.17 0.89 -0.39	25.02 0.86 -0.27	23.19 0.76 -0.04	20.51 0.77 0.00	17.51 0.64 0.00	15.94 0.49 0.00	15.24 0.46 0.00
MILLIKEN___DIESEL 23629	14.34 0.31 0.00	13.15 0.28 0.00	12.58 0.22 0.00	12.08 0.21 0.00	12.01 0.22 0.00	12.74 0.26 0.00	14.57 0.34 0.00	14.93 0.46 0.00	15.97 0.54 -0.04	17.04 0.62 -0.13	17.31 0.68 -0.15	18.22 0.71 -0.20	19.29 0.73 -0.20	21.26 0.77 -0.31	21.70 0.84 -0.34	21.78 0.80 -0.34	24.76 0.96 -0.33	26.17 0.89 -0.39	25.02 0.86 -0.27	23.19 0.76 -0.04	20.51 0.77 0.00	17.51 0.64 0.00	15.94 0.49 0.00	15.24 0.46 0.00
MILLSEAT___LFGE 323607	13.95 -0.08 0.00	12.93 0.06 0.00	12.27 -0.09 0.00	11.77 -0.10 0.00	11.72 -0.07 0.00	12.58 0.10 0.00	14.39 0.16 0.00	15.02 0.55 0.00	15.87 0.75 0.28	18.85 1.08 -1.49	16.80 1.33 1.02	17.25 1.33 1.39	18.39 1.43 1.39	25.53 1.62 -3.73	26.26 1.68 -4.06	26.13 1.53 -3.97	28.97 1.69 -3.81	30.60 1.32 -4.39	28.06 1.15 -3.02	23.56 0.78 -0.39	20.81 1.07 0.00	17.85 0.98 0.00	16.08 0.63 0.00	15.22 0.44 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	15.27 1.24 0.00	13.95 1.08 0.00	13.39 1.03 0.00	12.85 0.98 0.00	12.74 0.95 0.00	13.48 1.00 0.00	15.41 1.18 0.00	15.81 1.35 0.00	16.84 1.45 0.00	17.81 1.52 0.00	18.00 1.52 0.00	18.95 1.64 0.00	20.11 1.76 0.00	22.08 1.90 0.00	22.47 1.95 0.00	22.63 2.00 0.00	25.72 2.25 0.00	27.30 2.41 0.00	26.25 2.37 0.00	24.63 2.24 0.00	21.58 1.84 0.00	18.42 1.55 0.00	16.88 1.44 0.00	16.23 1.45 0.00
MODEL_CITY_ENERGY 24167	13.57 -0.46 0.00	12.63 -0.23 0.00	11.98 -0.38 0.00	11.48 -0.38 0.00	11.44 -0.35 0.00	12.34 -0.14 0.00	14.05 0.19 0.00	14.65 0.19 0.00	15.86 0.35 -0.11	18.61 0.63 -1.68	17.81 0.89 -0.43	18.76 0.86 -0.59	19.86 0.92 -0.59	25.29 0.91 -4.20	25.99 0.90 -4.57	25.83 0.72 -4.47	28.51 0.75 -4.30	30.03 0.32 -4.82	27.24 0.14 -3.21	22.60 -0.16 -0.37	20.12 0.37 0.00	17.26 0.39 0.00	15.60 0.15 0.00	14.77 -0.01 0.00
MODERN_LFGE___ 323580	13.57 -0.46 0.00	12.63 -0.23 0.00	11.98 -0.38 0.00	11.48 -0.38 0.00	11.44 -0.35 0.00	12.34 -0.14 0.00	14.05 0.19 0.00	14.65 0.19 0.00	15.86 0.35 -0.11	18.61 0.63 -1.68	17.81 0.89 -0.43	18.76 0.86 -0.59	19.86 0.92 -0.59	25.29 0.91 -4.20	25.99 0.90 -4.57	25.83 0.72 -4.47	28.51 0.75 -4.30	30.03 0.32 -4.82	27.24 0.14 -3.21	22.60 -0.16 -0.37	20.12 0.37 0.00	17.26 0.39 0.00	15.60 0.15 0.00	14.77 -0.01 0.00
MOHAWK_PAPER___DRP 24187	15.00 0.93 -0.04	13.72 0.85 -0.01	13.21 0.82 -0.03	12.66 0.78 -0.01	12.58 0.79 0.00	13.29 0.81 0.00	15.10 0.87 0.00	15.33 0.87 0.00	16.20 0.80 0.00	17.14 0.85 0.00	17.31 0.82 0.00	18.20 0.90 0.00	19.36 0.99 -0.02	21.33 1.07 -0.08	21.70 1.09 -0.10	21.85 1.07 -0.15	24.93 1.27 -0.20	26.51 1.37 -0.25	25.49 1.39 -0.21	23.94 1.39 -0.16	20.90 1.09 -0.07	17.76 0.89 0.00	16.28 0.83 0.00	15.58 0.80 0.00
MONGAUP___HYD 23641	15.22 1.19 0.00	13.89 1.03 0.00	13.34 0.98 0.00	12.79 0.93 0.00	12.65 0.86 0.00	13.38 0.90 0.00	15.13 0.90 0.00	15.48 1.01 0.00	16.49 1.09 0.00	17.43 1.14 0.00	17.62 1.14 0.00	18.50 1.19 0.00	19.62 1.27 0.00	21.61 1.43 0.00	21.94 1.41 0.00	22.08 1.44 0.00	25.08 1.62 0.00	26.73 1.84 0.00	25.61 1.72 0.00	24.02 1.63 0.00	21.17 1.42 0.00	18.25 1.38 0.00	16.69 1.25 0.00	16.05 1.27 0.00
MONTAUK___DIESEL 23721	16.94 2.79 -0.12	15.37 2.50 -0.01	14.65 2.27 -0.01	13.96 2.10 0.00	13.96 2.16 -0.01	14.83 2.33 -0.01	17.35 2.76 -0.36	20.89 2.94 -3.49	21.96 3.11 -3.46	23.99 3.31 -4.39	24.59 3.35 -4.76	25.25 3.58 -4.36	27.29 3.91 -5.03	28.60 4.34 -4.08	37.71 4.60 -12.59	40.12 4.68 -14.81	46.77 5.44 -17.86	54.34 5.70 -23.75	42.70 5.54 -13.27	38.04 5.08 -10.57	45.15 4.26 -21.14	25.30 3.58 -4.85	23.93 3.21 -5.27	21.67 3.16 -3.73
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	15.43 1.40 0.00	14.07 1.21 0.00	13.52 1.16 0.00	12.97 1.10 0.00	12.86 1.07 0.00	13.61 1.12 0.00	15.58 1.35 0.00	16.00 1.53 0.00	17.04 1.65 0.01	17.77 1.74 0.27	18.06 1.75 0.17	19.02 1.87 0.16	20.19 2.02 0.18	22.21 2.18 0.15	22.63 2.24 0.12	22.80 2.29 0.12	26.04 2.58 0.01	27.63 2.74 0.00	26.56 2.67 0.00	24.89 2.51 0.00	21.84 2.09 0.00	18.63 1.75 0.00	17.08 1.64 0.00	16.41 1.64 0.01
MUNSVILLE_WIND_PWR 323609	14.84 0.81 0.00	13.52 0.66 0.00	12.93 0.57 0.00	12.43 0.57 0.00	12.38 0.59 0.00	13.22 0.74 0.00	15.24 1.01 0.00	15.67 1.20 0.00	16.72 1.28 -0.05	17.89 1.43 -0.16	18.11 1.43 -0.19	19.10 1.54 -0.26	20.21 1.60 -0.26	22.21 1.63 -0.40	22.76 1.81 -0.43	22.83 1.77 -0.43	25.99 2.11 -0.41	27.59 2.21 -0.49	26.31 2.08 -0.34	24.41 1.97 -0.05	21.60 1.86 0.00	18.41 1.54 0.00	16.65 1.21 0.00	15.79 1.01 0.00
N SALMON___HYD 24042	12.29 -0.58 1.17	12.05 -0.54 0.28	11.06 -0.51 0.80	11.01 -0.49 0.37	11.38 -0.41 0.00	12.07 -0.41 0.00	13.76 -0.47 0.00	14.11 -0.36 0.00	15.04 -0.35 0.00	15.90 -0.39 0.00	15.99 -0.49 0.00	16.72 -0.59 0.00	17.25 -0.68 0.42	17.21 -0.79 2.18	17.16 -0.80 2.56	15.95 -0.78 3.89	17.42 -0.82 5.22	17.48 -0.82 6.59	17.48 -0.77 5.64	17.30 -0.72 4.37	17.24 -0.69 1.81	16.30 -0.57 0.00	14.87 -0.57 0.00	14.21 -0.58 0.00
N.E_GEN_SANDY PD 24062	15.04 1.01 0.00	13.78 0.91 0.00	13.24 0.88 0.00	12.70 0.84 0.00	12.63 0.84 0.00	13.34 0.86 0.00	15.20 0.97 0.00	15.49 1.03 0.00	16.43 1.03 0.00	17.37 1.08 0.00	17.54 1.06 0.00	18.46 1.16 0.00	19.60 1.25 0.00	21.51 1.33 0.00	21.90 1.38 0.00	22.04 1.40 0.00	25.06 1.60 0.00	26.61 1.72 0.00	25.63 1.74 0.00	24.07 1.68 0.00	21.07 1.32 0.00	18.00 1.13 0.00	16.51 1.06 0.00	15.86 1.08 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.21 1.18 0.00	13.88 1.02 0.00	13.34 0.98 0.00	12.79 0.93 0.00	12.70 0.91 0.00	13.43 0.95 0.00	15.36 1.12 0.00	15.77 1.30 0.00	16.80 1.40 0.00	17.76 1.47 0.00	17.95 1.47 0.00	18.90 1.59 0.00	20.06 1.71 0.00	22.02 1.84 0.00	22.41 1.89 0.00	22.57 1.94 0.00	25.62 2.16 0.00	27.21 2.32 0.00	26.18 2.29 0.00	24.54 2.15 0.00	21.52 1.78 0.00	18.37 1.50 0.00	16.83 1.39 0.00	16.19 1.41 0.00



NARROWS_GT1_1 24228	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT1_2 24229	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT1_3 24230	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT1_4 24231	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT1_5 24232	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT1_6 24233	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT1_7 24234	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT1_8 24235	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT2_1 24236	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT2_2 24237	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT2_3 24238	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT2_4 24239	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT2_5 24240	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT2_6 24241	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NARROWS_GT2_7 24242	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02



NARROWS_GT2_8 24243	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	15.25 1.22 0.00	13.93 1.07 0.00	13.37 1.01 0.00	12.85 0.98 0.00	12.73 0.94 0.00	13.43 0.95 0.00	15.36 1.12 0.00	15.68 1.22 0.00	16.67 1.28 0.00	17.66 1.37 0.00	17.84 1.35 0.00	18.79 1.49 0.00	19.97 1.62 0.00	21.94 1.75 0.00	22.26 1.74 0.00	22.43 1.79 0.00	25.50 2.04 0.00	27.21 2.32 0.00	26.09 2.20 0.00	24.47 2.08 0.00	21.46 1.72 0.00	18.37 1.50 0.00	16.80 1.36 0.00	16.02 1.24 0.00
NEG CAPITAL___MECHNVIL 23645	15.24 1.15 -0.05	13.89 1.02 -0.01	13.36 0.96 -0.04	12.81 0.93 -0.02	12.74 0.95 0.00	13.48 1.00 0.00	15.27 1.04 0.00	15.58 1.11 0.00	16.55 1.16 0.00	17.53 1.24 0.00	17.66 1.17 0.00	18.57 1.26 0.00	19.75 1.38 -0.02	21.78 1.49 -0.10	22.12 1.48 -0.12	22.28 1.47 -0.18	25.49 1.78 -0.25	27.19 1.99 -0.31	26.11 1.96 -0.27	24.56 1.97 -0.21	21.41 1.58 -0.09	18.17 1.30 0.00	16.65 1.21 0.00	15.88 1.09 0.00
NEG CENTRAL_HIGH_ACRES 23767	13.60 -0.44 0.00	12.53 -0.33 0.00	11.95 -0.41 0.00	11.47 -0.39 0.00	11.40 -0.39 0.00	12.11 -0.37 0.00	13.86 -0.37 0.00	14.23 -0.23 0.00	15.21 -0.15 0.03	16.19 0.00 0.10	16.48 0.12 0.12	17.25 0.10 0.16	18.32 0.13 0.16	20.19 0.26 0.25	20.52 0.27 0.27	20.57 0.21 0.27	23.44 0.23 0.26	24.63 0.05 0.31	23.62 -0.05 0.22	22.20 -0.16 0.03	19.78 0.04 0.00	16.92 0.05 0.00	15.34 -0.11 0.00	14.59 -0.19 0.00
NEG CENTRAL___DRP 24199	14.06 0.03 0.00	12.93 0.06 0.00	12.36 0.00 0.00	11.86 0.00 0.00	11.80 0.01 0.00	12.54 0.06 0.00	14.35 0.11 0.00	14.71 0.25 0.00	15.72 0.32 0.00	16.72 0.42 0.00	17.00 0.51 0.00	17.79 0.48 0.00	18.88 0.53 0.00	20.69 0.50 0.00	21.05 0.53 0.00	21.13 0.49 0.00	24.03 0.56 0.00	25.34 0.45 0.00	24.29 0.41 0.00	22.68 0.29 0.00	20.14 0.39 0.00	17.28 0.40 0.00	15.71 0.26 0.00	15.02 0.24 0.00
NEG CENTRAL___INDECK 23768	14.31 0.28 0.00	13.21 0.35 0.00	12.57 0.21 0.00	12.05 0.19 0.00	12.00 0.21 0.00	12.79 0.31 0.00	14.69 0.46 0.00	15.29 0.82 0.00	16.76 1.03 -0.33	18.11 1.32 -0.50	19.26 1.52 -1.26	19.96 0.93 -1.72	21.10 1.03 -1.72	22.80 1.39 -1.23	23.17 1.31 -1.34	23.16 1.24 -1.29	26.09 1.38 -1.24	27.61 1.27 -1.45	25.95 1.05 -1.01	23.33 0.80 -0.14	20.81 1.07 0.00	18.19 1.32 0.00	16.40 0.96 0.00	15.58 0.80 0.00
NEG CENTRAL___SENECA 23627	14.10 0.07 0.00	12.98 0.12 0.00	12.40 0.04 0.00	11.90 0.04 0.00	11.84 0.05 0.00	12.59 0.11 0.00	14.42 0.18 0.00	14.86 0.39 0.00	15.89 0.49 0.00	16.90 0.60 0.00	17.18 0.69 0.00	17.96 0.66 0.00	19.05 0.70 0.00	20.85 0.66 0.00	21.24 0.72 0.00	21.51 0.68 -0.20	24.19 0.73 0.00	25.49 0.60 0.00	24.44 0.55 0.00	22.77 0.38 0.00	20.28 0.53 0.00	17.44 0.57 0.00	15.84 0.40 0.00	15.15 0.37 0.00
NEG CENTRAL___STATE_STREET 24147	14.19 0.15 0.00	13.01 0.14 0.00	12.45 0.09 0.00	11.95 0.08 0.00	11.87 0.08 0.00	12.61 0.12 0.00	14.42 0.18 0.00	14.74 0.27 0.00	15.75 0.35 0.00	16.75 0.46 0.00	17.00 0.51 0.00	17.86 0.55 0.00	18.92 0.57 0.00	20.85 0.66 0.00	21.14 0.62 0.00	21.23 0.60 0.00	24.14 0.68 0.00	25.56 0.67 0.00	24.44 0.55 0.00	22.88 0.49 0.00	20.34 0.59 0.00	17.38 0.51 0.00	15.81 0.37 0.00	15.06 0.28 0.00
NEG MILLWOOD___DRP 24198	15.46 1.43 0.00	14.13 1.26 0.00	13.55 1.19 0.00	13.03 1.16 0.00	12.87 1.08 0.00	13.59 1.11 0.00	15.58 1.35 0.00	15.97 1.50 0.00	17.04 1.65 0.00	18.04 1.74 0.00	18.20 1.71 0.00	19.16 1.85 0.00	20.33 1.98 0.00	22.34 2.16 0.00	22.72 2.20 0.00	22.92 2.29 0.00	26.07 2.60 0.00	27.73 2.84 0.00	26.61 2.72 0.00	25.01 2.62 0.00	21.86 2.11 0.00	18.64 1.77 0.00	17.05 1.61 0.00	16.36 1.58 0.00
NEG NORTH_FLCN_SEA 23793	12.31 -0.48 1.25	12.12 -0.45 0.29	11.09 -0.42 0.85	11.07 -0.40 0.39	11.45 -0.34 0.00	12.14 -0.34 0.00	13.83 -0.40 0.00	14.15 -0.32 0.00	15.09 -0.31 0.00	15.95 -0.34 0.00	16.07 -0.41 0.00	16.80 -0.50 0.00	17.35 -0.55 0.45	17.16 -0.69 2.33	17.04 -0.74 2.74	15.75 -0.72 4.16	17.18 -0.70 5.58	17.15 -0.70 7.04	17.16 -0.69 6.04	16.98 -0.74 4.67	17.12 -0.69 1.94	16.28 -0.59 0.00	14.87 -0.57 0.00	14.21 -0.58 0.00
NEG NORTH_KES_CHATEGAY 23792	12.19 -0.62 1.23	11.98 -0.59 0.29	10.97 -0.56 0.84	10.94 -0.53 0.39	11.32 -0.47 0.00	11.99 -0.49 0.00	13.66 -0.57 0.00	13.96 -0.51 0.00	14.87 -0.52 0.00	15.71 -0.59 0.00	15.84 -0.64 0.00	16.58 -0.73 0.00	17.12 -0.79 0.45	16.96 -0.93 2.29	16.85 -0.98 2.69	15.59 -0.95 4.09	16.97 -1.01 5.49	16.97 -1.00 6.92	16.98 -0.98 5.93	16.81 -0.98 4.59	16.92 -0.93 1.90	16.06 -0.81 0.00	14.69 -0.76 0.00	14.04 -0.74 0.00
NEG NORTH___ALICE_FALLS 23915	12.25 -0.53 1.24	12.07 -0.50 0.29	11.04 -0.47 0.85	11.02 -0.45 0.39	11.41 -0.38 0.00	12.09 -0.39 0.00	13.79 -0.44 0.00	14.12 -0.35 0.00	15.06 -0.34 0.00	15.92 -0.37 0.00	16.02 -0.46 0.00	16.75 -0.55 0.00	17.28 -0.62 0.45	17.09 -0.77 2.32	16.97 -0.82 2.73	15.72 -0.76 4.15	17.19 -0.70 5.57	17.20 -0.67 7.02	17.20 -0.67 6.02	16.99 -0.74 4.66	17.12 -0.69 1.93	16.26 -0.61 0.00	14.86 -0.59 0.00	14.19 -0.59 0.00
NEG NORTH___LWR_SARANAC 23913	12.25 -0.53 1.24	12.07 -0.50 0.29	11.04 -0.47 0.85	11.02 -0.45 0.39	11.41 -0.38 0.00	12.09 -0.39 0.00	13.79 -0.44 0.00	14.12 -0.35 0.00	15.06 -0.34 0.00	15.92 -0.37 0.00	16.02 -0.46 0.00	16.75 -0.55 0.00	17.28 -0.62 0.45	17.09 -0.77 2.32	16.97 -0.82 2.73	15.72 -0.76 4.15	17.19 -0.70 5.57	17.20 -0.67 7.02	17.20 -0.67 6.02	16.99 -0.74 4.66	17.12 -0.69 1.93	16.26 -0.61 0.00	14.86 -0.59 0.00	14.19 -0.59 0.00
NEG NORTH___PLATTSBURG 23628	12.25 -0.53 1.24	12.07 -0.50 0.29	11.04 -0.47 0.85	11.02 -0.45 0.39	11.41 -0.38 0.00	12.09 -0.39 0.00	13.79 -0.44 0.00	14.12 -0.35 0.00	15.06 -0.34 0.00	15.92 -0.37 0.00	16.02 -0.46 0.00	16.75 -0.55 0.00	17.28 -0.62 0.45	17.09 -0.77 2.32	16.97 -0.82 2.73	15.72 -0.76 4.15	17.19 -0.70 5.57	17.20 -0.67 7.02	17.20 -0.67 6.02	16.99 -0.74 4.66	17.12 -0.69 1.93	16.26 -0.61 0.00	14.86 -0.59 0.00	14.19 -0.59 0.00
NEG WEST_LEA_LOCKPORT 23791	13.71 -0.32 0.00	12.75 -0.12 0.00	12.09 -0.27 0.00	11.60 -0.26 0.00	11.55 -0.24 0.00	12.47 -0.01 0.00	14.19 -0.04 0.00	14.83 0.36 0.00	15.71 0.55 0.24	18.68 0.86 -1.53	16.71 1.10 0.88	17.21 1.11 1.20	18.32 1.18 1.20	25.18 1.17 -3.83	25.85 1.17 -4.16	25.69 0.99 -4.07	28.43 1.06 -3.91	30.16 0.65 -4.62	27.62 0.45 -3.28	22.99 0.14 -0.47	20.36 0.61 0.00	17.46 0.59 0.00	15.77 0.32 0.00	14.93 0.15 0.00



NEG WEST___LANCASTR 23811	14.19 0.15 0.00	13.15 0.28 0.00	12.48 0.12 0.00	11.97 0.11 0.00	11.93 0.14 0.00	12.91 0.42 0.00	14.72 0.48 0.00	15.38 0.91 0.00	18.27 1.19 -1.69	20.22 1.48 -2.45	24.64 1.76 -6.39	27.79 1.77 -8.72	28.96 1.87 -8.74	28.10 1.86 -6.06	28.96 1.85 -6.59	28.77 1.69 -6.45	31.53 1.88 -6.19	33.48 1.54 -7.05	30.01 1.34 -4.78	23.94 0.96 -0.59	21.09 1.34 0.00	18.03 1.16 0.00	16.26 0.82 0.00	15.42 0.64 0.00
NEG_PENN_ALLEGHNY 23528	14.38 0.35 0.00	13.22 0.36 0.00	12.66 0.30 0.00	12.15 0.28 0.00	12.07 0.28 0.00	12.83 0.35 0.00	14.64 0.41 0.00	15.03 0.56 0.00	16.11 0.65 -0.07	17.27 0.77 -0.21	17.56 0.82 -0.25	18.52 0.86 -0.34	19.62 0.92 -0.35	21.66 0.95 -0.53	22.06 0.96 -0.58	22.13 0.93 -0.57	25.07 1.06 -0.55	26.56 1.02 -0.65	25.31 0.96 -0.46	23.28 0.83 -0.07	20.61 0.87 0.00	17.61 0.74 0.00	16.05 0.60 0.00	15.34 0.56 0.00
NEG___GEN_MONROE 24207	13.95 -0.08 0.00	12.90 0.04 0.00	12.29 -0.07 0.00	11.76 -0.11 0.00	11.73 -0.06 0.00	12.51 0.03 0.00	14.23 0.00 0.00	14.78 0.32 0.00	15.74 0.52 0.18	17.10 0.81 0.00	16.82 1.01 0.67	17.45 1.06 0.91	18.60 1.16 0.91	21.55 1.37 0.00	22.00 1.48 0.00	21.97 1.34 0.00	24.94 1.48 0.00	26.14 1.24 0.00	25.04 1.15 0.00	23.26 0.87 0.00	20.73 0.99 0.00	17.55 0.68 0.00	15.84 0.40 0.00	15.05 0.27 0.00
NEPA___ENERGY 23901	14.19 0.15 0.00	13.16 0.30 0.00	12.50 0.14 0.00	11.99 0.13 0.00	11.94 0.15 0.00	12.91 0.42 0.00	14.72 0.48 0.00	15.36 0.90 0.00	18.22 1.20 -1.62	20.19 1.48 -2.41	24.39 1.76 -6.14	27.44 1.77 -8.37	28.61 1.87 -8.39	28.01 1.86 -5.97	28.84 1.83 -6.49	28.63 1.65 -6.35	31.37 1.81 -6.10	33.39 1.54 -6.95	29.93 1.31 -4.73	23.93 0.96 -0.58	21.11 1.36 0.00	18.07 1.20 0.00	16.31 0.86 0.00	15.45 0.67 0.00
NEVERSINK___HYD 23608	14.79 0.76 0.00	13.51 0.64 0.00	12.98 0.62 0.00	12.44 0.58 0.00	12.34 0.55 0.00	13.06 0.57 0.00	14.94 0.71 0.00	15.39 0.93 0.00	16.40 1.00 0.00	17.32 1.03 0.00	17.47 0.99 0.00	18.40 1.09 0.00	19.53 1.18 0.00	21.47 1.29 0.00	21.85 1.33 0.00	22.05 1.42 0.00	25.08 1.62 0.00	26.68 1.79 0.00	25.63 1.74 0.00	24.02 1.63 0.00	21.09 1.34 0.00	18.00 1.13 0.00	16.49 1.05 0.00	15.79 1.01 0.00
NEWTON___FALLS_HYD 23847	13.22 -0.15 0.66	12.52 -0.19 0.15	11.73 -0.19 0.45	11.49 -0.17 0.21	11.65 -0.14 0.00	12.37 -0.11 0.00	14.15 -0.08 0.00	14.42 -0.04 0.00	15.35 -0.05 0.00	16.28 -0.02 0.00	16.42 -0.07 0.00	17.24 -0.07 0.00	17.99 -0.13 0.24	18.75 -0.20 1.23	19.00 -0.08 1.44	18.32 -0.12 2.19	20.24 -0.28 2.94	20.84 -0.35 3.71	20.43 -0.29 3.18	19.88 -0.04 2.46	18.75 0.02 1.02	16.94 0.07 0.00	15.43 -0.02 0.00	14.68 -0.10 0.00
NIAGARA_115E_LBMP 323715	13.50 -0.53 0.00	12.56 -0.31 0.00	11.92 -0.44 0.00	11.42 -0.44 0.00	11.38 -0.41 0.00	12.28 -0.20 0.00	13.95 -0.28 0.00	14.55 0.09 0.00	16.03 0.25 -0.39	18.41 0.51 -1.61	18.74 0.76 -1.50	20.07 0.73 -2.04	21.17 0.77 -2.05	24.96 0.75 -4.03	25.62 0.72 -4.38	25.45 0.54 -4.28	28.14 0.56 -4.12	29.56 0.13 -4.54	26.78 -0.07 -2.96	22.37 -0.34 -0.31	19.98 0.24 0.00	17.14 0.27 0.00	15.49 0.05 0.00	14.68 -0.10 0.00
NIAGARA_115W_LBMP 323714	13.30 -0.73 0.00	12.39 -0.48 0.00	11.76 -0.61 0.00	11.27 -0.59 0.00	11.22 -0.57 0.00	12.11 -0.37 0.00	13.75 -0.48 0.00	14.32 -0.14 0.00	14.84 0.03 0.59	15.01 0.26 1.54	14.83 0.51 2.17	14.83 0.47 2.95	15.88 0.48 2.95	16.82 0.40 3.77	16.77 0.39 4.14	16.77 0.21 4.06	19.74 0.19 3.91	19.73 -0.25 4.91	19.74 -0.41 3.74	21.09 -0.65 0.65	19.63 -0.12 0.00	16.87 0.00 0.00	15.24 -0.20 0.00	14.46 -0.33 0.00
NIAGARA_230_LBMP 323716	13.53 -0.50 0.00	12.59 -0.27 0.00	11.95 -0.41 0.00	11.46 -0.40 0.00	11.41 -0.38 0.00	12.29 -0.19 0.00	13.96 -0.27 0.00	14.52 0.06 0.00	15.05 0.22 0.57	15.24 0.47 1.52	15.05 0.71 2.15	15.05 0.67 2.93	16.13 0.72 2.93	17.08 0.69 3.79	17.06 0.66 4.12	17.06 0.47 4.04	20.07 0.49 3.89	20.10 0.10 4.89	20.07 -0.10 3.72	21.42 -0.34 0.63	19.92 0.18 0.00	17.11 0.24 0.00	15.47 0.03 0.00	14.68 -0.10 0.00
NIAGARA___ 23760	13.43 -0.60 0.00	12.50 -0.36 0.00	11.84 -0.52 0.00	11.36 -0.50 0.00	11.32 -0.47 0.00	12.21 -0.27 0.00	13.88 -0.36 0.00	14.45 -0.01 0.00	15.23 0.17 0.34	15.92 0.41 0.78	15.88 0.66 1.27	16.18 0.62 1.75	17.25 0.66 1.76	18.74 0.60 2.05	18.99 0.60 2.12	18.83 0.41 2.21	21.71 0.42 2.18	21.97 0.00 2.92	21.38 -0.17 2.34	21.54 -0.40 0.44	19.84 0.10 0.00	17.04 0.17 0.00	15.40 -0.05 0.00	14.61 -0.18 0.00
NINE_MILE_1 23575	13.74 -0.30 0.00	12.61 -0.26 0.00	12.10 -0.26 0.00	11.61 -0.25 0.00	11.54 -0.25 0.00	12.24 -0.24 0.00	13.96 -0.27 0.00	14.15 -0.32 0.00	15.07 -0.32 0.00	16.00 -0.29 0.00	16.22 -0.26 0.00	17.03 -0.28 0.00	18.06 -0.29 0.00	19.84 -0.34 0.00	20.19 -0.33 0.00	20.28 -0.35 0.00	23.04 -0.42 0.00	24.39 -0.50 0.00	23.41 -0.48 0.00	21.92 -0.47 0.00	19.37 -0.38 0.00	16.57 -0.30 0.00	15.12 -0.33 0.00	14.44 -0.34 0.00
NINE_MILE_2 23744	13.74 -0.30 0.00	12.62 -0.24 0.00	12.10 -0.26 0.00	11.61 -0.25 0.00	11.54 -0.25 0.00	12.24 -0.24 0.00	13.96 -0.27 0.00	14.15 -0.32 0.00	15.07 -0.32 0.00	16.00 -0.29 0.00	16.22 -0.26 0.00	17.03 -0.28 0.00	18.06 -0.29 0.00	19.84 -0.34 0.00	20.19 -0.33 0.00	20.28 -0.35 0.00	23.04 -0.42 0.00	24.39 -0.50 0.00	23.41 -0.48 0.00	21.92 -0.47 0.00	19.37 -0.38 0.00	16.57 -0.30 0.00	15.12 -0.33 0.00	14.44 -0.34 0.00
NM_CAPITAL___DRP 24208	14.96 0.88 -0.04	13.67 0.80 -0.01	13.18 0.79 -0.03	12.64 0.76 -0.01	12.54 0.76 0.00	13.24 0.76 0.00	15.04 0.81 0.00	15.25 0.78 0.00	16.09 0.69 0.00	17.01 0.72 0.00	17.18 0.69 0.00	18.08 0.78 0.00	19.21 0.84 -0.02	21.17 0.91 -0.08	21.54 0.92 -0.09	21.68 0.91 -0.14	24.73 1.08 -0.19	26.30 1.17 -0.23	25.28 1.19 -0.20	23.73 1.19 -0.16	20.72 0.91 -0.06	17.63 0.76 0.00	16.17 0.73 0.00	15.48 0.69 0.00
NM_CENTRAL___DRP 24181	14.02 -0.01 0.00	12.87 0.00 0.00	12.34 -0.02 0.00	11.84 -0.02 0.00	11.77 -0.02 0.00	12.48 0.00 0.00	14.26 0.03 0.00	14.52 0.06 0.00	15.50 0.11 0.00	16.47 0.18 0.00	16.72 0.23 0.00	17.55 0.24 0.00	18.57 0.22 0.00	20.40 0.22 0.00	20.75 0.23 0.00	20.84 0.21 0.00	23.65 0.19 0.00	25.04 0.15 0.00	24.01 0.12 0.00	22.46 0.07 0.00	19.92 0.18 0.00	17.04 0.17 0.00	15.52 0.08 0.00	14.83 0.04 0.00
NM_FRONTIER___DRP 24179	13.30 -0.73 0.00	12.39 -0.48 0.00	11.76 -0.61 0.00	11.27 -0.59 0.00	11.22 -0.57 0.00	12.11 -0.37 0.00	13.75 -0.48 0.00	14.32 -0.14 0.00	14.84 0.03 0.59	15.01 0.26 1.54	14.83 0.51 2.17	14.83 0.47 2.95	15.88 0.48 2.95	16.82 0.40 3.77	16.77 0.39 4.14	16.77 0.21 4.06	19.74 0.19 3.91	19.73 -0.25 4.91	19.74 -0.41 3.74	21.09 -0.65 0.65	19.63 -0.12 0.00	16.87 0.00 0.00	15.24 -0.20 0.00	14.46 -0.33 0.00



NM_ST_REGIS___HYD 24053	12.43 -0.58 1.03	12.06 -0.57 0.24	11.13 -0.53 0.70	11.04 -0.50 0.32	11.34 -0.45 0.00	12.03 -0.45 0.00	13.73 -0.50 0.00	14.03 -0.43 0.00	14.95 -0.45 0.00	15.80 -0.49 0.00	15.91 -0.58 0.00	16.67 -0.64 0.00	17.22 -0.75 0.37	17.41 -0.85 1.92	17.47 -0.80 2.25	16.34 -0.87 3.43	17.72 -1.15 4.60	17.90 -1.19 5.80	17.80 -1.12 4.97	17.71 -0.83 3.85	17.46 -0.69 1.59	16.35 -0.52 0.00	14.92 -0.53 0.00	14.24 -0.55 0.00
NORTHPORT___1 23551	15.96 1.81 -0.12	14.51 1.63 -0.01	13.88 1.51 -0.01	13.26 1.40 0.00	13.22 1.43 -0.01	14.01 1.52 -0.01	16.36 1.76 -0.36	19.88 1.92 -3.49	20.91 2.06 -3.46	22.85 2.17 -4.39	23.36 2.11 -4.76	23.91 2.25 -4.36	25.78 2.40 -5.02	26.81 2.56 -4.07	27.47 2.75 -4.19	27.63 2.77 -4.24	28.41 3.24 -1.71	30.44 3.41 -2.14	28.47 3.37 -1.21	27.54 3.04 -2.10	25.15 2.57 -2.84	23.86 2.14 -4.84	22.80 2.08 -5.27	20.58 2.07 -3.73
NORTHPORT___2 23552	15.96 1.81 -0.12	14.51 1.63 -0.01	13.88 1.51 -0.01	13.26 1.40 0.00	13.22 1.43 -0.01	14.01 1.52 -0.01	16.36 1.76 -0.36	19.88 1.92 -3.49	20.91 2.06 -3.46	22.85 2.17 -4.39	23.36 2.11 -4.76	23.91 2.25 -4.36	25.78 2.40 -5.02	26.81 2.56 -4.07	27.47 2.75 -4.19	27.63 2.77 -4.24	28.41 3.24 -1.71	30.44 3.41 -2.14	28.47 3.37 -1.21	27.54 3.04 -2.10	25.15 2.57 -2.84	23.86 2.14 -4.84	22.80 2.08 -5.27	20.58 2.07 -3.73
NORTHPORT___3 23553	15.79 1.65 -0.11	14.31 1.44 0.00	13.60 1.24 0.00	12.99 1.13 0.00	12.98 1.19 0.00	13.79 1.31 0.00	16.18 1.59 -0.35	19.69 1.75 -3.48	20.70 1.86 -3.45	22.66 1.99 -4.38	23.05 1.81 -4.75	23.56 1.90 -4.35	25.37 2.00 -5.02	26.50 2.26 -4.06	27.01 2.30 -4.19	27.23 2.37 -4.23	27.88 2.72 -1.70	29.93 2.91 -2.13	27.96 2.87 -1.20	27.06 2.57 -2.10	24.77 2.19 -2.84	23.56 1.86 -4.83	22.48 1.78 -5.26	20.33 1.83 -3.72
NORTHPORT___4 23650	15.79 1.65 -0.11	14.31 1.44 0.00	13.60 1.24 0.00	12.99 1.13 0.00	12.98 1.19 0.00	13.79 1.31 0.00	16.18 1.59 -0.35	19.69 1.75 -3.48	20.70 1.86 -3.45	22.66 1.99 -4.38	23.05 1.81 -4.75	23.56 1.90 -4.35	25.37 2.00 -5.02	26.50 2.26 -4.06	27.01 2.30 -4.19	27.23 2.37 -4.23	27.88 2.72 -1.70	29.93 2.91 -2.13	27.96 2.87 -1.20	27.06 2.57 -2.10	24.77 2.19 -2.84	23.56 1.86 -4.83	22.48 1.78 -5.26	20.33 1.83 -3.72
NORTHPORT___IC 23718	15.96 1.81 -0.12	14.51 1.63 -0.01	13.88 1.51 -0.01	13.26 1.40 0.00	13.22 1.43 -0.01	14.01 1.52 -0.01	16.36 1.76 -0.36	19.88 1.92 -3.49	20.91 2.06 -3.46	22.85 2.17 -4.39	23.36 2.11 -4.76	23.91 2.25 -4.36	25.78 2.40 -5.02	26.81 2.56 -4.07	27.47 2.75 -4.19	27.63 2.77 -4.24	28.41 3.24 -1.71	30.44 3.41 -2.14	28.47 3.37 -1.21	27.54 3.04 -2.10	25.15 2.57 -2.84	23.86 2.14 -4.84	22.80 2.08 -5.27	20.58 2.07 -3.73
NPX_GEN_1385_PROXY 323591	15.76 1.61 -0.12	14.42 1.54 -0.01	13.79 1.42 -0.01	13.18 1.32 0.00	13.22 1.43 -0.01	13.94 1.45 -0.01	16.10 1.51 -0.36	18.74 1.48 -2.80	18.98 1.59 -2.00	19.00 1.66 -1.04	19.07 1.58 -1.00	19.91 1.70 -0.91	20.42 1.82 -0.25	21.35 1.92 0.75	22.03 2.09 0.58	24.46 2.13 -1.70	26.84 2.51 -0.87	28.66 2.64 -1.13	27.87 2.77 -1.21	26.54 2.40 -1.76	22.15 1.94 -0.47	20.35 1.60 -1.88	18.98 1.59 -1.95	18.47 1.61 -2.08
NPX_GEN_CSC 323557	16.27 2.12 -0.12	14.77 1.89 -0.01	14.09 1.72 -0.01	13.44 1.58 0.00	13.43 1.63 -0.01	14.26 1.77 -0.01	16.69 2.09 -0.36	20.20 2.24 -3.49	21.19 2.34 -3.46	23.16 2.48 -4.39	23.67 2.42 -4.76	24.24 2.58 -4.36	26.17 2.79 -5.03	27.32 3.07 -4.08	36.55 3.32 -12.70	38.94 3.36 -14.95	45.48 3.94 -18.07	53.03 4.11 -24.03	41.36 4.04 -13.43	36.77 3.69 -10.69	44.22 3.10 -21.37	24.30 2.58 -4.85	23.09 2.38 -5.27	20.91 2.39 -3.73
NSINS_S_GLNS_FALLS 23858	15.25 1.16 -0.06	13.87 0.99 -0.01	13.34 0.94 -0.04	12.78 0.90 -0.02	12.73 0.94 0.00	13.47 0.99 0.00	15.26 1.03 0.00	15.60 1.13 0.00	16.60 1.20 0.00	17.56 1.27 0.00	17.57 1.09 0.00	18.48 1.18 0.00	19.64 1.27 -0.02	21.68 1.39 -0.11	21.94 1.29 -0.12	22.10 1.28 -0.19	25.36 1.64 -0.25	27.20 1.99 -0.32	26.12 1.96 -0.27	24.68 2.08 -0.21	21.49 1.66 -0.09	18.19 1.32 0.00	16.65 1.21 0.00	15.85 1.06 0.00
NUCOR_STEEL___DRP 24197	14.16 0.13 0.00	12.99 0.13 0.00	12.42 0.06 0.00	11.93 0.07 0.00	11.86 0.07 0.00	12.58 0.10 0.00	14.37 0.14 0.00	14.68 0.22 0.00	15.69 0.29 0.00	16.67 0.38 0.00	16.91 0.43 0.00	17.75 0.45 0.00	18.83 0.48 0.00	20.69 0.50 0.00	21.05 0.53 0.00	21.15 0.52 0.00	24.05 0.59 0.00	25.36 0.47 0.00	24.34 0.45 0.00	22.79 0.40 0.00	20.18 0.43 0.00	17.24 0.37 0.00	15.71 0.26 0.00	15.02 0.24 0.00
NYISO_LBMP_REFERENCE 24008	14.03 0.00 0.00	12.87 0.00 0.00	12.36 0.00 0.00	11.86 0.00 0.00	11.79 0.00 0.00	12.48 0.00 0.00	14.23 0.00 0.00	14.47 0.00 0.00	15.40 0.00 0.00	16.29 0.00 0.00	16.49 0.00 0.00	17.31 0.00 0.00	18.35 0.00 0.00	20.18 0.00 0.00	20.52 0.00 0.00	20.63 0.00 0.00	23.46 0.00 0.00	24.89 0.00 0.00	23.89 0.00 0.00	22.39 0.00 0.00	19.75 0.00 0.00	16.87 0.00 0.00	15.44 0.00 0.00	14.78 0.00 0.00
NYPA_BRENTWD___GT 24164	16.21 2.06 -0.12	14.71 1.84 -0.01	14.04 1.67 -0.01	13.40 1.54 0.00	13.38 1.58 -0.01	14.21 1.72 -0.01	16.63 2.03 -0.36	20.18 2.23 -3.49	21.25 2.40 -3.45	23.24 2.56 -4.39	23.78 2.54 -4.76	24.38 2.72 -4.36	26.30 2.92 -5.02	27.40 3.15 -4.07	30.70 3.55 -6.63	31.50 3.57 -7.30	33.93 4.08 -6.39	37.55 4.26 -8.40	32.80 4.21 -4.71	30.75 3.81 -4.56	31.11 3.22 -8.14	24.40 2.68 -4.84	23.23 2.52 -5.27	21.01 2.50 -3.73
NYPA_GOWANUS___GT5 24156	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NYPA_GOWANUS___GT6 24157	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NYPA_HARLEM__RVR__GT1 24160	15.43 1.40 0.00	14.05 1.20 0.01	13.49 1.14 0.01	12.94 1.09 0.01	12.83 1.05 0.01	13.57 1.10 0.01	15.58 1.35 0.01	16.05 1.59 0.01	17.11 1.71 -0.01	18.46 1.82 -0.34	18.65 1.81 -0.35	19.58 1.95 -0.32	20.81 2.09 -0.37	22.74 2.26 -0.30	23.09 2.32 -0.25	23.22 2.35 -0.24	26.14 2.67 -0.01	27.69 2.81 0.01	26.60 2.72 0.01	24.91 2.53 0.01	21.81 2.07 0.01	18.60 1.74 0.01	17.10 1.67 0.01	16.49 1.70 -0.01



NYPA_HARLEM__RVR__GT2 24161	15.43 1.40 0.00	14.05 1.20 0.01	13.49 1.14 0.01	12.94 1.09 0.01	12.83 1.05 0.01	13.57 1.10 0.01	15.58 1.35 0.01	16.05 1.59 0.01	17.11 1.71 -0.01	18.46 1.82 -0.34	18.65 1.81 -0.35	19.58 1.95 -0.32	20.81 2.09 -0.37	22.74 2.26 -0.30	23.09 2.32 -0.25	23.22 2.35 -0.24	26.14 2.67 -0.01	27.69 2.81 0.01	26.60 2.72 0.01	24.91 2.53 0.01	21.81 2.07 0.01	18.60 1.74 0.01	17.10 1.67 0.01	16.49 1.70 -0.01
NYPA_KENT____GT 24152	15.49 1.46 0.00	14.10 1.24 0.00	13.54 1.17 0.00	12.97 1.10 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.64 1.41 0.00	16.09 1.62 -0.01	17.79 1.74 -0.65	18.72 1.86 -0.57	19.57 1.86 -1.22	19.70 1.99 -0.41	22.45 2.15 -1.95	28.52 2.32 -6.02	23.18 2.40 -0.26	28.51 2.43 -5.44	28.55 2.77 -2.32	28.42 2.94 -0.60	26.76 2.87 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.16 1.71 0.00	16.51 1.71 -0.02
NYPA_POUCH1____GT 24155	15.43 1.40 0.00	14.05 1.18 0.00	13.47 1.11 0.00	12.91 1.04 0.00	12.80 1.01 0.00	13.56 1.07 0.00	15.59 1.35 0.00	16.04 1.56 -0.01	17.98 1.69 -0.89	18.66 1.79 -0.58	19.83 1.80 -1.54	19.68 1.94 -0.44	22.98 2.09 -2.54	30.60 2.28 -8.13	23.13 2.34 -0.27	30.39 2.39 -7.37	29.36 2.72 -3.18	28.65 2.94 -0.82	26.72 2.82 -0.01	24.96 2.57 0.00	21.84 2.09 0.00	18.61 1.74 0.00	17.08 1.64 0.00	16.44 1.64 -0.02
NYPA_VERNON____GT2 24162	15.49 1.46 0.00	14.11 1.25 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.65 1.42 0.00	16.11 1.63 -0.01	17.84 1.75 -0.69	18.70 1.84 -0.57	19.61 1.85 -1.27	19.71 1.99 -0.41	22.55 2.15 -2.05	28.89 2.32 -6.39	23.16 2.38 -0.26	28.82 2.41 -5.78	28.65 2.72 -2.47	28.41 2.89 -0.63	26.74 2.84 -0.01	25.03 2.64 0.00	21.94 2.19 0.00	18.69 1.82 0.00	17.16 1.71 0.00	16.51 1.71 -0.02
NYPA_VERNON____GT3 24163	15.49 1.46 0.00	14.11 1.25 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.65 1.42 0.00	16.11 1.63 -0.01	17.84 1.75 -0.69	18.70 1.84 -0.57	19.61 1.85 -1.27	19.71 1.99 -0.41	22.55 2.15 -2.05	28.89 2.32 -6.39	23.16 2.38 -0.26	28.82 2.41 -5.78	28.65 2.72 -2.47	28.41 2.89 -0.63	26.74 2.84 -0.01	25.03 2.64 0.00	21.94 2.19 0.00	18.69 1.82 0.00	17.16 1.71 0.00	16.51 1.71 -0.02
NYPA__ASTORIA_CC1 323568	15.48 1.45 0.00	14.10 1.24 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.64 1.41 0.00	16.09 1.62 -0.01	17.73 1.72 -0.61	18.69 1.82 -0.57	19.48 1.83 -1.16	19.68 1.97 -0.40	22.31 2.11 -1.85	28.11 2.28 -5.65	23.12 2.34 -0.26	28.11 2.37 -5.11	28.31 2.67 -2.17	28.31 2.86 -0.56	26.69 2.79 -0.01	25.01 2.62 0.00	21.90 2.15 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NYPA__ASTORIA_CC2 323569	15.48 1.45 0.00	14.10 1.24 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.64 1.41 0.00	16.09 1.62 -0.01	17.73 1.72 -0.61	18.69 1.82 -0.57	19.48 1.83 -1.16	19.68 1.97 -0.40	22.31 2.11 -1.85	28.11 2.28 -5.65	23.12 2.34 -0.26	28.11 2.37 -5.11	28.31 2.67 -2.17	28.31 2.86 -0.56	26.69 2.79 -0.01	25.01 2.62 0.00	21.90 2.15 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02
NYPA__HOLTSVILL 23794	16.11 1.96 -0.12	14.62 1.75 -0.01	13.97 1.60 -0.01	13.33 1.47 0.00	13.31 1.51 -0.01	14.13 1.63 -0.01	16.53 1.94 -0.36	20.05 2.10 -3.49	21.05 2.20 -3.46	23.01 2.33 -4.39	23.47 2.22 -4.76	24.05 2.39 -4.36	25.95 2.57 -5.03	27.04 2.79 -4.08	36.50 3.02 -12.96	38.95 3.05 -15.27	45.59 3.57 -18.57	53.31 3.73 -24.69	41.34 3.66 -13.80	36.67 3.34 -10.94	44.48 2.80 -21.93	24.06 2.34 -4.85	22.91 2.19 -5.27	20.71 2.20 -3.73
NYPA____HELLGATE_GT1 24158	15.43 1.40 0.00	14.05 1.20 0.01	13.49 1.14 0.01	12.94 1.09 0.01	12.83 1.05 0.01	13.57 1.10 0.01	15.58 1.35 0.01	16.05 1.59 0.01	17.11 1.71 -0.01	18.88 1.82 -0.76	18.65 1.81 -0.35	19.58 1.95 -0.32	20.81 2.09 -0.37	22.74 2.26 -0.30	23.09 2.32 -0.25	23.22 2.35 -0.24	26.14 2.67 -0.01	27.69 2.81 0.01	26.60 2.72 0.01	24.91 2.53 0.01	21.81 2.07 0.01	18.60 1.74 0.01	17.10 1.67 0.01	16.49 1.70 -0.01
NYPA____HELLGATE_GT2 24159	15.43 1.40 0.00	14.05 1.20 0.01	13.49 1.14 0.01	12.94 1.09 0.01	12.83 1.05 0.01	13.57 1.10 0.01	15.58 1.35 0.01	16.05 1.59 0.01	17.11 1.71 -0.01	18.88 1.82 -0.76	18.65 1.81 -0.35	19.58 1.95 -0.32	20.81 2.09 -0.37	22.74 2.26 -0.30	23.09 2.32 -0.25	23.22 2.35 -0.24	26.14 2.67 -0.01	27.69 2.81 0.01	26.60 2.72 0.01	24.91 2.53 0.01	21.81 2.07 0.01	18.60 1.74 0.01	17.10 1.67 0.01	16.49 1.70 -0.01
NYS_BARGE__HYD 23848	13.72 -0.31 0.00	12.76 -0.10 0.00	12.10 -0.26 0.00	11.60 -0.26 0.00	11.55 -0.24 0.00	12.47 -0.01 0.00	14.20 -0.03 0.00	14.84 0.38 0.00	15.67 0.57 0.30	18.98 0.88 -1.81	16.50 1.12 1.11	16.92 1.12 1.51	18.03 1.19 1.51	25.93 1.21 -4.54	26.67 1.21 -4.94	26.49 1.03 -4.83	29.21 1.10 -4.64	30.93 0.70 -5.34	28.07 0.50 -3.68	23.05 0.18 -0.48	20.38 0.63 0.00	17.48 0.61 0.00	15.78 0.34 0.00	14.94 0.16 0.00
OAK ORCHARD__HYD 24046	13.89 -0.14 0.00	12.83 -0.04 0.00	12.23 -0.14 0.00	11.72 -0.14 0.00	11.66 -0.13 0.00	12.42 -0.06 0.00	14.20 -0.03 0.00	14.64 0.17 0.00	15.69 0.29 0.00	16.80 0.51 0.00	17.16 0.68 0.00	17.96 0.66 0.00	19.09 0.73 0.00	21.17 0.99 0.00	21.46 0.94 0.00	21.50 0.87 0.00	24.43 0.96 0.00	25.67 0.82 0.04	24.48 0.65 0.06	22.79 0.42 0.02	20.40 0.65 0.00	17.46 0.59 0.00	15.78 0.34 0.00	14.96 0.18 0.00
OCC_CHEM__DRP 24175	13.36 -0.67 0.00	12.44 -0.42 0.00	11.79 -0.57 0.00	11.32 -0.55 0.00	11.27 -0.52 0.00	12.16 -0.32 0.00	13.81 -0.43 0.00	14.38 -0.09 0.00	14.90 0.09 0.59	15.09 0.34 1.54	14.91 0.59 2.17	14.91 0.55 2.95	15.97 0.57 2.96	16.92 0.50 3.76	16.87 0.49 4.14	16.88 0.31 4.07	19.86 0.30 3.91	19.85 -0.12 4.91	19.86 -0.29 3.75	21.20 -0.54 0.65	19.73 -0.02 0.00	16.94 0.07 0.00	15.30 -0.14 0.00	14.52 -0.27 0.00
OH_GEN_PROXY 24063	13.55 -0.48 0.00	12.62 -0.24 0.00	11.96 -0.40 0.00	11.48 -0.38 0.00	11.44 -0.35 0.00	12.31 -0.17 0.00	13.98 -0.26 0.00	14.54 0.07 0.00	15.21 0.23 0.42	15.60 0.47 1.16	15.59 0.71 1.60	15.80 0.67 2.18	16.88 0.72 2.19	17.98 0.69 2.89	18.03 0.66 3.14	18.04 0.49 3.09	21.01 0.52 2.97	21.97 0.13 3.05	22.06 -0.05 1.78	22.00 -0.29 0.10	19.96 0.22 0.00	17.14 0.27 0.00	15.51 0.06 0.00	14.71 -0.07 0.00
OLIN_CORP_DRP 24177	13.54 -0.49 0.00	12.59 -0.27 0.00	11.95 -0.41 0.00	11.46 -0.40 0.00	11.41 -0.38 0.00	12.32 -0.16 0.00	13.99 -0.24 0.00	14.60 0.13 0.00	16.22 0.29 -0.54	18.90 0.57 -2.04	19.35 0.81 -2.05	20.91 0.80 -2.80	22.01 0.84 -2.81	26.09 0.83 -5.09	26.84 0.80 -5.52	26.66 0.62 -5.40	29.29 0.63 -5.19	30.87 0.22 -5.76	27.69 0.02 -3.78	22.55 -0.25 -0.41	20.04 0.30 0.00	17.19 0.32 0.00	15.54 0.09 0.00	14.72 -0.06 0.00



OLIN_CORP_DSASP 323712	13.36 -0.67 0.00	12.44 -0.42 0.00	11.79 -0.57 0.00	11.32 -0.55 0.00	11.27 -0.52 0.00	12.16 -0.32 0.00	13.81 -0.43 0.00	14.38 -0.09 0.00	14.90 0.09 0.59	15.09 0.34 1.54	14.91 0.59 2.17	14.91 0.55 2.95	15.97 0.57 2.96	16.92 0.50 3.76	16.87 0.49 4.14	16.88 0.31 4.07	19.86 0.30 3.91	19.85 -0.12 4.91	19.86 -0.29 3.75	21.20 -0.54 0.65	19.73 -0.02 0.00	16.94 0.07 0.00	15.30 -0.14 0.00	14.52 -0.27 0.00
ONEIDA_HERK_LFGE 323681	14.30 0.35 0.08	13.12 0.27 0.02	12.55 0.25 0.06	12.09 0.25 0.03	12.04 0.25 0.00	12.79 0.31 0.00	14.66 0.43 0.00	14.92 0.45 0.00	15.87 0.48 0.00	16.83 0.54 0.00	17.01 0.53 0.00	17.89 0.59 0.00	18.93 0.60 0.03	20.61 0.59 0.15	21.04 0.70 0.18	21.06 0.70 0.27	23.90 0.80 0.37	25.23 0.80 0.46	24.28 0.79 0.40	22.89 0.80 0.31	20.35 0.73 0.13	17.48 0.61 0.00	15.91 0.46 0.00	15.17 0.38 0.00
ONONDAGA_REF_OCCRA 23987	14.12 0.08 0.00	12.96 0.09 0.00	12.41 0.05 0.00	11.91 0.05 0.00	11.84 0.05 0.00	12.56 0.08 0.00	14.35 0.11 0.00	14.63 0.16 0.00	15.61 0.22 0.00	16.59 0.29 0.00	16.83 0.35 0.00	17.67 0.36 0.00	18.70 0.35 0.00	20.54 0.36 0.00	20.89 0.37 0.00	20.98 0.35 0.00	23.86 0.40 0.00	25.24 0.35 0.00	24.20 0.31 0.00	22.66 0.27 0.00	20.08 0.34 0.00	17.16 0.29 0.00	15.63 0.19 0.00	14.94 0.16 0.00
ONONDAGA___COGEN 23986	14.07 0.04 0.00	12.92 0.05 0.00	12.39 0.02 0.00	11.89 0.02 0.00	11.81 0.02 0.00	12.52 0.04 0.00	14.30 0.07 0.00	14.54 0.07 0.00	15.53 0.14 0.00	16.50 0.21 0.00	16.73 0.25 0.00	17.58 0.28 0.00	18.63 0.28 0.00	20.44 0.26 0.00	20.81 0.29 0.00	20.90 0.27 0.00	23.75 0.28 0.00	25.09 0.20 0.00	24.08 0.19 0.00	22.55 0.16 0.00	19.94 0.20 0.00	17.04 0.17 0.00	15.54 0.09 0.00	14.87 0.09 0.00
ONTARIO___LFGE 23819	14.10 0.07 0.00	12.98 0.12 0.00	12.40 0.04 0.00	11.90 0.04 0.00	11.84 0.05 0.00	12.59 0.11 0.00	14.42 0.18 0.00	14.86 0.39 0.00	15.89 0.49 0.00	16.90 0.60 0.00	17.18 0.69 0.00	17.96 0.66 0.00	19.05 0.70 0.00	20.85 0.66 0.00	21.24 0.72 0.00	21.51 0.68 -0.20	24.19 0.73 0.00	25.49 0.60 0.00	24.44 0.55 0.00	22.77 0.38 0.00	20.28 0.53 0.00	17.44 0.57 0.00	15.84 0.40 0.00	15.15 0.37 0.00
ORANGEVILLE_WT_PWR 323706	13.95 -0.08 0.00	12.92 0.05 0.00	12.29 -0.07 0.00	11.79 -0.07 0.00	11.74 -0.05 0.00	12.66 0.17 0.00	14.43 0.20 0.00	15.09 0.62 0.00	17.33 0.85 -1.09	19.09 1.14 -1.66	21.97 1.35 -4.13	24.29 1.35 -5.63	25.41 1.41 -5.64	25.71 1.41 -4.11	26.40 1.41 -4.47	26.24 1.26 -4.35	29.03 1.38 -4.18	30.88 1.09 -4.90	28.24 0.91 -3.44	23.47 0.60 -0.47	20.69 0.95 0.00	17.73 0.86 0.00	16.02 0.57 0.00	15.18 0.40 0.00
OSWEGATCHIE___HYD 24044	13.22 -0.15 0.66	12.52 -0.19 0.15	11.73 -0.19 0.45	11.49 -0.17 0.21	11.65 -0.14 0.00	12.37 -0.11 0.00	14.15 -0.08 0.00	14.42 -0.04 0.00	15.35 -0.05 0.00	16.28 -0.02 0.00	16.42 -0.07 0.00	17.24 -0.07 0.00	17.99 -0.13 0.24	18.75 -0.20 1.23	19.00 -0.08 1.44	18.32 -0.12 2.19	20.24 -0.28 2.94	20.84 -0.35 3.71	20.43 -0.29 3.18	19.88 -0.04 2.46	18.75 0.02 1.02	16.94 0.07 0.00	15.43 -0.02 0.00	14.68 -0.10 0.00
OSWEGO___5 23606	13.85 -0.18 0.00	12.71 -0.15 0.00	12.19 -0.17 0.00	11.70 -0.17 0.00	11.62 -0.17 0.00	12.33 -0.15 0.00	14.08 -0.16 0.00	14.26 -0.20 0.00	15.21 -0.18 0.00	16.15 -0.15 0.00	16.37 -0.11 0.00	17.18 -0.12 0.00	18.20 -0.15 0.00	20.02 -0.16 0.00	20.36 -0.16 0.00	20.47 -0.17 0.00	23.25 -0.21 0.00	24.62 -0.27 0.00	23.60 -0.29 0.00	22.10 -0.29 0.00	19.55 -0.20 0.00	16.72 -0.15 0.00	15.24 -0.20 0.00	14.57 -0.21 0.00
OSWEGO___6 23613	13.85 -0.18 0.00	12.71 -0.15 0.00	12.19 -0.17 0.00	11.70 -0.17 0.00	11.62 -0.17 0.00	12.33 -0.15 0.00	14.08 -0.16 0.00	14.26 -0.20 0.00	15.21 -0.18 0.00	16.15 -0.15 0.00	16.37 -0.11 0.00	17.18 -0.12 0.00	18.20 -0.15 0.00	20.02 -0.16 0.00	20.36 -0.16 0.00	20.47 -0.17 0.00	23.25 -0.21 0.00	24.62 -0.27 0.00	23.60 -0.29 0.00	22.10 -0.29 0.00	19.55 -0.20 0.00	16.72 -0.15 0.00	15.24 -0.20 0.00	14.57 -0.21 0.00
OUTOKUMPU-AB___DRP 24206	13.78 -0.25 0.00	12.80 -0.06 0.00	12.14 -0.22 0.00	11.64 -0.23 0.00	11.59 -0.20 0.00	12.54 0.06 0.00	14.29 0.06 0.00	14.97 0.51 0.00	14.10 0.75 2.05	22.51 1.09 -5.12	10.17 1.35 7.67	8.17 1.31 10.45	9.28 1.39 10.47	34.43 1.37 -12.88	35.95 1.40 -14.03	35.57 1.20 -13.74	37.96 1.29 -13.20	40.85 0.87 -15.09	34.86 0.67 -10.31	24.03 0.34 -1.31	20.50 0.75 0.00	17.58 0.71 0.00	15.83 0.39 0.00	14.99 0.21 0.00
OXBOW___ 24026	13.60 -0.44 0.00	12.65 -0.22 0.00	11.99 -0.37 0.00	11.49 -0.37 0.00	11.45 -0.34 0.00	12.37 -0.11 0.00	14.08 -0.16 0.00	14.71 0.25 0.00	14.53 0.46 1.33	22.24 0.78 -5.16	12.56 1.02 4.95	11.55 0.99 6.74	12.64 1.05 6.75	34.12 35.64 -12.95	35.26 1.01 -14.11	35.26 0.80 -13.82	37.61 0.87 -13.28	40.41 0.42 -15.09	34.38 0.26 -10.23	23.61 -0.04 -1.27	20.14 0.39 0.00	17.29 0.42 0.00	15.58 0.14 0.00	14.77 -0.01 0.00
OXY_CHEM_DSASP 323612	13.36 -0.67 0.00	12.44 -0.42 0.00	11.79 -0.57 0.00	11.32 -0.55 0.00	11.27 -0.52 0.00	12.16 -0.32 0.00	13.81 -0.43 0.00	14.38 -0.09 0.00	14.90 0.09 0.59	15.09 0.34 1.54	14.91 0.59 2.17	14.91 0.55 2.95	15.97 0.57 2.96	16.92 0.50 3.76	16.87 0.49 4.14	16.88 0.31 4.07	19.86 0.30 3.91	19.85 -0.12 4.91	19.86 -0.29 3.75	21.20 -0.54 0.65	19.73 -0.02 0.00	16.94 0.07 0.00	15.30 -0.14 0.00	14.52 -0.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.36 -0.67 0.00	12.44 -0.42 0.00	11.79 -0.57 0.00	11.32 -0.55 0.00	11.27 -0.52 0.00	12.16 -0.32 0.00	13.81 -0.43 0.00	14.38 -0.09 0.00	14.90 0.09 0.59	15.09 0.34 1.54	14.91 0.59 2.17	14.91 0.55 2.95	15.97 0.57 2.96	16.92 0.50 3.76	16.87 0.49 4.14	16.88 0.31 4.07	19.86 0.30 3.91	19.85 -0.12 4.91	19.86 -0.29 3.75	21.20 -0.54 0.65	19.73 -0.02 0.00	16.94 0.07 0.00	15.30 -0.14 0.00	14.52 -0.27 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	15.42 1.39 0.00	14.03 1.17 0.01	13.48 1.12 0.01	12.91 1.06 0.01	12.81 1.03 0.01	13.56 1.09 0.01	15.56 1.34 0.01	16.01 1.55 0.01	17.05 1.65 -0.01	18.36 1.74 -0.32	18.58 1.75 -0.35	19.51 1.89 -0.32	20.74 2.02 -0.37	22.68 2.20 -0.30	23.01 2.24 -0.25	23.16 2.29 -0.24	26.05 2.58 -0.01	27.62 2.74 0.01	26.58 2.70 0.01	24.89 2.51 0.01	21.81 2.07 0.01	18.58 1.72 0.01	17.07 1.64 0.01	16.42 1.63 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	15.41 1.38 0.00	14.02 1.16 0.01	13.47 1.11 0.01	12.90 1.04 0.01	12.79 1.01 0.01	13.55 1.07 0.01	15.56 1.34 0.01	16.01 1.55 0.01	17.07 1.66 -0.01	18.36 1.74 -0.32	18.60 1.76 -0.35	19.51 1.89 -0.32	20.74 2.02 -0.37	22.64 2.16 -0.30	23.01 2.24 -0.25	23.16 2.29 -0.24	26.05 2.58 -0.01	27.60 2.71 0.01	26.58 2.70 0.01	24.91 2.53 0.01	21.79 2.05 0.01	18.57 1.70 0.01	17.06 1.62 0.01	16.42 1.63 -0.01



PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	14.17 0.14 0.00	13.15 0.28 0.00	12.47 0.11 0.00	11.96 0.09 0.00	11.91 0.12 0.00	12.91 0.42 0.00	14.72 0.48 0.00	15.42 0.95 0.00	18.36 1.25 -1.72	20.45 1.56 -2.59	24.82 1.85 -6.49	28.01 1.85 -8.85	29.19 1.96 -8.87	28.55 1.96 -6.41	29.48 1.99 -6.97	29.25 1.79 -6.82	32.01 1.99 -6.55	33.94 1.62 -7.43	30.32 1.41 -5.02	24.01 1.01 -0.61	21.13 1.38 0.00	18.07 1.20 0.00	16.29 0.85 0.00	15.42 0.64 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	15.46 1.43 0.00	14.13 1.26 0.00	13.55 1.19 0.00	13.03 1.16 0.00	12.87 1.08 0.00	13.59 1.11 0.00	15.58 1.35 0.00	15.97 1.50 0.00	17.04 1.65 0.00	18.04 1.74 0.00	18.20 1.71 0.00	19.16 1.85 0.00	20.33 1.98 0.00	22.34 2.16 0.00	22.72 2.20 0.00	22.92 2.29 0.00	26.07 2.60 0.00	27.73 2.84 0.00	26.61 2.72 0.00	25.01 2.62 0.00	21.86 2.11 0.00	18.64 1.77 0.00	17.05 1.61 0.00	16.36 1.58 0.00
PEEKSKILL____ 23653	15.27 1.24 0.00	13.95 1.08 0.00	13.39 1.03 0.00	12.85 0.98 0.00	12.73 0.94 0.00	13.47 0.99 0.00	15.41 1.18 0.00	15.80 1.33 0.00	16.83 1.43 0.00	17.79 1.50 0.00	17.99 1.50 0.00	18.93 1.63 0.00	20.10 1.74 0.00	22.08 1.90 0.00	22.45 1.93 0.00	22.61 1.98 0.00	25.69 2.23 0.00	27.28 2.39 0.00	26.23 2.34 0.00	24.60 2.22 0.00	21.58 1.84 0.00	18.41 1.54 0.00	16.86 1.42 0.00	16.22 1.43 0.00
PGE MADISON____WINDPWR 24146	14.84 0.81 0.00	13.52 0.66 0.00	12.93 0.57 0.00	12.43 0.57 0.00	12.38 0.59 0.00	13.22 0.74 0.00	15.24 1.01 0.00	15.67 1.20 0.00	16.72 1.28 -0.05	17.89 1.43 -0.16	18.11 1.43 -0.19	19.10 1.54 -0.26	20.21 1.60 -0.26	22.21 1.63 -0.40	22.76 1.81 -0.43	22.83 1.77 -0.43	25.99 2.11 -0.41	27.59 2.21 -0.49	26.31 2.08 -0.34	24.41 1.97 -0.05	21.60 1.86 0.00	18.41 1.54 0.00	16.65 1.21 0.00	15.79 1.01 0.00
PIERCEFIELD____HYD 23852	12.48 -0.56 0.99	12.08 -0.55 0.23	11.17 -0.52 0.68	11.05 -0.50 0.31	11.34 -0.45 0.00	12.03 -0.45 0.00	13.73 -0.50 0.00	14.02 -0.45 0.00	14.92 -0.48 0.00	15.79 -0.51 0.00	15.89 -0.59 0.00	16.65 -0.66 0.00	17.22 -0.77 0.36	17.46 -0.87 1.85	17.57 -0.78 2.18	16.46 -0.87 3.31	17.78 -1.24 4.44	18.00 -1.30 5.60	17.85 -1.24 4.80	17.85 -0.83 3.71	17.54 -0.67 1.54	16.37 -0.51 0.00	14.95 -0.49 0.00	14.26 -0.52 0.00
PINELAWN_CC_I 323563	15.98 1.84 -0.12	14.50 1.62 -0.01	13.84 1.47 -0.01	13.21 1.35 0.00	13.19 1.39 -0.01	14.03 1.53 -0.01	16.41 1.82 -0.36	19.97 2.01 -3.49	21.01 2.16 -3.45	22.96 2.28 -4.39	23.47 2.22 -4.76	24.05 2.39 -4.36	25.74 2.37 -5.02	26.79 2.54 -4.07	28.13 2.46 -5.15	28.55 2.47 -5.44	29.92 2.91 -3.55	32.58 3.09 -4.60	29.48 3.01 -2.58	28.19 2.73 -3.07	27.00 2.33 -4.93	23.82 2.11 -4.84	22.69 1.98 -5.27	20.50 1.99 -3.73
PJM_GEN_HTP_PROXY 323702	15.46 1.43 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.09 1.68 -0.02	18.62 1.78 -0.55	18.62 1.78 -0.35	19.53 1.90 -0.32	20.78 2.06 -0.37	22.68 2.20 -0.30	23.05 2.28 -0.25	23.19 2.31 -0.24	26.08 2.60 -0.02	27.65 2.76 0.00	26.59 2.70 0.00	24.92 2.53 0.00	21.86 2.11 0.00	18.63 1.75 0.00	17.10 1.65 0.00	16.47 1.67 -0.02
PJM_GEN_KEystone 24065	14.61 0.58 0.00	13.42 0.55 0.00	12.83 0.47 0.00	12.31 0.45 0.00	12.24 0.45 0.00	13.03 0.55 0.00	14.87 0.64 0.00	15.33 0.87 0.00	16.64 0.99 -0.26	17.67 1.11 -0.27	18.70 1.22 -0.99	19.93 1.28 -1.34	21.08 1.38 -1.35	22.20 1.43 -0.59	22.59 1.44 -0.63	22.65 1.40 -0.61	25.59 1.55 -0.57	27.11 1.49 -0.72	25.85 1.41 -0.55	23.69 1.21 -0.09	20.97 1.22 0.00	17.93 1.06 0.00	16.34 0.90 0.00	15.64 0.86 0.00
PJM_GEN_NEPTUNE_PROXY 323594	15.71 1.57 -0.11	14.25 1.39 0.00	13.61 1.25 0.00	13.01 1.15 0.00	12.97 1.18 0.00	13.75 1.27 0.00	16.09 1.51 -0.35	19.63 1.69 -3.47	20.64 1.80 -3.44	22.56 1.89 -4.38	23.06 1.83 -4.75	23.61 1.95 -4.35	25.46 2.09 -5.01	26.50 2.26 -4.06	26.22 2.36 -3.34	26.18 2.39 -3.16	26.35 2.81 -0.07	27.80 2.96 0.05	26.79 2.91 0.02	26.27 2.64 -1.24	22.95 2.21 -0.99	23.54 1.84 -4.83	22.46 1.76 -5.26	20.29 1.79 -3.72
PJM_GEN_VFT_PROXY 323633	15.43 1.40 0.00	14.06 1.20 0.00	13.52 1.16 0.00	12.97 1.10 0.00	12.85 1.06 0.00	13.59 1.11 0.00	15.56 1.32 0.00	15.97 1.50 0.00	17.03 1.62 -0.02	18.56 1.71 -0.56	18.54 1.70 -0.36	19.47 1.83 -0.33	20.71 1.98 -0.38	22.61 2.12 -0.31	22.98 2.20 -0.26	23.13 2.25 -0.25	26.01 2.53 -0.02	27.56 2.66 0.00	26.52 2.63 0.00	24.87 2.48 0.00	21.80 2.05 0.00	18.57 1.70 0.00	17.05 1.61 0.00	16.42 1.63 -0.02
PLEASANTVLY____LBMP 24000	15.19 1.16 0.00	13.89 1.03 0.00	13.35 0.99 0.00	12.80 0.94 0.00	12.71 0.92 0.00	13.43 0.95 0.00	15.36 1.12 0.00	15.71 1.24 0.00	16.70 1.31 0.00	17.68 1.38 0.00	17.85 1.37 0.00	18.79 1.49 0.00	19.95 1.60 0.00	21.92 1.74 0.00	22.29 1.77 0.00	22.45 1.82 0.00	25.50 2.04 0.00	27.08 2.19 0.00	26.06 2.17 0.00	24.42 2.04 0.00	21.42 1.68 0.00	18.29 1.42 0.00	16.77 1.33 0.00	16.13 1.34 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	15.34 1.31 0.00	14.01 1.14 0.00	13.45 1.09 0.00	12.91 1.04 0.00	12.80 1.01 0.00	13.53 1.05 0.00	15.48 1.25 0.00	15.87 1.40 0.00	16.91 1.51 0.00	17.87 1.58 0.00	18.05 1.57 0.00	19.00 1.70 0.00	20.19 1.84 0.00	22.16 1.98 0.00	22.55 2.03 0.00	22.72 2.08 0.00	25.81 2.35 0.00	27.40 2.51 0.00	26.35 2.46 0.00	24.74 2.35 0.00	21.68 1.94 0.00	18.49 1.62 0.00	16.94 1.50 0.00	16.29 1.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	15.31 1.28 0.00	13.98 1.12 0.00	13.42 1.06 0.00	12.88 1.02 0.00	12.77 0.98 0.00	13.49 1.01 0.00	15.44 1.21 0.00	15.81 1.35 0.00	16.83 1.43 0.00	17.81 1.52 0.00	17.99 1.50 0.00	18.93 1.63 0.00	20.11 1.76 0.00	22.08 1.90 0.00	22.47 1.95 0.00	22.63 2.00 0.00	25.72 2.25 0.00	27.33 2.44 0.00	26.28 2.39 0.00	24.65 2.26 0.00	21.58 1.84 0.00	18.44 1.57 0.00	16.89 1.45 0.00	16.23 1.45 0.00
POLETTI____ 23519	15.45 1.42 0.00	14.07 1.21 0.00	13.52 1.16 0.00	12.97 1.10 0.00	12.86 1.07 0.00	13.61 1.12 0.00	15.60 1.37 0.00	16.02 1.55 0.00	17.06 1.65 -0.02	18.58 1.73 -0.56	18.57 1.73 -0.36	19.50 1.87 -0.33	20.73 2.00 -0.38	22.65 2.16 -0.31	23.00 2.22 -0.26	23.15 2.27 -0.25	26.04 2.56 -0.02	27.60 2.71 0.00	26.56 2.67 0.00	24.89 2.51 0.00	21.84 2.09 0.00	18.61 1.74 0.00	17.08 1.64 0.00	16.48 1.68 -0.02
PORT_JEFF_3 23555	16.17 2.02 -0.12	14.68 1.80 -0.01	14.02 1.64 -0.01	13.37 1.51 0.00	13.35 1.56 -0.01	14.18 1.68 -0.01	16.59 1.99 -0.36	20.12 2.17 -3.49	21.13 2.28 -3.46	23.09 2.41 -4.39	23.59 2.34 -4.76	24.17 2.51 -4.36	26.08 2.70 -5.03	27.20 2.95 -4.07	36.06 3.18 -12.36	38.28 3.13 -14.52	44.54 3.66 -17.42	51.85 3.81 -23.15	40.60 3.77 -12.94	36.15 3.43 -10.34	43.32 2.94 -20.63	24.16 2.45 -4.85	22.98 2.27 -5.27	20.80 2.29 -3.73



PORT_JEFF_4 23616	16.17 2.02 -0.12	14.68 1.80 -0.01	14.02 1.64 -0.01	13.37 1.51 0.00	13.35 1.56 -0.01	14.18 1.68 -0.01	16.59 1.99 -0.36	20.12 2.17 -3.49	21.13 2.28 -3.46	23.09 2.41 -4.39	23.59 2.34 -4.76	24.17 2.51 -4.36	26.08 2.70 -5.03	27.20 2.95 -4.07	36.06 3.18 -12.36	38.28 3.13 -14.52	44.54 3.66 -17.42	51.85 3.81 -23.15	40.60 3.77 -12.94	36.15 3.43 -10.34	43.32 2.94 -20.63	24.16 2.45 -4.85	22.98 2.27 -5.27	20.80 2.29 -3.73
PORT_JEFF_IC 23713	16.21 2.06 -0.12	14.71 1.84 -0.01	14.03 1.66 -0.01	13.39 1.53 0.00	13.38 1.58 -0.01	14.21 1.72 -0.01	16.63 2.03 -0.36	20.17 2.21 -3.49	21.18 2.32 -3.46	23.16 2.48 -4.39	23.65 2.41 -4.76	24.23 2.56 -4.36	26.15 2.77 -5.02	27.26 3.01 -4.07	35.16 3.26 -11.38	37.02 3.12 -13.28	42.64 3.66 -15.52	49.32 3.81 -20.62	39.19 3.77 -11.53	35.16 3.43 -9.35	41.23 3.00 -18.48	24.21 2.50 -4.85	23.03 2.32 -5.27	20.85 2.33 -3.73
PPL PILGRIM_ST_GT1 24216	16.21 2.06 -0.12	14.71 1.84 -0.01	14.04 1.67 -0.01	13.40 1.54 0.00	13.38 1.58 -0.01	14.21 1.72 -0.01	16.63 2.03 -0.36	20.18 2.23 -3.49	21.25 2.40 -3.45	23.24 2.56 -4.39	23.78 2.54 -4.76	24.38 2.72 -4.36	26.30 2.92 -5.02	27.40 3.15 -4.07	30.70 3.55 -6.63	31.50 3.57 -7.30	33.93 4.08 -6.39	37.55 4.26 -8.40	32.80 4.21 -4.71	30.75 3.81 -4.56	31.11 3.22 -8.14	24.40 2.68 -4.84	23.23 2.52 -5.27	21.01 2.50 -3.73
PPL PILGRIM_ST_GT2 24217	16.21 2.06 -0.12	14.71 1.84 -0.01	14.04 1.67 -0.01	13.40 1.54 0.00	13.38 1.58 -0.01	14.21 1.72 -0.01	16.63 2.03 -0.36	20.18 2.23 -3.49	21.25 2.40 -3.45	23.24 2.56 -4.39	23.78 2.54 -4.76	24.38 2.72 -4.36	26.30 2.92 -5.02	27.40 3.15 -4.07	30.70 3.55 -6.63	31.50 3.57 -7.30	33.93 4.08 -6.39	37.55 4.26 -8.40	32.80 4.21 -4.71	30.75 3.81 -4.56	31.11 3.22 -8.14	24.40 2.68 -4.84	23.23 2.52 -5.27	21.01 2.50 -3.73
PPL_SHRM_GT3 24213	16.27 2.12 -0.12	14.75 1.88 -0.01	14.08 1.71 -0.01	13.44 1.58 0.00	13.41 1.62 -0.01	14.25 1.76 -0.01	16.67 2.08 -0.36	20.20 2.24 -3.49	21.18 2.32 -3.46	23.14 2.46 -4.39	23.62 2.37 -4.76	24.21 2.54 -4.36	26.13 2.75 -5.03	27.28 3.03 -4.07	36.11 3.28 -12.31	38.42 3.34 -14.45	44.70 3.92 -17.32	52.04 4.13 -23.02	40.77 4.01 -12.87	36.35 3.67 -10.29	43.36 3.10 -20.52	24.30 2.58 -4.85	23.09 2.38 -5.27	20.88 2.36 -3.73
PPL_SHRM_GT4 24214	16.27 2.12 -0.12	14.75 1.88 -0.01	14.08 1.71 -0.01	13.44 1.58 0.00	13.41 1.62 -0.01	14.25 1.76 -0.01	16.67 2.08 -0.36	20.20 2.24 -3.49	21.18 2.32 -3.46	23.14 2.46 -4.39	23.62 2.37 -4.76	24.21 2.54 -4.36	26.13 2.75 -5.03	27.28 3.03 -4.07	36.11 3.28 -12.31	38.42 3.34 -14.45	44.70 3.92 -17.32	52.04 4.13 -23.02	40.77 4.01 -12.87	36.35 3.67 -10.29	43.36 3.10 -20.52	24.30 2.58 -4.85	23.09 2.38 -5.27	20.88 2.36 -3.73
PROJECT___ORANGE 1 24174	14.03 0.00 0.00	12.88 0.01 0.00	12.35 -0.01 0.00	11.84 -0.02 0.00	11.78 -0.01 0.00	12.49 0.01 0.00	14.26 0.03 0.00	14.54 0.07 0.00	15.52 0.12 0.00	16.49 0.20 0.00	16.73 0.25 0.00	17.57 0.26 0.00	18.59 0.24 0.00	20.42 0.24 0.00	20.77 0.25 0.00	20.86 0.23 0.00	23.67 0.21 0.00	25.04 0.15 0.00	24.01 0.12 0.00	22.48 0.09 0.00	19.92 0.18 0.00	17.06 0.19 0.00	15.54 0.09 0.00	14.84 0.06 0.00
PROJECT___ORANGE 2 24166	14.03 0.00 0.00	12.88 0.01 0.00	12.35 -0.01 0.00	11.84 -0.02 0.00	11.78 -0.01 0.00	12.49 0.01 0.00	14.26 0.03 0.00	14.54 0.07 0.00	15.52 0.12 0.00	16.49 0.20 0.00	16.73 0.25 0.00	17.57 0.26 0.00	18.59 0.24 0.00	20.42 0.24 0.00	20.77 0.25 0.00	20.86 0.23 0.00	23.67 0.21 0.00	25.04 0.15 0.00	24.01 0.12 0.00	22.48 0.09 0.00	19.92 0.18 0.00	17.06 0.19 0.00	15.54 0.09 0.00	14.84 0.06 0.00
PYRITES___HYD 24023	12.44 -0.58 1.02	12.05 -0.58 0.24	11.12 -0.54 0.70	11.03 -0.51 0.32	11.33 -0.46 0.00	12.03 -0.45 0.00	13.75 -0.48 0.00	14.06 -0.40 0.00	14.95 -0.45 0.00	15.82 -0.47 0.00	15.93 -0.56 0.00	16.68 -0.62 0.00	17.23 -0.75 0.37	17.43 -0.85 1.91	17.52 -0.76 2.24	16.45 -0.78 3.40	17.82 -1.08 4.56	17.97 -1.17 5.75	17.88 -1.07 4.93	17.83 -0.74 3.82	17.51 -0.65 1.58	16.38 -0.49 0.00	14.95 -0.49 0.00	14.26 -0.52 0.00
RAMAPO___LBMP 323565	15.18 1.15 0.00	13.87 1.00 0.00	13.33 0.96 0.00	12.78 0.91 0.00	12.67 0.88 0.00	13.41 0.92 0.00	15.33 1.10 0.00	15.71 1.24 0.00	16.73 1.34 0.00	17.69 1.40 0.00	17.89 1.40 0.00	18.81 1.50 0.00	19.99 1.63 0.00	21.94 1.75 0.00	22.33 1.81 0.00	22.47 1.84 0.00	25.53 2.07 0.00	27.11 2.21 0.00	26.09 2.20 0.00	24.45 2.06 0.00	21.46 1.72 0.00	18.30 1.43 0.00	16.79 1.34 0.00	16.14 1.36 0.00
RANKINE____ 23646	14.00 -0.03 0.00	13.01 0.14 0.00	12.34 -0.02 0.00	11.84 -0.02 0.00	11.78 -0.01 0.00	12.76 0.27 0.00	14.53 0.30 0.00	15.22 0.75 0.00	18.51 1.02 -2.10	20.61 1.35 -2.96	26.02 1.62 -7.92	29.71 1.61 -10.79	30.88 1.71 -10.82	29.23 1.71 -7.33	30.22 1.72 -7.97	29.98 1.55 -7.80	32.65 1.69 -7.49	34.69 1.29 -8.51	30.72 1.08 -5.76	23.81 0.72 -0.70	20.87 1.12 0.00	17.88 1.01 0.00	16.12 0.68 0.00	15.25 0.47 0.00
RAVENSWOOD_GT2_1 24244	15.46 1.43 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.08 1.66 -0.02	18.62 1.76 -0.57	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.69 2.20 -0.31	23.04 2.26 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.59 2.70 0.00	24.94 2.55 0.00	21.86 2.11 0.00	18.64 1.77 0.00	17.10 1.65 0.00	16.47 1.67 -0.02
RAVENSWOOD_GT2_2 24245	15.46 1.43 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.08 1.66 -0.02	18.62 1.76 -0.57	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.69 2.20 -0.31	23.04 2.26 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.59 2.70 0.00	24.94 2.55 0.00	21.86 2.11 0.00	18.64 1.77 0.00	17.10 1.65 0.00	16.47 1.67 -0.02
RAVENSWOOD_GT2_3 24246	15.46 1.43 0.00	14.10 1.24 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.04 1.58 0.00	17.09 1.68 -0.02	18.64 1.78 -0.57	18.63 1.78 -0.36	19.56 1.92 -0.33	20.79 2.06 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.21 2.33 -0.25	26.11 2.63 -0.02	27.68 2.79 0.00	26.61 2.72 0.00	24.96 2.57 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
RAVENSWOOD_GT2_4 24247	15.46 1.43 0.00	14.10 1.24 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.61 1.38 0.00	16.04 1.58 0.00	17.09 1.68 -0.02	18.64 1.78 -0.57	18.63 1.78 -0.36	19.56 1.92 -0.33	20.79 2.06 -0.38	22.71 2.22 -0.31	23.06 2.28 -0.26	23.21 2.33 -0.25	26.11 2.63 -0.02	27.68 2.79 0.00	26.61 2.72 0.00	24.96 2.57 0.00	21.88 2.13 0.00	18.64 1.77 0.00	17.11 1.67 0.00	16.48 1.68 -0.02



RAVENSWOOD_GT3_1 24248	15.46 1.43 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.08 1.66 -0.02	18.62 1.76 -0.57	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.69 2.20 -0.31	23.04 2.26 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.86 2.11 0.00	18.64 1.77 0.00	17.10 1.65 0.00	16.47 1.67 -0.02
RAVENSWOOD_GT3_2 24249	15.46 1.43 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.08 1.66 -0.02	18.62 1.76 -0.57	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.69 2.20 -0.31	23.04 2.26 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.86 2.11 0.00	18.64 1.77 0.00	17.10 1.65 0.00	16.47 1.67 -0.02
RAVENSWOOD_GT3_3 24250	15.48 1.45 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.63 1.40 0.00	16.04 1.58 0.00	17.11 1.69 -0.02	18.65 1.79 -0.57	18.63 1.78 -0.36	19.56 1.92 -0.33	20.79 2.06 -0.38	22.73 2.24 -0.31	23.08 2.30 -0.26	23.21 2.33 -0.25	26.11 2.63 -0.02	27.68 2.79 0.00	26.63 2.75 0.00	24.96 2.57 0.00	21.88 2.13 0.00	18.66 1.79 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
RAVENSWOOD_GT3_4 24251	15.48 1.45 0.00	14.10 1.24 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.63 1.40 0.00	16.04 1.58 0.00	17.11 1.69 -0.02	18.65 1.79 -0.57	18.63 1.78 -0.36	19.56 1.92 -0.33	20.79 2.06 -0.38	22.73 2.24 -0.31	23.08 2.30 -0.26	23.21 2.33 -0.25	26.11 2.63 -0.02	27.68 2.79 0.00	26.63 2.75 0.00	24.96 2.57 0.00	21.88 2.13 0.00	18.66 1.79 0.00	17.11 1.67 0.00	16.48 1.68 -0.02
RAVENSWOOD_GT_1 23729	15.49 1.46 0.00	14.11 1.25 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.65 1.42 0.00	16.11 1.63 -0.01	17.84 1.75 -0.69	18.70 1.84 -0.57	19.61 1.85 -1.27	19.71 1.99 -0.41	22.55 2.15 -2.05	28.89 2.32 -6.39	23.16 2.38 -0.26	28.82 2.41 -5.78	28.65 2.72 -2.47	28.41 2.89 -0.63	26.74 2.84 -0.01	25.03 2.64 0.00	21.94 2.19 0.00	18.69 1.82 0.00	17.16 1.71 0.00	16.51 1.71 -0.02
RAVENSWOOD_GT_10 24258	15.46 1.43 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.60 1.37 0.00	16.03 1.56 0.00	17.02 1.66 0.04	18.62 1.76 -0.57	18.53 1.76 -0.28	19.53 1.90 -0.33	20.62 2.04 -0.24	22.15 2.20 0.23	23.04 2.26 -0.26	22.70 2.31 0.24	25.87 2.60 0.20	27.60 2.76 0.06	26.59 2.70 0.00	24.94 2.55 0.00	21.86 2.11 0.00	18.63 1.75 0.00	17.10 1.65 0.00	16.47 1.67 -0.02
RAVENSWOOD_GT_11 24259	15.46 1.43 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.60 1.37 0.00	16.03 1.56 0.00	17.02 1.66 0.04	18.62 1.76 -0.57	18.53 1.76 -0.28	19.53 1.90 -0.33	20.62 2.04 -0.24	22.15 2.20 0.23	23.04 2.26 -0.26	22.70 2.31 0.24	25.87 2.60 0.20	27.60 2.76 0.06	26.59 2.70 0.00	24.94 2.55 0.00	21.86 2.11 0.00	18.63 1.75 0.00	17.10 1.65 0.00	16.47 1.67 -0.02
RAVENSWOOD_GT_4 24252	15.45 1.42 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.60 1.37 0.00	16.02 1.55 0.00	16.66 1.65 0.38	18.61 1.74 -0.57	18.06 1.75 0.17	19.48 1.89 -0.29	19.78 2.02 0.60	19.11 2.18 3.25	23.02 2.24 -0.26	19.94 2.29 2.99	24.62 2.58 1.42	27.26 2.74 0.37	26.57 2.67 0.00	24.92 2.53 0.00	21.84 2.09 0.00	18.63 1.75 0.00	17.10 1.65 0.00	16.45 1.66 -0.02
RAVENSWOOD_GT_5 24254	15.45 1.42 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.60 1.37 0.00	16.02 1.55 0.00	16.66 1.65 0.38	18.61 1.74 -0.57	18.06 1.75 0.17	19.48 1.89 -0.29	19.78 2.02 0.60	19.11 2.18 3.25	23.02 2.24 -0.26	19.94 2.29 2.99	24.62 2.58 1.42	27.26 2.74 0.37	26.57 2.67 0.00	24.92 2.53 0.00	21.84 2.09 0.00	18.63 1.75 0.00	17.10 1.65 0.00	16.45 1.66 -0.02
RAVENSWOOD_GT_6 24253	15.45 1.42 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.60 1.37 0.00	16.02 1.55 0.00	16.66 1.65 0.38	18.61 1.74 -0.57	18.06 1.75 0.17	19.48 1.89 -0.29	19.78 2.02 0.60	19.11 2.18 3.25	23.02 2.24 -0.26	19.94 2.29 2.99	24.62 2.58 1.42	27.26 2.74 0.37	26.57 2.67 0.00	24.92 2.53 0.00	21.84 2.09 0.00	18.63 1.75 0.00	17.10 1.65 0.00	16.45 1.66 -0.02
RAVENSWOOD_GT_7 24255	15.45 1.42 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.60 1.37 0.00	16.02 1.55 0.00	16.66 1.65 0.38	18.61 1.74 -0.57	18.06 1.75 0.17	19.48 1.89 -0.29	19.78 2.02 0.60	19.11 2.18 3.25	23.02 2.24 -0.26	19.94 2.29 2.99	24.62 2.58 1.42	27.26 2.74 0.37	26.57 2.67 0.00	24.92 2.53 0.00	21.84 2.09 0.00	18.63 1.75 0.00	17.10 1.65 0.00	16.45 1.66 -0.02
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	15.46 1.43 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.60 1.37 0.00	16.03 1.56 0.00	17.02 1.66 0.04	18.62 1.76 -0.57	18.53 1.76 -0.28	19.53 1.90 -0.33	20.62 2.04 -0.24	22.15 2.20 0.23	23.04 2.26 -0.26	22.70 2.31 0.24	25.87 2.60 0.20	27.60 2.76 0.06	26.59 2.70 0.00	24.94 2.55 0.00	21.86 2.11 0.00	18.63 1.75 0.00	17.10 1.65 0.00	16.47 1.67 -0.02
RAVENSWOOD_GT_9 24257	15.46 1.43 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.60 1.37 0.00	16.03 1.56 0.00	17.02 1.66 0.04	18.62 1.76 -0.57	18.53 1.76 -0.28	19.53 1.90 -0.33	20.62 2.04 -0.24	22.15 2.20 0.23	23.04 2.26 -0.26	22.70 2.31 0.24	25.87 2.60 0.20	27.60 2.76 0.06	26.59 2.70 0.00	24.94 2.55 0.00	21.86 2.11 0.00	18.63 1.75 0.00	17.10 1.65 0.00	16.47 1.67 -0.02
RAVENSWOOD____1 23533	15.49 1.46 0.00	14.11 1.25 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.65 1.42 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.70 1.84 -0.57	19.50 1.85 -1.17	19.70 1.99 -0.40	22.33 2.13 -1.85	28.14 2.30 -5.66	23.14 2.36 -0.26	28.16 2.41 -5.11	28.36 2.72 -2.18	28.34 2.89 -0.56	26.71 2.82 -0.01	25.03 2.64 0.00	21.92 2.17 0.00	18.69 1.82 0.00	17.16 1.71 0.00	16.51 1.71 -0.02
RAVENSWOOD____2 23534	15.49 1.46 0.00	14.11 1.25 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.65 1.42 0.00	16.09 1.62 -0.01	17.74 1.74 -0.61	18.70 1.84 -0.57	19.49 1.85 -1.16	19.68 1.97 -0.40	22.33 2.13 -1.85	28.12 2.30 -5.64	23.14 2.36 -0.26	28.14 2.41 -5.09	28.35 2.72 -2.17	28.33 2.89 -0.56	26.71 2.82 -0.01	25.03 2.64 0.00	21.92 2.17 0.00	18.69 1.82 0.00	17.16 1.71 0.00	16.51 1.71 -0.02



RAVENSWOOD___3 23535	15.46 1.43 0.00	14.09 1.22 0.00	13.54 1.17 0.00	12.98 1.11 0.00	12.86 1.07 0.00	13.62 1.14 0.00	15.61 1.38 0.00	16.03 1.56 0.00	17.08 1.66 -0.02	18.62 1.76 -0.57	18.61 1.76 -0.36	19.54 1.90 -0.33	20.77 2.04 -0.38	22.69 2.20 -0.31	23.04 2.26 -0.26	23.19 2.31 -0.25	26.08 2.60 -0.02	27.65 2.76 0.00	26.61 2.72 0.00	24.94 2.55 0.00	21.86 2.11 0.00	18.64 1.77 0.00	17.10 1.65 0.00	16.47 1.67 -0.02
RAVENSWOOD___4 23820	15.49 1.46 0.00	14.11 1.25 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.65 1.42 0.00	16.09 1.62 -0.01	17.66 1.74 -0.53	18.70 1.84 -0.57	19.39 1.85 -1.05	19.67 1.97 -0.39	22.13 2.13 -1.65	27.40 2.30 -4.92	23.14 2.36 -0.26	27.46 2.39 -4.44	28.04 2.70 -1.88	28.26 2.89 -0.48	26.71 2.82 -0.01	25.03 2.64 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.16 1.71 0.00	16.51 1.71 -0.02
RCPL_TRUST___DRP 24196	15.49 1.46 0.00	14.11 1.25 0.00	13.56 1.20 0.00	13.00 1.14 0.00	12.89 1.10 0.00	13.64 1.16 0.00	15.63 1.40 0.00	16.06 1.59 0.00	17.14 1.72 -0.02	18.67 1.82 -0.55	18.65 1.81 -0.35	19.58 1.95 -0.32	20.83 2.11 -0.37	22.76 2.28 -0.30	23.11 2.34 -0.25	23.25 2.37 -0.24	26.15 2.67 -0.02	27.73 2.84 0.00	26.63 2.75 0.00	24.96 2.57 0.00	21.90 2.15 0.00	18.66 1.79 0.00	17.13 1.68 0.00	16.50 1.70 -0.02
RENSSELAER___COGEN 23796	14.91 0.84 -0.04	13.65 0.77 -0.01	13.14 0.75 -0.03	12.60 0.72 -0.01	12.51 0.72 0.00	13.21 0.72 0.00	15.01 0.78 0.00	15.19 0.72 0.00	16.01 0.62 0.00	16.95 0.65 0.00	17.11 0.63 0.00	18.00 0.69 0.00	19.14 0.77 -0.01	21.06 0.81 -0.07	21.43 0.82 -0.09	21.59 0.83 -0.13	24.62 0.99 -0.17	26.18 1.07 -0.22	25.15 1.08 -0.19	23.61 1.07 -0.14	20.62 0.81 -0.06	17.55 0.68 0.00	16.09 0.65 0.00	15.42 0.64 0.00
REVERE_CPPR_DRP 24186	14.45 0.46 0.04	13.23 0.37 0.01	12.68 0.35 0.03	12.18 0.33 0.01	12.13 0.34 0.00	12.89 0.41 0.00	14.77 0.54 0.00	15.07 0.61 0.00	16.04 0.65 0.00	17.03 0.73 0.00	17.21 0.72 0.00	18.10 0.80 0.00	19.14 0.81 0.01	20.96 0.85 0.07	21.40 0.96 0.09	21.47 0.97 0.13	24.42 1.13 0.17	25.79 1.12 0.22	24.78 1.08 0.19	23.32 1.07 0.15	20.65 0.97 0.06	17.68 0.81 0.00	16.06 0.62 0.00	15.31 0.53 0.00
RIVERBAY___ 323610	15.41 1.38 0.00	14.02 1.16 0.01	13.47 1.11 0.01	12.90 1.04 0.01	12.79 1.01 0.01	13.55 1.07 0.01	15.56 1.34 0.01	16.01 1.55 0.01	17.07 1.66 -0.01	18.36 1.74 -0.32	18.60 1.76 -0.35	19.51 1.89 -0.32	20.74 2.02 -0.37	22.64 2.16 -0.30	23.01 2.24 -0.25	23.16 2.29 -0.24	26.05 2.58 -0.01	27.60 2.71 0.01	26.58 2.53 0.01	24.91 2.53 0.01	21.79 2.05 0.01	18.57 1.70 0.01	17.06 1.62 0.01	16.42 1.63 -0.01
ROCHESTER_9_IC 23652	13.92 -0.11 0.00	12.85 -0.01 0.00	12.24 -0.12 0.00	11.73 -0.13 0.00	11.68 -0.11 0.00	12.43 -0.05 0.00	14.22 -0.01 0.00	14.65 0.19 0.00	15.72 0.32 0.00	16.83 0.54 0.00	17.18 0.69 0.00	18.00 0.69 0.00	19.12 0.77 0.00	21.21 1.03 0.00	21.53 1.01 0.00	21.56 0.93 0.00	24.49 1.03 0.00	25.74 0.89 0.05	24.53 0.72 0.08	22.85 0.49 0.03	20.44 0.69 0.00	17.50 0.62 0.00	15.81 0.37 0.00	14.99 0.21 0.00
ROSETON___1 23587	15.15 1.12 0.00	13.86 0.99 0.00	13.31 0.95 0.00	12.76 0.90 0.00	12.67 0.88 0.00	13.39 0.91 0.00	15.30 1.07 0.00	15.67 1.20 0.00	16.67 1.28 0.00	17.63 1.34 0.00	17.82 1.33 0.00	18.76 1.45 0.00	19.91 1.56 0.00	21.86 1.67 0.00	22.24 1.72 0.00	22.41 1.77 0.00	25.46 1.99 0.00	27.03 2.14 0.00	25.99 2.10 0.00	24.38 1.99 0.00	21.38 1.64 0.00	18.24 1.37 0.00	16.72 1.28 0.00	16.08 1.30 0.00
ROSETON___2 23588	15.15 1.12 0.00	13.86 0.99 0.00	13.31 0.95 0.00	12.76 0.90 0.00	12.67 0.88 0.00	13.39 0.91 0.00	15.30 1.07 0.00	15.67 1.20 0.00	16.67 1.28 0.00	17.63 1.34 0.00	17.82 1.33 0.00	18.76 1.45 0.00	19.91 1.56 0.00	21.86 1.67 0.00	22.24 1.72 0.00	22.41 1.77 0.00	25.46 1.99 0.00	27.03 2.14 0.00	25.99 2.10 0.00	24.38 1.99 0.00	21.38 1.64 0.00	18.24 1.37 0.00	16.72 1.28 0.00	16.08 1.30 0.00
RUSSELL___1 23602	13.96 -0.07 0.00	12.89 0.03 0.00	12.27 -0.09 0.00	11.77 -0.10 0.00	11.72 -0.07 0.00	12.46 -0.02 0.00	14.26 0.03 0.00	14.71 0.25 0.00	15.78 0.39 0.00	16.90 0.60 0.00	17.24 0.76 0.00	18.07 0.76 0.00	19.20 0.84 0.00	21.35 1.17 0.00	21.65 1.13 0.00	21.68 1.05 0.00	24.66 1.20 0.00	25.94 1.09 0.05	24.70 0.88 0.08	23.01 0.65 0.03	20.57 0.83 0.00	17.61 0.74 0.00	15.91 0.46 0.00	15.06 0.28 0.00
RUSSELL___2 23532	13.96 -0.07 0.00	12.89 0.03 0.00	12.27 -0.09 0.00	11.77 -0.10 0.00	11.72 -0.07 0.00	12.46 -0.02 0.00	14.26 0.03 0.00	14.71 0.25 0.00	15.78 0.39 0.00	16.90 0.60 0.00	17.24 0.76 0.00	18.07 0.76 0.00	19.20 0.84 0.00	21.35 1.17 0.00	21.65 1.13 0.00	21.68 1.05 0.00	24.66 1.20 0.00	25.94 1.09 0.05	24.70 0.88 0.08	23.01 0.65 0.03	20.57 0.83 0.00	17.61 0.74 0.00	15.91 0.46 0.00	15.06 0.28 0.00
RUSSELL___3 23549	13.96 -0.07 0.00	12.89 0.03 0.00	12.27 -0.09 0.00	11.77 -0.10 0.00	11.72 -0.07 0.00	12.46 -0.02 0.00	14.26 0.03 0.00	14.71 0.25 0.00	15.78 0.39 0.00	16.90 0.60 0.00	17.24 0.76 0.00	18.07 0.76 0.00	19.20 0.84 0.00	21.35 1.17 0.00	21.65 1.13 0.00	21.68 1.05 0.00	24.66 1.20 0.00	25.94 1.09 0.05	24.70 0.88 0.08	23.01 0.65 0.03	20.57 0.83 0.00	17.61 0.74 0.00	15.91 0.46 0.00	15.06 0.28 0.00
RUSSELL___4 23556	13.96 -0.07 0.00	12.89 0.03 0.00	12.27 -0.09 0.00	11.77 -0.10 0.00	11.72 -0.07 0.00	12.46 -0.02 0.00	14.26 0.03 0.00	14.71 0.25 0.00	15.78 0.39 0.00	16.90 0.60 0.00	17.24 0.76 0.00	18.07 0.76 0.00	19.20 0.84 0.00	21.35 1.17 0.00	21.65 1.13 0.00	21.68 1.05 0.00	24.66 1.20 0.00	25.94 1.09 0.05	24.70 0.88 0.08	23.01 0.65 0.03	20.57 0.83 0.00	17.61 0.74 0.00	15.91 0.46 0.00	15.06 0.28 0.00
RUSSELL___STATION 23914	13.96 -0.07 0.00	12.89 0.03 0.00	12.27 -0.09 0.00	11.77 -0.10 0.00	11.72 -0.07 0.00	12.46 -0.02 0.00	14.26 0.03 0.00	14.71 0.25 0.00	15.78 0.39 0.00	16.90 0.60 0.00	17.24 0.76 0.00	18.07 0.76 0.00	19.20 0.84 0.00	21.35 1.17 0.00	21.65 1.13 0.00	21.68 1.05 0.00	24.66 1.20 0.00	25.94 1.09 0.05	24.70 0.88 0.08	23.01 0.65 0.03	20.57 0.83 0.00	17.61 0.74 0.00	15.91 0.46 0.00	15.06 0.28 0.00
S SALMON___HYD 24043	13.97 0.03 0.09	12.86 0.01 0.02	12.29 -0.01 0.06	11.82 -0.01 0.03	11.79 0.00 0.00	12.52 0.04 0.00	14.32 0.09 0.00	14.52 0.06 0.00	15.49 0.09 0.00	16.46 0.16 0.00	16.67 0.18 0.00	17.51 0.21 0.00	18.52 0.20 0.03	20.22 0.20 0.17	20.55 0.23 0.20	20.50 0.16 0.30	23.23 0.17 0.40	24.54 0.15 0.51	23.55 0.10 0.43	22.21 0.16 0.34	19.88 0.28 0.14	17.11 0.24 0.00	15.57 0.12 0.00	14.81 0.03 0.00



SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.79 -0.24 0.00	12.81 -0.05 0.00	12.15 -0.21 0.00	11.66 -0.20 0.00	11.61 -0.18 0.00	12.54 0.06 0.00	14.27 0.04 0.00	14.92 0.45 0.00	18.43 0.66 -2.38	21.18 0.96 -3.93	26.71 1.22 -9.01	30.80 1.21 -12.29	31.95 1.28 -12.31	31.22 1.27 -9.76	32.39 1.27 -10.60	32.08 1.07 -10.37	34.60 1.17 -9.97	36.82 0.77 -11.16	31.87 0.57 -7.41	23.47 0.25 -0.84	20.46 0.71 0.00	17.55 0.68 0.00	15.83 0.39 0.00	15.00 0.22 0.00
SELKIRK___I 23801	14.82 0.79 0.00	13.59 0.72 0.00	13.07 0.70 0.00	12.54 0.68 0.00	12.46 0.67 0.00	13.15 0.67 0.00	14.96 0.73 0.00	15.19 0.72 0.00	16.07 0.68 0.00	16.99 0.70 0.00	17.16 0.68 0.00	18.07 0.76 0.00	19.18 0.83 0.00	21.07 0.89 0.00	21.42 0.90 0.00	21.54 0.91 0.00	24.52 1.06 0.00	26.04 1.15 0.00	25.04 1.15 0.00	23.51 1.12 0.00	20.63 0.89 0.00	17.61 0.74 0.00	16.15 0.71 0.00	15.48 0.69 0.00
SELKIRK___II 23799	14.82 0.79 0.00	13.57 0.71 0.00	13.07 0.70 0.00	12.54 0.68 0.00	12.46 0.67 0.00	13.15 0.67 0.00	14.94 0.71 0.00	15.19 0.72 0.00	16.07 0.68 0.00	16.99 0.70 0.00	17.16 0.68 0.00	18.07 0.76 0.00	19.18 0.83 0.00	21.07 0.89 0.00	21.42 0.90 0.00	21.54 0.91 0.00	24.49 1.03 0.00	26.01 1.12 0.00	25.04 1.15 0.00	23.51 1.12 0.00	20.63 0.89 0.00	17.61 0.74 0.00	16.15 0.71 0.00	15.46 0.68 0.00
SENECA OSWGO___HYD 24041	14.10 0.07 0.00	12.94 0.08 0.00	12.40 0.04 0.00	11.90 0.04 0.00	11.81 0.02 0.00	12.52 0.04 0.00	14.32 0.09 0.00	14.47 0.00 0.00	15.44 0.05 0.00	16.41 0.11 0.00	16.65 0.16 0.00	17.48 0.17 0.00	18.52 0.16 0.00	20.34 0.21 0.00	20.73 0.21 0.00	20.82 0.19 0.00	23.65 0.19 0.00	24.99 0.10 0.00	24.01 0.12 0.00	22.48 0.09 0.00	19.86 0.12 0.00	16.97 0.10 0.00	15.47 0.03 0.00	14.81 0.03 0.00
SENECA___ENERGY 23797	13.95 -0.08 0.00	12.83 -0.04 0.00	12.26 -0.10 0.00	11.77 -0.10 0.00	11.71 -0.08 0.00	12.46 -0.02 0.00	14.23 0.00 0.00	14.58 0.12 0.00	15.58 0.19 0.00	16.59 0.29 0.00	16.85 0.36 0.00	17.65 0.35 0.00	18.74 0.39 0.00	20.54 0.36 0.00	20.89 0.37 0.00	20.96 0.33 0.00	23.84 0.37 0.00	25.19 0.30 0.00	24.13 0.24 0.00	22.52 0.14 0.00	20.00 0.26 0.00	17.14 0.27 0.00	15.57 0.12 0.00	14.87 0.09 0.00
SHOEMAKER___GT 23640	15.01 0.98 0.00	13.73 0.86 0.00	13.18 0.82 0.00	12.65 0.78 0.00	12.54 0.76 0.00	13.27 0.79 0.00	15.14 0.91 0.00	15.49 1.03 0.00	16.50 1.11 0.00	17.45 1.16 0.00	17.64 1.15 0.00	18.55 1.25 0.00	19.71 1.36 0.00	21.65 1.47 0.00	22.02 1.50 0.00	22.18 1.55 0.00	25.20 1.74 0.00	26.76 1.87 0.00	25.73 1.84 0.00	24.11 1.72 0.00	21.19 1.44 0.00	18.10 1.23 0.00	16.59 1.14 0.00	15.90 1.12 0.00
SHOREHAM_IC_1 23715	16.27 2.12 -0.12	14.75 1.88 -0.01	14.08 1.71 -0.01	13.44 1.58 0.00	13.41 1.62 -0.01	14.25 1.76 -0.01	16.67 2.08 -0.36	20.20 2.24 -3.49	21.18 2.32 -3.46	23.14 2.46 -4.39	23.62 2.37 -4.76	24.21 2.54 -4.36	26.13 2.75 -5.03	27.28 3.03 -4.07	36.11 3.28 -12.31	38.42 3.34 -14.45	44.70 3.92 -17.32	52.04 4.13 -23.02	40.77 4.01 -12.87	36.35 3.67 -10.29	43.36 3.10 -20.52	24.30 2.58 -4.85	23.09 2.38 -5.27	20.88 2.36 -3.73
SHOREHAM_IC_2 23716	16.27 2.12 -0.12	14.75 1.88 -0.01	14.08 1.71 -0.01	13.44 1.58 0.00	13.41 1.62 -0.01	14.25 1.76 -0.01	16.67 2.08 -0.36	20.20 2.24 -3.49	21.18 2.32 -3.46	23.14 2.46 -4.39	23.62 2.37 -4.76	24.21 2.54 -4.36	26.13 2.75 -5.03	27.28 3.03 -4.07	36.11 3.28 -12.31	38.42 3.34 -14.45	44.70 3.92 -17.32	52.04 4.13 -23.02	40.77 4.01 -12.87	36.35 3.67 -10.29	43.36 3.10 -20.52	24.30 2.58 -4.85	23.09 2.38 -5.27	20.88 2.36 -3.73
SISSONVILLE____ 23735	12.48 -0.56 0.99	12.08 -0.55 0.23	11.17 -0.52 0.68	11.05 -0.50 0.31	11.34 -0.45 0.00	12.03 -0.45 0.00	13.73 -0.50 0.00	14.02 -0.45 0.00	14.92 -0.48 0.00	15.79 -0.51 0.00	15.89 -0.59 0.00	16.65 -0.66 0.00	17.22 -0.77 0.36	17.46 -0.87 1.85	17.57 -0.78 2.18	16.46 -0.87 3.31	17.78 -1.24 4.44	18.00 -1.30 5.60	17.85 -1.24 4.80	17.85 -0.83 3.71	17.54 -0.67 1.54	16.37 -0.51 0.00	14.95 -0.49 0.00	14.26 -0.52 0.00
SITHE_IND_GS1 24169	13.75 -0.28 0.00	12.62 -0.24 0.00	12.11 -0.25 0.00	11.63 -0.24 0.00	11.55 -0.24 0.00	12.24 -0.24 0.00	13.98 -0.26 0.00	14.15 -0.32 0.00	15.07 -0.32 0.00	15.98 -0.31 0.00	16.22 -0.26 0.00	17.03 -0.28 0.00	18.04 -0.31 0.00	19.84 -0.34 0.00	20.17 -0.35 0.00	20.28 -0.35 0.00	23.04 -0.42 0.00	24.39 -0.50 0.00	23.39 -0.50 0.00	21.90 -0.49 0.00	19.37 -0.38 0.00	16.55 -0.32 0.00	15.10 -0.34 0.00	14.43 -0.35 0.00
SITHE_IND_GS2 24170	13.75 -0.28 0.00	12.62 -0.24 0.00	12.11 -0.25 0.00	11.63 -0.24 0.00	11.55 -0.24 0.00	12.24 -0.24 0.00	13.98 -0.26 0.00	14.15 -0.32 0.00	15.07 -0.32 0.00	15.98 -0.31 0.00	16.22 -0.26 0.00	17.03 -0.28 0.00	18.04 -0.31 0.00	19.84 -0.34 0.00	20.17 -0.35 0.00	20.28 -0.35 0.00	23.04 -0.42 0.00	24.39 -0.50 0.00	23.39 -0.50 0.00	21.90 -0.49 0.00	19.37 -0.38 0.00	16.55 -0.32 0.00	15.10 -0.34 0.00	14.43 -0.35 0.00
SITHE_IND_GS3 24171	13.75 -0.28 0.00	12.62 -0.24 0.00	12.11 -0.25 0.00	11.63 -0.24 0.00	11.55 -0.24 0.00	12.24 -0.24 0.00	13.98 -0.26 0.00	14.15 -0.32 0.00	15.07 -0.32 0.00	15.98 -0.31 0.00	16.22 -0.26 0.00	17.03 -0.28 0.00	18.04 -0.31 0.00	19.84 -0.34 0.00	20.17 -0.35 0.00	20.28 -0.35 0.00	23.04 -0.42 0.00	24.39 -0.50 0.00	23.39 -0.50 0.00	21.90 -0.49 0.00	19.37 -0.38 0.00	16.55 -0.32 0.00	15.10 -0.34 0.00	14.43 -0.35 0.00
SITHE_IND_GS4 24172	13.75 -0.28 0.00	12.62 -0.24 0.00	12.11 -0.25 0.00	11.63 -0.24 0.00	11.55 -0.24 0.00	12.24 -0.24 0.00	13.98 -0.26 0.00	14.15 -0.32 0.00	15.07 -0.32 0.00	15.98 -0.31 0.00	16.22 -0.26 0.00	17.03 -0.28 0.00	18.04 -0.31 0.00	19.84 -0.34 0.00	20.17 -0.35 0.00	20.28 -0.35 0.00	23.04 -0.42 0.00	24.39 -0.50 0.00	23.39 -0.50 0.00	21.90 -0.49 0.00	19.37 -0.38 0.00	16.55 -0.32 0.00	15.10 -0.34 0.00	14.43 -0.35 0.00
SITHE___BATAVIA 24024	14.04 0.01 0.00	13.01 0.14 0.00	12.35 -0.01 0.00	11.84 -0.02 0.00	11.78 -0.01 0.00	12.63 0.15 0.00	14.47 0.24 0.00	15.09 0.62 0.00	15.96 0.83 0.26	18.74 1.14 -1.30	16.90 1.38 0.97	17.36 1.38 1.33	18.51 1.49 1.33	25.19 1.74 -3.27	25.89 1.81 -3.56	25.80 1.69 -3.48	28.70 1.90 -3.34	30.28 1.54 -3.84	27.92 1.39 -2.65	23.74 1.01 -0.34	20.97 1.22 0.00	17.98 1.11 0.00	16.18 0.74 0.00	15.31 0.53 0.00
SITHE___INDEPEND 23800	13.75 -0.28 0.00	12.62 -0.24 0.00	12.11 -0.25 0.00	11.63 -0.24 0.00	11.55 -0.24 0.00	12.24 -0.24 0.00	13.98 -0.26 0.00	14.15 -0.32 0.00	15.07 -0.32 0.00	15.98 -0.31 0.00	16.22 -0.26 0.00	17.03 -0.28 0.00	18.04 -0.31 0.00	19.84 -0.34 0.00	20.17 -0.35 0.00	20.28 -0.35 0.00	23.04 -0.42 0.00	24.39 -0.50 0.00	23.39 -0.50 0.00	21.90 -0.49 0.00	19.37 -0.38 0.00	16.55 -0.32 0.00	15.10 -0.34 0.00	14.43 -0.35 0.00



SITHE___MASSENA 23902	12.15 -0.67 1.20	11.95 -0.63 0.28	10.95 -0.59 0.82	10.91 -0.57 0.38	11.26 -0.53 0.00	11.92 -0.56 0.00	13.59 -0.64 0.00	13.85 -0.62 0.00	14.73 -0.66 0.00	15.56 -0.73 0.00	15.69 -0.79 0.00	16.42 -0.88 0.00	16.92 -0.99 0.44	16.84 -1.09 2.25	16.81 -1.07 2.64	15.54 -1.07 4.02	16.83 -1.24 5.39	16.80 -1.30 6.80	16.85 -1.22 5.82	16.81 -1.07 4.51	16.87 -1.01 1.87	16.08 -0.79 0.00	14.73 -0.71 0.00	14.12 -0.66 0.00
SITHE___OGDNSBRG 24021	12.33 -0.63 1.07	11.99 -0.62 0.25	11.05 -0.58 0.73	10.97 -0.56 0.34	11.28 -0.51 0.00	11.97 -0.51 0.00	13.68 -0.56 0.00	13.96 -0.51 0.00	14.86 -0.54 0.00	15.71 -0.59 0.00	15.81 -0.68 0.00	16.56 -0.74 0.00	17.08 -0.88 0.39	17.23 -0.95 2.01	17.26 -0.90 2.36	16.14 -0.91 3.58	17.51 -1.15 4.81	17.64 -1.19 6.06	17.55 -1.15 5.19	17.49 -0.87 4.02	17.31 -0.77 1.67	16.28 -0.59 0.00	14.87 -0.57 0.00	14.19 -0.59 0.00
SITHE___STERLING 23777	14.42 0.39 0.00	13.20 0.33 0.00	12.67 0.31 0.00	12.16 0.30 0.00	12.08 0.29 0.00	12.84 0.36 0.00	14.70 0.47 0.00	15.00 0.54 0.00	15.98 0.58 0.00	16.96 0.67 0.00	17.16 0.68 0.00	18.03 0.73 0.00	19.11 0.75 0.00	20.97 0.79 0.00	21.40 0.88 0.00	21.50 0.87 0.00	24.47 1.01 0.00	25.89 1.00 0.00	24.87 0.98 0.00	23.33 0.94 0.00	20.59 0.85 0.00	17.58 0.71 0.00	16.00 0.56 0.00	15.27 0.49 0.00
SOUTH CAIRO___GT 23612	15.25 1.22 0.00	13.93 1.07 0.00	13.37 1.01 0.00	12.85 0.98 0.00	12.73 0.94 0.00	13.43 0.95 0.00	15.36 1.12 0.00	15.68 1.22 0.00	16.67 1.28 0.00	17.66 1.37 0.00	17.84 1.35 0.00	18.79 1.49 0.00	19.97 1.62 0.00	21.94 1.75 0.00	22.26 1.74 0.00	22.43 1.79 0.00	25.50 2.04 0.00	27.21 2.32 0.00	26.09 2.20 0.00	24.47 2.08 0.00	21.46 1.72 0.00	18.37 1.50 0.00	16.80 1.36 0.00	16.02 1.24 0.00
SOUTH HAMPTN___IC 23720	16.66 2.51 -0.12	15.11 2.24 -0.01	14.41 2.04 -0.01	13.75 1.89 0.00	13.73 1.93 -0.01	14.59 2.10 -0.01	17.07 2.48 -0.36	20.60 2.65 -3.49	21.64 2.79 -3.46	23.65 2.97 -4.39	24.21 2.97 -4.76	24.83 3.17 -4.36	26.83 3.45 -5.03	28.09 3.84 -4.08	37.18 4.06 -12.60	39.57 4.13 -14.81	46.15 4.81 -17.87	53.73 5.08 -23.76	42.07 4.90 -13.28	37.47 4.50 -10.58	44.68 3.79 -21.15	24.89 3.17 -4.85	23.60 2.89 -5.27	21.35 2.84 -3.73
SOUTHOLD___IC 23719	17.02 2.88 -0.12	15.45 2.57 -0.01	14.71 2.34 -0.01	14.03 2.17 0.00	14.01 2.22 -0.01	14.90 2.41 -0.01	17.44 2.85 -0.36	20.99 3.04 -3.49	22.05 3.20 -3.46	24.10 3.42 -4.39	24.71 3.46 -4.76	25.37 3.70 -4.36	27.40 4.02 -5.03	28.66 4.40 -4.08	37.87 4.76 -12.59	40.30 4.87 -14.80	46.97 5.65 -17.85	54.50 5.87 -23.74	42.91 5.76 -13.27	38.26 5.31 -10.57	45.23 4.36 -21.12	25.36 3.64 -4.85	23.99 3.27 -5.27	21.78 3.27 -3.73
ST LAWRENCE___ 23600	12.11 -0.67 1.25	11.94 -0.63 0.29	10.92 -0.59 0.85	10.90 -0.57 0.39	11.23 -0.55 0.00	11.89 -0.59 0.00	13.56 -0.67 0.00	13.79 -0.68 0.00	14.67 -0.72 0.00	15.48 -0.81 0.00	15.63 -0.86 0.00	16.37 -0.93 0.00	16.87 -1.03 0.45	16.72 -1.13 2.33	16.66 -1.13 2.74	15.36 -1.11 4.16	16.59 -1.29 5.58	16.51 -1.34 7.04	16.59 -1.27 6.03	16.55 -1.17 4.67	16.74 -1.07 1.93	15.99 -0.88 0.00	14.67 -0.77 0.00	14.07 -0.71 0.00
STATION 5_MISC_HYD 23604	13.92 -0.11 0.00	12.85 -0.01 0.00	12.24 -0.12 0.00	11.73 -0.13 0.00	11.68 -0.11 0.00	12.43 -0.05 0.00	14.22 -0.01 0.00	14.65 0.19 0.00	15.72 0.32 0.00	16.83 0.54 0.00	17.18 0.69 0.00	18.00 0.69 0.00	19.12 0.77 0.00	21.21 1.03 0.00	21.53 1.01 0.00	21.56 0.93 0.00	24.49 1.03 0.00	25.74 0.89 0.05	24.53 0.72 0.08	22.85 0.49 0.03	20.44 0.69 0.00	17.50 0.62 0.00	15.81 0.37 0.00	14.99 0.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	13.99 -0.04 0.00	12.88 0.01 0.00	12.30 -0.06 0.00	11.79 -0.07 0.00	11.73 -0.06 0.00	12.46 -0.02 0.00	14.27 0.04 0.00	14.68 0.22 0.00	15.70 0.31 0.00	16.77 0.47 0.00	17.08 0.59 0.00	17.89 0.59 0.00	18.99 0.64 0.00	21.01 0.83 0.00	21.38 0.86 0.00	21.46 0.83 0.00	24.38 0.91 0.00	25.69 0.80 0.00	24.58 0.69 0.00	22.90 0.52 0.00	20.36 0.61 0.00	17.43 0.56 0.00	15.78 0.34 0.00	15.02 0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.81 -0.23 0.00	12.75 -0.12 0.00	12.15 -0.21 0.00	11.65 -0.21 0.00	11.59 -0.20 0.00	12.33 -0.15 0.00	14.10 -0.13 0.00	14.52 0.06 0.00	15.57 0.17 0.00	16.65 0.36 0.00	17.00 0.51 0.00	17.81 0.50 0.00	18.92 0.57 0.00	20.99 0.81 0.00	21.30 0.78 0.00	21.14 0.70 0.20	24.07 0.80 0.19	25.30 0.65 0.23	24.22 0.50 0.17	22.65 0.29 0.03	20.24 0.49 0.00	17.31 0.44 0.00	15.66 0.22 0.00	14.86 0.07 0.00
STEEL___WIND 323596	14.02 -0.01 0.00	13.02 0.15 0.00	12.35 -0.01 0.00	11.85 -0.01 0.00	11.79 0.00 0.00	12.77 0.29 0.00	14.56 0.33 0.00	15.25 0.78 0.00	18.54 1.05 -2.10	20.64 1.38 -2.96	26.03 1.63 -7.92	29.74 1.64 -10.79	30.89 1.72 -10.82	29.25 1.74 -7.33	30.26 1.77 -7.97	30.02 1.59 -7.80	32.69 1.74 -7.49	34.74 1.34 -8.51	30.77 1.12 -5.76	23.85 0.76 -0.70	20.89 1.14 0.00	17.92 1.05 0.00	16.15 0.71 0.00	15.28 0.50 0.00
STEBEN_REC_LFGE 323667	14.31 0.28 0.00	13.21 0.35 0.00	12.57 0.21 0.00	12.08 0.21 0.00	12.02 0.24 0.00	12.92 0.44 0.00	14.77 0.54 0.00	15.46 1.00 0.00	17.14 1.25 -0.50	18.42 1.50 -0.63	20.06 1.68 -1.90	21.54 1.64 -2.59	22.67 1.72 -2.59	23.44 1.71 -1.55	23.99 1.78 -1.68	23.95 1.65 -1.66	26.94 1.88 -1.60	28.39 1.64 -1.86	26.69 1.51 -1.30	23.77 1.21 -0.17	21.15 1.40 0.00	18.14 1.27 0.00	16.40 0.96 0.00	15.61 0.83 0.00
STONY___BROOK 24151	16.18 2.03 -0.12	14.70 1.83 -0.01	14.01 1.64 -0.01	13.37 1.51 0.00	13.35 1.56 -0.01	14.19 1.70 -0.01	16.61 2.02 -0.36	20.15 2.20 -3.49	21.18 2.32 -3.45	23.14 2.46 -4.39	23.65 2.41 -4.76	24.22 2.56 -4.36	26.15 2.77 -5.02	27.26 3.01 -4.07	34.03 3.24 -10.27	35.67 3.16 -11.88	40.57 3.71 -13.40	46.52 3.86 -17.77	37.65 3.82 -9.94	34.09 3.47 -8.23	38.82 3.00 -16.08	24.21 2.50 -4.85	23.01 2.30 -5.27	20.83 2.32 -3.73
STURGEON_POOL_HYD 23609	15.11 1.08 0.00	13.82 0.95 0.00	13.28 0.91 0.00	12.73 0.87 0.00	12.63 0.84 0.00	13.33 0.85 0.00	15.24 1.01 0.00	15.60 1.13 0.00	16.61 1.22 0.00	17.56 1.27 0.00	17.76 1.27 0.00	18.69 1.38 0.00	19.84 1.49 0.00	21.71 1.53 0.00	22.16 1.64 0.00	22.32 1.69 0.00	25.36 1.90 0.00	26.88 1.99 0.00	25.92 2.03 0.00	24.29 1.90 0.00	21.23 1.48 0.00	18.14 1.27 0.00	16.63 1.19 0.00	16.04 1.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	15.13 1.10 0.00	13.82 0.95 0.00	13.28 0.91 0.00	12.74 0.88 0.00	12.63 0.84 0.00	13.35 0.87 0.00	15.27 1.04 0.00	15.62 1.16 0.00	16.64 1.25 0.00	17.60 1.30 0.00	17.79 1.30 0.00	18.72 1.42 0.00	19.87 1.52 0.00	21.80 1.62 0.00	22.20 1.68 0.00	22.37 1.73 0.00	25.41 1.95 0.00	26.93 2.04 0.00	25.94 2.05 0.00	24.31 1.93 0.00	21.30 1.56 0.00	18.19 1.32 0.00	16.66 1.22 0.00	16.04 1.26 0.00



SYNERGY___BIOGAS 323694	14.04 0.01 0.00	13.01 0.14 0.00	12.35 -0.01 0.00	11.84 -0.02 0.00	11.78 -0.01 0.00	12.63 0.15 0.00	14.47 0.24 0.00	15.09 0.62 0.00	15.96 0.83 0.26	18.74 1.14 -1.30	16.90 1.38 0.97	17.36 1.38 1.33	18.51 1.49 1.33	25.19 1.74 -3.27	25.89 1.81 -3.56	25.80 1.69 -3.48	28.70 1.90 -3.34	30.28 1.54 -3.84	27.92 1.39 -2.65	23.74 1.01 -0.34	20.97 1.22 0.00	17.98 1.11 0.00	16.18 0.74 0.00	15.31 0.53 0.00
SYRACUSE___ENERGY_ST1 323597	14.07 0.04 0.00	12.92 0.05 0.00	12.39 0.02 0.00	11.89 0.02 0.00	11.81 0.02 0.00	12.52 0.04 0.00	14.30 0.07 0.00	14.54 0.07 0.00	15.53 0.14 0.00	16.50 0.21 0.00	16.73 0.25 0.00	17.58 0.28 0.00	18.63 0.28 0.00	20.44 0.26 0.00	20.81 0.29 0.00	20.90 0.27 0.00	23.75 0.28 0.00	25.09 0.20 0.00	24.08 0.19 0.00	22.55 0.16 0.00	19.94 0.20 0.00	17.04 0.17 0.00	15.54 0.09 0.00	14.87 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	14.07 0.04 0.00	12.92 0.05 0.00	12.39 0.02 0.00	11.89 0.02 0.00	11.81 0.02 0.00	12.52 0.04 0.00	14.30 0.07 0.00	14.54 0.07 0.00	15.53 0.14 0.00	16.50 0.21 0.00	16.73 0.25 0.00	17.58 0.28 0.00	18.63 0.28 0.00	20.44 0.26 0.00	20.81 0.29 0.00	20.90 0.27 0.00	23.75 0.28 0.00	25.09 0.20 0.00	24.08 0.19 0.00	22.55 0.16 0.00	19.94 0.20 0.00	17.04 0.17 0.00	15.54 0.09 0.00	14.87 0.09 0.00
SYRACUSE___POWER 24017	14.10 0.07 0.00	12.94 0.08 0.00	12.40 0.04 0.00	11.90 0.04 0.00	11.82 0.04 0.00	12.54 0.06 0.00	14.33 0.10 0.00	14.61 0.14 0.00	15.60 0.20 0.00	16.57 0.28 0.00	16.80 0.31 0.00	17.65 0.35 0.00	18.68 0.33 0.00	20.52 0.34 0.00	20.87 0.35 0.00	20.96 0.33 0.00	23.82 0.35 0.00	25.19 0.30 0.00	24.18 0.29 0.00	22.61 0.22 0.00	20.04 0.30 0.00	17.12 0.25 0.00	15.61 0.17 0.00	14.91 0.13 0.00
TRIGEN___CC 323695	15.70 1.56 -0.11	14.26 1.39 0.00	13.62 1.26 0.00	13.03 1.16 0.00	12.97 1.18 0.00	13.76 1.27 0.00	16.09 1.51 -0.35	19.64 1.68 -3.49	20.63 1.79 -3.45	22.54 1.87 -4.38	23.07 1.83 -4.75	23.63 1.97 -4.35	25.48 2.11 -5.02	26.50 2.26 -4.06	26.39 2.34 -3.53	26.41 2.37 -3.40	26.69 2.79 -0.44	28.27 2.94 -0.44	27.04 2.89 -0.26	26.44 2.62 -1.43	23.34 2.19 -1.41	23.54 1.84 -4.83	22.47 1.76 -5.26	20.28 1.77 -3.72
UNION___PROCESSING_DRP 323587	13.89 -0.14 0.00	12.83 -0.04 0.00	12.23 -0.14 0.00	11.72 -0.14 0.00	11.66 -0.13 0.00	12.42 -0.06 0.00	14.20 -0.03 0.00	14.64 0.17 0.00	15.69 0.29 0.00	16.80 0.51 0.00	17.16 0.68 0.00	17.96 0.66 0.00	19.09 0.73 0.00	21.17 0.99 0.00	21.46 0.94 0.00	21.50 0.87 0.00	24.43 0.96 0.00	25.67 0.82 0.04	24.48 0.65 0.06	22.79 0.42 0.02	20.40 0.65 0.00	17.46 0.59 0.00	15.78 0.34 0.00	14.96 0.18 0.00
UPPER HUDSON___HYD 24058	15.15 1.07 -0.06	13.79 0.91 -0.01	13.25 0.85 -0.04	12.71 0.83 -0.02	12.65 0.86 0.00	13.38 0.90 0.00	15.16 0.92 0.00	15.49 1.03 0.00	16.49 1.09 0.00	17.45 1.16 0.00	17.43 0.94 0.00	18.33 1.02 0.00	19.47 1.10 -0.02	21.52 1.23 -0.11	21.75 1.11 -0.12	21.94 1.11 -0.19	25.17 1.46 -0.25	27.05 1.84 -0.32	25.96 1.79 -0.28	24.50 1.90 -0.21	21.35 1.52 -0.09	18.09 1.22 0.00	16.56 1.11 0.00	15.74 0.96 0.00
UPPER RAQUET___HYD 24056	12.48 -0.56 0.99	12.08 -0.55 0.23	11.17 -0.52 0.68	11.05 -0.50 0.31	11.34 -0.45 0.00	12.03 -0.45 0.00	13.73 -0.50 0.00	14.02 -0.45 0.00	14.92 -0.48 0.00	15.79 -0.51 0.00	15.89 -0.59 0.00	16.65 -0.66 0.00	17.22 -0.77 0.36	17.46 -0.87 1.85	17.57 -0.78 2.18	16.46 -0.87 3.31	17.78 -1.24 4.44	18.00 -1.30 5.60	17.85 -1.24 4.80	17.85 -0.83 3.71	17.54 -0.67 1.54	16.37 -0.51 0.00	14.95 -0.49 0.00	14.26 -0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	14.70 0.67 0.00	13.47 0.60 0.00	12.95 0.59 0.00	12.43 0.57 0.00	12.35 0.57 0.00	13.08 0.60 0.00	14.91 0.68 0.00	15.26 0.80 0.00	16.29 0.86 -0.03	17.32 0.93 -0.10	17.55 0.94 -0.12	18.48 1.00 -0.17	19.60 1.08 -0.17	21.75 1.31 -0.26	22.01 1.21 -0.28	22.11 1.20 -0.28	25.09 1.36 -0.27	26.85 1.64 -0.32	25.50 1.39 -0.23	23.76 1.34 -0.03	21.13 1.38 0.00	18.03 1.16 0.00	16.40 0.96 0.00	15.59 0.81 0.00
VISCHER___FERRY HYD 24020	15.08 1.00 -0.05	13.78 0.90 -0.01	13.26 0.86 -0.03	12.71 0.83 -0.02	12.63 0.84 0.00	13.34 0.86 0.00	15.16 0.92 0.00	15.42 0.95 0.00	16.35 0.95 0.00	17.29 0.99 0.00	17.44 0.96 0.00	18.36 1.06 0.00	19.51 1.14 -0.02	21.49 1.21 -0.10	21.86 1.23 -0.11	22.02 1.22 -0.17	25.17 1.48 -0.23	26.77 1.59 -0.29	25.74 1.60 -0.25	24.17 1.59 -0.19	21.07 1.24 -0.08	17.92 1.05 0.00	16.43 0.99 0.00	15.71 0.93 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	15.24 1.21 0.00	13.91 1.04 0.00	13.35 0.99 0.00	12.81 0.95 0.00	12.71 0.92 0.00	13.44 0.96 0.00	15.38 1.15 0.00	15.80 1.33 0.00	16.83 1.43 0.00	17.79 1.50 0.00	17.99 1.50 0.00	18.93 1.63 0.00	20.10 1.74 0.00	22.06 1.88 0.00	22.45 1.93 0.00	22.61 1.98 0.00	25.69 2.23 0.00	27.28 2.39 0.00	26.25 2.37 0.00	24.60 2.22 0.00	21.58 1.84 0.00	18.41 1.54 0.00	16.88 1.44 0.00	16.22 1.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	15.49 1.46 0.00	14.11 1.25 0.00	13.56 1.20 0.00	13.00 1.14 0.00	12.89 1.10 0.00	13.64 1.16 0.00	15.63 1.40 0.00	16.06 1.59 0.00	17.14 1.72 -0.02	18.67 1.82 -0.55	18.65 1.81 -0.35	19.58 1.95 -0.32	20.83 2.11 -0.37	22.76 2.28 -0.30	23.11 2.34 -0.25	23.25 2.37 -0.24	26.15 2.67 -0.02	27.73 2.84 0.00	26.63 2.75 0.00	24.96 2.57 0.00	21.90 2.15 0.00	18.66 1.79 0.00	17.13 1.68 0.00	16.50 1.70 -0.02
WADING RIVER_IC_1 23522	16.28 2.13 -0.12	14.77 1.89 -0.01	14.09 1.72 -0.01	13.45 1.59 0.00	13.43 1.63 -0.01	14.26 1.77 -0.01	16.69 2.09 -0.36	20.21 2.26 -3.49	21.21 2.36 -3.46	23.17 2.49 -4.39	23.67 2.42 -4.76	24.26 2.59 -4.36	26.19 2.81 -5.03	27.32 3.07 -4.08	36.55 3.32 -12.71	38.97 3.38 -14.95	45.49 3.94 -18.09	53.07 4.13 -24.05	41.39 4.06 -13.44	36.77 3.69 -10.69	44.23 3.10 -21.39	24.32 2.60 -4.85	23.09 2.38 -5.27	20.91 2.39 -3.73
WADING RIVER_IC_2 23547	16.28 2.13 -0.12	14.77 1.89 -0.01	14.09 1.72 -0.01	13.45 1.59 0.00	13.43 1.63 -0.01	14.26 1.77 -0.01	16.69 2.09 -0.36	20.21 2.26 -3.49	21.21 2.36 -3.46	23.17 2.49 -4.39	23.67 2.42 -4.76	24.26 2.59 -4.36	26.19 2.81 -5.03	27.32 3.07 -4.08	36.55 3.32 -12.71	38.97 3.38 -14.95	45.49 3.94 -18.09	53.07 4.13 -24.05	41.39 4.06 -13.44	36.77 3.69 -10.69	44.23 3.10 -21.39	24.32 2.60 -4.85	23.09 2.38 -5.27	20.91 2.39 -3.73
WADING RIVER_IC_3 23601	16.28 2.13 -0.12	14.77 1.89 -0.01	14.09 1.72 -0.01	13.45 1.59 0.00	13.43 1.63 -0.01	14.26 1.77 -0.01	16.69 2.09 -0.36	20.21 2.26 -3.49	21.21 2.36 -3.46	23.17 2.49 -4.39	23.67 2.42 -4.76	24.26 2.59 -4.36	26.19 2.81 -5.03	27.32 3.07 -4.08	36.55 3.32 -12.71	38.97 3.38 -14.95	45.49 3.94 -18.09	53.07 4.13 -24.05	41.39 4.06 -13.44	36.77 3.69 -10.69	44.23 3.10 -21.39	24.32 2.60 -4.85	23.09 2.38 -5.27	20.91 2.39 -3.73



WALDEN___HYDRO 24148	15.25 1.22 0.00	13.92 1.06 0.00	13.37 1.01 0.00	12.82 0.96 0.00	12.71 0.92 0.00	13.44 0.96 0.00	15.40 1.17 0.00	15.72 1.26 0.00	16.75 1.36 0.00	17.71 1.42 0.00	17.90 1.42 0.00	18.84 1.54 0.00	20.00 1.65 0.00	21.96 1.78 0.00	22.35 1.83 0.00	22.49 1.86 0.00	25.58 2.11 0.00	27.18 2.29 0.00	26.13 2.24 0.00	24.49 2.10 0.00	21.48 1.74 0.00	18.34 1.47 0.00	16.80 1.36 0.00	16.13 1.34 0.00
WARRENSBURG___ 23737	15.15 1.07 -0.06	13.79 0.91 -0.01	13.25 0.85 -0.04	12.71 0.83 -0.02	12.65 0.86 0.00	13.38 0.90 0.00	15.16 0.92 0.00	15.49 1.03 0.00	16.49 1.09 0.00	17.45 1.16 0.00	17.43 0.94 0.00	18.33 1.02 0.00	19.47 1.10 -0.02	21.52 1.23 -0.11	21.75 1.11 -0.12	21.94 1.11 -0.19	25.17 1.46 -0.25	27.05 1.84 -0.32	25.96 1.79 -0.28	24.50 1.90 -0.21	21.35 1.52 -0.09	18.09 1.22 0.00	16.56 1.11 0.00	15.74 0.96 0.00
WATERSIDE___6 8 9 23538	15.49 1.46 0.00	14.11 1.25 0.00	13.55 1.19 0.00	12.99 1.13 0.00	12.87 1.08 0.00	13.63 1.15 0.00	15.65 1.42 0.00	16.09 1.62 -0.01	17.66 1.74 -0.53	18.70 1.84 -0.57	19.39 1.85 -1.05	19.67 1.97 -0.39	22.13 2.13 -1.65	27.40 2.30 -4.92	23.14 2.36 -0.26	27.46 2.39 -4.44	28.04 2.70 -1.88	28.26 2.89 -0.48	26.71 2.82 -0.01	25.03 2.64 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.16 1.71 0.00	16.51 1.71 -0.02
WDELAWARE___HYD 323627	14.70 0.67 0.00	13.43 0.57 0.00	12.90 0.54 0.00	12.37 0.51 0.00	12.27 0.48 0.00	12.98 0.50 0.00	14.86 0.63 0.00	15.28 0.81 0.00	16.29 0.89 0.00	17.19 0.90 0.00	17.34 0.86 0.00	18.26 0.95 0.00	19.38 1.03 0.00	21.39 1.21 0.00	21.71 1.19 0.00	21.91 1.28 0.00	24.92 1.46 0.00	26.58 1.69 0.00	25.47 1.58 0.00	23.87 1.48 0.00	21.03 1.28 0.00	17.95 1.08 0.00	16.43 0.99 0.00	15.68 0.90 0.00
WEST BABYLON___IC 23714	16.17 2.02 -0.12	14.68 1.80 -0.01	13.99 1.62 -0.01	13.36 1.49 0.00	13.34 1.54 -0.01	14.20 1.71 -0.01	16.63 2.03 -0.36	20.20 2.24 -3.49	21.25 2.40 -3.45	23.22 2.54 -4.39	23.78 2.54 -4.76	24.38 2.72 -4.36	26.24 2.86 -5.02	27.26 3.01 -4.07	28.89 2.85 -5.52	29.37 2.83 -5.91	31.01 3.28 -4.26	33.81 3.36 -5.56	30.42 3.42 -3.12	28.94 3.11 -3.44	28.07 2.59 -5.74	23.90 2.19 -4.84	22.73 2.02 -5.27	20.61 2.10 -3.73
WEST CANADA___HYD 24049	14.21 0.13 -0.06	12.99 0.12 -0.01	12.51 0.11 -0.04	11.99 0.11 -0.02	11.89 0.11 0.00	12.59 0.11 0.00	14.36 0.13 0.00	14.60 0.13 0.00	15.53 0.14 0.00	16.44 0.15 0.00	16.65 0.16 0.00	17.48 0.17 0.00	18.56 0.18 -0.02	20.47 0.18 -0.10	20.87 0.23 -0.12	21.04 0.23 -0.18	23.97 0.26 -0.25	25.45 0.25 -0.31	24.42 0.26 -0.27	22.84 0.25 -0.21	20.03 0.20 -0.09	17.04 0.17 0.00	15.58 0.14 0.00	14.91 0.13 0.00
WESTERN_NY_WIND 24143	14.03 0.00 0.00	12.99 0.13 0.00	12.34 -0.02 0.00	11.83 -0.04 0.00	11.78 -0.01 0.00	12.62 0.14 0.00	14.46 0.23 0.00	15.09 0.62 0.00	15.94 0.82 0.27	18.79 1.14 -1.35	16.88 1.38 0.99	17.33 1.37 1.34	18.49 1.49 1.35	25.29 1.71 -3.40	26.03 1.81 -3.70	25.92 1.67 -3.62	28.82 1.88 -3.47	30.41 1.52 -4.00	27.98 1.34 -2.75	23.73 0.98 -0.36	20.95 1.20 0.00	17.97 1.10 0.00	16.17 0.73 0.00	15.31 0.53 0.00
WESTOVER___LESR 323668	14.35 0.32 0.00	13.20 0.33 0.00	12.65 0.28 0.00	12.12 0.26 0.00	12.06 0.27 0.00	12.82 0.34 0.00	14.62 0.38 0.00	15.02 0.55 0.00	16.09 0.63 -0.07	17.24 0.73 -0.22	17.55 0.81 -0.26	18.49 0.83 -0.35	19.59 0.88 -0.35	21.63 0.91 -0.54	22.03 0.92 -0.59	22.10 0.89 -0.58	25.03 1.01 -0.56	26.50 0.95 -0.66	25.27 0.91 -0.47	23.24 0.78 -0.07	20.57 0.83 0.00	17.58 0.71 0.00	16.00 0.56 0.00	15.30 0.52 0.00
WETHRSFD_WT_PWR 323626	13.95 -0.08 0.00	12.93 0.06 0.00	12.29 -0.07 0.00	11.80 -0.06 0.00	11.75 -0.04 0.00	12.66 0.17 0.00	14.43 0.20 0.00	15.09 0.62 0.00	17.31 0.85 -1.07	19.06 1.14 -1.62	21.88 1.35 -4.04	24.15 1.33 -5.51	25.29 1.41 -5.52	25.62 1.41 -4.03	26.31 1.41 -4.37	26.15 1.26 -4.26	28.94 1.38 -4.09	30.77 1.09 -4.79	28.16 0.91 -3.37	23.46 0.60 -0.46	20.71 0.97 0.00	17.73 0.86 0.00	16.02 0.57 0.00	15.20 0.41 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.19 1.16 0.00	13.88 1.02 0.00	13.33 0.96 0.00	12.78 0.91 0.00	12.68 0.90 0.00	13.42 0.94 0.00	15.34 1.11 0.00	15.75 1.29 0.00	16.77 1.37 0.00	17.73 1.43 0.00	17.92 1.43 0.00	18.86 1.56 0.00	20.02 1.67 0.00	22.00 1.82 0.00	22.37 1.85 0.00	22.53 1.90 0.00	25.60 2.13 0.00	27.16 2.26 0.00	26.13 2.24 0.00	24.49 2.10 0.00	21.48 1.74 0.00	18.34 1.47 0.00	16.82 1.37 0.00	16.16 1.37 0.00
YORK___WARBASSE 23770	15.48 1.45 0.00	14.09 1.22 0.00	13.52 1.16 0.00	12.95 1.09 0.00	12.84 1.05 0.00	13.61 1.12 0.00	15.63 1.40 0.00	16.09 1.62 -0.01	17.75 1.74 -0.61	18.72 1.86 -0.57	19.51 1.86 -1.16	19.71 2.01 -0.40	22.35 2.15 -1.85	28.17 2.34 -5.65	23.18 2.40 -0.26	28.19 2.45 -5.11	28.43 2.79 -2.17	28.43 2.99 -0.56	26.79 2.89 -0.01	25.05 2.66 0.00	21.92 2.17 0.00	18.68 1.81 0.00	17.14 1.70 0.00	16.50 1.70 -0.02