

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/15/2023

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	21.18	19.75	18.21	17.61	17.74	19.25	22.32	23.83	24.93	23.92	23.59	23.88	24.27	26.51	27.96	28.67	32.70	38.09	39.58	37.72	31.74	29.45	26.39	23.77
24138	1.37	1.29	1.06	1.03	1.04	1.21	1.65	1.85	1.99	1.94	1.95	2.11	2.17	2.56	2.73	2.80	3.28	3.36	3.05	3.09	2.41	2.25	2.07	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-3.03	-5.73	-2.40	0.00	-0.14	0.00	0.00
74TH STREET_GT_1	21.16	19.71	18.21	17.64	17.75	19.18	22.25	23.78	24.88	23.85	23.61	23.88	24.22	26.44	27.89	28.64	32.67	38.06	39.58	37.75	31.62	29.42	26.41	23.81
24260	1.35	1.26	1.06	1.06	1.05	1.14	1.59	1.80	1.95	1.87	1.97	2.11	2.12	2.49	2.65	2.77	3.26	3.33	3.05	3.13	2.29	2.22	2.09	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-3.03	-5.73	-2.40	0.00	-0.14	0.00	0.00
74TH STREET_GT_2	21.16	19.71	18.21	17.64	17.75	19.18	22.25	23.78	24.88	23.85	23.61	23.88	24.22	26.44	27.89	28.64	32.67	38.06	39.58	37.75	31.62	29.42	26.41	23.81
24261	1.35	1.26	1.06	1.06	1.05	1.14	1.59	1.80	1.95	1.87	1.97	2.11	2.12	2.49	2.65	2.77	3.26	3.33	3.05	3.13	2.29	2.22	2.09	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-3.03	-5.73	-2.40	0.00	-0.14	0.00	0.00
ADK HUDSON___FALLS	21.48	20.05	18.54	18.01	18.10	19.57	22.80	26.00	26.66	24.71	23.33	23.51	24.89	27.43	27.69	27.86	31.61	43.99	49.74	42.33	32.15	30.19	26.65	23.90
24011	1.66	1.59	1.39	1.43	1.40	1.53	1.82	1.91	1.97	1.85	1.69	1.74	1.79	1.96	1.99	1.99	2.38	2.98	2.99	3.13	2.82	2.73	2.33	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-2.11	-1.75	-0.88	0.00	0.00	-1.00	-1.52	-0.46	0.00	0.09	-9.31	-15.95	-6.97	0.00	-0.39	0.00	0.00
ADK RESOURCE___RCVRY	21.64	20.19	18.67	18.12	18.23	19.75	22.92	26.07	26.77	24.86	23.48	23.66	25.02	27.55	27.87	28.07	31.85	44.22	50.10	42.68	32.47	30.46	26.87	24.08
23798	1.82	1.73	1.53	1.54	1.54	1.71	1.96	2.09	2.18	2.04	1.84	1.89	1.97	2.16	2.19	2.20	2.61	3.27	3.30	3.45	3.14	3.00	2.55	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-2.00	-1.66	-0.83	0.00	0.00	-0.95	-1.45	-0.44	0.00	0.09	-9.26	-16.00	-7.00	0.00	-0.40	0.00	0.00
ADK S GLENS___FALLS	21.48	20.05	18.54	18.01	18.10	19.57	22.80	26.00	26.66	24.71	23.33	23.51	24.89	27.43	27.69	27.86	31.61	43.99	49.74	42.33	32.15	30.19	26.65	23.90
24028	1.66	1.59	1.39	1.43	1.40	1.53	1.82	1.91	1.97	1.85	1.69	1.74	1.79	1.96	1.99	1.99	2.38	2.98	2.99	3.13	2.82	2.73	2.33	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-2.11	-1.75	-0.88	0.00	0.00	-1.00	-1.52	-0.46	0.00	0.09	-9.31	-15.95	-6.97	0.00	-0.39	0.00	0.00
ADK_NYS___DAM	20.96	19.57	18.13	17.54	17.67	19.14	22.58	27.25	27.55	24.83	22.83	23.01	25.35	28.34	27.70	27.45	31.02	42.63	45.42	39.69	30.92	29.01	25.75	23.26
23527	1.15	1.11	0.98	0.96	0.97	1.10	1.32	1.27	1.31	1.19	1.19	1.24	1.35	1.51	1.59	1.58	1.88	1.97	1.82	1.84	1.58	1.62	1.43	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-4.00	-3.31	-1.66	0.00	0.00	-1.90	-2.89	-0.87	0.00	0.18	-8.97	-12.80	-5.63	0.00	-0.32	0.00	0.00
AIR_PRODUCTS___DRP	20.21	18.96	17.56	17.03	17.12	18.49	20.77	20.04	21.39	21.39	22.03	22.22	21.41	22.76	25.33	26.54	30.08	35.68	41.90	37.82	29.95	28.01	24.88	22.43
24190	0.40	0.50	0.41	0.45	0.42	0.45	0.48	0.53	0.50	0.44	0.39	0.46	0.49	0.60	0.63	0.67	0.82	0.82	0.74	0.81	0.62	0.68	0.56	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.37	2.47	2.05	1.03	0.00	0.00	1.18	1.79	0.54	0.00	0.07	-3.16	-10.36	-4.78	0.00	-0.27	0.00	0.00
AKWESSNE_115KV_BK	19.54	18.16	16.98	16.40	16.50	17.79	20.33	21.70	22.64	21.72	21.36	21.44	21.75	23.52	24.73	25.35	28.68	31.07	30.28	31.74	28.78	26.55	23.88	21.51
355683	-0.28	-0.30	-0.17	-0.18	-0.20	-0.25	-0.33	-0.29	-0.30	-0.26	-0.28	-0.33	-0.35	-0.43	-0.50	-0.52	-0.65	-0.63	-0.52	-0.48	-0.56	-0.51	-0.44	-0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	20.21	18.96	17.56	17.03	17.12	18.49	20.77	20.04	21.39	21.39	22.03	22.22	21.41	22.76	25.33	26.54	30.08	35.68	41.90	37.82	29.95	28.01	24.88	22.43
23571	0.40	0.50	0.41	0.45	0.42	0.45	0.48	0.53	0.50	0.44	0.39	0.46	0.49	0.60	0.63	0.67	0.82	0.82	0.74	0.81	0.62	0.68	0.56	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.37	2.47	2.05	1.03	0.00	0.00	1.18	1.79	0.54	0.00	0.07	-3.16	-10.36	-4.78	0.00	-0.27	0.00	0.00
ALBANY___2	20.21	18.96	17.56	17.03	17.12	18.49	20.77	20.04	21.39	21.39	22.03	22.22	21.41	22.76	25.33	26.54	30.08	35.68	41.90	37.82	29.95	28.01	24.88	22.43
23572	0.40	0.50	0.41	0.45	0.42	0.45	0.48	0.53	0.50	0.44	0.39	0.46	0.49	0.60	0.63	0.67	0.82	0.82	0.74	0.81	0.62	0.68	0.56	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.37	2.47	2.05	1.03	0.00	0.00	1.18	1.79	0.54	0.00	0.07	-3.16	-10.36	-4.78	0.00	-0.27	0.00	0.00
ALBANY___3	20.21	18.96	17.56	17.03	17.12	18.49	20.77	20.04	21.39	21.39	22.03	22.22	21.41	22.76	25.33	26.54	30.08	35.68	41.90	37.82	29.95	28.01	24.88	22.43
23573	0.40	0.50	0.41	0.45	0.42	0.45	0.48	0.53	0.50	0.44	0.39	0.46	0.49	0.60	0.63	0.67	0.82	0.82	0.74	0.81	0.62	0.68	0.56	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.37	2.47	2.05	1.03	0.00	0.00	1.18	1.79	0.54	0.00	0.07	-3.16	-10.36	-4.78	0.00	-0.27	0.00	0.00

ALBANY___4 23574	20.21 0.40 0.00	18.96 0.50 0.00	17.56 0.41 0.00	17.03 0.45 0.00	17.12 0.42 0.00	18.49 0.45 0.00	20.77 0.48 0.37	20.04 0.53 2.47	21.39 0.50 2.05	21.39 0.44 1.03	22.03 0.39 0.00	22.22 0.46 0.00	21.41 0.49 1.18	22.76 0.60 1.79	25.33 0.63 0.54	26.54 0.67 0.00	30.08 0.82 0.07	35.68 0.82 -3.16	41.90 0.74 -10.36	37.82 0.81 -4.78	29.95 0.62 0.00	28.01 0.68 -0.27	24.88 0.56 0.00	22.43 0.50 0.00
ALBANY___LFGE 323615	20.41 0.59 0.00	19.12 0.66 0.00	17.70 0.55 0.00	17.15 0.56 0.00	17.27 0.57 0.00	18.67 0.63 0.00	21.01 0.66 0.31	20.62 0.72 2.08	21.94 0.73 1.73	21.73 0.61 0.87	22.22 0.58 0.00	22.42 0.65 0.00	21.82 0.71 0.99	23.28 0.84 1.51	25.69 0.91 0.46	26.80 0.93 0.00	30.39 1.14 0.07	37.11 1.14 -4.27	43.91 1.08 -12.03	38.88 1.16 -5.49	30.27 0.94 0.00	28.35 0.97 -0.31	25.15 0.83 0.00	22.65 0.72 0.00
ALCOA_PA_115KV_PL-6C 55860	19.66 -0.16 0.00	18.27 -0.18 0.00	17.06 -0.09 0.00	16.48 -0.10 0.00	16.60 -0.10 0.00	17.88 -0.16 0.00	20.43 -0.23 0.00	21.81 -0.18 0.00	22.77 -0.16 0.00	21.85 -0.13 0.00	21.47 -0.17 0.00	21.53 -0.24 0.00	21.84 -0.27 0.00	23.61 -0.34 0.00	24.86 -0.38 0.00	25.46 -0.41 0.00	28.74 -0.59 0.00	31.16 -0.54 0.00	30.37 -0.43 0.00	31.84 -0.39 0.00	28.86 -0.47 0.00	26.66 -0.41 0.00	23.98 -0.34 0.00	21.64 -0.29 0.00
ALCOA_RYNLDS___DRP 24188	19.66 -0.16 0.00	18.27 -0.18 0.00	17.06 -0.09 0.00	16.48 -0.10 0.00	16.60 -0.10 0.00	17.88 -0.16 0.00	20.43 -0.23 0.00	21.81 -0.18 0.00	22.77 -0.16 0.00	21.85 -0.13 0.00	21.47 -0.17 0.00	21.53 -0.24 0.00	21.84 -0.27 0.00	23.61 -0.34 0.00	24.86 -0.38 0.00	25.46 -0.41 0.00	28.74 -0.59 0.00	31.16 -0.54 0.00	30.37 -0.43 0.00	31.84 -0.39 0.00	28.86 -0.47 0.00	26.66 -0.41 0.00	23.98 -0.34 0.00	21.64 -0.29 0.00
ALCOA___DSASP 323711	19.66 -0.16 0.00	18.26 -0.20 0.00	17.06 -0.09 0.00	16.48 -0.10 0.00	16.58 -0.12 0.00	17.84 -0.20 0.00	20.44 -0.23 0.00	21.81 -0.18 0.00	22.78 -0.16 0.00	21.85 -0.13 0.00	21.47 -0.17 0.00	21.53 -0.24 0.00	21.84 -0.26 0.00	23.59 -0.36 0.00	24.86 -0.38 0.00	25.46 -0.41 0.00	28.77 -0.56 0.00	31.16 -0.54 0.00	30.34 -0.46 0.00	31.84 -0.39 0.00	28.86 -0.47 0.00	26.66 -0.41 0.00	23.98 -0.34 0.00	21.64 -0.29 0.00
ALLEGHENY___COGEN 23514	20.87 1.05 0.00	19.38 0.92 0.00	17.89 0.74 0.00	17.26 0.68 0.00	17.40 0.70 0.00	19.05 1.01 0.00	21.55 0.89 0.00	22.73 0.75 0.00	23.46 0.53 0.00	22.42 0.44 0.00	22.05 0.41 0.00	21.98 0.22 0.00	22.32 0.22 0.00	24.02 0.07 0.00	25.26 0.03 0.00	26.34 0.47 0.00	29.65 0.32 0.00	32.62 0.44 -0.47	32.31 0.56 -0.95	33.39 0.74 -0.42	30.92 1.58 0.00	28.25 1.16 -0.02	25.61 1.29 0.00	23.20 1.27 0.00
ALTAMONT_115KV_TB 2 55880	20.49 0.67 0.00	19.14 0.68 0.00	17.73 0.58 0.00	17.18 0.60 0.00	17.28 0.58 0.00	18.67 0.63 0.00	21.25 0.76 0.18	21.57 0.77 1.18	22.76 0.80 0.98	22.22 0.73 0.49	22.35 0.71 0.00	22.53 0.76 0.00	22.33 0.80 0.56	24.00 0.91 0.86	25.96 0.98 0.26	26.88 1.01 0.00	30.48 1.20 0.05	36.69 1.27 -3.72	41.46 1.17 -9.48	37.76 1.22 -4.31	30.33 1.00 0.00	28.34 1.03 -0.24	25.22 0.90 0.00	22.74 0.81 0.00
ALTONA_WT_PWR 323606	20.09 0.28 0.00	18.64 0.18 0.00	17.32 0.17 0.00	16.67 0.08 0.00	16.75 0.05 0.00	17.99 -0.05 0.00	20.56 -0.10 0.00	21.94 -0.04 0.00	22.93 0.00 0.00	22.03 0.04 0.00	21.62 -0.02 0.00	21.59 -0.17 0.00	21.86 -0.24 0.00	23.49 -0.46 0.00	24.70 -0.53 0.00	25.30 -0.57 0.00	28.56 -0.76 0.00	31.07 -0.63 0.00	30.31 -0.49 0.00	32.00 -0.22 0.00	29.01 -0.32 0.00	26.63 -0.43 0.00	23.93 -0.39 0.00	21.64 -0.29 0.00
AMERICAN_REF_FUEL 24010	19.70 -0.12 0.00	18.24 -0.22 0.00	16.86 -0.29 0.00	16.27 -0.32 0.00	16.38 -0.32 0.00	17.95 -0.09 0.00	20.21 -0.45 0.00	21.32 -0.66 0.00	22.25 -0.69 0.00	21.41 -0.57 0.00	21.16 -0.48 0.00	21.14 -0.63 0.00	21.39 -0.71 0.00	23.01 -0.93 0.00	24.08 -1.16 0.00	24.74 -1.14 0.00	27.57 -1.76 0.00	30.32 -1.81 -0.42	30.08 -1.57 -0.85	30.77 -1.84 -0.38	28.42 -0.91 0.00	25.90 -1.19 -0.02	23.69 -0.63 0.00	21.73 -0.20 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.67 0.85 0.00	19.20 0.74 0.00	17.73 0.58 0.00	17.10 0.51 0.00	17.23 0.53 0.00	18.92 0.88 0.00	21.47 0.81 0.00	22.82 0.84 0.00	23.85 0.92 0.00	23.00 1.01 0.00	22.70 1.06 0.00	22.57 0.81 0.00	22.89 0.79 0.00	24.59 0.65 0.00	25.74 0.50 0.00	26.36 0.49 0.00	29.36 0.03 0.00	32.23 0.03 -0.49	32.04 0.25 -0.99	32.96 0.29 -0.44	30.39 1.05 0.00	27.77 0.68 -0.03	25.27 0.95 0.00	23.17 1.25 0.00
ARTHUR_KILL_GT_1 23520	21.30 1.49 0.00	19.79 1.33 0.00	18.26 1.11 0.00	17.63 1.05 0.00	17.75 1.05 0.00	19.09 1.05 0.00	22.07 1.41 0.00	23.48 1.50 0.00	24.53 1.60 0.01	23.56 1.58 0.01	23.23 1.60 0.01	23.56 1.81 0.01	23.97 1.88 0.01	26.29 2.35 0.01	27.75 2.52 0.01	28.45 2.59 0.01	32.61 3.20 -0.09	37.99 3.27 -3.03	39.51 2.99 -5.72	37.68 3.06 -2.39	31.38 2.05 0.01	29.23 2.03 -0.14	26.41 2.09 0.00	23.88 1.95 0.00
ARTHUR_KILL_2 23512	21.24 1.43 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.59 1.01 0.00	17.72 1.02 0.00	19.05 1.01 0.00	22.00 1.34 0.00	23.41 1.43 0.00	24.49 1.56 0.01	23.49 1.52 0.01	23.17 1.54 0.01	23.50 1.74 0.01	23.91 1.81 0.01	26.22 2.28 0.01	27.68 2.45 0.01	28.37 2.51 0.01	32.52 3.11 -0.09	37.86 3.14 -3.03	39.39 2.86 -5.72	37.58 2.96 -2.39	31.29 1.97 0.01	29.15 1.95 -0.14	26.34 2.02 0.00	23.81 1.89 0.00
ARTHUR_KILL_3 23513	21.00 1.19 0.00	19.55 1.09 0.00	18.04 0.89 0.00	17.44 0.86 0.00	17.57 0.87 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.68 1.92 0.00	24.05 1.95 0.00	26.30 2.35 0.00	27.73 2.50 0.00	28.43 2.56 0.00	32.38 2.96 -0.09	37.68 2.95 -3.03	39.18 2.65 -5.73	37.34 2.71 -2.40	31.47 2.14 0.00	29.20 2.00 -0.14	26.17 1.85 0.00	23.57 1.65 0.00
ARTHUR_KILL_COGEN 323718	21.30 1.49 0.00	19.79 1.33 0.00	18.26 1.11 0.00	17.63 1.05 0.00	17.75 1.05 0.00	19.09 1.05 0.00	22.07 1.41 0.00	23.48 1.50 0.00	24.53 1.60 0.01	23.56 1.58 0.01	23.23 1.60 0.01	23.56 1.81 0.01	23.97 1.88 0.01	26.29 2.35 0.01	27.75 2.52 0.01	28.45 2.59 0.01	32.61 3.20 -0.09	37.99 3.27 -3.03	39.51 2.99 -5.72	37.68 3.06 -2.39	31.38 2.05 0.01	29.23 2.03 -0.14	26.41 2.09 0.00	23.88 1.95 0.00
ASHOKAN____ 23654	20.53 0.71 0.00	19.22 0.76 0.00	17.70 0.55 0.00	17.15 0.56 0.00	17.25 0.55 0.00	18.65 0.61 0.00	21.74 1.24 0.17	22.17 1.30 1.11	23.35 1.33 0.92	22.66 1.14 0.46	22.12 0.48 0.00	22.27 0.50 0.00	22.83 1.26 0.53	24.61 1.46 0.80	25.83 0.83 0.24	26.75 0.88 0.00	31.41 2.08 0.00	35.62 0.95 -2.97	39.32 0.86 -7.66	36.60 0.94 -3.44	30.48 1.14 0.00	27.88 0.62 -0.19	25.32 1.00 0.00	22.83 0.90 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.14 1.33 0.00	19.64 1.18 0.00	18.20 1.05 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.00 0.96 0.00	22.00 1.34 0.00	23.48 1.50 0.00	24.56 1.63 0.01	23.56 1.58 0.01	23.26 1.62 0.01	23.56 1.81 0.01	23.95 1.86 0.01	26.27 2.32 0.00	27.76 2.52 0.00	28.36 2.48 0.00	32.51 3.08 -0.10	37.85 3.11 -3.04	39.37 2.83 -5.74	37.57 2.93 -2.41	31.29 1.97 0.01	29.18 1.97 -0.14	26.36 2.04 0.00	23.68 1.75 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.14 1.33 0.00	19.64 1.18 0.00	18.20 1.05 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.00 0.96 0.00	22.00 1.34 0.00	23.48 1.50 0.00	24.56 1.63 0.01	23.56 1.58 0.01	23.26 1.62 0.01	23.56 1.81 0.01	23.95 1.86 0.01	26.27 2.32 0.00	27.76 2.52 0.00	28.36 2.48 0.00	32.51 3.08 -0.10	37.85 3.11 -3.04	39.37 2.83 -5.74	37.57 2.93 -2.41	31.29 1.97 0.01	29.18 1.97 -0.14	26.36 2.04 0.00	23.68 1.75 0.00
ASTORIA_GT2_1 24094	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT2_2 24095	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT2_3 24096	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT2_4 24097	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT3_1 24098	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT3_2 24099	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT3_3 24100	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT3_4 24101	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT4_1 24102	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT4_2 24103	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT4_3 24104	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT4_4 24105	21.12 1.31 0.00	19.64 1.18 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.94 0.90 0.00	21.98 1.32 0.00	23.52 1.54 0.00	24.59 1.65 0.00	23.57 1.58 0.00	23.33 1.69 0.00	23.60 1.83 0.00	23.96 1.86 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.45 3.02 -0.10	37.82 3.07 -3.04	39.34 2.80 -5.74	37.54 2.90 -2.41	31.18 1.85 0.00	29.04 1.84 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
ASTORIA_GT_1 23523	21.18 1.37 0.00	19.68 1.22 0.00	18.23 1.08 0.00	17.59 1.01 0.00	17.72 1.02 0.00	19.03 0.99 0.00	22.05 1.38 0.00	23.52 1.54 0.00	24.62 1.70 0.01	23.63 1.65 0.01	23.30 1.67 0.01	23.61 1.85 0.01	23.99 1.90 0.01	26.34 2.39 0.00	27.81 2.58 0.00	28.43 2.56 0.00	32.60 3.17 -0.10	37.94 3.20 -3.04	39.43 2.89 -5.74	37.66 3.03 -2.41	31.35 2.02 0.01	29.26 2.06 -0.14	26.43 2.11 0.00	23.72 1.80 0.00

ASTORIA_GT_10 24110	21.08 1.27 0.00	19.64 1.18 0.00	18.16 1.01 0.00	17.59 1.01 0.00	17.68 0.99 0.00	19.03 0.99 0.00	22.09 1.43 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.44 1.80 0.00	23.70 1.94 0.00	24.07 1.97 0.00	26.29 2.35 0.00	27.76 2.52 0.00	28.54 2.66 0.00	32.57 3.14 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.36 2.02 0.00	29.18 1.98 -0.14	26.34 2.02 0.00	23.75 1.82 0.00
ASTORIA_GT_11 24225	21.08 1.27 0.00	19.64 1.18 0.00	18.16 1.01 0.00	17.59 1.01 0.00	17.68 0.99 0.00	19.03 0.99 0.00	22.09 1.43 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.44 1.80 0.00	23.70 1.94 0.00	24.07 1.97 0.00	26.29 2.35 0.00	27.76 2.52 0.00	28.54 2.66 0.00	32.57 3.14 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.36 2.02 0.00	29.18 1.98 -0.14	26.34 2.02 0.00	23.75 1.82 0.00
ASTORIA_GT_12 24226	21.12 1.31 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.54 0.96 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.11 1.45 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.36 2.42 0.00	27.81 2.58 0.00	28.48 2.61 0.00	32.60 3.17 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.47 2.14 0.00	29.26 2.06 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
ASTORIA_GT_13 24227	21.12 1.31 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.54 0.96 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.11 1.45 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.36 2.42 0.00	27.81 2.58 0.00	28.48 2.61 0.00	32.60 3.17 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.47 2.14 0.00	29.26 2.06 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
ASTORIA_GT_5 24106	21.18 1.37 0.00	19.68 1.22 0.00	18.23 1.08 0.00	17.59 1.01 0.00	17.72 1.02 0.00	19.03 0.99 0.00	22.05 1.38 0.00	23.52 1.54 0.00	24.62 1.70 0.01	23.63 1.65 0.01	23.30 1.67 0.01	23.61 1.85 0.01	23.99 1.90 0.01	26.34 2.39 0.00	27.81 2.58 0.00	28.43 2.56 0.00	32.60 3.17 -0.10	37.94 3.20 -3.04	39.43 2.89 -5.74	37.66 3.03 -2.41	31.35 2.02 0.01	29.26 2.06 -0.14	26.43 2.11 0.00	23.72 1.80 0.00
ASTORIA_GT_7 24107	21.18 1.37 0.00	19.68 1.22 0.00	18.23 1.08 0.00	17.59 1.01 0.00	17.72 1.02 0.00	19.03 0.99 0.00	22.05 1.38 0.00	23.52 1.54 0.00	24.62 1.70 0.01	23.63 1.65 0.01	23.30 1.67 0.01	23.61 1.85 0.01	23.99 1.90 0.01	26.34 2.39 0.00	27.81 2.58 0.00	28.43 2.56 0.00	32.60 3.17 -0.10	37.94 3.20 -3.04	39.43 2.89 -5.74	37.66 3.03 -2.41	31.35 2.02 0.01	29.26 2.06 -0.14	26.43 2.11 0.00	23.72 1.80 0.00
ASTORIA_GT_8 24108	21.14 1.33 0.00	19.68 1.22 0.00	18.23 1.08 0.00	17.63 1.04 0.00	17.72 1.02 0.00	18.98 0.94 0.00	22.01 1.34 0.00	23.54 1.56 0.00	24.61 1.67 0.00	23.61 1.63 0.00	23.37 1.73 0.00	23.64 1.87 0.00	24.00 1.90 0.00	26.29 2.35 0.00	27.76 2.52 0.00	28.56 2.69 0.00	32.51 3.08 -0.10	37.88 3.14 -3.04	39.40 2.86 -5.74	37.60 2.96 -2.41	31.24 1.91 0.00	29.10 1.89 -0.14	26.44 2.12 0.00	23.83 1.91 0.00
ASTORIA___2 24149	21.14 1.33 0.00	19.66 1.20 0.00	18.21 1.06 0.00	17.58 0.99 0.00	17.68 0.99 0.00	19.01 0.97 0.00	22.00 1.34 0.00	23.48 1.50 0.00	24.58 1.65 0.01	23.58 1.60 0.01	23.26 1.62 0.01	23.56 1.81 0.01	23.95 1.86 0.01	26.30 2.35 0.00	27.76 2.52 0.00	28.38 2.51 0.00	32.51 3.08 -0.10	37.88 3.14 -3.04	39.37 2.83 -5.74	37.60 2.96 -2.41	31.29 1.97 0.01	29.20 2.00 -0.14	26.39 2.07 0.00	23.68 1.75 0.00
ASTORIA___3 23516	21.12 1.31 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.54 0.96 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.11 1.45 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.36 2.42 0.00	27.81 2.58 0.00	28.48 2.61 0.00	32.60 3.17 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.47 2.14 0.00	29.26 2.06 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
ASTORIA___4 23517	21.08 1.27 0.00	19.64 1.18 0.00	18.16 1.01 0.00	17.59 1.01 0.00	17.68 0.99 0.00	19.03 0.99 0.00	22.09 1.43 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.44 1.80 0.00	23.70 1.94 0.00	24.07 1.97 0.00	26.29 2.35 0.00	27.76 2.52 0.00	28.54 2.66 0.00	32.57 3.14 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.36 2.02 0.00	29.18 1.98 -0.14	26.34 2.02 0.00	23.75 1.82 0.00
ASTORIA___5 23518	21.12 1.31 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.54 0.96 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.11 1.45 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.36 2.42 0.00	27.81 2.58 0.00	28.48 2.61 0.00	32.60 3.17 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.47 2.14 0.00	29.26 2.06 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
AST_ENERGY_2_CC3 323677	21.07 1.25 0.00	19.60 1.14 0.00	18.11 0.96 0.00	17.49 0.91 0.00	17.63 0.93 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.66 1.89 0.00	24.05 1.95 0.00	26.30 2.35 0.00	27.73 2.50 0.00	28.43 2.56 0.00	32.41 2.99 -0.09	37.78 3.04 -3.03	39.27 2.74 -5.73	37.43 2.80 -2.40	31.50 2.17 0.00	29.26 2.06 -0.14	26.22 1.90 0.00	23.61 1.69 0.00
AST_ENERGY_2_CC4 323678	21.07 1.25 0.00	19.60 1.14 0.00	18.11 0.96 0.00	17.49 0.91 0.00	17.63 0.93 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.66 1.89 0.00	24.05 1.95 0.00	26.30 2.35 0.00	27.73 2.50 0.00	28.43 2.56 0.00	32.41 2.99 -0.09	37.78 3.04 -3.03	39.27 2.74 -5.73	37.43 2.80 -2.40	31.50 2.17 0.00	29.26 2.06 -0.14	26.22 1.90 0.00	23.61 1.69 0.00
ATHENS_STG_1 23668	20.61 0.79 0.00	19.22 0.76 0.00	17.78 0.63 0.00	17.20 0.61 0.00	17.32 0.62 0.00	18.76 0.72 0.00	21.51 0.85 0.00	22.86 0.88 0.00	23.85 0.92 0.00	22.84 0.86 0.00	22.51 0.87 0.00	22.70 0.94 0.00	23.07 0.97 0.00	25.10 1.15 0.00	26.47 1.24 0.00	27.11 1.24 0.00	30.81 1.47 -0.02	36.03 1.49 -2.84	37.81 1.35 -5.65	36.13 1.42 -2.49	30.48 1.14 0.00	28.34 1.14 -0.14	25.32 1.00 0.00	22.85 0.92 0.00
ATHENS_STG_2 23670	20.61 0.79 0.00	19.22 0.76 0.00	17.78 0.63 0.00	17.20 0.61 0.00	17.32 0.62 0.00	18.76 0.72 0.00	21.51 0.85 0.00	22.86 0.88 0.00	23.85 0.92 0.00	22.84 0.86 0.00	22.51 0.87 0.00	22.70 0.94 0.00	23.07 0.97 0.00	25.10 1.15 0.00	26.47 1.24 0.00	27.11 1.24 0.00	30.81 1.47 -0.02	36.03 1.49 -2.84	37.81 1.35 -5.65	36.13 1.42 -2.49	30.48 1.14 0.00	28.34 1.14 -0.14	25.32 1.00 0.00	22.85 0.92 0.00

ATHENS_STG_3 23677	20.61 0.79 0.00	19.22 0.76 0.00	17.78 0.63 0.00	17.20 0.61 0.00	17.32 0.62 0.00	18.76 0.72 0.00	21.51 0.85 0.00	22.86 0.88 0.00	23.85 0.92 0.00	22.84 0.86 0.00	22.51 0.87 0.00	22.70 0.94 0.00	23.07 0.97 0.00	25.10 1.15 0.00	26.47 1.24 0.00	27.11 1.24 0.00	30.81 1.47 -0.02	36.03 1.49 -2.84	37.81 1.35 -5.65	36.13 1.42 -2.49	30.48 1.14 0.00	28.34 1.14 -0.14	25.32 1.00 0.00	22.85 0.92 0.00
AUBURN____LFG 323710	20.17 0.36 0.00	18.79 0.33 0.00	17.39 0.24 0.00	16.80 0.22 0.00	16.93 0.23 0.00	18.40 0.36 0.00	21.10 0.43 0.00	22.40 0.42 0.00	23.37 0.44 0.00	22.40 0.42 0.00	22.01 0.37 0.00	22.09 0.33 0.00	22.45 0.35 0.00	24.26 0.31 0.00	25.61 0.38 0.00	26.31 0.44 0.00	29.82 0.50 0.00	32.61 0.57 -0.34	32.10 0.62 -0.68	33.14 0.61 -0.30	30.15 0.82 0.00	27.70 0.62 -0.02	24.86 0.54 0.00	22.39 0.46 0.00
BABYLON_RES_REC 323704	25.83 1.84 -4.17	22.78 1.68 -2.64	18.62 1.48 0.00	17.94 1.36 0.00	18.12 1.42 0.00	19.68 1.64 0.00	22.71 2.05 0.00	25.58 2.22 -1.38	26.77 2.34 -1.50	28.48 2.29 -4.21	27.03 2.25 -3.14	29.76 2.37 -5.62	37.68 2.19 -13.39	30.77 2.63 -4.19	36.91 2.73 -8.94	39.66 2.82 -10.97	44.12 3.23 -11.57	50.11 3.30 -15.12	47.76 3.02 -13.94	40.50 3.19 -5.08	33.89 2.82 -1.74	30.48 2.68 -0.74	29.29 2.65 -2.32	26.36 2.39 -2.04
BABYLON__69_KV_BK2 356345	25.93 1.94 -4.17	22.87 1.77 -2.64	18.68 1.53 0.00	17.99 1.41 0.00	18.15 1.45 0.00	19.74 1.70 0.00	22.77 2.11 0.00	25.71 2.35 -1.38	26.91 2.48 -1.50	28.56 2.37 -4.21	27.25 2.47 -3.14	30.04 2.66 -5.62	38.08 2.59 -13.39	30.94 2.80 -4.19	37.26 3.08 -8.94	40.12 3.29 -10.97	44.76 3.87 -11.57	50.90 4.09 -15.12	48.69 3.94 -13.94	41.44 4.13 -5.09	34.45 3.37 -1.74	31.00 3.19 -0.74	29.63 2.99 -2.32	26.64 2.67 -2.04
BARON_WINDS____WT_PWR 323822	20.25 0.44 0.00	18.85 0.39 0.00	17.41 0.26 0.00	16.80 0.22 0.00	16.93 0.23 0.00	18.53 0.49 0.00	21.08 0.41 0.00	22.38 0.40 0.00	23.32 0.39 0.00	22.40 0.42 0.00	22.05 0.41 0.00	22.07 0.30 0.00	22.39 0.29 0.00	24.16 0.22 0.00	25.41 0.18 0.00	26.08 0.21 0.00	29.32 0.00 0.00	32.41 0.10 -0.62	32.17 0.12 -1.25	32.85 0.06 -0.55	29.98 0.64 0.00	27.42 0.33 -0.03	24.81 0.49 0.00	22.63 0.70 0.00
BARRETT_IC_1 23704	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT_IC_10 23701	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT_IC_11 23702	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT_IC_12 23703	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT_IC_2 23705	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT_IC_3 23706	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT_IC_4 23707	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT_IC_5 23708	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT_IC_6 23709	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT_IC_7 23710	68.88 1.55 -47.52	49.99 1.46 -30.08	18.46 1.25 -0.06	17.81 1.23 0.00	18.00 1.24 -0.06	19.49 1.39 -0.06	22.52 1.80 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	71.90 2.00 -47.92	59.26 1.99 -35.63	87.70 2.13 -63.80	176.62 2.14 -152.37	73.97 2.44 -47.58	129.61 2.57 -101.80	153.34 2.66 -124.80	162.91 3.08 -130.50	175.17 3.11 -140.36	47.51 2.71 -14.00	50.20 2.80 -15.17	49.88 2.23 -18.31	35.67 2.17 -6.44	50.60 2.12 -24.17	46.30 1.93 -22.44

BARRETT_IC_8 23711	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT_IC_9 23700	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT___1 23545	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BARRETT___2 23546	68.92 1.59 -47.52	50.01 1.48 -30.08	18.55 1.34 -0.06	17.87 1.28 -0.01	18.08 1.32 -0.06	19.55 1.44 -0.06	22.58 1.86 -0.06	39.73 1.98 -15.77	42.12 2.09 -17.10	72.03 2.13 -47.92	59.24 1.97 -35.63	87.66 2.09 -63.80	176.62 2.14 -152.37	74.02 2.49 -47.58	129.66 2.62 -101.80	153.34 2.67 -124.80	162.93 3.11 -130.50	175.17 3.11 -140.36	47.61 2.80 -14.00	50.30 2.90 -15.17	49.99 2.35 -18.31	35.56 2.06 -6.44	50.58 2.09 -24.17	46.30 1.93 -22.44
BATAVIA___115KV_TB1 55881	20.49 0.67 0.00	18.94 0.48 0.00	17.46 0.31 0.00	16.68 0.10 0.00	16.93 0.23 0.00	18.60 0.56 0.00	21.03 0.37 0.00	22.31 0.33 0.00	23.28 0.34 0.00	22.36 0.37 0.00	21.86 0.22 0.00	21.83 0.07 0.00	22.23 0.13 0.00	23.92 -0.02 0.00	25.26 0.03 0.00	25.77 -0.10 0.00	29.00 -0.32 0.00	31.77 -0.32 -0.38	31.45 -0.12 -0.77	32.22 -0.35 -0.34	29.92 0.59 0.00	27.28 0.19 -0.02	24.74 0.41 0.00	22.52 0.59 0.00
BAYONEEC___CTG1 323682	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.34 2.39 0.00	27.78 2.55 0.00	28.48 2.61 0.00	32.47 3.05 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
BAYONEEC___CTG10 323750	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.34 2.39 0.00	27.78 2.55 0.00	28.48 2.61 0.00	32.47 3.05 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
BAYONEEC___CTG2 323683	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.34 2.39 0.00	27.78 2.55 0.00	28.48 2.61 0.00	32.47 3.05 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
BAYONEEC___CTG3 323684	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.34 2.39 0.00	27.78 2.55 0.00	28.48 2.61 0.00	32.47 3.05 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
BAYONEEC___CTG4 323685	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.34 2.39 0.00	27.78 2.55 0.00	28.48 2.61 0.00	32.47 3.05 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
BAYONEEC___CTG5 323686	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.34 2.39 0.00	27.78 2.55 0.00	28.48 2.61 0.00	32.47 3.05 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
BAYONEEC___CTG6 323687	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.34 2.39 0.00	27.78 2.55 0.00	28.48 2.61 0.00	32.47 3.05 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
BAYONEEC___CTG7 323688	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.34 2.39 0.00	27.78 2.55 0.00	28.48 2.61 0.00	32.47 3.05 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
BAYONEEC___CTG8 323689	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.34 2.39 0.00	27.78 2.55 0.00	28.48 2.61 0.00	32.47 3.05 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
BAYONEEC___CTG9 323749	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.34 2.39 0.00	27.78 2.55 0.00	28.48 2.61 0.00	32.47 3.05 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00

BEACON___LESR 323632	20.55 0.73 0.00	19.23 0.78 0.00	17.80 0.65 0.00	17.25 0.66 0.00	17.37 0.67 0.00	18.80 0.76 0.00	21.04 0.81 0.43	20.01 0.88 2.86	21.44 0.87 2.37	21.52 0.72 1.19	22.33 0.69 0.00	22.53 0.76 0.00	21.56 0.82 1.36	22.84 0.96 2.06	25.65 1.04 0.62	26.96 1.09 0.00	30.57 1.32 0.07	35.92 1.36 -2.86	42.45 1.29 -10.36	38.39 1.35 -4.81	30.51 1.17 0.00	28.50 1.16 -0.27	25.32 1.00 0.00	22.80 0.88 0.00
BEAVER RIVER___HYD 24048	20.09 0.28 0.00	18.68 0.22 0.00	17.36 0.21 0.00	16.81 0.23 0.00	16.93 0.23 0.00	18.29 0.25 0.00	20.99 0.33 0.00	22.33 0.35 0.00	23.26 0.32 0.00	22.25 0.26 0.00	21.79 0.15 0.00	21.92 0.15 0.00	22.23 0.13 0.00	23.97 0.02 0.00	25.36 0.13 0.00	25.90 0.03 0.00	29.30 -0.03 0.00	31.83 0.13 0.00	31.08 0.28 0.00	32.77 0.55 0.00	29.92 0.59 0.00	27.61 0.54 0.00	24.69 0.37 0.00	22.26 0.33 0.00
BEEBEE_GT_13 23619	20.15 0.34 0.00	18.70 0.24 0.00	17.25 0.10 0.00	16.55 -0.03 0.00	16.75 0.05 0.00	18.31 0.27 0.00	20.81 0.14 0.00	22.11 0.13 0.00	23.10 0.16 0.00	22.20 0.22 0.00	21.75 0.11 0.00	21.77 0.00 0.00	22.14 0.04 0.00	23.90 -0.05 0.00	25.24 0.00 0.00	25.77 -0.10 0.00	29.09 -0.23 0.00	31.80 -0.22 -0.32	31.35 -0.09 -0.64	32.22 -0.29 -0.29	29.71 0.38 0.00	27.16 0.08 -0.02	24.54 0.22 0.00	22.21 0.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.28 1.47 0.00	19.81 1.35 0.00	18.30 1.15 0.00	17.71 1.13 0.00	17.80 1.10 0.00	19.12 1.08 0.00	22.19 1.53 0.00	23.72 1.74 0.00	24.79 1.86 0.00	23.79 1.80 0.00	23.57 1.93 0.00	23.84 2.07 0.00	24.20 2.10 0.00	26.49 2.54 0.00	27.96 2.73 0.00	28.74 2.87 0.00	32.89 3.46 -0.10	38.29 3.55 -3.04	39.80 3.26 -5.74	37.99 3.35 -2.41	31.56 2.23 0.00	29.39 2.19 -0.14	26.56 2.24 0.00	23.99 2.06 0.00
BETHLEHEM___GRP 23843	20.21 0.40 0.00	18.96 0.50 0.00	17.56 0.41 0.00	17.03 0.45 0.00	17.12 0.42 0.00	18.49 0.45 0.00	20.77 0.48 0.37	20.04 0.53 2.47	21.39 0.50 2.05	21.39 0.44 1.03	22.03 0.39 0.00	22.22 0.46 0.00	21.41 0.49 1.18	22.76 0.60 1.79	25.33 0.63 0.54	26.54 0.67 0.00	30.08 0.82 0.07	35.68 0.82 -3.16	41.90 0.74 -10.36	37.82 0.81 -4.78	29.95 0.62 0.00	28.01 0.68 -0.27	24.88 0.56 0.00	22.43 0.50 0.00
BETHLEHEM___GS1 323560	20.23 0.42 0.00	18.96 0.50 0.00	17.54 0.39 0.00	17.00 0.41 0.00	17.12 0.42 0.00	18.53 0.49 0.00	20.77 0.48 0.37	20.04 0.53 2.47	21.39 0.50 2.05	21.35 0.40 1.03	22.01 0.37 0.00	22.20 0.44 0.00	21.41 0.49 1.18	22.76 0.60 1.79	25.35 0.66 0.54	26.54 0.67 0.00	30.11 0.85 0.07	35.68 0.82 -3.16	41.90 0.74 -10.36	37.82 0.81 -4.78	29.95 0.62 0.00	28.01 0.68 -0.27	24.88 0.56 0.00	22.43 0.50 0.00
BETHLEHEM___GS2 323561	20.23 0.42 0.00	18.96 0.50 0.00	17.54 0.39 0.00	17.00 0.41 0.00	17.12 0.42 0.00	18.53 0.49 0.00	20.77 0.48 0.37	20.04 0.53 2.47	21.39 0.50 2.05	21.35 0.40 1.03	22.01 0.37 0.00	22.20 0.44 0.00	21.41 0.49 1.18	22.76 0.60 1.79	25.35 0.66 0.54	26.54 0.67 0.00	30.11 0.85 0.07	35.68 0.82 -3.16	41.90 0.74 -10.36	37.82 0.81 -4.78	29.95 0.62 0.00	28.01 0.68 -0.27	24.88 0.56 0.00	22.43 0.50 0.00
BETHLEHEM___GS3 323562	20.23 0.42 0.00	18.96 0.50 0.00	17.54 0.39 0.00	17.00 0.41 0.00	17.12 0.42 0.00	18.53 0.49 0.00	20.77 0.48 0.37	20.04 0.53 2.47	21.39 0.50 2.05	21.35 0.40 1.03	22.01 0.37 0.00	22.20 0.44 0.00	21.41 0.49 1.18	22.76 0.60 1.79	25.35 0.66 0.54	26.54 0.67 0.00	30.11 0.85 0.07	35.68 0.82 -3.16	41.90 0.74 -10.36	37.82 0.81 -4.78	29.95 0.62 0.00	28.01 0.68 -0.27	24.88 0.56 0.00	22.43 0.50 0.00
BETHLEHEM___STEEL 23779	20.35 0.54 0.00	18.81 0.35 0.00	17.34 0.19 0.00	16.55 -0.03 0.00	16.80 0.10 0.00	18.46 0.41 0.00	20.87 0.21 0.00	22.07 0.09 0.00	23.03 0.09 0.00	22.16 0.18 0.00	21.75 0.11 0.00	21.75 -0.02 0.00	22.17 0.07 0.00	23.83 -0.12 0.00	25.16 -0.08 0.00	25.67 -0.21 0.00	28.77 -0.56 0.00	31.52 -0.63 -0.46	31.20 -0.52 -0.92	31.90 -0.74 -0.41	29.45 0.12 0.00	26.90 -0.19 -0.03	24.49 0.17 0.00	22.43 0.50 0.00
BETHLHEM_115KV_TB1 79974	20.27 0.46 0.00	18.99 0.54 0.00	17.59 0.45 0.00	17.06 0.48 0.00	17.15 0.45 0.00	18.53 0.49 0.00	20.86 0.54 0.34	20.26 0.57 2.30	21.61 0.57 1.90	21.51 0.48 0.96	22.09 0.45 0.00	22.29 0.52 0.00	21.56 0.55 1.09	22.96 0.67 1.66	25.44 0.71 0.50	26.60 0.72 0.00	30.17 0.91 0.07	35.80 0.92 -3.18	41.76 0.83 -10.13	37.77 0.87 -4.67	30.01 0.67 0.00	28.06 0.73 -0.26	24.95 0.63 0.00	22.50 0.57 0.00
BETHPAGE_CC_5 323564	27.02 1.78 -5.42	23.53 1.64 -3.43	18.57 1.42 0.00	17.91 1.33 0.00	18.09 1.39 0.00	19.63 1.59 0.00	22.67 2.00 0.00	25.95 2.18 -1.79	27.17 2.29 -1.94	29.71 2.26 -5.46	27.86 2.14 -4.07	31.28 2.22 -7.29	41.65 2.17 -17.38	32.02 2.63 -5.44	39.55 2.70 -11.61	42.91 2.80 -14.24	47.62 3.31 -14.99	53.77 3.36 -18.72	47.79 3.05 -13.94	40.78 3.16 -5.39	34.28 2.70 -2.25	30.42 2.44 -0.91	29.80 2.53 -2.95	26.85 2.30 -2.63
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.39 0.57 0.00	18.87 0.41 0.00	17.37 0.22 0.00	16.58 0.00 0.00	16.82 0.12 0.00	18.49 0.45 0.00	20.93 0.27 0.00	22.14 0.15 0.00	23.10 0.16 0.00	22.23 0.24 0.00	21.81 0.17 0.00	21.81 0.04 0.00	22.23 0.13 0.00	23.90 -0.05 0.00	25.24 0.00 0.00	25.74 -0.13 0.00	28.89 -0.44 0.00	31.63 -0.54 -0.47	31.31 -0.43 -0.94	32.00 -0.64 -0.42	29.54 0.21 0.00	26.98 -0.11 -0.03	24.54 0.22 0.00	22.50 0.57 0.00
BINGHAMTON___COGEN 23790	20.25 0.44 0.00	18.85 0.39 0.00	17.42 0.27 0.00	16.80 0.22 0.00	16.95 0.25 0.00	18.44 0.40 0.00	21.10 0.43 0.00	22.42 0.44 0.00	23.39 0.46 0.00	22.42 0.44 0.00	22.07 0.43 0.00	22.16 0.39 0.00	22.50 0.40 0.00	24.35 0.41 0.00	25.69 0.45 0.00	26.36 0.49 0.00	29.82 0.50 0.00	33.19 0.54 -0.95	33.21 0.49 -1.91	33.56 0.48 -0.85	30.01 0.67 0.00	27.63 0.51 -0.05	24.83 0.51 0.00	22.47 0.55 0.00
BIXINCNT_115KV_LOAD 355685	20.41 0.59 0.00	18.88 0.42 0.00	17.41 0.26 0.00	16.60 0.02 0.00	16.82 0.12 0.00	18.49 0.45 0.00	20.97 0.31 0.00	22.20 0.22 0.00	23.14 0.21 0.00	22.23 0.24 0.00	21.79 0.15 0.00	21.77 0.00 0.00	22.26 0.15 0.00	23.95 0.00 0.00	25.31 0.08 0.00	25.82 -0.05 0.00	28.89 -0.44 0.00	31.73 -0.48 -0.50	31.29 -0.52 -1.01	32.03 -0.64 -0.45	29.54 0.21 0.00	27.09 0.00 -0.03	24.61 0.29 0.00	22.61 0.68 0.00
BLACK RIVER___HYD 24047	20.19 0.38 0.00	18.77 0.31 0.00	17.42 0.27 0.00	16.90 0.31 0.00	17.02 0.32 0.00	18.40 0.36 0.00	21.14 0.48 0.00	22.44 0.46 0.00	23.35 0.41 0.00	22.38 0.40 0.00	21.90 0.26 0.00	22.03 0.26 0.00	22.34 0.24 0.00	24.09 0.14 0.00	25.46 0.23 0.00	26.03 0.16 0.00	29.50 0.18 0.00	32.11 0.41 0.00	31.42 0.62 0.00	33.16 0.94 0.00	30.36 1.03 0.00	27.99 0.92 0.00	24.93 0.61 0.00	22.41 0.48 0.00

BLACKRVR_115KV_TB2 79977	20.21 0.40 0.00	18.77 0.31 0.00	17.42 0.27 0.00	16.88 0.30 0.00	17.02 0.32 0.00	18.40 0.36 0.00	21.14 0.48 0.00	22.44 0.46 0.00	23.32 0.39 0.00	22.38 0.40 0.00	21.88 0.24 0.00	22.01 0.24 0.00	22.34 0.24 0.00	24.09 0.14 0.00	25.49 0.25 0.00	26.03 0.16 0.00	29.50 0.18 0.00	32.11 0.41 0.00	31.42 0.62 0.00	33.16 0.93 0.00	30.36 1.03 0.00	27.99 0.92 0.00	24.93 0.61 0.00	22.41 0.48 0.00
BLISS_WT_PWR 323608	20.29 0.47 0.00	18.85 0.39 0.00	17.37 0.22 0.00	16.71 0.13 0.00	16.83 0.13 0.00	18.47 0.43 0.00	20.95 0.29 0.00	22.18 0.20 0.00	23.10 0.16 0.00	22.18 0.20 0.00	21.83 0.19 0.00	21.79 0.02 0.00	22.21 0.11 0.00	23.90 -0.05 0.00	25.14 -0.10 0.00	25.74 -0.13 0.00	28.62 -0.70 0.00	31.63 -0.57 -0.50	31.23 -0.59 -1.01	32.00 -0.68 -0.45	29.48 0.15 0.00	27.01 -0.08 -0.03	24.59 0.27 0.00	22.58 0.66 0.00
BLUE_CIRC_CHEM_DRP 24182	20.53 0.71 0.00	19.22 0.76 0.00	17.80 0.65 0.00	17.26 0.68 0.00	17.35 0.65 0.00	18.74 0.70 0.00	21.20 0.79 0.25	21.14 0.81 1.65	22.37 0.80 1.37	22.02 0.73 0.69	22.33 0.69 0.00	22.51 0.74 0.00	22.07 0.75 0.79	23.62 0.86 1.19	25.81 0.93 0.36	26.83 0.96 0.00	30.42 1.14 0.05	36.06 1.20 -3.15	40.97 1.14 -9.03	37.59 1.22 -4.13	30.39 1.06 0.00	28.35 1.06 -0.23	25.24 0.92 0.00	22.76 0.83 0.00
BOC_GAS_DRP 24189	20.39 0.57 0.00	19.07 0.61 0.00	17.66 0.51 0.00	17.11 0.53 0.00	17.22 0.52 0.00	18.60 0.56 0.00	21.13 0.66 0.20	21.35 0.68 1.31	22.54 0.69 1.09	22.08 0.64 0.55	22.27 0.63 0.00	22.46 0.70 0.00	22.18 0.71 0.62	23.84 0.84 0.95	25.83 0.88 0.29	26.78 0.91 0.00	30.36 1.09 0.05	36.12 1.11 -3.31	40.65 1.02 -8.83	37.32 1.06 -4.03	30.18 0.85 0.00	28.19 0.89 -0.23	25.10 0.78 0.00	22.63 0.70 0.00
BOONVILLE_115KV_TB1 79983	20.19 0.38 0.00	18.77 0.31 0.00	17.42 0.27 0.00	16.86 0.28 0.00	17.00 0.30 0.00	18.38 0.34 0.00	21.10 0.43 0.00	22.47 0.48 0.00	23.39 0.46 0.00	22.38 0.40 0.00	21.96 0.32 0.00	22.09 0.33 0.00	22.43 0.33 0.00	24.23 0.29 0.00	25.61 0.38 0.00	26.18 0.31 0.00	29.74 0.41 0.00	32.27 0.57 0.00	31.45 0.65 0.00	33.03 0.81 0.00	30.12 0.79 0.00	27.77 0.70 0.00	24.83 0.51 0.00	22.36 0.44 0.00
BORALEX_4TH_BRANCH 23824	20.96 1.15 0.00	19.57 1.11 0.00	18.13 0.98 0.00	17.54 0.96 0.00	17.67 0.97 0.00	19.14 1.10 0.00	22.58 1.32 -0.60	27.25 1.27 -4.00	27.55 1.31 -3.31	24.83 1.19 -1.66	22.83 1.19 0.00	23.01 1.24 0.00	25.35 1.35 -1.90	28.34 1.51 -2.89	27.70 1.59 -0.87	27.45 1.58 0.00	31.02 1.88 0.18	42.63 1.97 -8.97	45.42 1.82 -12.80	39.69 1.84 -5.63	30.92 1.58 0.00	29.01 1.62 -0.32	25.75 1.43 0.00	23.26 1.34 0.00
BOWLINE___1 23526	20.91 1.09 0.00	19.46 1.00 0.00	17.97 0.82 0.00	17.38 0.80 0.00	17.50 0.80 0.00	18.98 0.94 0.00	21.92 1.26 0.00	23.37 1.39 0.00	24.42 1.49 0.00	23.43 1.45 0.00	23.13 1.49 0.00	23.38 1.61 0.00	23.74 1.64 0.00	25.91 1.96 0.00	27.33 2.09 0.00	28.02 2.15 0.00	31.94 2.52 -0.09	37.20 2.57 -2.93	38.66 2.31 -5.54	36.91 2.35 -2.33	31.21 1.88 0.00	28.95 1.76 -0.13	25.90 1.58 0.00	23.37 1.45 0.00
BOWLINE___2 23595	20.91 1.09 0.00	19.46 1.00 0.00	17.97 0.82 0.00	17.38 0.80 0.00	17.50 0.80 0.00	18.98 0.94 0.00	21.92 1.26 0.00	23.37 1.39 0.00	24.42 1.49 0.00	23.43 1.45 0.00	23.13 1.49 0.00	23.38 1.61 0.00	23.74 1.64 0.00	25.91 1.96 0.00	27.33 2.09 0.00	28.02 2.15 0.00	31.94 2.52 -0.09	37.20 2.57 -2.93	38.66 2.31 -5.54	36.91 2.35 -2.33	31.21 1.88 0.00	28.95 1.76 -0.13	25.90 1.58 0.00	23.37 1.45 0.00
BRADY___115KV_TB2 356060	19.78 -0.04 0.00	18.37 -0.09 0.00	17.15 0.00 0.00	16.58 0.00 0.00	16.70 0.00 0.00	18.00 -0.04 0.00	20.58 -0.08 0.00	22.00 0.02 0.00	22.96 0.02 0.00	22.03 0.04 0.00	21.62 -0.02 0.00	21.66 -0.11 0.00	21.99 -0.11 0.00	23.71 -0.24 0.00	24.98 -0.25 0.00	25.56 -0.31 0.00	28.77 -0.56 0.00	31.16 -0.54 0.00	30.43 -0.37 0.00	32.00 -0.23 0.00	29.04 -0.29 0.00	26.82 -0.24 0.00	24.15 -0.17 0.00	21.77 -0.15 0.00
BRANSCOMB___SOLAR 323811	21.16 1.35 0.00	19.75 1.29 0.00	18.28 1.13 0.00	17.71 1.13 0.00	17.82 1.12 0.00	19.30 1.26 0.00	22.58 1.47 -0.45	26.51 1.52 -3.01	26.95 1.51 -2.50	24.67 1.43 -1.26	22.94 1.30 0.00	23.12 1.35 0.00	24.95 1.42 -1.43	27.71 1.58 -2.18	27.53 1.64 -0.66	27.53 1.66 0.00	31.19 1.97 0.10	43.79 2.31 -9.78	48.69 2.31 -15.58	41.38 2.38 -6.77	31.50 2.17 0.00	29.56 2.11 -0.38	26.15 1.82 0.00	23.51 1.58 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.87 1.84 -2.21	21.54 1.68 -1.40	18.60 1.46 0.00	17.91 1.33 0.00	18.07 1.37 0.00	19.64 1.61 0.00	22.68 2.02 0.00	24.95 2.24 -0.73	26.09 2.36 -0.79	26.48 2.26 -2.23	25.65 2.34 -1.67	27.28 2.52 -2.99	31.69 2.48 -7.11	28.86 2.68 -2.23	32.94 2.95 -4.75	34.83 3.13 -5.82	39.24 3.72 -6.20	45.09 3.93 -9.46	48.50 3.76 -13.94	40.72 3.90 -4.60	33.41 3.14 -0.94	30.51 2.98 -0.47	28.48 2.82 -1.34	25.61 2.57 -1.12
BRISTLHL_115KV_TB1 79998	19.58 -0.24 0.00	18.24 -0.22 0.00	16.89 -0.26 0.00	16.32 -0.27 0.00	16.45 -0.25 0.00	17.82 -0.22 0.00	20.39 -0.27 0.00	21.65 -0.33 0.00	22.59 -0.34 0.00	21.68 -0.31 0.00	21.32 -0.32 0.00	21.42 -0.35 0.00	21.77 -0.33 0.00	23.59 -0.36 0.00	24.88 -0.35 0.00	25.51 -0.36 0.00	28.91 -0.41 0.00	31.19 -0.51 0.00	30.34 -0.46 0.00	31.74 -0.48 0.00	29.07 -0.26 0.00	26.74 -0.32 0.00	24.03 -0.29 0.00	21.66 -0.26 0.00
BROOKHAVEN___DRP 24191	23.23 1.57 -1.85	21.05 1.42 -1.17	18.38 1.23 0.00	17.73 1.14 0.00	17.85 1.15 0.00	19.41 1.37 0.00	22.37 1.71 0.00	24.48 1.89 -0.61	25.59 2.00 -0.66	25.76 1.91 -1.86	25.05 2.01 -1.40	26.48 2.22 -2.50	30.18 2.14 -5.94	28.21 2.39 -1.86	31.87 2.68 -3.96	33.60 2.87 -4.86	37.97 3.46 -5.19	43.74 3.65 -8.40	48.35 3.60 -13.95	40.47 3.74 -4.51	32.99 2.87 -0.78	30.26 2.79 -0.41	28.10 2.63 -1.15	25.19 2.32 -0.94
BROOKLYN_NAVY_YARD 23515	21.07 1.25 0.00	19.60 1.14 0.00	18.11 0.96 0.00	17.49 0.91 0.00	17.62 0.92 0.00	19.12 1.08 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.39 1.75 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.44 3.02 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.50 2.17 0.00	29.26 2.06 -0.14	26.27 1.95 0.00	23.64 1.71 0.00
BROOKLYN___ARMY_DRP 323595	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00

BROOKVLE_69_KV_TB1 55790	30.47 1.61 -9.05	25.68 1.50 -5.73	18.42 1.27 -0.01	17.79 1.21 0.00	17.94 1.24 -0.01	19.44 1.39 -0.01	22.49 1.82 -0.01	27.03 2.04 -3.00	28.34 2.16 -3.25	33.18 2.07 -9.13	30.62 2.19 -6.80	36.22 2.29 -12.17	53.41 2.28 -29.04	35.63 2.61 -9.08	47.41 2.78 -19.40	52.58 2.92 -23.78	57.71 3.43 -24.96	64.47 3.55 -29.22	47.98 3.23 -13.95	41.93 3.35 -6.35	35.79 2.64 -3.82	31.12 2.60 -1.45	31.49 2.38 -4.78	28.41 2.15 -4.34
BROOME_2_LFGE 323671	20.23 0.42 0.00	18.85 0.39 0.00	17.42 0.27 0.00	16.83 0.25 0.00	16.97 0.27 0.00	18.46 0.42 0.00	21.12 0.45 0.00	22.42 0.44 0.00	23.39 0.46 0.00	22.45 0.46 0.00	22.10 0.46 0.00	22.18 0.41 0.00	22.50 0.40 0.00	24.38 0.43 0.00	25.66 0.43 0.00	26.36 0.49 0.00	29.79 0.47 0.00	33.15 0.51 -0.95	33.21 0.49 -1.91	33.56 0.48 -0.85	30.01 0.68 0.00	27.63 0.51 -0.05	24.81 0.49 0.00	22.47 0.55 0.00
BROOME__LFGE 323600	20.23 0.42 0.00	18.85 0.39 0.00	17.42 0.27 0.00	16.83 0.25 0.00	16.97 0.27 0.00	18.46 0.42 0.00	21.12 0.45 0.00	22.42 0.44 0.00	23.39 0.46 0.00	22.45 0.46 0.00	22.10 0.46 0.00	22.18 0.41 0.00	22.50 0.40 0.00	24.38 0.43 0.00	25.66 0.43 0.00	26.36 0.49 0.00	29.79 0.47 0.00	33.15 0.51 -0.95	33.21 0.49 -1.91	33.56 0.48 -0.85	30.01 0.68 0.00	27.63 0.51 -0.05	24.81 0.49 0.00	22.47 0.55 0.00
BROWNFLS_115KV_TB_3_5 80003	19.93 0.12 0.00	18.51 0.06 0.00	17.23 0.09 0.00	16.66 0.08 0.00	16.80 0.10 0.00	18.13 0.09 0.00	20.79 0.12 0.00	22.16 0.18 0.00	23.10 0.16 0.00	22.12 0.13 0.00	21.68 0.04 0.00	21.77 0.00 0.00	22.08 -0.02 0.00	23.80 -0.14 0.00	25.14 -0.10 0.00	25.64 -0.23 0.00	28.80 -0.53 0.00	31.19 -0.51 0.00	30.49 -0.31 0.00	32.13 -0.10 0.00	29.30 -0.03 0.00	27.06 0.00 0.00	24.32 0.00 0.00	21.97 0.04 0.00
BROWNSV1_27_KV_LOAD 356125	21.20 1.39 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.68 1.09 0.00	17.77 1.07 0.00	19.19 1.15 0.00	22.29 1.63 0.00	23.85 1.87 0.00	24.93 2.00 0.00	23.90 1.91 0.00	23.65 2.01 0.00	23.92 2.15 0.00	24.27 2.17 0.00	26.51 2.56 0.00	27.96 2.73 0.00	28.72 2.85 0.00	32.73 3.31 -0.09	38.12 3.39 -3.03	39.64 3.11 -5.73	37.82 3.19 -2.40	31.68 2.35 0.00	29.47 2.27 -0.14	26.46 2.14 0.00	23.86 1.93 0.00
BURROWS__LYONSDAL 23803	20.17 0.36 0.00	18.77 0.31 0.00	17.41 0.26 0.00	16.86 0.28 0.00	16.98 0.28 0.00	18.36 0.32 0.00	21.10 0.43 0.00	22.47 0.48 0.00	23.37 0.44 0.00	22.34 0.35 0.00	21.92 0.28 0.00	22.05 0.28 0.00	22.39 0.29 0.00	24.16 0.22 0.00	25.56 0.33 0.00	26.13 0.26 0.00	29.65 0.32 0.00	32.21 0.51 0.00	31.39 0.59 0.00	33.00 0.77 0.00	30.12 0.79 0.00	27.77 0.70 0.00	24.83 0.51 0.00	22.36 0.44 0.00
CAITHNESS_CC_1 323624	23.30 1.64 -1.84	21.08 1.46 -1.16	18.47 1.32 0.00	17.81 1.23 0.00	17.96 1.27 0.00	19.53 1.50 0.00	22.48 1.82 0.00	24.50 1.91 -0.60	25.61 2.02 -0.66	25.88 2.04 -1.85	25.04 2.01 -1.39	26.43 2.18 -2.49	30.13 2.12 -5.91	28.44 2.63 -1.86	31.86 2.67 -3.95	33.51 2.80 -4.84	37.86 3.37 -5.17	43.47 3.39 -8.38	48.04 3.30 -13.95	40.02 3.29 -4.51	32.96 2.84 -0.78	29.94 2.46 -0.41	27.97 2.51 -1.15	25.08 2.21 -0.94
CALPINE BETH_PAGE_GT4 24209	28.50 1.72 -6.96	24.45 1.59 -4.41	18.51 1.35 0.00	17.84 1.26 0.00	17.99 1.29 0.00	19.54 1.50 0.00	22.57 1.90 0.00	26.44 2.15 -2.31	27.64 2.20 -2.50	31.12 2.11 -7.02	29.06 2.19 -5.23	33.46 2.33 -9.37	46.61 2.17 -22.35	33.33 2.39 -6.99	42.76 2.60 -14.93	46.89 2.72 -18.30	51.75 3.20 -19.23	58.22 3.33 -23.19	47.79 3.05 -13.94	41.20 3.19 -5.79	34.78 2.55 -2.90	30.77 2.57 -1.14	30.53 2.48 -3.73	27.58 2.30 -3.35
CALPINE_BETH_PAGE_GT_4 323586	28.56 1.78 -6.96	24.51 1.64 -4.41	18.58 1.42 0.00	17.91 1.33 0.00	18.09 1.39 0.00	19.63 1.59 0.00	22.65 1.98 0.00	26.47 2.18 -2.31	27.73 2.29 -2.50	31.27 2.26 -7.02	29.02 2.14 -5.23	33.31 2.18 -9.37	46.61 2.17 -22.35	33.52 2.59 -6.99	42.87 2.70 -14.93	46.97 2.80 -18.30	51.84 3.28 -19.23	58.25 3.36 -23.19	47.77 3.02 -13.94	41.14 3.13 -5.79	34.90 2.67 -2.90	30.61 2.41 -1.14	30.53 2.48 -3.73	27.58 2.30 -3.35
CALPINE_BP_GT1 23823	28.56 1.78 -6.96	24.51 1.64 -4.41	18.58 1.42 0.00	17.91 1.33 0.00	18.09 1.39 0.00	19.63 1.59 0.00	22.65 1.98 0.00	26.47 2.18 -2.31	27.73 2.29 -2.50	31.27 2.26 -7.02	29.02 2.14 -5.23	33.31 2.18 -9.37	46.61 2.17 -22.35	33.52 2.59 -6.99	42.87 2.70 -14.93	46.97 2.80 -18.30	51.84 3.28 -19.23	58.25 3.36 -23.19	47.77 3.02 -13.94	41.14 3.13 -5.79	34.90 2.67 -2.90	30.61 2.41 -1.14	30.53 2.48 -3.73	27.58 2.30 -3.35
CALSPAN__DRP 24200	20.35 0.54 0.00	18.81 0.35 0.00	17.34 0.19 0.00	16.55 -0.03 0.00	16.80 0.10 0.00	18.46 0.41 0.00	20.87 0.21 0.00	22.07 0.09 0.00	23.03 0.09 0.00	22.16 0.18 0.00	21.75 0.11 0.00	21.75 -0.02 0.00	22.17 0.07 0.00	23.83 -0.12 0.00	25.16 -0.08 0.00	25.67 -0.21 0.00	28.77 -0.56 0.00	31.52 -0.63 -0.46	31.20 -0.52 -0.92	31.90 -0.74 -0.41	29.45 0.12 0.00	26.90 -0.19 -0.03	24.49 0.17 0.00	22.43 0.50 0.00
CALVERTON__SOLAR 323806	23.31 1.64 -1.85	21.10 1.48 -1.17	18.48 1.34 0.00	17.83 1.24 0.00	17.96 1.27 0.00	19.53 1.50 0.00	22.50 1.84 0.00	24.52 1.93 -0.61	25.64 2.04 -0.66	25.91 2.07 -1.86	25.10 2.06 -1.40	26.49 2.22 -2.50	30.21 2.17 -5.94	28.54 2.73 -1.87	31.98 2.78 -3.97	33.64 2.90 -4.87	38.01 3.49 -5.20	43.69 3.58 -8.41	48.26 3.51 -13.95	40.25 3.51 -4.51	33.14 3.02 -0.78	30.07 2.60 -0.41	28.08 2.60 -1.15	25.17 2.30 -0.95
CANDIGU_WT_PWR 323617	20.25 0.44 0.00	18.85 0.39 0.00	17.41 0.26 0.00	16.80 0.22 0.00	16.93 0.23 0.00	18.53 0.49 0.00	21.08 0.41 0.00	22.38 0.40 0.00	23.32 0.39 0.00	22.40 0.42 0.00	22.05 0.41 0.00	22.07 0.30 0.00	22.39 0.29 0.00	24.16 0.22 0.00	25.41 0.18 0.00	26.08 0.21 0.00	29.32 0.00 0.00	32.41 0.10 -0.62	32.17 0.12 -1.25	32.85 0.06 -0.55	29.98 0.64 0.00	27.42 0.33 -0.03	24.81 0.49 0.00	22.63 0.70 0.00
CARR STREET_E_SYR 24060	19.74 -0.08 0.00	18.39 -0.07 0.00	17.03 -0.12 0.00	16.47 -0.12 0.00	16.58 -0.12 0.00	18.00 -0.04 0.00	20.54 -0.12 0.00	21.81 -0.18 0.00	22.82 -0.11 0.00	21.87 -0.11 0.00	21.55 -0.09 0.00	21.66 -0.11 0.00	21.99 -0.11 0.00	23.80 -0.14 0.00	25.09 -0.15 0.00	25.74 -0.13 0.00	29.15 -0.17 0.00	31.64 -0.29 -0.22	31.00 -0.25 -0.45	32.14 -0.29 -0.20	29.30 -0.03 0.00	26.97 -0.11 -0.01	24.22 -0.10 0.00	21.86 -0.07 0.00
CARTHAGE__PAPER 23857	20.13 0.32 0.00	18.72 0.26 0.00	17.37 0.22 0.00	16.85 0.26 0.00	16.97 0.27 0.00	18.33 0.29 0.00	21.05 0.39 0.00	22.38 0.40 0.00	23.26 0.32 0.00	22.29 0.31 0.00	21.83 0.19 0.00	21.94 0.17 0.00	22.26 0.16 0.00	24.00 0.05 0.00	25.39 0.15 0.00	25.92 0.05 0.00	29.38 0.06 0.00	31.95 0.25 0.00	31.23 0.43 0.00	32.97 0.74 0.00	30.12 0.79 0.00	27.80 0.73 0.00	24.81 0.49 0.00	22.32 0.40 0.00

CASSADAGA_WT_PWR 323784	20.73 0.91 0.00	19.27 0.81 0.00	17.78 0.63 0.00	17.15 0.56 0.00	17.30 0.60 0.00	19.01 0.97 0.00	21.57 0.91 0.00	22.95 0.97 0.00	23.99 1.06 0.00	23.13 1.14 0.00	22.81 1.17 0.00	22.66 0.89 0.00	23.01 0.91 0.00	24.69 0.74 0.00	25.84 0.60 0.00	26.49 0.62 0.00	29.50 0.18 0.00	32.29 0.10 -0.50	32.14 0.34 -1.00	33.12 0.45 -0.44	30.54 1.20 0.00	27.90 0.81 -0.03	25.39 1.07 0.00	23.29 1.36 0.00
CE_DUNWOOD___DRP 24194	20.97 1.15 0.00	19.55 1.09 0.00	18.06 0.91 0.00	17.49 0.91 0.00	17.60 0.90 0.00	19.01 0.97 0.00	22.03 1.36 0.00	23.50 1.52 0.00	24.56 1.63 0.00	23.54 1.56 0.00	23.31 1.67 0.00	23.53 1.76 0.00	23.87 1.77 0.00	26.01 2.06 0.00	27.43 2.20 0.00	28.17 2.30 0.00	32.15 2.73 -0.09	37.52 2.79 -3.03	39.07 2.56 -5.72	37.23 2.61 -2.40	31.30 1.97 0.00	29.12 1.92 -0.14	26.07 1.75 0.00	23.53 1.60 0.00
CE_MILLWOOD___DRP 24193	20.95 1.13 0.00	19.51 1.05 0.00	18.04 0.89 0.00	17.48 0.90 0.00	17.57 0.87 0.00	18.98 0.94 0.00	21.98 1.32 0.00	23.45 1.47 0.00	24.49 1.56 0.00	23.50 1.52 0.00	23.24 1.60 0.00	23.47 1.70 0.00	23.80 1.70 0.00	25.93 1.99 0.00	27.36 2.12 0.00	28.10 2.22 0.00	32.06 2.64 -0.09	37.41 2.69 -3.02	38.96 2.46 -5.69	37.13 2.51 -2.39	31.21 1.88 0.00	29.07 1.87 -0.14	26.00 1.68 0.00	23.46 1.53 0.00
CE_NYC2_DRP 24202	21.10 1.29 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.59 1.01 0.00	17.70 1.00 0.00	19.05 1.01 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.72 1.79 0.00	23.70 1.71 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.54 2.66 0.00	32.57 3.14 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.39 2.05 0.00	29.20 2.00 -0.14	26.34 2.02 0.00	23.77 1.84 0.00
CE_NYC_DRP 24195	21.06 1.25 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.58 0.99 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.17 1.51 0.00	23.67 1.69 0.00	24.77 1.83 0.00	23.74 1.76 0.00	23.48 1.84 0.00	23.75 1.98 0.00	24.11 2.01 0.00	26.32 2.37 0.00	27.73 2.50 0.00	28.51 2.64 0.00	32.50 3.08 -0.09	37.84 3.11 -3.03	39.36 2.83 -5.73	37.53 2.90 -2.40	31.47 2.14 0.00	29.28 2.08 -0.14	26.29 1.97 0.00	23.68 1.75 0.00
CHAFFEE___LFGE 323603	20.33 0.51 0.00	18.86 0.41 0.00	17.41 0.26 0.00	16.76 0.18 0.00	16.88 0.18 0.00	18.53 0.49 0.00	20.95 0.29 0.00	22.20 0.22 0.00	23.16 0.23 0.00	22.29 0.31 0.00	22.01 0.37 0.00	21.96 0.20 0.00	22.30 0.20 0.00	23.97 0.02 0.00	25.14 -0.10 0.00	25.80 -0.08 0.00	28.77 -0.56 0.00	31.74 -0.44 -0.48	31.43 -0.34 -0.97	32.14 -0.52 -0.43	29.60 0.26 0.00	27.01 -0.08 -0.03	24.61 0.29 0.00	22.58 0.66 0.00
CHATEAUG_35_KV_LOAD 355732	19.99 0.18 0.00	18.55 0.09 0.00	17.23 0.09 0.00	16.62 0.03 0.00	16.68 -0.02 0.00	17.95 -0.09 0.00	20.48 -0.19 0.00	21.85 -0.13 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.51 -0.13 0.00	21.51 -0.26 0.00	21.75 -0.35 0.00	23.42 -0.53 0.00	24.61 -0.63 0.00	25.23 -0.65 0.00	28.45 -0.88 0.00	30.94 -0.76 0.00	30.25 -0.55 0.00	31.87 -0.35 0.00	28.92 -0.41 0.00	26.55 -0.51 0.00	23.86 -0.46 0.00	21.57 -0.35 0.00
CHATEAUG_WT_PWR 323614	20.01 0.20 0.00	18.57 0.11 0.00	17.23 0.09 0.00	16.60 0.02 0.00	16.67 -0.03 0.00	17.90 -0.14 0.00	20.48 -0.19 0.00	21.83 -0.15 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.53 -0.11 0.00	21.53 -0.24 0.00	21.79 -0.31 0.00	23.42 -0.53 0.00	24.63 -0.61 0.00	25.23 -0.65 0.00	28.47 -0.85 0.00	30.94 -0.76 0.00	30.22 -0.59 0.00	31.87 -0.35 0.00	28.89 -0.44 0.00	26.52 -0.54 0.00	23.86 -0.46 0.00	21.57 -0.35 0.00
CHAT_HIGH_FALL_HYD 323578	19.99 0.18 0.00	18.55 0.09 0.00	17.23 0.09 0.00	16.62 0.03 0.00	16.68 -0.02 0.00	17.91 -0.13 0.00	20.48 -0.19 0.00	21.85 -0.13 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.51 -0.13 0.00	21.51 -0.26 0.00	21.75 -0.35 0.00	23.40 -0.55 0.00	24.61 -0.63 0.00	25.20 -0.67 0.00	28.47 -0.85 0.00	30.97 -0.73 0.00	30.22 -0.59 0.00	31.87 -0.35 0.00	28.92 -0.41 0.00	26.55 -0.52 0.00	23.86 -0.46 0.00	21.57 -0.35 0.00
CHAUTAUQUA___LFGE 323629	20.69 0.87 0.00	19.22 0.76 0.00	17.73 0.58 0.00	17.10 0.51 0.00	17.25 0.55 0.00	18.92 0.88 0.00	21.47 0.81 0.00	22.80 0.81 0.00	23.81 0.87 0.00	22.95 0.97 0.00	22.64 1.00 0.00	22.55 0.78 0.00	22.87 0.77 0.00	24.57 0.62 0.00	25.74 0.50 0.00	26.42 0.54 0.00	29.44 0.12 0.00	32.34 0.16 -0.49	32.06 0.28 -0.98	32.92 0.26 -0.43	30.36 1.03 0.00	27.71 0.62 -0.03	25.22 0.90 0.00	23.11 1.18 0.00
CHERRYST_13_KV_LD 356241	21.12 1.31 0.00	19.68 1.22 0.00	18.18 1.03 0.00	17.61 1.03 0.00	17.72 1.02 0.00	19.14 1.10 0.00	22.23 1.57 0.00	23.76 1.78 0.00	24.86 1.93 0.00	23.83 1.85 0.00	23.57 1.93 0.00	23.84 2.07 0.00	24.20 2.10 0.00	26.41 2.47 0.00	27.86 2.62 0.00	28.61 2.74 0.00	32.62 3.20 -0.09	37.97 3.23 -3.03	39.49 2.96 -5.73	37.62 3.00 -2.40	31.56 2.23 0.00	29.37 2.17 -0.14	26.36 2.04 0.00	23.75 1.82 0.00
CHESTROR_138KV_BK263 355645	20.75 0.93 0.00	19.35 0.89 0.00	17.87 0.72 0.00	17.31 0.73 0.00	17.43 0.73 0.00	18.83 0.79 0.00	21.76 1.10 0.00	23.19 1.21 0.00	24.22 1.28 0.00	23.21 1.23 0.00	22.94 1.30 0.00	23.14 1.37 0.00	23.49 1.39 0.00	25.55 1.60 0.00	26.95 1.72 0.00	27.68 1.81 0.00	31.55 2.14 -0.08	36.70 2.22 -2.79	38.09 2.00 -5.29	36.52 2.06 -2.23	30.89 1.55 0.00	28.73 1.54 -0.13	25.71 1.39 0.00	23.20 1.27 0.00
CH_MIDHUDSON___DRP 24192	20.95 1.13 0.00	19.53 1.07 0.00	18.04 0.89 0.00	17.48 0.90 0.00	17.58 0.89 0.00	18.98 0.94 0.00	21.98 1.32 0.00	23.39 1.41 0.00	24.43 1.49 0.00	23.39 1.41 0.00	23.11 1.47 0.00	23.33 1.57 0.00	23.69 1.59 0.00	25.79 1.84 0.00	27.20 1.97 0.00	27.92 2.04 0.00	31.86 2.46 -0.07	37.25 2.54 -3.01	38.89 2.31 -5.78	37.08 2.38 -2.46	31.15 1.82 0.00	28.99 1.79 -0.14	25.93 1.61 0.00	23.42 1.49 0.00
CH_MISC_IPPS 23765	21.02 1.21 0.00	19.59 1.13 0.00	18.07 0.93 0.00	17.46 0.88 0.00	17.58 0.88 0.00	19.07 1.03 0.00	22.05 1.38 0.00	23.45 1.47 0.00	24.49 1.56 0.00	23.48 1.50 0.00	23.15 1.51 0.00	23.38 1.61 0.00	23.76 1.66 0.00	25.91 1.96 0.00	27.33 2.09 0.00	28.02 2.15 0.00	32.01 2.61 -0.07	37.34 2.66 -2.98	38.97 2.47 -5.70	37.19 2.55 -2.42	31.39 2.05 0.00	29.12 1.92 -0.14	26.02 1.70 0.00	23.51 1.58 0.00
CH_RES_BVR_FALLS 23983	19.54 -0.28 0.00	18.16 -0.30 0.00	16.93 -0.22 0.00	16.37 -0.22 0.00	16.47 -0.23 0.00	17.73 -0.31 0.00	20.31 -0.35 0.00	21.65 -0.33 0.00	22.61 -0.32 0.00	21.68 -0.31 0.00	21.32 -0.32 0.00	21.40 -0.37 0.00	21.68 -0.42 0.00	23.40 -0.55 0.00	24.63 -0.61 0.00	25.23 -0.65 0.00	28.59 -0.73 0.00	31.00 -0.70 0.00	30.22 -0.59 0.00	31.68 -0.55 0.00	28.77 -0.56 0.00	26.52 -0.54 0.00	23.86 -0.46 0.00	21.51 -0.42 0.00

CH_RES_NIAGARA 23895	19.26 -0.55 0.00	18.02 -0.44 0.00	16.50 -0.65 0.00	15.92 -0.66 0.00	16.03 -0.67 0.00	17.57 -0.47 0.00	19.79 -0.85 0.02	20.89 -1.08 0.02	21.79 -1.12 0.02	20.97 -0.99 0.02	20.73 -0.89 0.02	20.70 -1.04 0.02	20.95 -1.13 0.02	22.54 -1.39 0.02	23.58 -1.64 0.02	24.25 -1.60 0.02	27.07 -2.23 0.02	29.77 -2.31 -0.39	29.54 -2.06 -0.80	30.22 -2.35 -0.34	27.87 -1.44 0.02	25.41 -1.65 0.00	23.18 -1.12 0.02	21.25 -0.66 0.02
CH_RES_SYRACUSE 23985	19.84 0.02 0.00	18.48 0.02 0.00	17.11 -0.03 0.00	16.55 -0.03 0.00	16.67 -0.03 0.00	18.08 0.04 0.00	20.68 0.02 0.00	21.96 -0.02 0.00	22.93 0.00 0.00	21.98 0.00 0.00	21.64 0.00 0.00	21.75 -0.02 0.00	22.08 -0.02 0.00	23.90 -0.05 0.00	25.19 -0.05 0.00	25.87 0.00 0.00	29.30 -0.03 0.00	31.89 -0.06 -0.26	31.29 -0.03 -0.52	32.39 -0.06 -0.23	29.45 0.12 0.00	27.10 0.03 -0.01	24.34 0.02 0.00	21.95 0.02 0.00
CLINTON_WT_PWR 323605	20.01 0.20 0.00	18.57 0.11 0.00	17.23 0.09 0.00	16.60 0.02 0.00	16.67 -0.03 0.00	17.90 -0.14 0.00	20.48 -0.19 0.00	21.83 -0.15 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.53 -0.11 0.00	21.53 -0.24 0.00	21.79 -0.31 0.00	23.42 -0.53 0.00	24.63 -0.61 0.00	25.23 -0.65 0.00	28.47 -0.85 0.00	30.94 -0.76 0.00	30.22 -0.59 0.00	31.87 -0.35 0.00	28.89 -0.44 0.00	26.52 -0.54 0.00	23.86 -0.46 0.00	21.57 -0.35 0.00
CLINTON___LFGE 323618	20.17 0.36 0.00	18.72 0.26 0.00	17.37 0.22 0.00	16.73 0.15 0.00	16.80 0.10 0.00	18.06 0.02 0.00	20.66 0.00 0.00	22.05 0.07 0.00	23.07 0.14 0.00	22.18 0.20 0.00	21.73 0.09 0.00	21.72 -0.04 0.00	21.99 -0.11 0.00	23.61 -0.34 0.00	24.83 -0.40 0.00	25.43 -0.44 0.00	28.71 -0.62 0.00	31.29 -0.41 0.00	30.55 -0.25 0.00	32.23 0.00 0.00	29.22 -0.12 0.00	26.79 -0.27 0.00	24.08 -0.24 0.00	21.75 -0.18 0.00
COBBLENY_34_KV_TB1 80064	20.43 0.61 0.00	18.88 0.42 0.00	17.41 0.26 0.00	16.62 0.03 0.00	16.85 0.15 0.00	18.51 0.47 0.00	20.95 0.29 0.00	22.20 0.22 0.00	23.16 0.23 0.00	22.29 0.31 0.00	21.88 0.24 0.00	21.85 0.09 0.00	22.30 0.20 0.00	23.97 0.02 0.00	25.31 0.08 0.00	25.82 -0.05 0.00	28.95 -0.38 0.00	31.73 -0.44 -0.48	31.42 -0.34 -0.96	32.11 -0.55 -0.43	29.63 0.29 0.00	27.09 0.00 -0.03	24.64 0.32 0.00	22.56 0.64 0.00
COFFEEN___115KV_TB3 355620	20.31 0.50 0.00	18.87 0.41 0.00	17.51 0.36 0.00	16.96 0.38 0.00	17.10 0.40 0.00	18.51 0.47 0.00	21.26 0.60 0.00	22.58 0.59 0.00	23.44 0.50 0.00	22.49 0.51 0.00	21.99 0.35 0.00	22.12 0.35 0.00	22.45 0.35 0.00	24.19 0.24 0.00	25.59 0.35 0.00	26.13 0.26 0.00	29.65 0.32 0.00	32.30 0.60 0.00	31.63 0.83 0.00	33.42 1.19 0.00	30.62 1.29 0.00	28.20 1.14 0.00	25.10 0.78 0.00	22.54 0.61 0.00
COLDSPRG_115KV_BK1 355956	20.89 1.07 0.00	19.35 0.89 0.00	17.82 0.67 0.00	17.05 0.46 0.00	17.28 0.58 0.00	19.01 0.97 0.00	21.63 0.97 0.00	22.99 1.01 0.00	24.01 1.08 0.00	23.13 1.14 0.00	22.72 1.08 0.00	22.57 0.81 0.00	23.01 0.91 0.00	24.69 0.74 0.00	26.07 0.83 0.00	26.60 0.72 0.00	29.80 0.47 0.00	32.56 0.35 -0.51	32.21 0.37 -1.04	33.11 0.42 -0.46	30.54 1.20 0.00	27.99 0.89 -0.03	25.37 1.05 0.00	23.26 1.34 0.00
COLONIE_LFGE___ 323577	20.81 0.99 0.00	19.42 0.96 0.00	17.97 0.82 0.00	17.41 0.83 0.00	17.53 0.83 0.00	18.98 0.94 0.00	22.57 1.14 -0.77	28.30 1.14 -5.17	28.39 1.17 -4.29	25.22 1.08 -2.15	22.68 1.04 0.00	22.86 1.09 0.00	25.73 1.17 -2.46	29.00 1.32 -3.74	27.75 1.39 -1.13	27.27 1.40 0.00	30.88 1.67 0.11	44.35 1.81 -10.85	47.09 1.72 -14.56	40.10 1.67 -6.20	30.80 1.47 0.00	28.88 1.46 -0.35	25.58 1.26 0.00	23.07 1.14 0.00
COOPERNY_115KV_TB1 80082	20.51 0.69 0.00	19.11 0.65 0.00	17.68 0.53 0.00	17.11 0.53 0.00	17.23 0.53 0.00	18.62 0.58 0.00	21.47 0.81 0.00	22.88 0.90 0.00	23.90 0.96 0.00	22.91 0.92 0.00	22.61 0.97 0.00	22.81 1.04 0.00	23.14 1.04 0.00	25.14 1.20 0.00	26.52 1.29 0.00	27.22 1.35 0.00	30.96 1.58 -0.05	35.58 1.65 -2.24	36.57 1.48 -4.29	35.60 1.55 -1.83	30.51 1.17 0.00	28.33 1.16 -0.10	25.34 1.02 0.00	22.89 0.96 0.00
COPENHAGEN_WT_PWR 323753	20.13 0.32 0.00	18.72 0.26 0.00	17.37 0.22 0.00	16.83 0.25 0.00	16.97 0.27 0.00	18.35 0.31 0.00	21.05 0.39 0.00	22.38 0.40 0.00	23.28 0.34 0.00	22.31 0.33 0.00	21.83 0.19 0.00	21.96 0.20 0.00	22.28 0.18 0.00	24.04 0.10 0.00	25.41 0.18 0.00	25.98 0.10 0.00	29.44 0.12 0.00	32.02 0.32 0.00	31.29 0.49 0.00	33.00 0.77 0.00	30.21 0.88 0.00	27.85 0.79 0.00	24.83 0.51 0.00	22.34 0.42 0.00
CORNELL___ 23752	20.35 0.54 0.00	18.94 0.48 0.00	17.51 0.36 0.00	16.90 0.32 0.00	17.05 0.35 0.00	18.53 0.49 0.00	21.22 0.56 0.00	22.55 0.57 0.00	23.49 0.55 0.00	22.45 0.46 0.00	22.03 0.39 0.00	22.12 0.35 0.00	22.48 0.38 0.00	24.31 0.36 0.00	25.67 0.43 0.00	26.36 0.49 0.00	29.94 0.62 0.00	33.11 0.76 -0.65	32.91 0.80 -1.31	33.71 0.90 -0.58	30.39 1.06 0.00	27.91 0.81 -0.03	25.03 0.71 0.00	22.58 0.66 0.00
CORONA_AAV_69_KV_TB1 355595	51.87 1.68 -30.37	39.27 1.59 -19.22	18.52 1.34 -0.04	17.84 1.26 0.00	18.02 1.29 -0.04	19.54 1.46 -0.04	22.58 1.88 -0.04	34.15 2.09 -10.08	36.08 2.22 -10.93	54.74 2.13 -30.62	46.49 2.08 -22.78	64.77 2.22 -40.78	121.73 2.25 -97.38	56.97 2.61 -30.41	93.07 2.78 -65.06	108.53 2.90 -79.76	116.14 3.37 -83.44	125.99 3.49 -90.80	47.86 3.08 -13.98	47.55 3.22 -12.10	45.24 2.64 -13.27	34.25 2.49 -4.70	42.18 2.33 -15.52	38.38 2.08 -14.37
CORTLAND_115KV_TB3 80093	20.17 0.36 0.00	18.79 0.33 0.00	17.37 0.22 0.00	16.78 0.20 0.00	16.92 0.22 0.00	18.36 0.32 0.00	21.05 0.39 0.00	22.38 0.40 0.00	23.32 0.39 0.00	22.34 0.35 0.00	21.96 0.32 0.00	22.05 0.28 0.00	22.41 0.31 0.00	24.26 0.31 0.00	25.59 0.35 0.00	26.26 0.39 0.00	29.79 0.47 0.00	32.74 0.54 -0.50	32.33 0.52 -1.00	33.25 0.58 -0.45	30.04 0.70 0.00	27.63 0.54 -0.03	24.81 0.49 0.00	22.39 0.46 0.00
COXSACKIE___GT 23611	20.98 1.17 0.00	19.68 1.22 0.00	18.13 0.98 0.00	17.59 1.01 0.00	17.68 0.99 0.00	19.16 1.12 0.00	21.85 1.42 0.24	21.87 1.50 1.61	23.11 1.51 1.33	22.59 1.27 0.67	22.68 1.04 0.00	22.81 1.04 0.00	22.59 1.26 0.77	24.17 1.39 1.16	26.22 1.34 0.35	27.27 1.40 0.00	31.26 1.97 0.03	36.55 1.84 -3.01	41.38 1.97 -8.61	38.28 2.13 -3.92	31.33 2.00 0.00	29.13 1.84 -0.22	25.95 1.63 0.00	23.35 1.42 0.00
CPV_VALLEY___CC1 323721	20.61 0.79 0.00	19.20 0.74 0.00	17.75 0.60 0.00	17.16 0.58 0.00	17.28 0.58 0.00	18.74 0.70 0.00	21.61 0.95 0.00	23.02 1.03 0.00	24.04 1.10 0.00	23.06 1.08 0.00	22.74 1.10 0.00	22.96 1.20 0.00	23.32 1.21 0.00	25.38 1.44 0.00	26.78 1.54 0.00	27.48 1.60 0.00	31.27 1.88 -0.07	36.19 1.90 -2.59	37.45 1.72 -4.93	36.05 1.74 -2.08	30.71 1.38 0.00	28.48 1.30 -0.12	25.49 1.17 0.00	23.00 1.07 0.00

CPV_VALLEY___CC2 323722	20.61 0.79 0.00	19.20 0.74 0.00	17.75 0.60 0.00	17.16 0.58 0.00	17.28 0.58 0.00	18.74 0.70 0.00	21.61 0.95 0.00	23.02 1.03 0.00	24.04 1.10 0.00	23.06 1.08 0.00	22.74 1.10 0.00	22.96 1.20 0.00	23.32 1.21 0.00	25.38 1.44 0.00	26.78 1.54 0.00	27.48 1.60 0.00	31.27 1.88 -0.07	36.19 1.90 -2.59	37.45 1.72 -4.93	36.05 1.74 -2.08	30.71 1.38 0.00	28.48 1.30 -0.12	25.49 1.17 0.00	23.00 1.07 0.00
CRESCENT___HYD 24018	20.81 0.99 0.00	19.42 0.96 0.00	17.97 0.82 0.00	17.41 0.83 0.00	17.53 0.83 0.00	18.98 0.94 0.00	22.57 1.14 -0.77	28.30 1.14 -5.17	28.39 1.17 -4.29	25.22 1.08 -2.15	22.68 1.04 0.00	22.86 1.09 0.00	25.73 1.17 -2.46	29.00 1.32 -3.74	27.75 1.39 -1.13	27.27 1.40 0.00	30.88 1.67 0.11	44.35 1.81 -10.85	47.09 1.72 -14.56	40.10 1.67 -6.20	30.80 1.47 0.00	28.88 1.46 -0.35	25.58 1.26 0.00	23.07 1.14 0.00
CRICKET___VALLEY_CC1 323756	20.81 0.99 0.00	19.40 0.94 0.00	17.95 0.81 0.00	17.36 0.78 0.00	17.48 0.79 0.00	18.96 0.92 0.00	21.85 1.16 -0.03	23.33 1.16 -0.18	24.30 1.21 -0.15	23.22 1.16 -0.08	22.81 1.17 0.00	23.03 1.26 0.00	23.49 1.30 -0.09	25.66 1.58 -0.13	26.94 1.67 -0.04	27.55 1.68 0.00	30.26 2.02 1.09	32.66 2.03 1.07	34.62 1.79 -2.03	36.65 1.84 -2.59	30.80 1.47 0.00	28.67 1.46 -0.15	25.61 1.29 0.00	23.13 1.21 0.00
CRICKET___VALLEY_CC2 323757	20.81 0.99 0.00	19.40 0.94 0.00	17.95 0.81 0.00	17.36 0.78 0.00	17.48 0.79 0.00	18.96 0.92 0.00	21.85 1.16 -0.03	23.33 1.16 -0.18	24.30 1.21 -0.15	23.22 1.16 -0.08	22.81 1.17 0.00	23.03 1.26 0.00	23.49 1.30 -0.09	25.66 1.58 -0.13	26.94 1.67 -0.04	27.55 1.68 0.00	30.26 2.02 1.09	32.66 2.03 1.07	34.62 1.79 -2.03	36.65 1.84 -2.59	30.80 1.47 0.00	28.67 1.46 -0.15	25.61 1.29 0.00	23.13 1.21 0.00
CRICKET___VALLEY_CC3 323758	20.81 0.99 0.00	19.40 0.94 0.00	17.95 0.81 0.00	17.36 0.78 0.00	17.48 0.79 0.00	18.96 0.92 0.00	21.85 1.16 -0.03	23.33 1.16 -0.18	24.30 1.21 -0.15	23.22 1.16 -0.08	22.81 1.17 0.00	23.03 1.26 0.00	23.49 1.30 -0.09	25.66 1.58 -0.13	26.94 1.67 -0.04	27.55 1.68 0.00	30.26 2.02 1.09	32.66 2.03 1.07	34.62 1.79 -2.03	36.65 1.84 -2.59	30.80 1.47 0.00	28.67 1.46 -0.15	25.61 1.29 0.00	23.13 1.21 0.00
CRUCIBLE_METL_DRP 24180	19.86 0.04 0.00	18.50 0.04 0.00	17.11 -0.03 0.00	16.53 -0.05 0.00	16.67 -0.03 0.00	18.08 0.04 0.00	20.68 0.02 0.00	21.96 -0.02 0.00	22.93 0.00 0.00	21.98 0.00 0.00	21.62 -0.02 0.00	21.72 -0.04 0.00	22.08 -0.02 0.00	23.90 -0.05 0.00	25.21 -0.03 0.00	25.87 0.00 0.00	29.32 0.00 0.00	31.89 -0.06 -0.26	31.29 -0.03 -0.52	32.39 -0.06 -0.23	29.48 0.15 0.00	27.10 0.03 -0.01	24.34 0.02 0.00	21.95 0.02 0.00
DAHOWA___HYDRO 323763	21.28 1.47 0.00	19.86 1.40 0.00	18.37 1.22 0.00	17.81 1.23 0.00	17.92 1.22 0.00	19.41 1.37 0.00	22.65 1.59 -0.40	26.30 1.65 -2.67	26.82 1.67 -2.21	24.66 1.56 -1.11	23.07 1.43 0.00	23.25 1.48 0.00	24.92 1.55 -1.27	27.60 1.73 -1.93	27.59 1.77 -0.58	27.63 1.76 0.00	31.34 2.11 0.09	43.84 2.54 -9.60	49.08 2.56 -15.72	41.72 2.64 -6.84	31.74 2.41 0.00	29.75 2.30 -0.39	26.31 1.99 0.00	23.64 1.71 0.00
DANC___LFGE 323619	19.92 0.10 0.00	18.53 0.07 0.00	17.18 0.03 0.00	16.65 0.07 0.00	16.77 0.07 0.00	18.15 0.11 0.00	20.81 0.15 0.00	22.09 0.11 0.00	23.03 0.09 0.00	22.07 0.09 0.00	21.66 0.02 0.00	21.77 0.00 0.00	22.10 0.00 0.00	23.88 -0.07 0.00	25.21 -0.03 0.00	25.79 -0.08 0.00	29.18 -0.15 0.00	31.67 -0.03 0.00	30.89 0.09 0.00	32.48 0.26 0.00	29.71 0.38 0.00	27.42 0.35 0.00	24.51 0.19 0.00	22.08 0.15 0.00
DANSKAMMER___1 23586	21.02 1.21 0.00	19.59 1.13 0.00	18.07 0.93 0.00	17.46 0.88 0.00	17.58 0.88 0.00	19.07 1.03 0.00	22.05 1.38 0.00	23.45 1.47 0.00	24.49 1.56 0.00	23.48 1.50 0.00	23.15 1.51 0.00	23.38 1.61 0.00	23.76 1.66 0.00	25.91 1.96 0.00	27.33 2.09 0.00	28.02 2.15 0.00	32.01 2.61 -0.07	37.34 2.66 -2.98	38.97 2.47 -5.70	37.19 2.55 -2.42	31.39 2.05 0.00	29.12 1.92 -0.14	26.02 1.70 0.00	23.51 1.58 0.00
DANSKAMMER___2 23589	21.02 1.21 0.00	19.59 1.13 0.00	18.07 0.93 0.00	17.46 0.88 0.00	17.58 0.88 0.00	19.07 1.03 0.00	22.05 1.38 0.00	23.45 1.47 0.00	24.49 1.56 0.00	23.48 1.50 0.00	23.15 1.51 0.00	23.38 1.61 0.00	23.76 1.66 0.00	25.91 1.96 0.00	27.33 2.09 0.00	28.02 2.15 0.00	32.01 2.61 -0.07	37.34 2.66 -2.98	38.97 2.47 -5.70	37.19 2.55 -2.42	31.39 2.05 0.00	29.12 1.92 -0.14	26.02 1.70 0.00	23.51 1.58 0.00
DANSKAMMER___3 23590	21.02 1.21 0.00	19.59 1.13 0.00	18.07 0.93 0.00	17.46 0.88 0.00	17.58 0.88 0.00	19.07 1.03 0.00	22.05 1.38 0.00	23.45 1.47 0.00	24.49 1.56 0.00	23.48 1.50 0.00	23.15 1.51 0.00	23.38 1.61 0.00	23.76 1.66 0.00	25.91 1.96 0.00	27.33 2.09 0.00	28.02 2.15 0.00	32.01 2.61 -0.07	37.34 2.66 -2.98	38.97 2.47 -5.70	37.19 2.55 -2.42	31.39 2.05 0.00	29.12 1.92 -0.14	26.02 1.70 0.00	23.51 1.58 0.00
DANSKAMMER___4 23591	21.02 1.21 0.00	19.59 1.13 0.00	18.07 0.93 0.00	17.46 0.88 0.00	17.58 0.88 0.00	19.07 1.03 0.00	22.05 1.38 0.00	23.45 1.47 0.00	24.49 1.56 0.00	23.48 1.50 0.00	23.15 1.51 0.00	23.38 1.61 0.00	23.76 1.66 0.00	25.91 1.96 0.00	27.33 2.09 0.00	28.02 2.15 0.00	32.01 2.61 -0.07	37.34 2.66 -2.98	38.97 2.47 -5.70	37.19 2.55 -2.42	31.39 2.05 0.00	29.12 1.92 -0.14	26.02 1.70 0.00	23.51 1.58 0.00
DANSKAMMER___DIESEL 23592	20.99 1.17 0.00	19.59 1.13 0.00	18.06 0.91 0.00	17.51 0.93 0.00	17.62 0.92 0.00	19.01 0.97 0.00	22.03 1.36 0.00	23.45 1.47 0.00	24.52 1.58 0.00	23.48 1.49 0.00	23.20 1.56 0.00	23.40 1.63 0.00	23.76 1.66 0.00	25.86 1.92 0.00	27.28 2.04 0.00	27.99 2.12 0.00	31.98 2.58 -0.07	37.37 2.69 -2.98	38.97 2.46 -5.70	37.19 2.55 -2.42	31.30 1.97 0.00	29.12 1.92 -0.14	26.02 1.70 0.00	23.50 1.58 0.00
DARBY___SOLAR 323810	21.18 1.37 0.00	19.77 1.31 0.00	18.28 1.13 0.00	17.73 1.14 0.00	17.84 1.14 0.00	19.32 1.28 0.00	22.60 1.49 -0.45	26.52 1.54 -3.00	27.00 1.58 -2.48	24.71 1.47 -1.25	23.00 1.36 0.00	23.18 1.41 0.00	25.01 1.48 -1.43	27.76 1.65 -2.17	27.58 1.69 -0.65	27.58 1.71 0.00	31.28 2.05 0.10	43.88 2.41 -9.77	48.76 2.37 -15.59	41.44 2.45 -6.77	31.53 2.20 0.00	29.59 2.14 -0.38	26.17 1.85 0.00	23.53 1.60 0.00
DASHVILLE___HYD 23610	20.71 0.89 0.00	19.31 0.85 0.00	17.82 0.67 0.00	17.26 0.68 0.00	17.37 0.67 0.00	18.74 0.70 0.00	21.84 1.24 0.06	22.89 1.32 0.41	23.99 1.40 0.34	23.13 1.32 0.17	22.85 1.21 0.00	23.03 1.26 0.00	23.45 1.55 0.20	25.44 1.80 0.30	27.06 1.92 0.09	27.61 1.73 0.00	31.80 2.43 -0.04	36.69 2.09 -2.90	38.84 1.72 -6.32	36.76 1.77 -2.76	30.74 1.41 0.00	28.47 1.24 -0.16	25.63 1.31 0.00	23.15 1.23 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	23.67 2.00 -1.85	21.44 1.81 -1.17	18.74 1.59 0.00	18.07 1.49 0.00	18.20 1.50 0.00	19.82 1.79 0.00	22.81 2.15 0.00	24.99 2.40 -0.61	26.14 2.55 -0.66	26.29 2.44 -1.87	25.64 2.60 -1.40	27.10 2.83 -2.51	30.87 2.81 -5.96	28.96 3.14 -1.87	32.70 3.48 -3.98	34.51 3.75 -4.88	39.02 4.49 -5.21	44.97 4.85 -8.42	49.65 4.90 -13.95	41.77 5.03 -4.51	34.08 3.96 -0.79	31.18 3.71 -0.41	28.86 3.38 -1.15	25.83 2.96 -0.95
DELAWARE___LFGE 323621	20.49 0.67 0.00	19.09 0.63 0.00	17.66 0.51 0.00	17.10 0.51 0.00	17.22 0.52 0.00	18.65 0.61 0.00	21.43 0.76 0.00	22.82 0.84 0.00	23.78 0.85 0.00	22.80 0.81 0.00	22.44 0.80 0.00	22.59 0.83 0.00	22.94 0.84 0.00	24.83 0.89 0.00	26.22 0.98 0.00	26.88 1.01 0.00	30.47 1.14 0.00	34.92 1.27 -1.95	35.94 1.20 -3.94	35.26 1.29 -1.74	30.48 1.14 0.00	28.25 1.08 -0.10	25.24 0.92 0.00	22.78 0.86 0.00
DERFIELD_115KV_TB7 355931	19.88 0.06 0.00	18.51 0.06 0.00	17.18 0.03 0.00	16.63 0.05 0.00	16.73 0.03 0.00	18.09 0.05 0.00	20.74 0.08 0.00	22.05 0.07 0.00	22.98 0.05 0.00	22.03 0.04 0.00	21.68 0.04 0.00	21.83 0.07 0.00	22.17 0.07 0.00	24.02 0.07 0.00	25.31 0.08 0.00	25.92 0.05 0.00	29.41 0.09 0.00	31.83 0.13 0.00	30.92 0.12 0.00	32.36 0.13 0.00	29.45 0.12 0.00	27.17 0.11 0.00	24.42 0.10 0.00	22.01 0.09 0.00
DOGLEVILLE___HYD 23807	19.80 -0.02 0.00	18.42 -0.04 0.00	17.10 -0.05 0.00	16.53 -0.05 0.00	16.63 -0.07 0.00	17.97 -0.07 0.00	20.62 -0.04 0.00	21.92 -0.07 0.00	22.82 -0.11 0.00	21.90 -0.09 0.00	21.53 -0.11 0.00	21.68 -0.09 0.00	22.01 -0.09 0.00	23.83 -0.12 0.00	25.09 -0.15 0.00	25.69 -0.18 0.00	29.15 -0.17 0.00	31.57 -0.13 0.00	30.71 -0.09 0.00	32.19 -0.03 0.00	29.33 0.00 0.00	27.15 0.08 0.00	24.39 0.07 0.00	21.99 0.07 0.00
DUNKIRK___115KV_TB_200 55889	20.75 0.93 0.00	19.22 0.76 0.00	17.71 0.57 0.00	16.95 0.36 0.00	17.18 0.48 0.00	18.89 0.85 0.00	21.43 0.76 0.00	22.77 0.79 0.00	23.76 0.83 0.00	22.91 0.92 0.00	22.48 0.84 0.00	22.42 0.65 0.00	22.83 0.73 0.00	24.52 0.57 0.00	25.87 0.63 0.00	26.42 0.54 0.00	29.59 0.26 0.00	32.34 0.16 -0.48	32.02 0.25 -0.97	32.82 0.16 -0.43	30.30 0.97 0.00	27.74 0.65 -0.03	25.17 0.85 0.00	23.04 1.12 0.00
DUNKIRK___1 23563	20.75 0.93 0.00	19.22 0.76 0.00	17.71 0.57 0.00	16.95 0.36 0.00	17.18 0.48 0.00	18.89 0.85 0.00	21.43 0.76 0.00	22.77 0.79 0.00	23.76 0.83 0.00	22.91 0.92 0.00	22.48 0.84 0.00	22.42 0.65 0.00	22.83 0.73 0.00	24.52 0.57 0.00	25.87 0.63 0.00	26.42 0.54 0.00	29.59 0.26 0.00	32.34 0.16 -0.48	32.02 0.25 -0.97	32.82 0.16 -0.43	30.30 0.97 0.00	27.74 0.65 -0.03	25.17 0.85 0.00	23.04 1.12 0.00
DUNKIRK___2 23564	20.75 0.93 0.00	19.22 0.76 0.00	17.71 0.57 0.00	16.95 0.36 0.00	17.18 0.48 0.00	18.89 0.85 0.00	21.43 0.76 0.00	22.77 0.79 0.00	23.76 0.83 0.00	22.91 0.92 0.00	22.48 0.84 0.00	22.42 0.65 0.00	22.83 0.73 0.00	24.52 0.57 0.00	25.87 0.63 0.00	26.42 0.54 0.00	29.59 0.26 0.00	32.34 0.16 -0.48	32.02 0.25 -0.97	32.82 0.16 -0.43	30.30 0.97 0.00	27.74 0.65 -0.03	25.17 0.85 0.00	23.04 1.12 0.00
DUNKIRK___3 23565	20.61 0.79 0.00	19.09 0.63 0.00	17.59 0.45 0.00	16.83 0.25 0.00	17.07 0.37 0.00	18.74 0.70 0.00	21.26 0.60 0.00	22.58 0.59 0.00	23.55 0.62 0.00	22.69 0.70 0.00	22.29 0.65 0.00	22.22 0.46 0.00	22.65 0.55 0.00	24.33 0.38 0.00	25.67 0.43 0.00	26.21 0.34 0.00	29.38 0.06 0.00	32.15 -0.03 -0.48	31.80 0.03 -0.97	32.56 -0.10 -0.43	30.07 0.73 0.00	27.50 0.41 -0.03	24.95 0.63 0.00	22.87 0.94 0.00
DUNKIRK___4 23566	20.61 0.79 0.00	19.09 0.63 0.00	17.59 0.45 0.00	16.83 0.25 0.00	17.07 0.37 0.00	18.74 0.70 0.00	21.26 0.60 0.00	22.58 0.59 0.00	23.55 0.62 0.00	22.69 0.70 0.00	22.29 0.65 0.00	22.22 0.46 0.00	22.65 0.55 0.00	24.33 0.38 0.00	25.67 0.43 0.00	26.21 0.34 0.00	29.38 0.06 0.00	32.15 -0.03 -0.48	31.80 0.03 -0.97	32.56 -0.10 -0.43	30.07 0.73 0.00	27.50 0.41 -0.03	24.95 0.63 0.00	22.87 0.94 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.00 1.19 0.00	19.59 1.13 0.00	18.09 0.94 0.00	17.53 0.95 0.00	17.63 0.94 0.00	19.05 1.01 0.00	22.09 1.43 0.00	23.56 1.58 0.00	24.61 1.67 0.00	23.61 1.63 0.00	23.35 1.71 0.00	23.60 1.83 0.00	23.93 1.83 0.00	26.08 2.13 0.00	27.51 2.27 0.00	28.28 2.41 0.00	32.23 2.82 -0.09	37.62 2.88 -3.03	39.18 2.65 -5.73	37.33 2.71 -2.40	31.36 2.02 0.00	29.20 2.00 -0.14	26.14 1.82 0.00	23.59 1.67 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.85 1.03 0.00	19.44 0.98 0.00	17.94 0.79 0.00	17.38 0.80 0.00	17.48 0.78 0.00	18.89 0.85 0.00	21.88 1.22 0.00	23.30 1.32 0.00	24.33 1.40 0.00	23.32 1.34 0.00	23.05 1.41 0.00	23.25 1.48 0.00	23.60 1.50 0.00	25.70 1.75 0.00	27.10 1.87 0.00	27.84 1.97 0.00	31.74 2.35 -0.07	37.04 2.44 -2.90	38.53 2.19 -5.54	36.84 2.26 -2.35	31.06 1.73 0.00	28.90 1.71 -0.13	25.83 1.51 0.00	23.33 1.40 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.12 1.31 0.00	19.66 1.20 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.98 0.94 0.00	22.03 1.36 0.00	23.54 1.56 0.00	24.61 1.67 0.00	23.59 1.60 0.00	23.37 1.73 0.00	23.64 1.87 0.00	23.98 1.88 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.48 3.05 -0.10	37.85 3.11 -3.04	39.43 2.90 -5.74	37.63 3.00 -2.41	31.24 1.91 0.00	29.10 1.89 -0.14	26.41 2.09 0.00	23.81 1.89 0.00
E179THST_13_KV_LOAD 356214	21.20 1.39 0.00	19.73 1.27 0.00	18.26 1.11 0.00	17.68 1.09 0.00	17.77 1.07 0.00	19.05 1.01 0.00	22.11 1.45 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.70 1.71 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.39 2.44 0.00	27.84 2.60 0.00	28.64 2.77 0.00	32.65 3.23 -0.10	38.07 3.33 -3.04	39.62 3.08 -5.74	37.83 3.19 -2.41	31.39 2.05 0.00	29.23 2.03 -0.14	26.53 2.21 0.00	23.92 2.00 0.00
EAST HAMPTON___GT 23717	24.01 2.34 -1.85	21.72 2.09 -1.17	19.07 1.92 0.00	18.37 1.79 0.00	18.53 1.84 0.00	20.16 2.13 0.00	23.18 2.52 0.00	25.30 2.70 -0.61	26.46 2.87 -0.66	26.80 2.95 -1.87	25.99 2.94 -1.40	27.41 3.14 -2.51	31.20 3.14 -5.96	29.63 3.81 -1.87	33.13 3.91 -3.98	34.89 4.14 -4.88	39.49 4.96 -5.21	45.42 5.29 -8.42	49.98 5.24 -13.95	42.05 5.32 -4.51	34.67 4.55 -0.79	31.37 3.90 -0.41	29.17 3.70 -1.15	26.10 3.22 -0.95
EAST RIVER___6 23660	21.14 1.33 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.20 1.16 0.00	22.23 1.57 0.00	23.70 1.72 0.00	24.79 1.86 0.00	23.79 1.80 0.00	23.48 1.84 0.00	23.77 2.00 0.00	24.16 2.06 0.00	26.44 2.49 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.62 3.20 -0.09	37.97 3.23 -3.03	39.46 2.93 -5.73	37.63 3.00 -2.40	31.65 2.32 0.00	29.37 2.17 -0.14	26.36 2.04 0.00	23.72 1.80 0.00

EAST_RIVER___7 23524	21.14 1.33 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.20 1.16 0.00	22.23 1.57 0.00	23.70 1.72 0.00	24.79 1.86 0.00	23.79 1.80 0.00	23.48 1.84 0.00	23.77 2.00 0.00	24.16 2.06 0.00	26.44 2.49 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.62 3.20 -0.09	37.97 3.23 -3.03	39.46 2.93 -5.73	37.63 3.00 -2.40	31.65 2.32 0.00	29.37 2.17 -0.14	26.36 2.04 0.00	23.72 1.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.97 1.15 0.00	19.55 1.09 0.00	18.06 0.91 0.00	17.49 0.91 0.00	17.60 0.90 0.00	19.01 0.97 0.00	22.03 1.36 0.00	23.50 1.52 0.00	24.56 1.63 0.00	23.54 1.56 0.00	23.31 1.67 0.00	23.53 1.76 0.00	23.87 1.77 0.00	26.01 2.06 0.00	27.43 2.20 0.00	28.17 2.30 0.00	32.15 2.73 -0.09	37.52 2.79 -3.03	39.07 2.56 -5.72	37.23 2.61 -2.40	31.30 1.97 0.00	29.12 1.92 -0.14	26.07 1.75 0.00	23.53 1.60 0.00
EAST_HAMPTON___DIESEL 23722	24.01 2.34 -1.85	21.72 2.09 -1.17	19.07 1.92 0.00	18.37 1.79 0.00	18.53 1.84 0.00	20.16 2.13 0.00	23.18 2.52 0.00	25.32 2.73 -0.61	26.46 2.87 -0.66	26.80 2.95 -1.87	25.99 2.94 -1.40	27.41 3.14 -2.51	31.20 3.14 -5.96	29.63 3.81 -1.87	33.13 3.91 -3.98	34.89 4.14 -4.88	39.49 4.96 -5.21	45.42 5.29 -8.42	49.98 5.24 -13.95	42.05 5.32 -4.51	34.67 4.55 -0.79	31.37 3.90 -0.41	29.17 3.70 -1.15	26.12 3.24 -0.95
EAST_PULASKI___ESR 323781	19.72 -0.10 0.00	18.35 -0.11 0.00	17.01 -0.14 0.00	16.45 -0.13 0.00	16.58 -0.12 0.00	17.97 -0.07 0.00	20.58 -0.08 0.00	21.83 -0.15 0.00	22.77 -0.16 0.00	21.83 -0.15 0.00	21.45 -0.19 0.00	21.55 -0.22 0.00	21.90 -0.20 0.00	23.68 -0.26 0.00	25.01 -0.23 0.00	25.61 -0.26 0.00	29.00 -0.32 0.00	31.35 -0.35 0.00	30.52 -0.28 0.00	32.00 -0.23 0.00	29.27 -0.06 0.00	27.01 -0.05 0.00	24.22 -0.10 0.00	21.82 -0.11 0.00
EAST_RIVER___1 323558	21.10 1.29 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.53 0.94 0.00	17.67 0.97 0.00	19.16 1.12 0.00	22.19 1.53 0.00	23.67 1.69 0.00	24.77 1.84 0.00	23.76 1.78 0.00	23.44 1.80 0.00	23.73 1.96 0.00	24.11 2.01 0.00	26.36 2.42 0.00	27.81 2.58 0.00	28.51 2.64 0.00	32.50 3.08 -0.09	37.84 3.11 -3.03	39.36 2.83 -5.73	37.53 2.90 -2.40	31.59 2.26 0.00	29.31 2.11 -0.14	26.29 1.97 0.00	23.66 1.73 0.00
EAST_RIVER___2 323559	21.14 1.33 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.20 1.16 0.00	22.23 1.57 0.00	23.70 1.72 0.00	24.79 1.86 0.00	23.79 1.80 0.00	23.48 1.84 0.00	23.77 2.00 0.00	24.16 2.06 0.00	26.44 2.49 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.62 3.20 -0.09	37.97 3.23 -3.03	39.46 2.93 -5.73	37.63 3.00 -2.40	31.65 2.32 0.00	29.37 2.17 -0.14	26.36 2.04 0.00	23.72 1.80 0.00
EAST___DELAWARE_HYD 23607	20.49 0.67 0.00	19.07 0.61 0.00	17.59 0.45 0.00	17.00 0.41 0.00	17.12 0.42 0.00	18.56 0.52 0.00	21.49 0.83 0.00	22.86 0.88 0.00	23.88 0.94 0.00	22.86 0.88 0.00	22.57 0.93 0.00	22.77 1.00 0.00	23.16 1.06 0.00	25.24 1.29 0.00	26.62 1.39 0.00	27.32 1.45 0.00	31.16 1.79 -0.05	36.23 1.81 -2.72	37.74 1.66 -5.28	36.24 1.74 -2.27	30.65 1.32 0.00	28.44 1.25 -0.13	25.39 1.07 0.00	22.91 0.99 0.00
EIGHT_POINT___WT_PWR 323820	20.43 0.61 0.00	19.03 0.57 0.00	17.56 0.41 0.00	16.95 0.36 0.00	17.10 0.40 0.00	18.73 0.69 0.00	21.32 0.66 0.00	22.62 0.64 0.00	23.58 0.64 0.00	22.64 0.66 0.00	22.29 0.65 0.00	22.29 0.52 0.00	22.63 0.53 0.00	24.40 0.45 0.00	25.64 0.40 0.00	26.34 0.47 0.00	29.65 0.32 0.00	32.75 0.48 -0.58	32.49 0.52 -1.16	33.29 0.55 -0.52	30.48 1.14 0.00	27.85 0.76 -0.03	25.19 0.87 0.00	22.96 1.03 0.00
ELBRIDGE_115KV_TB2 80188	19.82 0.00 0.00	18.46 0.00 0.00	17.10 -0.05 0.00	16.50 -0.08 0.00	16.63 -0.07 0.00	18.06 0.02 0.00	20.66 0.00 0.00	21.94 -0.04 0.00	22.87 -0.07 0.00	21.92 -0.07 0.00	21.55 -0.09 0.00	21.66 -0.11 0.00	22.01 -0.09 0.00	23.80 -0.14 0.00	25.14 -0.10 0.00	25.77 -0.10 0.00	29.21 -0.12 0.00	31.85 -0.13 -0.28	31.27 -0.09 -0.56	32.35 -0.13 -0.25	29.42 0.09 0.00	27.05 -0.03 -0.01	24.30 -0.02 0.00	21.93 0.00 0.00
ELEC_TRO_TEK 24086	35.67 1.59 -14.27	28.97 1.48 -9.03	18.40 1.23 -0.01	17.74 1.16 0.00	17.90 1.19 -0.01	19.43 1.37 -0.01	22.45 1.78 -0.01	28.72 2.00 -4.73	30.15 2.09 -5.13	38.40 2.02 -14.39	34.41 2.06 -10.71	43.14 2.20 -19.17	70.08 2.21 -45.77	40.76 2.51 -14.30	58.49 2.68 -30.58	66.13 2.77 -37.49	71.86 3.26 -39.28	79.33 3.33 -44.30	47.68 2.93 -13.95	43.06 3.06 -7.78	37.96 2.46 -6.17	31.68 2.35 -2.26	33.97 2.24 -7.41	30.76 2.04 -6.79
ELLENBURG_WT_PWR 323604	20.01 0.20 0.00	18.57 0.11 0.00	17.23 0.09 0.00	16.60 0.02 0.00	16.67 -0.03 0.00	17.90 -0.14 0.00	20.48 -0.19 0.00	21.83 -0.15 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.53 -0.11 0.00	21.53 -0.24 0.00	21.79 -0.31 0.00	23.42 -0.53 0.00	24.63 -0.61 0.00	25.23 -0.65 0.00	28.47 -0.85 0.00	30.94 -0.76 0.00	30.22 -0.59 0.00	31.87 -0.35 0.00	28.89 -0.44 0.00	26.52 -0.54 0.00	23.86 -0.46 0.00	21.57 -0.35 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.25 0.44 0.00	18.72 0.26 0.00	17.25 0.10 0.00	16.47 -0.12 0.00	16.72 0.02 0.00	18.36 0.32 0.00	20.77 0.10 0.00	21.96 -0.02 0.00	22.91 -0.02 0.00	22.05 0.07 0.00	21.64 0.00 0.00	21.64 -0.13 0.00	22.03 -0.07 0.00	23.71 -0.24 0.00	25.01 -0.23 0.00	25.51 -0.36 0.00	28.62 -0.70 0.00	31.32 -0.82 -0.44	31.02 -0.68 -0.89	31.69 -0.93 -0.40	29.30 -0.03 0.00	26.74 -0.35 -0.02	24.34 0.02 0.00	22.30 0.37 0.00
EMPIRE_CC_1 323656	20.51 0.69 0.00	19.16 0.70 0.00	17.75 0.60 0.00	17.18 0.60 0.00	17.30 0.60 0.00	18.73 0.69 0.00	20.85 0.76 0.58	18.81 0.68 3.85	20.45 0.71 3.19	20.97 0.59 1.61	22.27 0.63 0.00	22.44 0.68 0.00	21.02 0.75 1.83	22.05 0.89 2.78	25.33 0.93 0.84	26.80 0.93 0.00	30.30 1.11 0.14	33.28 1.11 -0.48	39.10 0.99 -7.31	36.75 1.03 -3.49	30.18 0.85 0.00	28.18 0.92 -0.20	25.12 0.80 0.00	22.71 0.79 0.00
EMPIRE_CC_2 323658	20.51 0.69 0.00	19.16 0.70 0.00	17.75 0.60 0.00	17.18 0.60 0.00	17.30 0.60 0.00	18.73 0.69 0.00	20.85 0.76 0.58	18.81 0.68 3.85	20.45 0.71 3.19	20.97 0.59 1.61	22.27 0.63 0.00	22.44 0.68 0.00	21.02 0.75 1.83	22.05 0.89 2.78	25.33 0.93 0.84	26.80 0.93 0.00	30.30 1.11 0.14	33.28 1.11 -0.48	39.10 0.99 -7.31	36.75 1.03 -3.49	30.18 0.85 0.00	28.18 0.92 -0.20	25.12 0.80 0.00	22.71 0.79 0.00
ENORWICH_115KV_TB1 80156	21.06 1.25 0.00	19.59 1.13 0.00	18.11 0.96 0.00	17.53 0.95 0.00	17.68 0.99 0.00	19.23 1.19 0.00	22.07 1.41 0.00	23.50 1.52 0.00	24.38 1.44 0.00	22.86 0.88 0.00	22.35 0.71 0.00	22.42 0.65 0.00	22.76 0.66 0.00	24.55 0.60 0.00	25.89 0.66 0.00	26.96 1.09 0.00	30.67 1.35 0.00	34.63 1.84 -1.10	35.07 2.06 -2.21	35.69 2.48 -0.98	31.86 2.52 0.00	29.31 2.19 -0.06	26.05 1.73 0.00	23.46 1.53 0.00

ERIE_ST__34_KV_TB1-2 80199	20.47 0.65 0.00	18.94 0.48 0.00	17.44 0.29 0.00	16.65 0.07 0.00	16.88 0.18 0.00	18.56 0.52 0.00	21.03 0.37 0.00	22.25 0.26 0.00	23.21 0.28 0.00	22.36 0.37 0.00	21.96 0.32 0.00	21.94 0.17 0.00	22.39 0.29 0.00	24.04 0.10 0.00	25.39 0.15 0.00	25.95 0.08 0.00	29.09 -0.23 0.00	31.88 -0.29 -0.47	31.49 -0.25 -0.94	32.19 -0.45 -0.42	29.69 0.35 0.00	27.14 0.05 -0.03	24.64 0.32 0.00	22.61 0.68 0.00
ERIE_WT_PWR 323693	20.25 0.44 0.00	18.81 0.35 0.00	17.36 0.21 0.00	16.71 0.13 0.00	16.85 0.15 0.00	18.47 0.43 0.00	20.89 0.23 0.00	22.09 0.11 0.00	23.05 0.12 0.00	22.18 0.20 0.00	21.90 0.26 0.00	21.88 0.11 0.00	22.17 0.07 0.00	23.85 -0.10 0.00	24.96 -0.28 0.00	25.67 -0.21 0.00	28.62 -0.70 0.00	31.53 -0.63 -0.46	31.27 -0.46 -0.93	31.93 -0.71 -0.41	29.45 0.12 0.00	26.87 -0.22 -0.03	24.49 0.17 0.00	22.47 0.55 0.00
ESPRGFLD_115KV_TB1 80157	20.99 1.17 0.00	19.53 1.07 0.00	18.07 0.93 0.00	17.51 0.93 0.00	17.63 0.94 0.00	19.14 1.10 0.00	21.98 1.32 0.00	23.39 1.41 0.00	24.33 1.40 0.00	23.28 1.30 0.00	22.87 1.23 0.00	22.99 1.22 0.00	23.32 1.22 0.00	25.22 1.27 0.00	26.65 1.41 0.00	27.37 1.50 0.00	31.02 1.73 0.04	39.19 2.03 -5.47	44.09 2.13 -11.16	39.42 2.26 -4.94	31.42 2.08 0.00	29.29 1.95 -0.28	25.93 1.61 0.00	23.33 1.40 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.31 0.50 0.00	18.92 0.46 0.00	17.49 0.34 0.00	16.88 0.30 0.00	17.03 0.33 0.00	18.51 0.47 0.00	21.20 0.54 0.00	22.51 0.53 0.00	23.46 0.53 0.00	22.42 0.44 0.00	22.01 0.37 0.00	22.09 0.33 0.00	22.45 0.35 0.00	24.28 0.34 0.00	25.64 0.40 0.00	26.34 0.47 0.00	29.91 0.59 0.00	33.08 0.73 -0.65	32.84 0.74 -1.30	33.64 0.84 -0.58	30.33 1.00 0.00	27.88 0.78 -0.03	25.00 0.68 0.00	22.56 0.64 0.00
ETNA____115KV_TB2 80207	20.31 0.50 0.00	18.92 0.46 0.00	17.49 0.34 0.00	16.88 0.30 0.00	17.03 0.33 0.00	18.51 0.47 0.00	21.20 0.54 0.00	22.51 0.53 0.00	23.46 0.53 0.00	22.42 0.44 0.00	22.01 0.37 0.00	22.09 0.33 0.00	22.45 0.35 0.00	24.28 0.34 0.00	25.64 0.40 0.00	26.34 0.47 0.00	29.91 0.59 0.00	33.08 0.73 -0.65	32.84 0.74 -1.30	33.64 0.84 -0.58	30.33 1.00 0.00	27.88 0.78 -0.03	25.00 0.68 0.00	22.56 0.64 0.00
EUCLID__115KV_TB2 356179	19.66 -0.16 0.00	18.29 -0.17 0.00	16.94 -0.21 0.00	16.37 -0.22 0.00	16.50 -0.20 0.00	17.90 -0.14 0.00	20.46 -0.21 0.00	21.72 -0.26 0.00	22.75 -0.18 0.00	21.83 -0.15 0.00	21.47 -0.17 0.00	21.57 -0.20 0.00	21.92 -0.18 0.00	23.76 -0.19 0.00	25.06 -0.18 0.00	25.69 -0.18 0.00	29.12 -0.21 0.00	31.29 -0.41 0.00	30.40 -0.40 0.00	31.81 -0.42 0.00	29.13 -0.21 0.00	26.79 -0.27 0.00	24.08 -0.24 0.00	21.73 -0.20 0.00
E_CANADA_CAP_HY 24051	21.32 1.51 0.00	19.86 1.40 0.00	18.38 1.24 0.00	17.81 1.23 0.00	17.95 1.25 0.00	19.48 1.44 0.00	22.32 1.65 0.00	23.72 1.74 0.00	24.59 1.65 0.00	23.48 1.50 0.00	23.05 1.41 0.00	23.16 1.39 0.00	23.49 1.39 0.00	25.46 1.51 0.00	26.90 1.67 0.00	27.71 1.84 0.00	31.41 2.14 0.05	40.89 2.47 -6.72	47.17 2.62 -13.75	41.08 2.77 -6.08	31.86 2.52 0.00	29.90 2.49 -0.34	26.39 2.07 0.00	23.70 1.78 0.00
E_CANADA_MHWK_HY 24050	19.80 -0.02 0.00	18.42 -0.04 0.00	17.10 -0.05 0.00	16.53 -0.05 0.00	16.63 -0.07 0.00	17.97 -0.07 0.00	20.62 -0.04 0.00	21.92 -0.07 0.00	22.82 -0.11 0.00	21.90 -0.09 0.00	21.53 -0.11 0.00	21.68 -0.09 0.00	22.01 -0.09 0.00	23.83 -0.12 0.00	25.09 -0.15 0.00	25.69 -0.18 0.00	29.15 -0.17 0.00	31.57 -0.13 0.00	30.71 -0.09 0.00	32.19 -0.03 0.00	29.33 0.00 0.00	27.15 0.08 0.00	24.39 0.07 0.00	21.99 0.07 0.00
E_FISHKILL__LBMP 23776	20.87 1.05 0.00	19.46 1.00 0.00	17.99 0.84 0.00	17.43 0.85 0.00	17.53 0.83 0.00	18.94 0.90 0.00	21.90 1.24 0.00	23.32 1.34 0.00	24.36 1.42 0.00	23.35 1.36 0.00	23.07 1.43 0.00	23.29 1.52 0.00	23.63 1.52 0.00	25.72 1.77 0.00	27.13 1.89 0.00	27.86 1.99 0.00	31.77 2.35 -0.10	37.20 2.41 -3.10	38.83 2.19 -5.84	36.93 2.26 -2.45	31.03 1.70 0.00	28.88 1.68 -0.14	25.85 1.53 0.00	23.33 1.40 0.00
FALCON__SEABRD_CC1 323796	20.17 0.36 0.00	18.72 0.26 0.00	17.39 0.24 0.00	16.73 0.15 0.00	16.82 0.12 0.00	18.06 0.02 0.00	20.66 0.00 0.00	22.05 0.07 0.00	23.07 0.14 0.00	22.16 0.18 0.00	21.73 0.09 0.00	21.70 -0.07 0.00	21.95 -0.15 0.00	23.61 -0.34 0.00	24.83 -0.40 0.00	25.43 -0.44 0.00	28.71 -0.62 0.00	31.22 -0.47 0.00	30.49 -0.31 0.00	32.19 -0.03 0.00	29.19 -0.15 0.00	26.77 -0.30 0.00	24.05 -0.27 0.00	21.75 -0.18 0.00
FALCON__SEABRD_CC2 323797	20.17 0.36 0.00	18.72 0.26 0.00	17.39 0.24 0.00	16.73 0.15 0.00	16.82 0.12 0.00	18.06 0.02 0.00	20.66 0.00 0.00	22.05 0.07 0.00	23.07 0.14 0.00	22.16 0.18 0.00	21.73 0.09 0.00	21.70 -0.07 0.00	21.95 -0.15 0.00	23.61 -0.34 0.00	24.83 -0.40 0.00	25.43 -0.44 0.00	28.71 -0.62 0.00	31.22 -0.47 0.00	30.49 -0.31 0.00	32.19 -0.03 0.00	29.19 -0.15 0.00	26.77 -0.30 0.00	24.05 -0.27 0.00	21.75 -0.18 0.00
FAR ROCKAWAY__4 23548	53.86 1.84 -32.21	40.56 1.72 -20.38	18.66 1.47 -0.04	17.97 1.39 0.00	18.18 1.44 -0.04	19.70 1.62 -0.04	22.75 2.05 -0.04	34.96 2.29 -10.69	36.93 2.41 -11.59	56.77 2.31 -32.48	47.74 1.95 -24.15	67.10 2.09 -43.25	127.54 2.17 -103.28	58.72 2.51 -32.26	96.91 2.68 -69.00	113.26 2.79 -84.59	121.10 3.28 -88.49	131.21 3.39 -96.12	47.80 3.02 -13.98	47.98 3.16 -12.59	46.17 2.76 -14.08	34.64 2.60 -4.98	43.15 2.38 -16.45	39.29 2.13 -15.24
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.08 1.27 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.58 0.99 0.00	17.68 0.99 0.00	19.10 1.06 0.00	22.17 1.51 0.00	23.70 1.71 0.00	24.79 1.86 0.00	23.76 1.78 0.00	23.50 1.86 0.00	23.77 2.00 0.00	24.11 2.01 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.51 2.64 0.00	32.50 3.08 -0.09	37.87 3.14 -3.03	39.39 2.86 -5.73	37.56 2.93 -2.40	31.47 2.14 0.00	29.28 2.08 -0.14	26.29 1.97 0.00	23.70 1.78 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.08 1.27 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.58 0.99 0.00	17.68 0.99 0.00	19.10 1.06 0.00	22.17 1.51 0.00	23.70 1.71 0.00	24.77 1.83 0.00	23.76 1.78 0.00	23.50 1.86 0.00	23.77 2.00 0.00	24.11 2.01 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.51 2.64 0.00	32.50 3.08 -0.09	37.87 3.14 -3.03	39.39 2.86 -5.73	37.56 2.93 -2.40	31.47 2.14 0.00	29.31 2.11 -0.14	26.29 1.97 0.00	23.70 1.78 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.06 1.25 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.58 0.99 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.17 1.51 0.00	23.67 1.69 0.00	24.77 1.83 0.00	23.74 1.76 0.00	23.50 1.86 0.00	23.77 2.00 0.00	24.11 2.01 0.00	26.32 2.37 0.00	27.73 2.50 0.00	28.51 2.64 0.00	32.47 3.05 -0.09	37.84 3.11 -3.03	39.36 2.83 -5.73	37.53 2.90 -2.40	31.44 2.11 0.00	29.28 2.08 -0.14	26.27 1.95 0.00	23.68 1.75 0.00

FARRAGUT___LBMP 323566	21.04 1.23 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.72 1.74 0.00	23.48 1.84 0.00	23.75 1.98 0.00	24.09 1.99 0.00	26.29 2.35 0.00	27.71 2.47 0.00	28.49 2.61 0.00	32.44 3.02 -0.09	37.81 3.07 -3.03	39.33 2.80 -5.73	37.50 2.87 -2.40	31.44 2.11 0.00	29.26 2.06 -0.14	26.27 1.95 0.00	23.68 1.75 0.00
FENNER___WINDPWR 24204	20.17 0.36 0.00	18.79 0.33 0.00	17.41 0.26 0.00	16.83 0.25 0.00	16.97 0.27 0.00	18.40 0.36 0.00	21.08 0.41 0.00	22.42 0.44 0.00	23.37 0.43 0.00	22.40 0.42 0.00	22.03 0.39 0.00	22.14 0.37 0.00	22.48 0.38 0.00	24.28 0.34 0.00	25.62 0.38 0.00	26.26 0.39 0.00	29.79 0.47 0.00	32.61 0.60 -0.31	32.04 0.62 -0.63	33.25 0.74 -0.28	30.12 0.79 0.00	27.73 0.65 -0.02	24.83 0.51 0.00	22.36 0.44 0.00
FIBERTEK___ENERGY 23856	19.86 0.04 0.00	18.50 0.04 0.00	17.11 -0.03 0.00	16.53 -0.05 0.00	16.67 -0.03 0.00	18.08 0.04 0.00	20.68 0.02 0.00	21.96 -0.02 0.00	22.93 0.00 0.00	21.98 0.00 0.00	21.62 -0.02 0.00	21.72 -0.04 0.00	22.08 -0.02 0.00	23.90 -0.05 0.00	25.21 -0.03 0.00	25.87 0.00 0.00	29.32 0.00 0.00	31.89 -0.06 -0.26	31.29 -0.03 -0.52	32.39 -0.06 -0.23	29.48 0.15 0.00	27.10 0.03 -0.01	24.34 0.02 0.00	21.95 0.02 0.00
FITZPATRICK____ 23598	19.34 -0.48 0.00	18.02 -0.44 0.00	16.72 -0.43 0.00	16.15 -0.43 0.00	16.28 -0.42 0.00	17.63 -0.41 0.00	20.15 -0.52 0.00	21.39 -0.59 0.00	22.29 -0.64 0.00	21.39 -0.59 0.00	21.06 -0.58 0.00	21.16 -0.61 0.00	21.48 -0.62 0.00	23.25 -0.70 0.00	24.50 -0.73 0.00	25.12 -0.75 0.00	28.45 -0.88 0.00	30.78 -0.92 0.00	29.94 -0.86 0.00	31.29 -0.94 0.00	28.60 -0.73 0.00	26.34 -0.73 0.00	23.69 -0.63 0.00	21.36 -0.57 0.00
FLOWRFLD_69_KV_BK1 356044	23.54 1.78 -1.94	21.31 1.62 -1.22	18.55 1.41 0.00	17.88 1.29 0.00	18.02 1.32 0.00	19.61 1.57 0.00	22.60 1.94 0.00	24.71 2.09 -0.64	25.83 2.20 -0.69	26.05 2.11 -1.95	25.34 2.23 -1.47	26.83 2.44 -2.62	30.72 2.39 -6.23	28.54 2.63 -1.96	32.30 2.90 -4.16	34.08 3.10 -5.10	38.49 3.72 -5.44	44.14 3.77 -8.67	48.51 3.76 -13.95	40.73 3.96 -4.54	33.26 3.11 -0.82	30.52 3.03 -0.42	28.39 2.87 -1.20	25.48 2.57 -0.99
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.02 1.21 0.00	19.62 1.16 0.00	18.09 0.94 0.00	17.53 0.95 0.00	17.65 0.95 0.00	19.03 0.99 0.00	22.07 1.41 0.00	23.48 1.49 0.00	24.54 1.61 0.00	23.50 1.52 0.00	23.24 1.60 0.00	23.42 1.65 0.00	23.80 1.70 0.00	25.89 1.94 0.00	27.33 2.09 0.00	28.05 2.17 0.00	32.04 2.64 -0.08	37.45 2.76 -2.99	39.05 2.53 -5.72	37.26 2.61 -2.43	31.36 2.02 0.00	29.18 1.98 -0.14	26.07 1.75 0.00	23.55 1.62 0.00
FORT ORANGE____ 23900	20.43 0.61 0.00	19.12 0.66 0.00	17.71 0.57 0.00	17.15 0.56 0.00	17.27 0.57 0.00	18.69 0.65 0.00	20.96 0.70 0.40	20.03 0.75 2.70	21.43 0.73 2.24	21.47 0.61 1.13	22.20 0.56 0.00	22.40 0.63 0.00	21.52 0.71 1.29	22.83 0.84 1.95	25.50 0.86 0.59	26.78 0.91 0.00	30.40 1.14 0.07	35.69 1.11 -2.89	42.04 1.08 -10.16	38.06 1.13 -4.71	30.30 0.97 0.00	28.30 0.97 -0.27	25.17 0.85 0.00	22.67 0.75 0.00
FORT_DRUM_COGEN 23780	20.19 0.38 0.00	18.77 0.31 0.00	17.42 0.27 0.00	16.86 0.28 0.00	17.02 0.32 0.00	18.40 0.36 0.00	21.12 0.45 0.00	22.44 0.46 0.00	23.32 0.39 0.00	22.36 0.37 0.00	21.88 0.24 0.00	22.01 0.24 0.00	22.34 0.24 0.00	24.07 0.12 0.00	25.46 0.23 0.00	26.03 0.16 0.00	29.50 0.18 0.00	32.08 0.38 0.00	31.39 0.59 0.00	33.13 0.90 0.00	30.33 1.00 0.00	27.96 0.89 0.00	24.90 0.58 0.00	22.41 0.48 0.00
FPL_FAR_ROCK_GT1 24212	53.91 1.88 -32.21	40.60 1.75 -20.38	18.71 1.53 -0.04	18.03 1.44 0.00	18.24 1.50 -0.04	19.76 1.68 -0.04	22.81 2.11 -0.04	34.98 2.31 -10.69	36.93 2.41 -11.59	56.64 2.18 -32.48	47.72 1.93 -24.15	67.06 2.05 -43.25	127.54 2.17 -103.28	58.77 2.56 -32.26	96.96 2.73 -69.00	113.26 2.80 -84.59	121.10 3.28 -88.49	131.21 3.39 -96.12	47.83 3.05 -13.98	47.98 3.16 -12.59	46.29 2.88 -14.08	34.53 2.49 -4.98	43.16 2.38 -16.45	39.53 2.37 -15.24
FPL_FAR_ROCK_GT2 23815	53.91 1.88 -32.21	40.60 1.75 -20.38	18.71 1.53 -0.04	18.03 1.44 0.00	18.24 1.50 -0.04	19.76 1.68 -0.04	22.81 2.11 -0.04	34.98 2.31 -10.69	36.93 2.41 -11.59	56.64 2.18 -32.48	47.72 1.93 -24.15	67.06 2.05 -43.25	127.54 2.17 -103.28	58.77 2.56 -32.26	96.96 2.73 -69.00	113.26 2.80 -84.59	121.10 3.28 -88.49	131.21 3.39 -96.12	47.83 3.05 -13.98	47.98 3.16 -12.59	46.29 2.88 -14.08	34.53 2.49 -4.98	43.16 2.38 -16.45	39.53 2.37 -15.24
FRANKLIN_FALL_HYD 24054	20.01 0.20 0.00	18.57 0.11 0.00	17.27 0.12 0.00	16.66 0.08 0.00	16.73 0.03 0.00	18.04 0.00 0.00	20.62 -0.04 0.00	22.03 0.04 0.00	23.05 0.11 0.00	22.12 0.13 0.00	21.70 0.06 0.00	21.68 -0.09 0.00	21.95 -0.15 0.00	23.64 -0.31 0.00	24.83 -0.40 0.00	25.43 -0.44 0.00	28.56 -0.76 0.00	31.07 -0.63 0.00	30.37 -0.43 0.00	32.00 -0.23 0.00	29.04 -0.29 0.00	26.69 -0.38 0.00	24.00 -0.32 0.00	21.71 -0.22 0.00
FREEPORT_EQUS_GT1 23764	34.19 1.78 -12.59	28.05 1.62 -7.97	18.58 1.42 -0.01	17.91 1.33 0.00	18.10 1.39 -0.01	19.64 1.59 -0.01	22.66 1.98 -0.01	28.31 2.16 -4.18	29.73 2.27 -4.53	36.95 2.26 -12.70	33.28 2.18 -9.45	40.93 2.24 -16.92	64.68 2.19 -40.39	39.18 2.61 -12.62	54.97 2.75 -26.98	61.77 2.82 -33.08	67.34 3.34 -34.67	74.57 3.42 -39.44	47.83 3.08 -13.95	42.53 3.16 -7.15	37.25 2.79 -5.13	31.51 2.54 -1.90	33.39 2.51 -6.57	30.21 2.28 -6.00
FREEPORT___CT2 23818	34.19 1.78 -12.59	28.05 1.62 -7.97	18.58 1.42 -0.01	17.91 1.33 0.00	18.10 1.39 -0.01	19.64 1.59 -0.01	22.66 1.98 -0.01	28.31 2.16 -4.18	29.73 2.27 -4.53	36.95 2.26 -12.70	33.28 2.18 -9.45	40.93 2.24 -16.92	64.68 2.19 -40.39	39.18 2.61 -12.62	54.97 2.75 -26.98	61.77 2.82 -33.08	67.34 3.34 -34.67	74.57 3.42 -39.44	47.83 3.08 -13.95	42.53 3.16 -7.15	37.25 2.79 -5.13	31.51 2.54 -1.90	33.39 2.51 -6.57	30.21 2.28 -6.00
FRESHKLS_33_KV_LOAD 356253	21.26 1.45 0.00	19.77 1.31 0.00	18.25 1.10 0.00	17.68 1.09 0.00	17.77 1.07 0.00	19.03 0.99 0.00	22.05 1.38 0.00	23.48 1.49 0.00	24.53 1.61 0.01	23.51 1.54 0.01	23.30 1.67 0.01	23.59 1.83 0.01	23.95 1.86 0.01	26.24 2.30 0.01	27.70 2.47 0.01	28.48 2.61 0.01	32.61 3.20 -0.09	37.99 3.27 -3.03	39.51 2.99 -5.72	37.68 3.06 -2.39	31.26 1.94 0.01	29.18 1.98 -0.14	26.44 2.12 0.00	23.92 2.00 0.00
FULTON COGEN____ 23766	19.58 -0.24 0.00	18.24 -0.22 0.00	16.89 -0.26 0.00	16.32 -0.27 0.00	16.45 -0.25 0.00	17.82 -0.22 0.00	20.39 -0.27 0.00	21.65 -0.33 0.00	22.59 -0.34 0.00	21.68 -0.31 0.00	21.32 -0.32 0.00	21.42 -0.35 0.00	21.77 -0.33 0.00	23.59 -0.36 0.00	24.88 -0.35 0.00	25.51 -0.36 0.00	28.91 -0.41 0.00	31.19 -0.51 0.00	30.34 -0.46 0.00	31.74 -0.48 0.00	29.07 -0.26 0.00	26.74 -0.32 0.00	24.03 -0.29 0.00	21.66 -0.26 0.00

FULTON___LFGE 323630	21.70 1.88 0.00	20.23 1.77 0.00	18.71 1.56 0.00	18.16 1.58 0.00	18.29 1.59 0.00	19.84 1.80 0.00	22.74 2.05 -0.03	24.30 2.13 -0.19	25.20 2.11 -0.16	23.93 1.87 -0.08	23.37 1.73 0.00	23.42 1.65 0.00	23.85 1.66 -0.09	25.88 1.80 -0.14	27.35 2.07 -0.04	28.23 2.35 0.00	31.96 2.70 0.06	42.27 3.17 -7.40	49.02 3.36 -14.86	42.41 3.61 -6.58	32.62 3.28 0.00	30.55 3.11 -0.37	26.87 2.55 0.00	24.18 2.26 0.00
G.F.CEMENT___DRP 24184	21.48 1.66 0.00	20.05 1.59 0.00	18.54 1.39 0.00	18.01 1.43 0.00	18.10 1.40 0.00	19.57 1.53 0.00	22.80 1.82 -0.31	26.00 1.91 -2.11	26.66 1.97 -1.75	24.71 1.85 -0.88	23.33 1.69 0.00	23.51 1.74 0.00	24.89 1.79 -1.00	27.43 1.96 -1.52	27.69 1.99 -0.46	27.86 1.99 0.00	31.61 2.38 0.09	43.99 2.98 -9.31	49.74 2.99 -15.95	42.33 3.13 -6.97	32.15 2.82 0.00	30.19 2.73 -0.39	26.65 2.33 0.00	23.90 1.97 0.00
GARDENVILLE___LBMP 24039	20.29 0.48 0.00	18.77 0.31 0.00	17.30 0.15 0.00	16.52 -0.07 0.00	16.75 0.05 0.00	18.40 0.36 0.00	20.83 0.17 0.00	22.03 0.04 0.00	22.98 0.05 0.00	22.12 0.13 0.00	21.70 0.06 0.00	21.70 -0.07 0.00	22.12 0.02 0.00	23.78 -0.17 0.00	25.08 -0.15 0.00	25.61 -0.26 0.00	28.71 -0.62 0.00	31.42 -0.73 -0.45	31.13 -0.59 -0.91	31.83 -0.81 -0.41	29.39 0.06 0.00	26.85 -0.24 -0.02	24.44 0.12 0.00	22.39 0.46 0.00
GARDNVLA_35_KV_LD 355827	20.39 0.57 0.00	18.85 0.39 0.00	17.37 0.22 0.00	16.58 0.00 0.00	16.82 0.12 0.00	18.47 0.43 0.00	20.91 0.25 0.00	22.11 0.13 0.00	23.07 0.14 0.00	22.20 0.22 0.00	21.79 0.15 0.00	21.79 0.02 0.00	22.21 0.11 0.00	23.88 -0.07 0.00	25.21 -0.03 0.00	25.72 -0.16 0.00	28.86 -0.47 0.00	31.59 -0.57 -0.46	31.29 -0.43 -0.92	31.96 -0.68 -0.41	29.54 0.21 0.00	26.95 -0.14 -0.03	24.54 0.22 0.00	22.47 0.55 0.00
GELCKHM___115KV_LOAD 80723	19.72 -0.10 0.00	18.37 -0.09 0.00	17.01 -0.14 0.00	16.42 -0.17 0.00	16.55 -0.15 0.00	17.95 -0.09 0.00	20.54 -0.12 0.00	21.81 -0.18 0.00	22.82 -0.11 0.00	21.90 -0.09 0.00	21.53 -0.11 0.00	21.64 -0.13 0.00	21.99 -0.11 0.00	23.80 -0.14 0.00	25.11 -0.13 0.00	25.77 -0.10 0.00	29.18 -0.15 0.00	31.64 -0.29 -0.23	30.98 -0.28 -0.45	32.14 -0.29 -0.20	29.24 -0.09 0.00	26.91 -0.16 -0.01	24.17 -0.15 0.00	21.79 -0.13 0.00
GENERAL___MILLS 23808	20.35 0.54 0.00	18.81 0.35 0.00	17.34 0.19 0.00	16.55 -0.03 0.00	16.80 0.10 0.00	18.46 0.41 0.00	20.87 0.21 0.00	22.07 0.09 0.00	23.03 0.09 0.00	22.16 0.18 0.00	21.75 0.11 0.00	21.75 -0.02 0.00	22.17 0.07 0.00	23.83 -0.12 0.00	25.16 -0.08 0.00	25.67 -0.21 0.00	28.77 -0.56 0.00	31.52 -0.63 -0.46	31.20 -0.52 -0.92	31.90 -0.74 -0.41	29.45 0.12 0.00	26.90 -0.19 -0.03	24.49 0.17 0.00	22.43 0.50 0.00
GE_PLASTICS___DRP 24183	20.41 0.59 0.00	19.09 0.63 0.00	17.68 0.53 0.00	17.15 0.56 0.00	17.23 0.53 0.00	18.62 0.58 0.00	21.06 0.68 0.28	20.81 0.70 1.87	22.09 0.71 1.55	21.84 0.64 0.78	22.25 0.61 0.00	22.44 0.67 0.00	21.92 0.71 0.89	23.41 0.81 1.35	25.71 0.88 0.41	26.78 0.91 0.00	30.35 1.09 0.06	35.94 1.11 -3.14	41.18 1.02 -9.36	37.59 1.06 -4.30	30.21 0.88 0.00	28.20 0.89 -0.24	25.10 0.78 0.00	22.65 0.72 0.00
GILBOA___1 23756	20.49 0.67 0.00	19.10 0.65 0.00	17.68 0.53 0.00	17.10 0.51 0.00	17.22 0.52 0.00	18.65 0.61 0.00	21.38 0.72 0.00	22.73 0.75 0.00	23.71 0.78 0.00	22.71 0.72 0.00	22.38 0.74 0.00	22.55 0.78 0.00	22.92 0.82 0.00	24.91 0.96 0.00	26.25 1.01 0.00	26.91 1.04 0.00	30.50 1.17 0.00	35.33 1.20 -2.42	36.79 1.11 -4.89	35.53 1.13 -2.18	30.27 0.94 0.00	28.16 0.97 -0.12	25.17 0.85 0.00	22.71 0.79 0.00
GILBOA___2 23757	20.49 0.67 0.00	19.10 0.65 0.00	17.68 0.53 0.00	17.10 0.51 0.00	17.22 0.52 0.00	18.65 0.61 0.00	21.38 0.72 0.00	22.73 0.75 0.00	23.71 0.78 0.00	22.71 0.72 0.00	22.38 0.74 0.00	22.55 0.78 0.00	22.92 0.82 0.00	24.91 0.96 0.00	26.25 1.01 0.00	26.91 1.04 0.00	30.50 1.17 0.00	35.33 1.20 -2.42	36.79 1.11 -4.89	35.53 1.13 -2.18	30.27 0.94 0.00	28.16 0.97 -0.12	25.17 0.85 0.00	22.71 0.79 0.00
GILBOA___3 23758	20.49 0.67 0.00	19.10 0.65 0.00	17.68 0.53 0.00	17.10 0.51 0.00	17.22 0.52 0.00	18.65 0.61 0.00	21.38 0.72 0.00	22.73 0.75 0.00	23.71 0.78 0.00	22.71 0.72 0.00	22.38 0.74 0.00	22.55 0.78 0.00	22.92 0.82 0.00	24.91 0.96 0.00	26.25 1.01 0.00	26.91 1.04 0.00	30.50 1.17 0.00	35.33 1.20 -2.42	36.79 1.11 -4.89	35.53 1.13 -2.18	30.27 0.94 0.00	28.16 0.97 -0.12	25.17 0.85 0.00	22.71 0.79 0.00
GILBOA___4 23759	20.49 0.67 0.00	19.10 0.65 0.00	17.68 0.53 0.00	17.10 0.51 0.00	17.22 0.52 0.00	18.65 0.61 0.00	21.38 0.72 0.00	22.73 0.75 0.00	23.71 0.78 0.00	22.71 0.72 0.00	22.38 0.74 0.00	22.55 0.78 0.00	22.92 0.82 0.00	24.91 0.96 0.00	26.25 1.01 0.00	26.91 1.04 0.00	30.50 1.17 0.00	35.33 1.20 -2.42	36.79 1.11 -4.89	35.53 1.13 -2.18	30.27 0.94 0.00	28.16 0.97 -0.12	25.17 0.85 0.00	22.71 0.79 0.00
GILBOA___ 23599	20.47 0.65 0.00	19.11 0.65 0.00	17.68 0.53 0.00	17.11 0.53 0.00	17.23 0.53 0.00	18.62 0.58 0.00	21.39 0.72 0.00	22.73 0.75 0.00	23.71 0.78 0.00	22.71 0.73 0.00	22.40 0.76 0.00	22.57 0.81 0.00	22.92 0.82 0.00	24.88 0.93 0.00	26.25 1.01 0.00	26.91 1.03 0.00	30.50 1.17 0.00	35.33 1.20 -2.42	36.80 1.11 -4.89	35.53 1.13 -2.18	30.30 0.97 0.00	28.16 0.97 -0.12	25.17 0.85 0.00	22.72 0.79 0.00
GINNA___ 23603	18.94 -0.87 0.00	17.63 -0.83 0.00	16.29 -0.86 0.00	15.75 -0.83 0.00	15.87 -0.83 0.00	17.28 -0.76 0.00	19.67 -0.99 0.00	20.95 -1.03 0.00	21.86 -1.08 0.00	20.99 -0.99 0.00	20.64 -1.00 0.00	20.66 -1.11 0.00	20.93 -1.17 0.00	22.61 -1.34 0.00	23.80 -1.44 0.00	24.40 -1.47 0.00	27.57 -1.76 0.00	30.23 -1.77 -0.31	29.85 -1.57 -0.62	30.67 -1.84 -0.27	28.16 -1.17 0.00	25.75 -1.33 -0.02	23.23 -1.09 0.00	20.98 -0.94 0.00
GLEN PARK___ 23778	20.27 0.46 0.00	18.85 0.39 0.00	17.47 0.33 0.00	16.95 0.36 0.00	17.08 0.38 0.00	18.47 0.43 0.00	21.22 0.56 0.00	22.53 0.55 0.00	23.42 0.48 0.00	22.45 0.46 0.00	21.96 0.33 0.00	22.09 0.33 0.00	22.41 0.31 0.00	24.14 0.19 0.00	25.54 0.30 0.00	26.10 0.23 0.00	29.59 0.26 0.00	32.24 0.54 0.00	31.54 0.74 0.00	33.32 1.10 0.00	30.54 1.20 0.00	28.15 1.08 0.00	25.05 0.73 0.00	22.52 0.59 0.00
GLENDALE_27_KV_LOAD 356172	21.18 1.37 0.00	19.71 1.26 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.10 1.06 0.00	22.19 1.53 0.00	23.74 1.76 0.00	24.84 1.90 0.00	23.81 1.82 0.00	23.57 1.93 0.00	23.84 2.07 0.00	24.20 2.10 0.00	26.44 2.49 0.00	27.91 2.68 0.00	28.69 2.82 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.65 3.11 -5.74	37.83 3.19 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.86 1.93 0.00

GLENWOOD_IC_1_G5 23712	29.85 1.51 -8.53	25.26 1.40 -5.40	18.34 1.18 -0.01	17.73 1.14 0.00	17.86 1.15 -0.01	19.35 1.30 -0.01	22.38 1.71 -0.01	26.72 1.91 -2.83	28.04 2.04 -3.07	32.54 1.96 -8.60	30.10 2.06 -6.41	35.35 2.11 -11.47	51.59 2.12 -27.36	34.94 2.44 -8.55	46.12 2.60 -18.28	51.03 2.74 -22.41	56.05 3.20 -23.53	62.71 3.30 -27.71	47.74 2.99 -13.95	41.55 3.09 -6.23	35.36 2.41 -3.62	30.88 2.44 -1.38	31.05 2.21 -4.52	28.03 2.02 -4.09
GLENWOOD_IC_2_G1 23688	25.41 1.43 -4.17	22.41 1.31 -2.64	18.26 1.11 0.00	17.64 1.06 0.00	17.78 1.08 0.00	19.28 1.24 0.00	22.29 1.63 0.00	25.14 1.78 -1.38	26.33 1.90 -1.50	28.04 1.85 -4.21	26.64 1.86 -3.14	29.39 2.00 -5.62	37.52 2.03 -13.39	30.56 2.42 -4.19	36.75 2.58 -8.94	39.48 2.64 -10.97	43.97 3.08 -11.57	49.99 3.17 -15.12	47.57 2.83 -13.94	40.24 2.90 -5.12	33.50 2.37 -1.80	30.01 2.19 -0.76	28.69 2.04 -2.32	25.81 1.84 -2.04
GLENWOOD_IC_3_G1 23689	25.41 1.43 -4.17	22.41 1.31 -2.64	18.26 1.11 0.00	17.64 1.06 0.00	17.78 1.08 0.00	19.28 1.24 0.00	22.29 1.63 0.00	25.14 1.78 -1.38	26.33 1.90 -1.50	28.04 1.85 -4.21	26.64 1.86 -3.14	29.39 2.00 -5.62	37.52 2.03 -13.39	30.56 2.42 -4.19	36.75 2.58 -8.94	39.48 2.64 -10.97	43.97 3.08 -11.57	49.99 3.17 -15.12	47.57 2.83 -13.94	40.24 2.90 -5.12	33.50 2.37 -1.80	30.01 2.19 -0.76	28.69 2.04 -2.32	25.81 1.84 -2.04
GLENWOOD___4 23550	29.85 1.51 -8.53	25.26 1.40 -5.40	18.34 1.18 -0.01	17.73 1.14 0.00	17.86 1.15 -0.01	19.35 1.30 -0.01	22.38 1.71 -0.01	26.72 1.91 -2.83	28.04 2.04 -3.07	32.54 1.96 -8.60	30.10 2.06 -6.41	35.39 2.15 -11.47	51.63 2.17 -27.36	34.97 2.47 -8.55	46.17 2.65 -18.28	51.05 2.77 -22.41	56.11 3.26 -23.53	62.77 3.36 -27.71	47.80 3.05 -13.95	41.61 3.16 -6.23	35.41 2.46 -3.62	30.88 2.44 -1.38	31.05 2.21 -4.52	28.03 2.02 -4.09
GLENWOOD___5 23614	29.85 1.51 -8.53	25.26 1.40 -5.40	18.34 1.18 -0.01	17.73 1.14 0.00	17.86 1.15 -0.01	19.35 1.30 -0.01	22.38 1.71 -0.01	26.72 1.91 -2.83	28.04 2.04 -3.07	32.54 1.96 -8.60	30.10 2.06 -6.41	35.39 2.15 -11.47	51.63 2.17 -27.36	34.97 2.47 -8.55	46.17 2.65 -18.28	51.05 2.77 -22.41	56.11 3.26 -23.53	62.77 3.36 -27.71	47.80 3.05 -13.95	41.61 3.16 -6.23	35.41 2.46 -3.62	30.88 2.44 -1.38	31.05 2.21 -4.52	28.03 2.02 -4.09
GLOBAL GREEN_PORT_GT1 23814	23.95 2.28 -1.86	21.66 2.03 -1.17	19.01 1.87 0.00	18.32 1.74 0.00	18.48 1.79 0.00	20.11 2.07 0.00	23.14 2.48 0.00	25.25 2.66 -0.61	26.39 2.80 -0.66	26.73 2.88 -1.87	25.92 2.88 -1.40	27.35 3.07 -2.51	31.14 3.07 -5.97	29.55 3.73 -1.87	33.08 3.86 -3.98	34.82 4.06 -4.89	39.41 4.87 -5.21	45.32 5.20 -8.43	49.89 5.14 -13.95	41.96 5.22 -4.51	34.58 4.46 -0.79	31.29 3.82 -0.41	29.10 3.62 -1.16	26.03 3.16 -0.95
GLOBE___DSASP 323697	19.28 -0.54 0.00	17.81 -0.65 0.00	16.43 -0.72 0.00	15.65 -0.93 0.00	15.90 -0.80 0.00	17.48 -0.56 0.00	19.71 -0.93 0.02	20.77 -1.19 0.02	21.70 -1.22 0.02	20.86 -1.10 0.02	20.47 -1.15 0.02	20.46 -1.28 0.02	20.86 -1.22 0.02	22.44 -1.48 0.02	23.68 -1.54 0.02	24.17 -1.68 0.02	27.10 -2.20 0.02	29.68 -2.41 -0.39	29.39 -2.22 -0.81	30.06 -2.51 -0.34	27.79 -1.53 0.02	25.36 -1.71 0.00	23.08 -1.22 0.02	21.14 -0.77 0.02
GOETHSLN___LBMP 323567	20.97 1.15 0.00	19.53 1.07 0.00	18.04 0.89 0.00	17.49 0.91 0.00	17.58 0.89 0.00	19.00 0.96 0.00	22.09 1.43 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.05 1.94 0.00	26.25 2.30 0.00	27.66 2.42 0.00	28.41 2.54 0.00	32.35 2.93 -0.09	37.65 2.92 -3.03	39.18 2.65 -5.73	37.33 2.71 -2.40	31.33 1.99 0.00	29.18 1.98 -0.14	26.17 1.85 0.00	23.57 1.64 0.00
GOLAH___69_KV_TB 1_2 80279	20.25 0.44 0.00	18.79 0.33 0.00	17.34 0.19 0.00	16.63 0.05 0.00	16.82 0.12 0.00	18.40 0.36 0.00	20.89 0.23 0.00	22.18 0.20 0.00	23.12 0.18 0.00	22.23 0.24 0.00	21.75 0.11 0.00	21.75 -0.02 0.00	22.14 0.04 0.00	23.88 -0.07 0.00	25.21 -0.03 0.00	25.72 -0.16 0.00	28.97 -0.35 0.00	31.68 -0.35 -0.32	31.36 -0.09 -0.65	32.16 -0.35 -0.29	29.68 0.35 0.00	27.16 0.08 -0.02	24.51 0.19 0.00	22.28 0.35 0.00
GOODYEAR_LAKE_HYD 323669	20.67 0.85 0.00	19.25 0.79 0.00	17.80 0.65 0.00	17.25 0.66 0.00	17.37 0.67 0.00	18.82 0.78 0.00	21.65 0.99 0.00	23.06 1.08 0.00	24.01 1.08 0.00	23.02 1.03 0.00	22.64 1.00 0.00	22.79 1.02 0.00	23.12 1.02 0.00	25.02 1.08 0.00	26.40 1.16 0.00	27.09 1.22 0.00	30.70 1.38 0.00	36.30 1.55 -3.05	38.52 1.57 -6.15	36.60 1.68 -2.70	30.86 1.53 0.00	28.63 1.41 -0.15	25.49 1.17 0.00	22.98 1.05 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.27 0.46 0.00	18.87 0.41 0.00	17.44 0.29 0.00	16.81 0.23 0.00	16.97 0.27 0.00	18.44 0.40 0.00	21.12 0.45 0.00	22.42 0.44 0.00	23.39 0.46 0.00	22.45 0.46 0.00	22.07 0.43 0.00	22.16 0.39 0.00	22.50 0.40 0.00	24.35 0.41 0.00	25.69 0.45 0.00	26.36 0.49 0.00	29.82 0.50 0.00	33.15 0.51 -0.94	33.19 0.49 -1.90	33.55 0.48 -0.84	30.01 0.67 0.00	27.63 0.51 -0.05	24.83 0.51 0.00	22.47 0.55 0.00
GOUDEY___7 23579	20.29 0.48 0.00	18.87 0.41 0.00	17.46 0.31 0.00	16.83 0.25 0.00	16.98 0.28 0.00	18.46 0.41 0.00	21.14 0.48 0.00	22.44 0.46 0.00	23.42 0.48 0.00	22.47 0.48 0.00	22.09 0.45 0.00	22.18 0.41 0.00	22.52 0.42 0.00	24.38 0.43 0.00	25.72 0.48 0.00	26.39 0.52 0.00	29.85 0.53 0.00	33.21 0.57 -0.94	33.22 0.52 -1.90	33.59 0.52 -0.84	30.04 0.70 0.00	27.65 0.54 -0.05	24.86 0.54 0.00	22.50 0.57 0.00
GOUDEY___8 23580	20.27 0.46 0.00	18.87 0.41 0.00	17.44 0.29 0.00	16.81 0.23 0.00	16.97 0.27 0.00	18.44 0.40 0.00	21.12 0.45 0.00	22.42 0.44 0.00	23.39 0.46 0.00	22.45 0.46 0.00	22.07 0.43 0.00	22.16 0.39 0.00	22.50 0.40 0.00	24.35 0.41 0.00	25.69 0.45 0.00	26.36 0.49 0.00	29.82 0.50 0.00	33.15 0.51 -0.94	33.19 0.49 -1.90	33.55 0.48 -0.84	30.01 0.67 0.00	27.63 0.51 -0.05	24.83 0.51 0.00	22.47 0.55 0.00
GOWANUS_GT1_1 24077	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT1_2 24078	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00

GOWANUS_GT1_3 24079	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT1_4 24080	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT1_5 24084	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT1_6 24111	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT1_7 24112	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT1_8 24113	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT2_1 24114	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT2_2 24115	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT2_3 24116	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT2_4 24117	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT2_5 24118	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT2_6 24119	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT2_7 24120	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT2_8 24121	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT3_1 24122	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00

GOWANUS_GT3_2 24123	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT3_3 24124	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT3_4 24125	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT3_5 24126	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT3_6 24127	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT3_7 24128	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT3_8 24129	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
GOWANUS_GT4_1 24130	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT4_2 24131	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT4_3 24132	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT4_4 24133	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT4_5 24134	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT4_6 24135	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT4_7 24136	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GOWANUS_GT4_8 24137	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00

GREENBSH_115KV_TB3 55895	20.33 0.52 0.00	19.05 0.59 0.00	17.65 0.50 0.00	17.11 0.53 0.00	17.20 0.50 0.00	18.56 0.52 0.00	20.83 0.60 0.43	19.76 0.64 2.86	21.19 0.62 2.37	21.34 0.55 1.19	22.16 0.52 0.00	22.33 0.57 0.00	21.36 0.62 1.36	22.60 0.72 2.06	25.39 0.78 0.62	26.67 0.80 0.00	30.25 1.00 0.07	35.54 0.98 -2.86	42.05 0.89 -10.36	38.00 0.97 -4.81	30.10 0.76 0.00	28.15 0.81 -0.27	25.03 0.71 0.00	22.56 0.64 0.00
GREENDGE_115KV_TB5 80291	20.31 0.50 0.00	18.87 0.41 0.00	17.42 0.27 0.00	16.76 0.18 0.00	16.95 0.25 0.00	18.51 0.47 0.00	21.16 0.50 0.00	22.49 0.51 0.00	23.44 0.50 0.00	22.47 0.48 0.00	22.05 0.41 0.00	22.12 0.35 0.00	22.45 0.35 0.00	24.26 0.31 0.00	25.61 0.38 0.00	26.26 0.39 0.00	29.76 0.44 0.00	32.75 0.51 -0.55	32.46 0.55 -1.10	33.23 0.52 -0.49	30.27 0.94 0.00	27.72 0.62 -0.03	24.93 0.61 0.00	22.56 0.64 0.00
GREENIDGE___3 23582	20.31 0.50 0.00	18.87 0.41 0.00	17.42 0.27 0.00	16.76 0.18 0.00	16.95 0.25 0.00	18.51 0.47 0.00	21.16 0.50 0.00	22.49 0.51 0.00	23.44 0.50 0.00	22.47 0.48 0.00	22.05 0.41 0.00	22.12 0.35 0.00	22.45 0.35 0.00	24.26 0.31 0.00	25.61 0.38 0.00	26.26 0.39 0.00	29.76 0.44 0.00	32.75 0.51 -0.55	32.46 0.55 -1.10	33.23 0.52 -0.49	30.27 0.94 0.00	27.72 0.62 -0.03	24.93 0.61 0.00	22.56 0.64 0.00
GREENIDGE___4 23583	20.27 0.46 0.00	18.86 0.41 0.00	17.42 0.27 0.00	16.83 0.25 0.00	16.97 0.27 0.00	18.53 0.49 0.00	21.16 0.50 0.00	22.49 0.51 0.00	23.44 0.50 0.00	22.49 0.51 0.00	22.10 0.46 0.00	22.16 0.39 0.00	22.45 0.35 0.00	24.28 0.34 0.00	25.56 0.33 0.00	26.26 0.39 0.00	29.68 0.35 0.00	32.72 0.48 -0.55	32.46 0.56 -1.10	33.23 0.51 -0.49	30.24 0.91 0.00	27.69 0.59 -0.03	24.93 0.61 0.00	22.56 0.64 0.00
GREENLWN_69_KV_BK 3 55738	23.63 1.61 -2.20	21.35 1.50 -1.39	18.40 1.25 0.00	17.73 1.14 0.00	17.88 1.19 0.00	19.43 1.39 0.00	22.44 1.78 0.00	24.73 2.02 -0.73	25.86 2.13 -0.79	26.25 2.04 -2.22	25.43 2.12 -1.67	27.03 2.29 -2.98	31.33 2.14 -7.09	28.47 2.30 -2.22	32.47 2.50 -4.73	34.31 2.64 -5.80	38.64 3.14 -6.17	44.37 3.23 -9.44	47.66 2.93 -13.93	39.88 3.06 -4.59	32.65 2.38 -0.94	29.80 2.27 -0.46	28.03 2.38 -1.33	25.30 2.26 -1.11
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00
GRISSOM___SOLAR 323813	21.70 1.88 0.00	20.23 1.77 0.00	18.71 1.56 0.00	18.16 1.58 0.00	18.29 1.59 0.00	19.84 1.80 0.00	22.74 2.05 -0.03	24.30 2.13 -0.19	25.20 2.11 -0.16	23.93 1.87 -0.08	23.37 1.73 0.00	23.42 1.65 0.00	23.85 1.66 -0.09	25.88 1.80 -0.14	27.35 2.07 -0.04	28.23 2.35 0.00	31.96 2.70 0.06	42.27 3.17 -7.40	49.02 3.36 -14.86	42.41 3.61 -6.58	32.62 3.28 0.00	30.55 3.11 -0.37	26.87 2.55 0.00	24.18 2.26 0.00
GROVEVILLE___HYD 323602	21.02 1.21 0.00	19.62 1.16 0.00	18.09 0.94 0.00	17.53 0.95 0.00	17.65 0.95 0.00	19.03 0.99 0.00	22.07 1.41 0.00	23.48 1.49 0.00	24.54 1.61 0.00	23.50 1.52 0.00	23.24 1.60 0.00	23.42 1.65 0.00	23.80 1.70 0.00	25.89 1.94 0.00	27.33 2.09 0.00	28.05 2.17 0.00	32.04 2.64 -0.08	37.45 2.76 -2.99	39.05 2.53 -5.72	37.26 2.61 -2.43	31.36 2.02 0.00	29.18 1.98 -0.14	26.07 1.75 0.00	23.55 1.62 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.86 0.04 0.00	18.50 0.04 0.00	17.11 -0.03 0.00	16.53 -0.05 0.00	16.67 -0.03 0.00	18.08 0.04 0.00	20.68 0.02 0.00	21.96 -0.02 0.00	22.93 0.00 0.00	21.98 0.00 0.00	21.62 -0.02 0.00	21.72 -0.04 0.00	22.08 -0.02 0.00	23.90 -0.05 0.00	25.21 -0.03 0.00	25.87 0.00 0.00	29.32 0.00 0.00	31.89 -0.06 -0.26	31.29 -0.03 -0.52	32.39 -0.06 -0.23	29.48 0.15 0.00	27.10 0.03 -0.01	24.34 0.02 0.00	21.95 0.02 0.00
HAMLTNNY_34_KV_TB 80303	19.93 0.12 0.00	18.55 0.09 0.00	17.18 0.03 0.00	16.60 0.02 0.00	16.75 0.05 0.00	18.17 0.13 0.00	20.81 0.14 0.00	22.09 0.11 0.00	23.03 0.09 0.00	22.09 0.11 0.00	21.70 0.06 0.00	21.81 0.04 0.00	22.17 0.07 0.00	23.97 0.02 0.00	25.31 0.08 0.00	25.95 0.08 0.00	29.41 0.09 0.00	32.04 0.06 -0.28	31.45 0.09 -0.56	32.57 0.10 -0.25	29.63 0.29 0.00	27.24 0.16 -0.01	24.47 0.15 0.00	22.06 0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	19.94 0.12 0.00	18.51 0.06 0.00	17.23 0.09 0.00	16.68 0.10 0.00	16.80 0.10 0.00	18.11 0.07 0.00	20.79 0.12 0.00	22.16 0.18 0.00	23.10 0.16 0.00	22.12 0.13 0.00	21.68 0.04 0.00	21.77 0.00 0.00	22.08 -0.02 0.00	23.80 -0.14 0.00	25.14 -0.10 0.00	25.61 -0.26 0.00	28.83 -0.50 0.00	31.22 -0.47 0.00	30.49 -0.31 0.00	32.13 -0.10 0.00	29.30 -0.03 0.00	27.06 0.00 0.00	24.34 0.02 0.00	21.97 0.04 0.00
HARDSCRABBLE_WT_PWR 323673	19.78 -0.04 0.00	18.40 -0.06 0.00	17.08 -0.07 0.00	16.52 -0.07 0.00	16.62 -0.08 0.00	17.95 -0.09 0.00	20.58 -0.08 0.00	21.89 -0.09 0.00	22.80 -0.14 0.00	21.87 -0.11 0.00	21.53 -0.11 0.00	21.66 -0.11 0.00	21.99 -0.11 0.00	23.80 -0.14 0.00	25.06 -0.18 0.00	25.66 -0.21 0.00	29.12 -0.20 0.00	31.51 -0.19 0.00	30.68 -0.12 0.00	32.19 -0.03 0.00	29.30 -0.03 0.00	27.12 0.05 0.00	24.37 0.05 0.00	21.99 0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.85 1.03 0.00	19.44 0.98 0.00	17.94 0.79 0.00	17.38 0.80 0.00	17.50 0.80 0.00	18.91 0.87 0.00	21.88 1.22 0.00	23.32 1.34 0.00	24.38 1.44 0.00	23.37 1.38 0.00	23.11 1.47 0.00	23.33 1.57 0.00	23.67 1.57 0.00	25.77 1.82 0.00	27.20 1.97 0.00	27.94 2.07 0.00	31.87 2.46 -0.08	37.09 2.57 -2.82	38.46 2.31 -5.35	36.87 2.38 -2.25	31.15 1.82 0.00	28.95 1.76 -0.13	25.90 1.58 0.00	23.37 1.45 0.00
HARSNRAD_115KV_TB1 81005	20.13 0.32 0.00	18.61 0.15 0.00	17.15 0.00 0.00	16.35 -0.23 0.00	16.62 -0.08 0.00	18.26 0.22 0.00	20.60 -0.06 0.00	21.78 -0.20 0.00	22.73 -0.21 0.00	21.85 -0.13 0.00	21.42 -0.22 0.00	21.42 -0.35 0.00	21.84 -0.27 0.00	23.47 -0.48 0.00	24.76 -0.48 0.00	25.25 -0.62 0.00	28.33 -1.00 0.00	30.97 -1.14 -0.41	30.67 -0.95 -0.82	31.37 -1.22 -0.37	29.07 -0.26 0.00	26.52 -0.57 -0.02	24.18 -0.15 0.00	22.12 0.20 0.00
HARZA MOOSE___RIVER 24016	20.17 0.36 0.00	18.77 0.31 0.00	17.41 0.26 0.00	16.86 0.28 0.00	16.98 0.28 0.00	18.36 0.32 0.00	21.10 0.43 0.00	22.47 0.48 0.00	23.37 0.44 0.00	22.34 0.35 0.00	21.92 0.28 0.00	22.05 0.28 0.00	22.39 0.29 0.00	24.16 0.22 0.00	25.56 0.33 0.00	26.13 0.26 0.00	29.65 0.32 0.00	32.21 0.51 0.00	31.39 0.59 0.00	33.00 0.77 0.00	30.12 0.79 0.00	27.77 0.70 0.00	24.83 0.51 0.00	22.36 0.44 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	19.76 -0.06 0.00	18.39 -0.07 0.00	17.03 -0.12 0.00	16.43 -0.15 0.00	16.58 -0.12 0.00	17.99 -0.05 0.00	20.56 -0.10 0.00	21.83 -0.15 0.00	22.82 -0.11 0.00	21.90 -0.09 0.00	21.53 -0.11 0.00	21.64 -0.13 0.00	21.99 -0.11 0.00	23.83 -0.12 0.00	25.14 -0.10 0.00	25.77 -0.10 0.00	29.21 -0.12 0.00	31.67 -0.25 -0.23	31.04 -0.22 -0.46	32.17 -0.26 -0.20	29.30 -0.03 0.00	26.97 -0.11 -0.01	24.22 -0.10 0.00	21.84 -0.09 0.00
HELLGATE_13_KV_LD 55870	21.10 1.29 0.00	19.64 1.18 0.00	18.16 1.01 0.00	17.59 1.01 0.00	17.68 0.99 0.00	19.03 0.99 0.00	22.09 1.43 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.44 1.80 0.00	23.70 1.94 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.54 2.66 0.00	32.57 3.14 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.36 2.02 0.00	29.20 2.00 -0.14	26.34 2.02 0.00	23.77 1.84 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.10 1.29 0.00	19.64 1.18 0.00	18.16 1.01 0.00	17.59 1.01 0.00	17.68 0.99 0.00	19.03 0.99 0.00	22.09 1.43 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.44 1.80 0.00	23.70 1.94 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.54 2.66 0.00	32.57 3.14 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.36 2.02 0.00	29.20 2.00 -0.14	26.34 2.02 0.00	23.77 1.84 0.00
HEMPSTEAD____ 23647	31.30 1.60 -9.88	26.19 1.48 -6.25	18.43 1.27 -0.01	17.78 1.19 0.00	17.94 1.24 -0.01	19.47 1.42 -0.01	22.49 1.82 -0.01	27.24 1.98 -3.28	28.57 2.09 -3.55	34.02 2.07 -9.97	31.10 2.03 -7.42	37.19 2.13 -13.28	55.95 2.14 -31.70	36.39 2.54 -9.91	49.09 2.67 -21.18	54.61 2.77 -25.97	59.79 3.23 -27.24	66.62 3.30 -31.62	47.71 2.96 -13.95	41.80 3.03 -6.54	36.05 2.58 -4.14	30.96 2.33 -1.56	31.78 2.26 -5.20	28.71 2.06 -4.73
HEWLETT__69_KV_BK3 55828	53.79 1.76 -32.21	40.49 1.64 -20.38	18.60 1.41 -0.04	17.91 1.33 0.00	18.09 1.35 -0.04	19.61 1.53 -0.04	22.67 1.96 -0.04	34.87 2.20 -10.69	36.84 2.32 -11.59	56.68 2.22 -32.48	47.83 2.03 -24.15	67.19 2.18 -43.25	127.61 2.23 -103.28	58.79 2.59 -32.26	96.98 2.75 -69.00	113.33 2.87 -84.59	121.16 3.34 -88.49	131.27 3.46 -96.12	47.86 3.08 -13.98	48.01 3.19 -12.59	46.11 2.70 -14.08	34.59 2.54 -4.98	43.13 2.36 -16.45	39.29 2.13 -15.24
HICKLING___1 23621	20.59 0.77 0.00	19.14 0.68 0.00	17.66 0.51 0.00	16.96 0.38 0.00	17.17 0.47 0.00	18.76 0.72 0.00	21.43 0.76 0.00	22.77 0.79 0.00	23.74 0.80 0.00	22.80 0.81 0.00	22.38 0.74 0.00	22.42 0.65 0.00	22.79 0.69 0.00	24.62 0.67 0.00	25.99 0.76 0.00	26.65 0.78 0.00	30.09 0.76 0.00	33.23 0.82 -0.71	33.00 0.77 -1.43	33.60 0.74 -0.64	30.54 1.20 0.00	27.97 0.87 -0.04	25.20 0.88 0.00	22.89 0.96 0.00
HICKLING___2 23622	20.59 0.77 0.00	19.14 0.68 0.00	17.66 0.51 0.00	16.96 0.38 0.00	17.17 0.47 0.00	18.76 0.72 0.00	21.43 0.76 0.00	22.77 0.79 0.00	23.74 0.80 0.00	22.80 0.81 0.00	22.38 0.74 0.00	22.42 0.65 0.00	22.79 0.69 0.00	24.62 0.67 0.00	25.99 0.76 0.00	26.65 0.78 0.00	30.09 0.76 0.00	33.23 0.82 -0.71	33.00 0.77 -1.43	33.60 0.74 -0.64	30.54 1.20 0.00	27.97 0.87 -0.04	25.20 0.88 0.00	22.89 0.96 0.00
HIGH FALLS___HY 23754	20.81 0.99 0.00	19.38 0.92 0.00	17.87 0.72 0.00	17.31 0.73 0.00	17.43 0.73 0.00	18.82 0.78 0.00	21.82 1.20 0.04	22.98 1.30 0.30	24.06 1.38 0.25	23.16 1.30 0.12	23.02 1.38 0.00	23.23 1.46 0.00	23.46 1.50 0.14	25.48 1.75 0.21	27.06 1.89 0.06	27.84 1.97 0.00	31.77 2.40 -0.04	37.04 2.50 -2.83	38.99 2.22 -5.98	37.15 2.32 -2.60	31.06 1.73 0.00	28.86 1.65 -0.15	25.80 1.48 0.00	23.31 1.38 0.00
HILLBURN___GT 23639	20.87 1.05 0.00	19.42 0.96 0.00	17.94 0.79 0.00	17.33 0.75 0.00	17.47 0.77 0.00	18.94 0.90 0.00	21.90 1.24 0.00	23.37 1.39 0.00	24.40 1.47 0.00	23.43 1.45 0.00	23.11 1.47 0.00	23.36 1.59 0.00	23.71 1.61 0.00	25.89 1.94 0.00	27.31 2.07 0.00	28.02 2.15 0.00	31.96 2.55 -0.08	37.13 2.57 -2.87	38.55 2.31 -5.43	36.86 2.35 -2.29	31.18 1.85 0.00	28.95 1.76 -0.13	25.88 1.56 0.00	23.35 1.42 0.00
HILLSIDE_115KV_TB1 80332	20.23 0.42 0.00	18.81 0.35 0.00	17.35 0.21 0.00	16.70 0.12 0.00	16.88 0.18 0.00	18.42 0.38 0.00	21.05 0.39 0.00	22.36 0.37 0.00	23.32 0.39 0.00	22.40 0.42 0.00	22.01 0.37 0.00	22.07 0.30 0.00	22.43 0.33 0.00	24.21 0.26 0.00	25.59 0.35 0.00	26.21 0.34 0.00	29.59 0.26 0.00	32.69 0.25 -0.74	32.44 0.15 -1.49	32.98 0.10 -0.66	29.89 0.56 0.00	27.43 0.32 -0.04	24.71 0.39 0.00	22.45 0.53 0.00
HISHELDN_WT_PWR 323625	20.15 0.34 0.00	18.74 0.28 0.00	17.29 0.14 0.00	16.67 0.08 0.00	16.78 0.08 0.00	18.38 0.34 0.00	20.83 0.16 0.00	22.05 0.07 0.00	22.98 0.05 0.00	22.12 0.13 0.00	21.79 0.15 0.00	21.77 0.00 0.00	22.08 -0.02 0.00	23.78 -0.17 0.00	24.93 -0.30 0.00	25.59 -0.28 0.00	28.62 -0.70 0.00	31.53 -0.67 -0.49	31.27 -0.52 -0.99	31.99 -0.68 -0.44	29.45 0.12 0.00	26.90 -0.19 -0.03	24.47 0.15 0.00	22.39 0.46 0.00
HOLTSVILLE_IC_1 23690	23.36 1.72 -1.82	21.16 1.55 -1.15	18.53 1.39 0.00	17.88 1.29 0.00	18.03 1.34 0.00	19.61 1.57 0.00	22.58 1.92 0.00	24.60 2.02 -0.60	25.72 2.13 -0.65	25.95 2.13 -1.84	25.12 2.10 -1.38	26.50 2.26 -2.46	30.17 2.21 -5.86	28.52 2.73 -1.84	31.90 2.75 -3.91	33.54 2.87 -4.80	37.88 3.43 -5.12	43.49 3.46 -8.33	48.07 3.33 -13.95	40.02 3.29 -4.50	32.98 2.88 -0.77	29.99 2.52 -0.41	28.01 2.55 -1.14	25.14 2.28 -0.93
HOLTSVILLE_IC_10 23699	23.63 1.84 -1.97	21.37 1.66 -1.25	18.62 1.48 0.00	17.96 1.38 0.00	18.12 1.42 0.00	19.70 1.66 0.00	22.68 2.03 0.00	24.76 2.13 -0.65	25.89 2.25 -0.71	26.22 2.24 -1.99	25.36 2.23 -1.49	26.83 2.39 -2.67	30.81 2.37 -6.34	28.84 2.90 -1.99	32.42 2.95 -4.24	34.14 3.08 -5.20	38.56 3.69 -5.54	44.17 3.71 -8.77	48.38 3.63 -13.95	40.38 3.61 -4.54	33.34 3.17 -0.84	30.26 2.76 -0.43	28.28 2.75 -1.21	25.39 2.46 -1.00
HOLTSVILLE_IC_2 23691	23.36 1.72 -1.82	21.16 1.55 -1.15	18.53 1.39 0.00	17.88 1.29 0.00	18.03 1.34 0.00	19.61 1.57 0.00	22.58 1.92 0.00	24.60 2.02 -0.60	25.72 2.13 -0.65	25.95 2.13 -1.84	25.12 2.10 -1.38	26.50 2.26 -2.46	30.17 2.21 -5.86	28.52 2.73 -1.84	31.90 2.75 -3.91	33.54 2.87 -4.80	37.88 3.43 -5.12	43.49 3.46 -8.33	48.07 3.33 -13.95	40.02 3.29 -4.50	32.98 2.88 -0.77	29.99 2.52 -0.41	28.01 2.55 -1.14	25.14 2.28 -0.93
HOLTSVILLE_IC_3 23692	23.36 1.72 -1.82	21.16 1.55 -1.15	18.53 1.39 0.00	17.88 1.29 0.00	18.03 1.34 0.00	19.61 1.57 0.00	22.58 1.92 0.00	24.60 2.02 -0.60	25.72 2.13 -0.65	25.95 2.13 -1.84	25.12 2.10 -1.38	26.50 2.26 -2.46	30.17 2.21 -5.86	28.52 2.73 -1.84	31.90 2.75 -3.91	33.54 2.87 -4.80	37.88 3.43 -5.12	43.49 3.46 -8.33	48.07 3.33 -13.95	40.02 3.29 -4.50	32.98 2.88 -0.77	29.99 2.52 -0.41	28.01 2.55 -1.14	25.14 2.28 -0.93

HOLTSVILLE_IC_4 23693	23.36 1.72 -1.82	21.16 1.55 -1.15	18.53 1.39 0.00	17.88 1.29 0.00	18.03 1.34 0.00	19.61 1.57 0.00	22.58 1.92 0.00	24.60 2.02 -0.60	25.72 2.13 -0.65	25.95 2.13 -1.84	25.12 2.10 -1.38	26.50 2.26 -2.46	30.17 2.21 -5.86	28.52 2.73 -1.84	31.90 2.75 -3.91	33.54 2.87 -4.80	37.88 3.43 -5.12	43.49 3.46 -8.33	48.07 3.33 -13.95	40.02 3.29 -4.50	32.98 2.88 -0.77	29.99 2.52 -0.41	28.01 2.55 -1.14	25.14 2.28 -0.93
HOLTSVILLE_IC_5 23694	23.36 1.72 -1.82	21.16 1.55 -1.15	18.53 1.39 0.00	17.88 1.29 0.00	18.03 1.34 0.00	19.61 1.57 0.00	22.58 1.92 0.00	24.60 2.02 -0.60	25.72 2.13 -0.65	25.95 2.13 -1.84	25.12 2.10 -1.38	26.50 2.26 -2.46	30.17 2.21 -5.86	28.52 2.73 -1.84	31.90 2.75 -3.91	33.54 2.87 -4.80	37.88 3.43 -5.12	43.49 3.46 -8.33	48.07 3.33 -13.95	40.02 3.29 -4.50	32.98 2.88 -0.77	29.99 2.52 -0.41	28.01 2.55 -1.14	25.14 2.28 -0.93
HOLTSVILLE_IC_6 23695	23.63 1.84 -1.97	21.37 1.66 -1.25	18.62 1.48 0.00	17.96 1.38 0.00	18.12 1.42 0.00	19.70 1.66 0.00	22.68 2.03 0.00	24.76 2.13 -0.65	25.89 2.25 -0.71	26.22 2.24 -1.99	25.36 2.23 -1.49	26.83 2.39 -2.67	30.81 2.37 -6.34	28.84 2.90 -1.99	32.42 2.95 -4.24	34.14 3.08 -5.20	38.56 3.69 -5.54	44.17 3.71 -8.77	48.38 3.63 -13.95	40.38 3.61 -4.54	33.34 3.17 -0.84	30.26 2.76 -0.43	28.28 2.75 -1.21	25.39 2.46 -1.00
HOLTSVILLE_IC_7 23696	23.63 1.84 -1.97	21.37 1.66 -1.25	18.62 1.48 0.00	17.96 1.38 0.00	18.12 1.42 0.00	19.70 1.66 0.00	22.68 2.03 0.00	24.76 2.13 -0.65	25.89 2.25 -0.71	26.22 2.24 -1.99	25.36 2.23 -1.49	26.83 2.39 -2.67	30.81 2.37 -6.34	28.84 2.90 -1.99	32.42 2.95 -4.24	34.14 3.08 -5.20	38.56 3.69 -5.54	44.17 3.71 -8.77	48.38 3.63 -13.95	40.38 3.61 -4.54	33.34 3.17 -0.84	30.26 2.76 -0.43	28.28 2.75 -1.21	25.39 2.46 -1.00
HOLTSVILLE_IC_8 23697	23.63 1.84 -1.97	21.37 1.66 -1.25	18.62 1.48 0.00	17.96 1.38 0.00	18.12 1.42 0.00	19.70 1.66 0.00	22.68 2.03 0.00	24.76 2.13 -0.65	25.89 2.25 -0.71	26.22 2.24 -1.99	25.36 2.23 -1.49	26.83 2.39 -2.67	30.81 2.37 -6.34	28.84 2.90 -1.99	32.42 2.95 -4.24	34.14 3.08 -5.20	38.56 3.69 -5.54	44.17 3.71 -8.77	48.38 3.63 -13.95	40.38 3.61 -4.54	33.34 3.17 -0.84	30.26 2.76 -0.43	28.28 2.75 -1.21	25.39 2.46 -1.00
HOLTSVILLE_IC_9 23698	23.63 1.84 -1.97	21.37 1.66 -1.25	18.62 1.48 0.00	17.96 1.38 0.00	18.12 1.42 0.00	19.70 1.66 0.00	22.68 2.03 0.00	24.76 2.13 -0.65	25.89 2.25 -0.71	26.22 2.24 -1.99	25.36 2.23 -1.49	26.83 2.39 -2.67	30.81 2.37 -6.34	28.84 2.90 -1.99	32.42 2.95 -4.24	34.14 3.08 -5.20	38.56 3.69 -5.54	44.17 3.71 -8.77	48.38 3.63 -13.95	40.38 3.61 -4.54	33.34 3.17 -0.84	30.26 2.76 -0.43	28.28 2.75 -1.21	25.39 2.46 -1.00
HOMER_HL_115KV_TB2 355744	20.47 0.65 0.00	18.96 0.50 0.00	17.47 0.33 0.00	16.73 0.15 0.00	16.95 0.25 0.00	18.62 0.58 0.00	21.18 0.52 0.00	22.42 0.44 0.00	23.37 0.44 0.00	22.51 0.53 0.00	22.12 0.48 0.00	22.07 0.30 0.00	22.48 0.38 0.00	24.16 0.22 0.00	25.54 0.30 0.00	26.13 0.26 0.00	29.30 -0.03 0.00	32.13 -0.10 -0.53	31.65 -0.22 -1.07	32.35 -0.35 -0.48	29.77 0.44 0.00	27.28 0.19 -0.03	24.69 0.36 0.00	22.69 0.77 0.00
HOWARD_WT_PWR 323690	20.41 0.59 0.00	19.01 0.55 0.00	17.56 0.41 0.00	16.93 0.35 0.00	17.10 0.40 0.00	18.73 0.69 0.00	21.32 0.66 0.00	22.62 0.64 0.00	23.58 0.64 0.00	22.67 0.68 0.00	22.31 0.67 0.00	22.29 0.52 0.00	22.63 0.53 0.00	24.40 0.45 0.00	25.64 0.40 0.00	26.34 0.47 0.00	29.65 0.32 0.00	32.76 0.48 -0.59	32.54 0.56 -1.18	33.33 0.58 -0.52	30.51 1.17 0.00	27.88 0.79 -0.03	25.22 0.90 0.00	22.98 1.05 0.00
HQ_GEN_CEDARS 23644	19.66 -0.16 0.00	18.26 -0.20 0.00	17.06 -0.09 0.00	16.48 -0.10 0.00	16.60 -0.10 0.00	17.88 -0.16 0.00	20.43 -0.23 0.00	21.81 -0.18 0.00	22.77 -0.16 0.00	21.85 -0.13 0.00	21.47 -0.17 0.00	21.53 -0.24 0.00	21.84 -0.27 0.00	23.61 -0.34 0.00	24.83 -0.40 0.00	25.46 -0.41 0.00	28.71 -0.62 0.00	31.10 -0.60 0.00	30.31 -0.49 0.00	31.81 -0.42 0.00	28.83 -0.50 0.00	26.60 -0.46 0.00	23.96 -0.36 0.00	21.62 -0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	19.66 -0.16 0.00	18.26 -0.20 0.00	17.06 -0.09 0.00	16.48 -0.10 0.00	16.58 -0.12 0.00	17.84 -0.20 0.00	20.44 -0.23 0.00	21.81 -0.18 0.00	22.78 -0.16 0.00	21.85 -0.13 0.00	21.47 -0.17 0.00	21.53 -0.24 0.00	21.84 -0.26 0.00	23.56 -0.38 0.00	24.83 -0.40 0.00	25.43 -0.44 0.00	28.74 -0.59 0.00	31.10 -0.60 0.00	30.31 -0.49 0.00	31.81 -0.42 0.00	28.83 -0.50 0.00	26.60 -0.46 0.00	23.96 -0.36 0.00	21.62 -0.31 0.00
HQ_GEN_IMPORT 323601	19.54 -0.28 0.00	18.20 -0.26 0.00	16.98 -0.17 0.00	16.42 -0.17 0.00	16.52 -0.18 0.00	17.77 -0.27 0.00	20.35 -0.31 0.00	21.70 -0.29 0.00	22.64 -0.30 0.00	21.72 -0.26 0.00	21.36 -0.28 0.00	21.46 -0.30 0.00	21.79 -0.31 0.00	23.56 -0.38 0.00	24.83 -0.40 0.00	25.43 -0.44 0.00	28.83 -0.50 0.00	31.19 -0.51 0.00	30.34 -0.46 0.00	31.78 -0.45 0.00	28.86 -0.47 0.00	26.63 -0.43 0.00	23.93 -0.39 0.00	21.57 -0.35 0.00
HQ_GEN_WHEEL 23651	19.54 -0.28 0.00	18.20 -0.26 0.00	16.98 -0.17 0.00	16.42 -0.17 0.00	16.52 -0.18 0.00	17.77 -0.27 0.00	20.35 -0.31 0.00	21.70 -0.29 0.00	22.64 -0.30 0.00	21.72 -0.26 0.00	21.36 -0.28 0.00	21.46 -0.30 0.00	21.79 -0.31 0.00	23.56 -0.38 0.00	24.83 -0.40 0.00	25.43 -0.44 0.00	28.83 -0.50 0.00	31.19 -0.51 0.00	30.34 -0.46 0.00	31.78 -0.45 0.00	28.86 -0.47 0.00	26.63 -0.43 0.00	23.93 -0.39 0.00	21.57 -0.35 0.00
HUDSON_AVE_GT_3 23810	21.08 1.27 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.58 0.99 0.00	17.68 0.99 0.00	19.09 1.05 0.00	22.17 1.51 0.00	23.70 1.71 0.00	24.77 1.83 0.00	23.74 1.76 0.00	23.50 1.86 0.00	23.77 2.00 0.00	24.11 2.01 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.51 2.64 0.00	32.50 3.08 -0.09	37.87 3.14 -3.03	39.39 2.86 -5.73	37.56 2.93 -2.40	31.47 2.14 0.00	29.28 2.08 -0.14	26.29 1.97 0.00	23.70 1.78 0.00
HUDSON_AVE_GT_4 23540	21.08 1.27 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.58 0.99 0.00	17.68 0.99 0.00	19.09 1.05 0.00	22.17 1.51 0.00	23.70 1.71 0.00	24.77 1.83 0.00	23.74 1.76 0.00	23.50 1.86 0.00	23.77 2.00 0.00	24.11 2.01 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.51 2.64 0.00	32.50 3.08 -0.09	37.87 3.14 -3.03	39.39 2.86 -5.73	37.56 2.93 -2.40	31.47 2.14 0.00	29.28 2.08 -0.14	26.29 1.97 0.00	23.70 1.78 0.00
HUDSON_AVE_GT_5 23657	21.08 1.27 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.58 0.99 0.00	17.68 0.99 0.00	19.09 1.05 0.00	22.17 1.51 0.00	23.70 1.71 0.00	24.77 1.83 0.00	23.74 1.76 0.00	23.50 1.86 0.00	23.77 2.00 0.00	24.11 2.01 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.51 2.64 0.00	32.50 3.08 -0.09	37.87 3.14 -3.03	39.39 2.86 -5.73	37.56 2.93 -2.40	31.47 2.14 0.00	29.28 2.08 -0.14	26.29 1.97 0.00	23.70 1.78 0.00

HUDSON_AVE_10 24168	21.02 1.21 0.00	19.59 1.13 0.00	18.09 0.94 0.00	17.53 0.95 0.00	17.63 0.94 0.00	19.05 1.01 0.00	22.13 1.47 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.72 1.74 0.00	23.44 1.80 0.00	23.70 1.94 0.00	24.05 1.94 0.00	26.27 2.32 0.00	27.68 2.45 0.00	28.46 2.59 0.00	32.41 2.99 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.39 2.05 0.00	29.23 2.03 -0.14	26.24 1.92 0.00	23.66 1.73 0.00
HUDSON___115KV_TB 4 355613	20.67 0.85 0.00	19.36 0.90 0.00	17.90 0.75 0.00	17.36 0.78 0.00	17.47 0.77 0.00	18.85 0.81 0.00	21.36 1.01 0.31	20.96 1.06 2.07	22.29 1.08 1.72	22.04 0.92 0.86	22.44 0.80 0.00	22.59 0.83 0.00	22.06 0.95 0.99	23.53 1.08 1.50	25.97 1.19 0.45	27.01 1.14 0.00	30.77 1.50 0.05	36.18 1.49 -2.99	41.59 1.45 -9.34	38.07 1.55 -4.29	30.74 1.41 0.00	28.63 1.33 -0.24	25.51 1.19 0.00	22.96 1.03 0.00
HUNTER MOUNT___DRP 323613	20.73 0.91 0.00	19.44 0.98 0.00	17.94 0.79 0.00	17.41 0.83 0.00	17.53 0.83 0.00	18.91 0.87 0.00	21.54 1.12 0.24	21.54 1.17 1.61	22.79 1.19 1.33	22.32 1.01 0.67	22.42 0.78 0.00	22.57 0.81 0.00	22.33 0.99 0.77	23.91 1.13 1.16	26.10 1.21 0.35	26.96 1.09 0.00	30.85 1.55 0.03	36.20 1.49 -3.01	40.86 1.45 -8.61	37.73 1.58 -3.92	30.83 1.50 0.00	28.67 1.38 -0.22	25.58 1.26 0.00	23.02 1.10 0.00
HUNTINGTON_RES_REC 323705	23.61 1.82 -1.97	21.35 1.64 -1.25	18.60 1.46 0.00	17.92 1.34 0.00	18.10 1.40 0.00	19.66 1.62 0.00	22.66 2.00 0.00	24.79 2.16 -0.65	25.91 2.27 -0.71	26.22 2.24 -1.99	25.36 2.23 -1.49	26.83 2.39 -2.67	30.86 2.41 -6.35	28.84 2.90 -1.99	32.48 3.00 -4.24	34.22 3.16 -5.20	38.59 3.72 -5.54	44.24 3.77 -8.77	48.32 3.54 -13.97	40.37 3.58 -4.57	33.31 3.14 -0.84	30.23 2.73 -0.43	28.21 2.68 -1.21	25.32 2.39 -1.01
HUNTLEY___63 23557	20.07 0.26 0.00	18.55 0.09 0.00	17.10 -0.05 0.00	16.32 -0.27 0.00	16.57 -0.13 0.00	18.20 0.16 0.00	20.54 -0.12 0.00	21.72 -0.26 0.00	22.66 -0.28 0.00	21.81 -0.18 0.00	21.40 -0.24 0.00	21.38 -0.39 0.00	21.81 -0.29 0.00	23.42 -0.53 0.00	24.71 -0.53 0.00	25.29 -0.60 -0.01	28.37 -0.97 -0.01	31.06 -1.08 -0.44	30.72 -0.95 -0.87	31.43 -1.19 -0.40	29.08 -0.26 -0.01	26.56 -0.54 -0.03	24.16 -0.17 -0.01	22.10 0.18 0.00
HUNTLEY___64 23558	20.07 0.26 0.00	18.55 0.09 0.00	17.10 -0.05 0.00	16.32 -0.27 0.00	16.57 -0.13 0.00	18.20 0.16 0.00	20.54 -0.12 0.00	21.72 -0.26 0.00	22.66 -0.28 0.00	21.81 -0.18 0.00	21.40 -0.24 0.00	21.38 -0.39 0.00	21.81 -0.29 0.00	23.42 -0.53 0.00	24.71 -0.53 0.00	25.29 -0.60 -0.01	28.37 -0.97 -0.01	31.06 -1.08 -0.44	30.72 -0.95 -0.87	31.43 -1.19 -0.40	29.08 -0.26 -0.01	26.56 -0.54 -0.03	24.16 -0.17 -0.01	22.10 0.18 0.00
HUNTLEY___65 23559	20.07 0.26 0.00	18.55 0.09 0.00	17.10 -0.05 0.00	16.32 -0.27 0.00	16.57 -0.13 0.00	18.20 0.16 0.00	20.54 -0.12 0.00	21.72 -0.26 0.00	22.66 -0.28 0.00	21.81 -0.18 0.00	21.40 -0.24 0.00	21.38 -0.39 0.00	21.81 -0.29 0.00	23.42 -0.53 0.00	24.71 -0.53 0.00	25.29 -0.60 -0.01	28.37 -0.97 -0.01	31.06 -1.08 -0.44	30.72 -0.95 -0.87	31.43 -1.19 -0.40	29.08 -0.26 -0.01	26.56 -0.54 -0.03	24.16 -0.17 -0.01	22.10 0.18 0.00
HUNTLEY___66 23560	20.07 0.26 0.00	18.55 0.09 0.00	17.10 -0.05 0.00	16.32 -0.27 0.00	16.57 -0.13 0.00	18.20 0.16 0.00	20.54 -0.12 0.00	21.72 -0.26 0.00	22.66 -0.28 0.00	21.81 -0.18 0.00	21.40 -0.24 0.00	21.38 -0.39 0.00	21.81 -0.29 0.00	23.42 -0.53 0.00	24.71 -0.53 0.00	25.29 -0.60 -0.01	28.37 -0.97 -0.01	31.06 -1.08 -0.44	30.72 -0.95 -0.87	31.43 -1.19 -0.40	29.08 -0.26 -0.01	26.56 -0.54 -0.03	24.16 -0.17 -0.01	22.10 0.18 0.00
HUNTLEY___67 23561	20.11 0.30 0.00	18.61 0.15 0.00	17.15 0.00 0.00	16.37 -0.22 0.00	16.62 -0.08 0.00	18.24 0.20 0.00	20.62 -0.04 0.00	21.78 -0.20 0.00	22.73 -0.21 0.00	21.87 -0.11 0.00	21.47 -0.17 0.00	21.46 -0.30 0.00	21.86 -0.24 0.00	23.52 -0.43 0.00	24.81 -0.43 0.00	25.30 -0.57 0.00	28.39 -0.94 0.00	31.05 -1.08 -0.43	30.75 -0.92 -0.87	31.42 -1.19 -0.39	29.07 -0.26 0.00	26.52 -0.57 -0.02	24.17 -0.15 0.00	22.15 0.22 0.00
HUNTLEY___68 23562	20.11 0.30 0.00	18.61 0.15 0.00	17.15 0.00 0.00	16.37 -0.22 0.00	16.62 -0.08 0.00	18.24 0.20 0.00	20.62 -0.04 0.00	21.78 -0.20 0.00	22.73 -0.21 0.00	21.87 -0.11 0.00	21.47 -0.17 0.00	21.46 -0.30 0.00	21.86 -0.24 0.00	23.52 -0.43 0.00	24.81 -0.43 0.00	25.30 -0.57 0.00	28.39 -0.94 0.00	31.05 -1.08 -0.43	30.75 -0.92 -0.87	31.42 -1.19 -0.39	29.07 -0.26 0.00	26.52 -0.57 -0.02	24.17 -0.15 0.00	22.15 0.22 0.00
HYLAND___LFGE 323620	20.96 1.15 0.00	19.46 1.00 0.00	17.94 0.79 0.00	17.33 0.75 0.00	17.47 0.77 0.00	19.12 1.08 0.00	21.61 0.95 0.00	22.75 0.77 0.00	23.44 0.50 0.00	22.36 0.37 0.00	22.01 0.37 0.00	21.92 0.15 0.00	22.26 0.16 0.00	23.95 0.00 0.00	25.19 -0.05 0.00	26.34 0.47 0.00	29.68 0.35 0.00	32.65 0.48 -0.47	32.31 0.56 -0.95	33.46 0.81 -0.42	31.03 1.70 0.00	28.39 1.30 -0.02	25.71 1.39 0.00	23.29 1.36 0.00
INDECK___CORINTH 23802	21.46 1.64 0.00	20.03 1.57 0.00	18.52 1.37 0.00	17.96 1.38 0.00	18.07 1.37 0.00	19.57 1.53 0.00	22.69 1.76 -0.27	25.67 1.87 -1.82	26.39 1.95 -1.51	24.56 1.82 -0.76	23.28 1.64 0.00	23.47 1.70 0.00	24.73 1.77 -0.87	27.20 1.94 -1.31	27.55 1.92 -0.40	27.76 1.89 0.00	31.50 2.26 0.08	43.81 2.95 -9.16	49.83 2.96 -16.07	42.36 3.09 -7.04	32.12 2.79 0.00	30.14 2.68 -0.40	26.61 2.29 0.00	23.88 1.95 0.00
INDECK___ILION 23567	19.86 0.04 0.00	18.50 0.04 0.00	17.17 0.02 0.00	16.60 0.02 0.00	16.72 0.02 0.00	18.06 0.02 0.00	20.72 0.06 0.00	22.03 0.04 0.00	22.96 0.02 0.00	22.01 0.02 0.00	21.66 0.02 0.00	21.81 0.04 0.00	22.12 0.02 0.00	23.97 0.02 0.00	25.26 0.03 0.00	25.87 0.00 0.00	29.35 0.03 0.00	31.76 0.06 0.00	30.89 0.09 0.00	32.36 0.13 0.00	29.45 0.12 0.00	27.20 0.14 0.00	24.42 0.10 0.00	22.04 0.11 0.00
INDECK___OLEAN 23982	20.39 0.58 0.00	18.94 0.48 0.00	17.47 0.33 0.00	16.83 0.25 0.00	16.98 0.28 0.00	18.63 0.59 0.00	21.20 0.54 0.00	22.42 0.44 0.00	23.37 0.43 0.00	22.53 0.55 0.00	22.20 0.56 0.00	22.16 0.39 0.00	22.48 0.38 0.00	24.21 0.26 0.00	25.44 0.20 0.00	26.11 0.23 0.00	29.12 -0.20 0.00	32.11 -0.13 -0.53	31.66 -0.21 -1.07	32.38 -0.32 -0.48	29.77 0.44 0.00	27.20 0.11 -0.03	24.69 0.37 0.00	22.69 0.77 0.00
INDECK___OSWEGO 23783	19.50 -0.32 0.00	18.16 -0.30 0.00	16.82 -0.33 0.00	16.28 -0.30 0.00	16.40 -0.30 0.00	17.77 -0.27 0.00	20.31 -0.35 0.00	21.56 -0.42 0.00	22.48 -0.46 0.00	21.54 -0.44 0.00	21.21 -0.43 0.00	21.31 -0.46 0.00	21.64 -0.47 0.00	23.44 -0.50 0.00	24.70 -0.53 0.00	25.33 -0.54 0.00	28.68 -0.65 0.00	31.03 -0.67 0.00	30.19 -0.62 0.00	31.55 -0.68 0.00	28.86 -0.47 0.00	26.60 -0.46 0.00	23.88 -0.44 0.00	21.55 -0.37 0.00

INDECK___YERKES 23781	19.99 0.18 0.00	18.61 0.15 0.00	17.11 -0.03 0.00	16.50 -0.08 0.00	16.62 -0.08 0.00	18.22 0.18 0.00	20.54 -0.12 0.00	21.72 -0.26 0.00	22.68 -0.25 0.00	21.81 -0.18 0.00	21.55 -0.09 0.00	21.51 -0.26 0.00	21.84 -0.26 0.00	23.42 -0.53 0.00	24.50 -0.73 0.00	25.26 -0.62 -0.01	28.22 -1.11 -0.01	31.05 -1.08 -0.43	30.77 -0.89 -0.86	31.49 -1.13 -0.40	29.08 -0.26 -0.01	26.53 -0.57 -0.03	24.19 -0.15 -0.01	22.12 0.20 0.00
INDIAN POINT_GT_1 24139	20.93 1.11 0.00	19.49 1.03 0.00	18.02 0.87 0.00	17.46 0.88 0.00	17.55 0.85 0.00	18.96 0.92 0.00	21.96 1.30 0.00	23.43 1.45 0.00	24.47 1.54 0.00	23.48 1.49 0.00	23.22 1.58 0.00	23.44 1.68 0.00	23.78 1.68 0.00	25.91 1.96 0.00	27.33 2.09 0.00	28.07 2.20 0.00	32.03 2.61 -0.09	37.36 2.66 -3.00	38.90 2.43 -5.67	37.08 2.48 -2.38	31.21 1.88 0.00	29.04 1.84 -0.13	25.97 1.65 0.00	23.46 1.53 0.00
INDIAN POINT_GT_2 23659	20.93 1.11 0.00	19.49 1.03 0.00	18.02 0.87 0.00	17.46 0.88 0.00	17.55 0.85 0.00	18.96 0.92 0.00	21.96 1.30 0.00	23.43 1.45 0.00	24.47 1.54 0.00	23.48 1.49 0.00	23.22 1.58 0.00	23.44 1.68 0.00	23.78 1.68 0.00	25.91 1.96 0.00	27.33 2.09 0.00	28.07 2.20 0.00	32.03 2.61 -0.09	37.36 2.66 -3.00	38.90 2.43 -5.67	37.08 2.48 -2.38	31.21 1.88 0.00	29.04 1.84 -0.13	25.97 1.65 0.00	23.46 1.53 0.00
INDIAN POINT_GT_3 24019	20.93 1.11 0.00	19.49 1.03 0.00	18.02 0.87 0.00	17.46 0.88 0.00	17.55 0.85 0.00	18.96 0.92 0.00	21.96 1.30 0.00	23.43 1.45 0.00	24.47 1.54 0.00	23.48 1.49 0.00	23.22 1.58 0.00	23.44 1.68 0.00	23.78 1.68 0.00	25.91 1.96 0.00	27.33 2.09 0.00	28.07 2.20 0.00	32.03 2.61 -0.09	37.36 2.66 -3.00	38.90 2.43 -5.67	37.08 2.48 -2.38	31.21 1.88 0.00	29.04 1.84 -0.13	25.97 1.65 0.00	23.46 1.53 0.00
INDIAN POINT___2 23530	20.93 1.11 0.00	19.49 1.03 0.00	18.01 0.86 0.00	17.39 0.81 0.00	17.53 0.83 0.00	19.01 0.97 0.00	21.96 1.30 0.00	23.41 1.43 0.00	24.47 1.54 0.00	23.48 1.50 0.00	23.18 1.54 0.00	23.42 1.65 0.00	23.78 1.68 0.00	25.96 2.01 0.00	27.38 2.14 0.00	28.07 2.20 0.00	32.02 2.61 -0.09	37.31 2.66 -2.95	38.76 2.37 -5.58	37.02 2.45 -2.34	31.27 1.94 0.00	29.01 1.81 -0.13	25.95 1.63 0.00	23.42 1.49 0.00
INDIAN POINT___3 23531	20.91 1.09 0.00	19.49 1.03 0.00	18.01 0.86 0.00	17.44 0.86 0.00	17.55 0.85 0.00	18.96 0.92 0.00	21.94 1.28 0.00	23.41 1.43 0.00	24.47 1.54 0.00	23.46 1.47 0.00	23.20 1.56 0.00	23.44 1.68 0.00	23.78 1.68 0.00	25.89 1.94 0.00	27.31 2.07 0.00	28.05 2.17 0.00	32.00 2.58 -0.09	37.33 2.63 -3.00	38.84 2.37 -5.67	37.05 2.45 -2.38	31.15 1.82 0.00	29.01 1.81 -0.13	25.95 1.63 0.00	23.42 1.49 0.00
INGHAM_C_115KV_TB7 356103	19.80 -0.02 0.00	18.44 -0.02 0.00	17.08 -0.07 0.00	16.52 -0.07 0.00	16.63 -0.07 0.00	17.97 -0.07 0.00	20.62 -0.04 0.00	21.92 -0.07 0.00	22.82 -0.11 0.00	21.90 -0.09 0.00	21.55 -0.09 0.00	21.68 -0.09 0.00	22.01 -0.09 0.00	23.83 -0.12 0.00	25.08 -0.15 0.00	25.69 -0.18 0.00	29.15 -0.18 0.00	31.57 -0.13 0.00	30.71 -0.09 0.00	32.23 0.00 0.00	29.33 0.00 0.00	27.15 0.08 0.00	24.39 0.07 0.00	21.99 0.07 0.00
IP CORINTH___1 23988	21.44 1.62 0.00	20.03 1.57 0.00	18.52 1.37 0.00	17.97 1.39 0.00	18.07 1.37 0.00	19.54 1.50 0.00	22.71 1.78 -0.27	25.67 1.87 -1.82	26.39 1.95 -1.51	24.57 1.82 -0.76	23.28 1.64 0.00	23.47 1.70 0.00	24.73 1.77 -0.87	27.20 1.94 -1.31	27.55 1.92 -0.40	27.76 1.89 0.00	31.50 2.26 0.08	43.81 2.95 -9.16	49.83 2.96 -16.07	42.36 3.09 -7.04	32.12 2.79 0.00	30.14 2.68 -0.40	26.61 2.29 0.00	23.86 1.93 0.00
IP___TICONDEROGA 23804	22.39 2.58 0.00	20.91 2.46 0.00	19.31 2.16 0.00	18.79 2.21 0.00	18.90 2.20 0.00	20.44 2.40 0.00	23.77 2.81 -0.30	26.97 2.99 -2.00	27.74 3.14 -1.66	25.72 2.90 -0.83	24.28 2.64 0.00	24.51 2.74 0.00	25.84 2.78 -0.95	28.41 3.02 -1.45	28.83 3.15 -0.44	29.08 3.21 0.00	33.05 3.81 0.09	45.52 4.56 -9.26	51.48 4.68 -16.00	44.12 4.90 -7.00	33.79 4.46 0.00	31.79 4.33 -0.40	27.97 3.65 0.00	24.95 3.03 0.00
ISLIP_RES_REC 323679	23.84 1.94 -2.08	21.51 1.73 -1.31	18.71 1.56 0.00	18.02 1.44 0.00	18.18 1.49 0.00	19.79 1.75 0.00	22.79 2.13 0.00	24.91 2.24 -0.69	26.04 2.36 -0.74	26.46 2.37 -2.10	25.57 2.36 -1.57	27.12 2.55 -2.81	31.30 2.52 -6.68	29.14 3.09 -2.10	32.83 3.13 -4.46	34.63 3.29 -5.47	39.08 3.93 -5.83	44.77 3.99 -9.07	48.63 3.88 -13.95	40.66 3.87 -4.57	33.62 3.40 -0.88	30.49 2.98 -0.45	28.51 2.92 -1.27	25.57 2.59 -1.05
JAMAICA__27_KV_LOAD 355505	21.10 1.29 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.58 0.99 0.00	17.68 0.99 0.00	19.12 1.08 0.00	22.25 1.59 0.00	23.83 1.85 0.00	24.93 2.00 0.00	23.90 1.91 0.00	23.52 1.88 0.00	23.81 2.05 0.00	24.16 2.06 0.00	26.39 2.44 0.00	27.84 2.60 0.00	28.59 2.72 0.00	32.56 3.14 -0.09	37.93 3.20 -3.03	39.45 2.93 -5.73	37.62 3.00 -2.40	31.44 2.11 0.00	29.34 2.14 -0.14	26.44 2.12 0.00	23.79 1.86 0.00
JANIS___SOLAR 323808	20.69 0.87 0.00	19.27 0.81 0.00	17.82 0.67 0.00	17.25 0.66 0.00	17.38 0.68 0.00	18.91 0.87 0.00	21.67 1.01 0.00	22.99 1.01 0.00	23.85 0.92 0.00	22.55 0.57 0.00	22.10 0.46 0.00	22.14 0.37 0.00	22.45 0.35 0.00	24.26 0.31 0.00	25.56 0.33 0.00	26.47 0.60 0.00	30.09 0.76 0.00	33.77 1.17 -0.89	33.99 1.39 -1.80	34.70 1.67 -0.80	31.15 1.82 0.00	28.60 1.49 -0.05	25.54 1.22 0.00	23.02 1.10 0.00
JARVIS____ 23743	19.88 0.06 0.00	18.51 0.06 0.00	17.18 0.03 0.00	16.62 0.03 0.00	16.73 0.03 0.00	18.09 0.05 0.00	20.74 0.08 0.00	22.05 0.07 0.00	22.98 0.05 0.00	22.03 0.04 0.00	21.68 0.04 0.00	21.83 0.07 0.00	22.17 0.07 0.00	24.02 0.07 0.00	25.31 0.08 0.00	25.95 0.08 0.00	29.41 0.09 0.00	31.83 0.13 0.00	30.93 0.12 0.00	32.36 0.13 0.00	29.45 0.12 0.00	27.17 0.11 0.00	24.42 0.10 0.00	22.01 0.09 0.00
JENNISON___1 23625	20.85 1.03 0.00	19.38 0.92 0.00	17.92 0.77 0.00	17.34 0.76 0.00	17.48 0.78 0.00	19.00 0.96 0.00	21.82 1.16 0.00	23.23 1.25 0.00	24.15 1.22 0.00	22.95 0.97 0.00	22.48 0.84 0.00	22.59 0.83 0.00	22.94 0.84 0.00	24.74 0.79 0.00	26.12 0.88 0.00	26.93 1.06 0.00	30.56 1.23 0.00	34.55 1.55 -1.30	35.08 1.66 -2.61	35.29 1.90 -1.16	31.27 1.94 0.00	28.81 1.68 -0.07	25.68 1.36 0.00	23.18 1.25 0.00
JENNISON___2 23626	20.85 1.03 0.00	19.38 0.92 0.00	17.92 0.77 0.00	17.34 0.76 0.00	17.48 0.78 0.00	19.00 0.96 0.00	21.82 1.16 0.00	23.23 1.25 0.00	24.15 1.22 0.00	22.95 0.97 0.00	22.48 0.84 0.00	22.59 0.83 0.00	22.94 0.84 0.00	24.74 0.79 0.00	26.12 0.88 0.00	26.93 1.06 0.00	30.56 1.23 0.00	34.55 1.55 -1.30	35.08 1.66 -2.61	35.29 1.90 -1.16	31.27 1.94 0.00	28.81 1.68 -0.07	25.68 1.36 0.00	23.18 1.25 0.00

JERICO_RISE_WT_PWR 323719	19.94 0.12 0.00	18.50 0.04 0.00	17.20 0.05 0.00	16.57 -0.02 0.00	16.65 -0.05 0.00	17.86 -0.18 0.00	20.41 -0.25 0.00	21.78 -0.20 0.00	22.80 -0.14 0.00	21.87 -0.11 0.00	21.47 -0.17 0.00	21.46 -0.30 0.00	21.72 -0.38 0.00	23.35 -0.60 0.00	24.58 -0.66 0.00	25.15 -0.72 0.00	28.39 -0.94 0.00	30.87 -0.82 0.00	30.12 -0.68 0.00	31.78 -0.45 0.00	28.81 -0.53 0.00	26.47 -0.60 0.00	23.78 -0.54 0.00	21.51 -0.42 0.00
KATONAH__115KV_46KV_TB4 355592	21.00 1.19 0.00	19.59 1.13 0.00	18.09 0.94 0.00	17.54 0.96 0.00	17.62 0.92 0.00	19.01 0.97 0.00	22.03 1.36 0.00	23.48 1.49 0.00	24.56 1.63 0.00	23.54 1.56 0.00	23.26 1.62 0.00	23.47 1.70 0.00	23.82 1.72 0.00	25.96 2.01 0.00	27.38 2.15 0.00	28.12 2.25 0.00	32.15 2.73 -0.09	37.56 2.79 -3.07	39.16 2.56 -5.80	37.34 2.67 -2.43	31.36 2.02 0.00	29.21 2.00 -0.14	26.05 1.73 0.00	23.53 1.60 0.00
KCE_NY_1 323755	21.18 1.37 0.00	19.77 1.31 0.00	18.28 1.13 0.00	17.73 1.14 0.00	17.84 1.14 0.00	19.32 1.28 0.00	22.47 1.47 -0.34	25.78 1.54 -2.26	26.39 1.58 -1.87	24.40 1.47 -0.94	23.00 1.36 0.00	23.20 1.44 0.00	24.68 1.50 -1.08	27.26 1.68 -1.63	27.47 1.74 -0.49	27.66 1.78 0.00	31.35 2.11 0.09	43.50 2.41 -9.39	49.07 2.37 -15.89	41.61 2.45 -6.94	31.53 2.20 0.00	29.57 2.11 -0.39	26.15 1.82 0.00	23.53 1.60 0.00
KCE_NY_6_ESR 323823	20.25 0.44 0.00	18.81 0.35 0.00	17.36 0.21 0.00	16.71 0.13 0.00	16.85 0.15 0.00	18.47 0.43 0.00	20.89 0.23 0.00	22.09 0.11 0.00	23.05 0.12 0.00	22.18 0.20 0.00	21.90 0.26 0.00	21.88 0.11 0.00	22.17 0.07 0.00	23.85 -0.10 0.00	24.96 -0.28 0.00	25.67 -0.21 0.00	28.62 -0.70 0.00	31.53 -0.63 -0.46	31.27 -0.46 -0.93	31.93 -0.71 -0.41	29.45 0.12 0.00	26.87 -0.22 -0.03	24.49 0.17 0.00	22.47 0.55 0.00
KEDC_PORT_JEFF_GT2 24210	23.51 1.78 -1.91	21.27 1.61 -1.21	18.59 1.44 0.00	17.91 1.33 0.00	18.07 1.37 0.00	19.64 1.61 0.00	22.62 1.96 0.00	24.61 2.00 -0.63	25.73 2.11 -0.68	26.02 2.11 -1.93	25.21 2.12 -1.45	26.64 2.28 -2.59	30.48 2.23 -6.15	28.66 2.78 -1.93	32.15 2.80 -4.11	33.86 2.95 -5.04	38.22 3.52 -5.37	43.65 3.36 -8.59	48.11 3.36 -13.95	39.98 3.22 -4.53	33.14 2.99 -0.81	30.11 2.62 -0.42	28.18 2.68 -1.18	25.29 2.39 -0.98
KEDC_PORT_JEFF_GT3 24211	23.51 1.78 -1.91	21.27 1.61 -1.21	18.59 1.44 0.00	17.91 1.33 0.00	18.07 1.37 0.00	19.64 1.61 0.00	22.62 1.96 0.00	24.61 2.00 -0.63	25.73 2.11 -0.68	26.02 2.11 -1.93	25.21 2.12 -1.45	26.64 2.28 -2.59	30.48 2.23 -6.15	28.66 2.78 -1.93	32.15 2.80 -4.11	33.86 2.95 -5.04	38.22 3.52 -5.37	43.65 3.36 -8.59	48.11 3.36 -13.95	39.98 3.22 -4.53	33.14 2.99 -0.81	30.11 2.62 -0.42	28.18 2.68 -1.18	25.29 2.39 -0.98
KEDC_GLWD_GT4 24219	29.89 1.55 -8.53	25.30 1.44 -5.40	18.39 1.24 -0.01	17.74 1.16 0.00	17.91 1.20 -0.01	19.42 1.37 -0.01	22.42 1.76 -0.01	26.74 1.93 -2.83	28.04 2.04 -3.07	32.59 2.00 -8.60	30.08 2.03 -6.41	35.39 2.16 -11.47	51.61 2.14 -27.36	35.04 2.54 -8.55	46.22 2.70 -18.28	51.05 2.77 -22.41	56.11 3.25 -23.53	62.74 3.33 -27.71	47.73 2.99 -13.95	41.55 3.09 -6.23	35.50 2.55 -3.62	30.83 2.38 -1.38	31.07 2.24 -4.52	28.03 2.02 -4.09
KEDC_GLWD_GT5 24220	29.89 1.55 -8.53	25.30 1.44 -5.40	18.39 1.24 -0.01	17.74 1.16 0.00	17.91 1.20 -0.01	19.42 1.37 -0.01	22.42 1.76 -0.01	26.74 1.93 -2.83	28.04 2.04 -3.07	32.59 2.00 -8.60	30.08 2.03 -6.41	35.39 2.16 -11.47	51.61 2.14 -27.36	35.04 2.54 -8.55	46.22 2.70 -18.28	51.05 2.77 -22.41	56.11 3.25 -23.53	62.74 3.33 -27.71	47.73 2.99 -13.95	41.55 3.09 -6.23	35.50 2.55 -3.62	30.83 2.38 -1.38	31.07 2.24 -4.52	28.03 2.02 -4.09
KENSICO____ 23655	20.97 1.15 0.00	19.55 1.09 0.00	18.06 0.91 0.00	17.49 0.91 0.00	17.60 0.90 0.00	19.01 0.97 0.00	22.03 1.36 0.00	23.50 1.52 0.00	24.56 1.63 0.00	23.54 1.56 0.00	23.31 1.67 0.00	23.53 1.76 0.00	23.87 1.77 0.00	26.01 2.06 0.00	27.43 2.20 0.00	28.17 2.30 0.00	32.15 2.73 -0.09	37.52 2.79 -3.03	39.07 2.56 -5.72	37.23 2.61 -2.40	31.30 1.97 0.00	29.12 1.92 -0.14	26.07 1.75 0.00	23.53 1.60 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.83 1.01 0.00	19.40 0.94 0.00	17.89 0.74 0.00	17.33 0.75 0.00	17.45 0.75 0.00	18.83 0.79 0.00	21.86 1.20 0.00	23.26 1.27 0.00	24.31 1.38 0.00	23.26 1.28 0.00	23.00 1.36 0.00	23.18 1.41 0.00	23.58 1.48 0.00	25.65 1.70 0.00	27.08 1.84 0.00	27.79 1.91 0.00	31.72 2.35 -0.05	37.03 2.47 -2.86	38.57 2.22 -5.55	36.95 2.32 -2.40	31.09 1.76 0.00	28.91 1.71 -0.14	25.83 1.51 0.00	23.31 1.38 0.00
KIAC_JFK_GT1 23816	21.02 1.21 0.00	19.59 1.13 0.00	18.07 0.93 0.00	17.51 0.93 0.00	17.60 0.90 0.00	19.05 1.01 0.00	22.17 1.51 0.00	23.74 1.76 0.00	24.82 1.88 0.00	23.79 1.80 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.05 1.94 0.00	26.27 2.32 0.00	27.71 2.47 0.00	28.46 2.59 0.00	32.32 2.90 -0.09	37.62 2.88 -3.03	39.15 2.62 -5.73	37.33 2.71 -2.40	31.21 1.88 0.00	29.20 2.00 -0.14	26.31 1.99 0.00	23.68 1.75 0.00
KIAC_JFK_GT2 23817	21.02 1.21 0.00	19.59 1.13 0.00	18.07 0.93 0.00	17.51 0.93 0.00	17.60 0.90 0.00	19.05 1.01 0.00	22.17 1.51 0.00	23.74 1.76 0.00	24.82 1.88 0.00	23.79 1.80 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.05 1.94 0.00	26.27 2.32 0.00	27.71 2.47 0.00	28.46 2.59 0.00	32.32 2.90 -0.09	37.62 2.88 -3.03	39.15 2.62 -5.73	37.33 2.71 -2.40	31.21 1.88 0.00	29.20 2.00 -0.14	26.31 1.99 0.00	23.68 1.75 0.00
KIAC_JFK____ 323774	21.05 1.23 0.00	19.59 1.13 0.00	18.09 0.94 0.00	17.48 0.89 0.00	17.60 0.90 0.00	19.10 1.06 0.00	22.19 1.53 0.00	23.72 1.74 0.00	24.82 1.88 0.00	23.81 1.82 0.00	23.35 1.71 0.00	23.66 1.89 0.00	24.05 1.95 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.32 2.90 -0.09	37.65 2.91 -3.03	39.15 2.62 -5.73	37.34 2.71 -2.40	31.33 2.00 0.00	29.23 2.03 -0.14	26.31 1.99 0.00	23.66 1.73 0.00
KINTIGH____ 23543	19.93 0.12 0.00	18.46 0.00 0.00	17.03 -0.12 0.00	16.28 -0.30 0.00	16.52 -0.18 0.00	18.09 0.05 0.00	20.50 -0.17 0.00	21.70 -0.29 0.00	22.66 -0.28 0.00	21.79 -0.20 0.00	21.36 -0.28 0.00	21.38 -0.39 0.00	21.77 -0.33 0.00	23.44 -0.50 0.00	24.73 -0.50 0.00	25.25 -0.62 0.00	28.36 -0.97 0.00	30.99 -1.08 -0.36	30.64 -0.89 -0.74	31.36 -1.19 -0.33	28.98 -0.35 0.00	26.46 -0.62 -0.02	24.05 -0.27 0.00	21.93 0.00 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.17 0.36 0.00	18.72 0.26 0.00	17.37 0.22 0.00	16.73 0.15 0.00	16.80 0.10 0.00	18.11 0.07 0.00	20.66 0.00 0.00	22.05 0.07 0.00	23.07 0.14 0.00	22.18 0.20 0.00	21.73 0.09 0.00	21.72 -0.04 0.00	21.99 -0.11 0.00	23.64 -0.31 0.00	24.83 -0.40 0.00	25.48 -0.39 0.00	28.68 -0.65 0.00	31.26 -0.44 0.00	30.59 -0.22 0.00	32.23 0.00 0.00	29.22 -0.12 0.00	26.79 -0.27 0.00	24.08 -0.24 0.00	21.75 -0.18 0.00

LACHUTE____HYDRO 323717	22.41 2.60 0.00	20.91 2.46 0.00	19.31 2.16 0.00	18.79 2.21 0.00	18.90 2.20 0.00	20.47 2.43 0.00	23.73 2.77 -0.30	26.97 2.99 -2.00	27.74 3.14 -1.66	25.72 2.90 -0.83	24.28 2.64 0.00	24.49 2.72 0.00	25.84 2.78 -0.95	28.44 3.04 -1.45	28.83 3.15 -0.44	29.08 3.21 0.00	33.05 3.81 0.09	45.52 4.57 -9.26	51.48 4.68 -16.00	44.12 4.90 -7.00	33.79 4.46 0.00	31.79 4.33 -0.40	27.97 3.65 0.00	24.95 3.03 0.00
LAWRNCAV_115KV_TB1 80681	19.72 -0.10 0.00	18.29 -0.17 0.00	17.08 -0.07 0.00	16.52 -0.07 0.00	16.63 -0.07 0.00	17.91 -0.13 0.00	20.52 -0.14 0.00	21.94 -0.04 0.00	22.89 -0.05 0.00	21.96 -0.02 0.00	21.53 -0.11 0.00	21.59 -0.17 0.00	21.88 -0.22 0.00	23.59 -0.36 0.00	24.86 -0.38 0.00	25.30 -0.57 0.00	28.21 -1.11 0.00	30.46 -1.24 0.00	29.78 -1.02 0.00	31.39 -0.84 0.00	28.60 -0.73 0.00	26.44 -0.62 0.00	23.91 -0.41 0.00	21.64 -0.29 0.00
LEDERLE____ 23769	20.95 1.13 0.00	19.53 1.07 0.00	18.02 0.87 0.00	17.46 0.88 0.00	17.57 0.87 0.00	19.00 0.96 0.00	22.01 1.34 0.00	23.48 1.49 0.00	24.54 1.61 0.00	23.54 1.56 0.00	23.28 1.64 0.00	23.51 1.74 0.00	23.85 1.75 0.00	25.96 2.01 0.00	27.41 2.17 0.00	28.15 2.28 0.00	32.11 2.70 -0.09	37.39 2.79 -2.90	38.79 2.49 -5.49	37.08 2.55 -2.31	31.30 1.97 0.00	29.12 1.92 -0.13	26.05 1.73 0.00	23.48 1.56 0.00
LIGHTHSE_115KV_TB6 355974	19.80 -0.02 0.00	18.42 -0.04 0.00	17.06 -0.09 0.00	16.50 -0.08 0.00	16.63 -0.07 0.00	18.02 -0.02 0.00	20.64 -0.02 0.00	21.92 -0.07 0.00	22.87 -0.07 0.00	21.92 -0.07 0.00	21.53 -0.11 0.00	21.64 -0.13 0.00	21.99 -0.11 0.00	23.78 -0.17 0.00	25.11 -0.13 0.00	25.69 -0.18 0.00	29.09 -0.23 0.00	31.41 -0.29 0.00	30.62 -0.18 0.00	32.10 -0.13 0.00	29.39 0.06 0.00	27.15 0.08 0.00	24.32 0.00 0.00	21.90 -0.02 0.00
LINDEN COGEN____ 23786	20.98 1.17 0.00	19.53 1.07 0.00	18.04 0.89 0.00	17.43 0.85 0.00	17.57 0.87 0.00	19.07 1.03 0.00	22.09 1.42 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.37 1.73 0.00	23.66 1.89 0.00	24.02 1.92 0.00	26.27 2.32 0.00	27.71 2.47 0.00	28.41 2.54 0.00	32.35 2.93 -0.09	37.65 2.91 -3.03	39.18 2.65 -5.73	37.34 2.71 -2.40	31.45 2.11 0.00	29.18 1.97 -0.14	26.17 1.85 0.00	23.55 1.62 0.00
LINDHRST_69_KV_BK1 356055	26.41 1.86 -4.73	23.17 1.72 -2.99	18.62 1.47 0.00	17.94 1.36 0.00	18.10 1.40 0.00	19.66 1.62 0.00	22.71 2.05 0.00	25.83 2.29 -1.56	27.04 2.41 -1.70	29.06 2.31 -4.77	27.58 2.38 -3.56	30.68 2.55 -6.36	39.75 2.48 -15.17	31.40 2.71 -4.75	38.32 2.95 -10.14	41.43 3.13 -12.43	46.11 3.69 -13.09	52.29 3.87 -16.72	48.41 3.67 -13.94	41.28 3.84 -5.21	34.43 3.14 -1.96	30.88 3.00 -0.81	29.74 2.82 -2.60	26.77 2.54 -2.30
LIPA_MISC_IPP 23656	23.23 1.57 -1.85	21.05 1.42 -1.17	18.38 1.23 0.00	17.73 1.14 0.00	17.85 1.15 0.00	19.41 1.37 0.00	22.37 1.71 0.00	24.48 1.89 -0.61	25.59 2.00 -0.66	25.76 1.91 -1.86	25.05 2.01 -1.40	26.48 2.22 -2.50	30.18 2.14 -5.94	28.21 2.39 -1.86	31.87 2.68 -3.96	33.60 2.87 -4.86	37.97 3.46 -5.19	43.74 3.65 -8.40	48.35 3.60 -13.95	40.47 3.74 -4.51	32.99 2.87 -0.78	30.26 2.79 -0.41	28.10 2.63 -1.15	25.19 2.32 -0.94
LISF____SOLAR 323691	23.31 1.63 -1.87	21.10 1.46 -1.18	18.47 1.32 0.00	17.81 1.23 0.00	17.96 1.27 0.00	19.53 1.50 0.00	22.48 1.82 0.00	24.51 1.91 -0.62	25.62 2.02 -0.67	25.89 2.02 -1.89	25.07 2.01 -1.42	26.50 2.20 -2.53	30.25 2.12 -6.02	28.52 2.68 -1.89	31.96 2.70 -4.02	33.63 2.82 -4.93	38.02 3.43 -5.26	43.70 3.52 -8.48	48.17 3.42 -13.95	40.16 3.41 -4.52	33.06 2.93 -0.79	30.02 2.54 -0.41	28.04 2.55 -1.16	25.14 2.26 -0.96
LITTLE FALLS____HYD 24013	19.80 -0.02 0.00	18.44 -0.02 0.00	17.08 -0.07 0.00	16.52 -0.07 0.00	16.63 -0.07 0.00	17.97 -0.07 0.00	20.62 -0.04 0.00	21.92 -0.07 0.00	22.82 -0.11 0.00	21.90 -0.09 0.00	21.55 -0.09 0.00	21.68 -0.09 0.00	22.01 -0.09 0.00	23.83 -0.12 0.00	25.08 -0.15 0.00	25.69 -0.18 0.00	29.15 -0.18 0.00	31.57 -0.13 0.00	30.71 -0.09 0.00	32.23 0.00 0.00	29.33 0.00 0.00	27.15 0.08 0.00	24.39 0.07 0.00	21.99 0.07 0.00
LITTLRIV_115KV_TB1 356100	19.82 0.00 0.00	18.39 -0.07 0.00	17.17 0.02 0.00	16.60 0.02 0.00	16.72 0.02 0.00	18.02 -0.02 0.00	20.64 -0.02 0.00	22.09 0.11 0.00	23.05 0.11 0.00	22.12 0.13 0.00	21.68 0.04 0.00	21.72 -0.04 0.00	22.03 -0.07 0.00	23.73 -0.22 0.00	25.01 -0.23 0.00	25.48 -0.39 0.00	28.47 -0.85 0.00	30.81 -0.89 0.00	30.12 -0.68 0.00	31.74 -0.48 0.00	28.89 -0.44 0.00	26.71 -0.35 0.00	24.10 -0.22 0.00	21.77 -0.15 0.00
LI_NEWBRDGE____DRP 323616	21.72 1.55 -0.36	20.12 1.44 -0.22	18.34 1.20 0.01	17.69 1.11 0.00	17.83 1.14 0.01	19.35 1.32 0.01	22.37 1.71 0.01	24.05 1.96 -0.11	25.12 2.06 -0.12	24.32 1.98 -0.36	23.93 2.01 -0.28	24.42 2.15 -0.50	25.39 2.12 -1.17	26.72 2.39 -0.37	28.59 2.57 -0.78	29.52 2.69 -0.95	33.57 3.14 -1.11	39.03 3.23 -4.10	47.60 2.86 -13.93	39.33 3.00 -4.10	31.84 2.38 -0.13	29.55 2.30 -0.19	26.93 2.21 -0.40	24.19 2.02 -0.24
LOCKPORT_115KV_TB60_63_64 80432	20.13 0.32 0.00	18.61 0.15 0.00	17.15 0.00 0.00	16.35 -0.23 0.00	16.60 -0.10 0.00	18.26 0.22 0.00	20.60 -0.06 0.00	21.78 -0.20 0.00	22.73 -0.21 0.00	21.85 -0.13 0.00	21.42 -0.22 0.00	21.42 -0.35 0.00	21.84 -0.27 0.00	23.47 -0.48 0.00	24.76 -0.48 0.00	25.25 -0.62 0.00	28.33 -1.00 0.00	30.99 -1.11 -0.41	30.66 -0.95 -0.81	31.40 -1.19 -0.36	29.10 -0.23 0.00	26.55 -0.54 -0.02	24.18 -0.15 0.00	22.12 0.20 0.00
LOCKPORT____CC1 323769	20.01 0.20 0.00	18.57 0.11 0.00	17.15 0.00 0.00	16.53 -0.05 0.00	16.65 -0.05 0.00	18.26 0.22 0.00	20.60 -0.06 0.00	21.78 -0.20 0.00	22.73 -0.21 0.00	21.85 -0.13 0.00	21.58 -0.06 0.00	21.55 -0.22 0.00	21.84 -0.26 0.00	23.47 -0.48 0.00	24.56 -0.68 0.00	25.23 -0.65 0.00	28.15 -1.17 0.00	30.97 -1.14 -0.41	30.69 -0.92 -0.82	31.40 -1.19 -0.37	29.04 -0.29 0.00	26.47 -0.62 -0.02	24.18 -0.15 0.00	22.12 0.20 0.00
LOCKPORT____CC2 323770	20.01 0.20 0.00	18.57 0.11 0.00	17.15 0.00 0.00	16.53 -0.05 0.00	16.65 -0.05 0.00	18.26 0.22 0.00	20.60 -0.06 0.00	21.78 -0.20 0.00	22.73 -0.21 0.00	21.85 -0.13 0.00	21.58 -0.06 0.00	21.55 -0.22 0.00	21.84 -0.26 0.00	23.47 -0.48 0.00	24.56 -0.68 0.00	25.23 -0.65 0.00	28.15 -1.17 0.00	30.97 -1.14 -0.41	30.69 -0.92 -0.82	31.40 -1.19 -0.37	29.04 -0.29 0.00	26.47 -0.62 -0.02	24.18 -0.15 0.00	22.12 0.20 0.00
LOCKPORT____CC3 323771	20.01 0.20 0.00	18.57 0.11 0.00	17.15 0.00 0.00	16.53 -0.05 0.00	16.65 -0.05 0.00	18.26 0.22 0.00	20.60 -0.06 0.00	21.78 -0.20 0.00	22.73 -0.21 0.00	21.85 -0.13 0.00	21.58 -0.06 0.00	21.55 -0.22 0.00	21.84 -0.26 0.00	23.47 -0.48 0.00	24.56 -0.68 0.00	25.23 -0.65 0.00	28.15 -1.17 0.00	30.97 -1.14 -0.41	30.69 -0.92 -0.82	31.40 -1.19 -0.37	29.04 -0.29 0.00	26.47 -0.62 -0.02	24.18 -0.15 0.00	22.12 0.20 0.00

LONG_LAKE_PHOENIX 24014	19.58 -0.24 0.00	18.24 -0.22 0.00	16.89 -0.26 0.00	16.32 -0.27 0.00	16.45 -0.25 0.00	17.82 -0.22 0.00	20.39 -0.27 0.00	21.65 -0.33 0.00	22.59 -0.34 0.00	21.68 -0.31 0.00	21.32 -0.32 0.00	21.42 -0.35 0.00	21.77 -0.33 0.00	23.59 -0.36 0.00	24.88 -0.35 0.00	25.51 -0.36 0.00	28.91 -0.41 0.00	31.19 -0.51 0.00	30.34 -0.46 0.00	31.74 -0.48 0.00	29.07 -0.26 0.00	26.74 -0.32 0.00	24.03 -0.29 0.00	21.66 -0.26 0.00
LOVETT___3 23632	20.87 1.05 0.00	19.46 1.00 0.00	17.97 0.82 0.00	17.41 0.83 0.00	17.52 0.82 0.00	18.92 0.88 0.00	21.92 1.26 0.00	23.39 1.41 0.00	24.43 1.49 0.00	23.43 1.45 0.00	23.18 1.54 0.00	23.42 1.65 0.00	23.76 1.66 0.00	25.86 1.92 0.00	27.28 2.04 0.00	28.02 2.15 0.00	31.96 2.55 -0.09	37.21 2.60 -2.92	38.66 2.34 -5.52	36.93 2.38 -2.32	31.12 1.79 0.00	28.98 1.79 -0.13	25.93 1.61 0.00	23.39 1.47 0.00
LOVETT___4 23642	20.87 1.05 0.00	19.46 1.00 0.00	17.97 0.82 0.00	17.41 0.83 0.00	17.52 0.82 0.00	18.92 0.88 0.00	21.92 1.26 0.00	23.39 1.41 0.00	24.43 1.49 0.00	23.43 1.45 0.00	23.18 1.54 0.00	23.42 1.65 0.00	23.76 1.66 0.00	25.86 1.92 0.00	27.28 2.04 0.00	28.02 2.15 0.00	31.96 2.55 -0.09	37.21 2.60 -2.92	38.66 2.34 -5.52	36.93 2.38 -2.32	31.12 1.79 0.00	28.98 1.79 -0.13	25.93 1.61 0.00	23.39 1.47 0.00
LOVETT___5 23593	20.87 1.05 0.00	19.46 1.00 0.00	17.97 0.82 0.00	17.41 0.83 0.00	17.52 0.82 0.00	18.92 0.88 0.00	21.92 1.26 0.00	23.39 1.41 0.00	24.43 1.49 0.00	23.43 1.45 0.00	23.18 1.54 0.00	23.42 1.65 0.00	23.76 1.66 0.00	25.86 1.92 0.00	27.28 2.04 0.00	28.02 2.15 0.00	31.96 2.55 -0.09	37.21 2.60 -2.92	38.66 2.34 -5.52	36.93 2.38 -2.32	31.12 1.79 0.00	28.98 1.79 -0.13	25.93 1.61 0.00	23.39 1.47 0.00
LOWER_RAQUET___HYD 24057	19.72 -0.10 0.00	18.29 -0.17 0.00	17.08 -0.07 0.00	16.50 -0.08 0.00	16.62 -0.08 0.00	17.88 -0.16 0.00	20.52 -0.14 0.00	21.92 -0.07 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.53 -0.11 0.00	21.57 -0.20 0.00	21.88 -0.22 0.00	23.54 -0.41 0.00	24.83 -0.40 0.00	25.25 -0.62 0.00	28.21 -1.11 0.00	30.46 -1.24 0.00	29.75 -1.05 0.00	31.36 -0.87 0.00	28.51 -0.82 0.00	26.39 -0.68 0.00	23.88 -0.44 0.00	21.62 -0.31 0.00
LOWER___HUDSON 24059	20.81 0.99 0.00	19.42 0.96 0.00	17.97 0.82 0.00	17.41 0.83 0.00	17.53 0.83 0.00	18.98 0.94 0.00	22.57 1.14 -0.77	28.30 1.14 -5.17	28.39 1.17 -4.29	25.22 1.08 -2.15	22.68 1.04 0.00	22.86 1.09 0.00	25.73 1.17 -2.46	29.00 1.32 -3.74	27.75 1.39 -1.13	27.27 1.40 0.00	30.88 1.67 0.11	44.35 1.81 -10.85	47.09 1.72 -14.56	40.10 1.67 -6.20	30.80 1.47 0.00	28.88 1.46 -0.35	25.58 1.26 0.00	23.07 1.14 0.00
LOWVILLE_115KV_TB2 356335	20.17 0.36 0.00	18.75 0.30 0.00	17.41 0.26 0.00	16.86 0.28 0.00	17.00 0.30 0.00	18.36 0.32 0.00	21.10 0.43 0.00	22.44 0.46 0.00	23.35 0.41 0.00	22.29 0.31 0.00	21.86 0.22 0.00	21.96 0.20 0.00	22.30 0.20 0.00	24.07 0.12 0.00	25.49 0.25 0.00	26.05 0.18 0.00	29.53 0.21 0.00	32.08 0.38 0.00	31.32 0.52 0.00	32.97 0.74 0.00	30.10 0.76 0.00	27.74 0.68 0.00	24.81 0.49 0.00	22.36 0.44 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.16 1.35 0.00	19.75 1.29 0.00	18.28 1.13 0.00	17.74 1.16 0.00	17.84 1.14 0.00	19.27 1.23 0.00	22.49 1.49 -0.34	25.76 1.52 -2.26	26.37 1.56 -1.87	24.40 1.47 -0.94	23.02 1.38 0.00	23.20 1.44 0.00	24.66 1.48 -1.08	27.23 1.65 -1.63	27.45 1.72 -0.49	27.63 1.76 0.00	31.32 2.08 0.09	43.47 2.38 -9.39	49.03 2.34 -15.89	41.58 2.42 -6.94	31.47 2.14 0.00	29.57 2.11 -0.39	26.14 1.82 0.00	23.50 1.58 0.00
LUTHERNY_35_KV_BK2 355980	21.16 1.35 0.00	19.77 1.31 0.00	18.30 1.15 0.00	17.74 1.16 0.00	17.84 1.14 0.00	19.28 1.24 0.00	22.49 1.49 -0.34	25.78 1.54 -2.26	26.39 1.58 -1.87	24.40 1.47 -0.94	23.02 1.38 0.00	23.23 1.46 0.00	24.68 1.50 -1.08	27.23 1.65 -1.63	27.45 1.72 -0.49	27.63 1.76 0.00	31.35 2.11 0.09	43.50 2.41 -9.39	49.06 2.37 -15.89	41.62 2.45 -6.94	31.50 2.17 0.00	29.57 2.11 -0.39	26.14 1.82 0.00	23.53 1.60 0.00
LWR___OSWEGATCHIE_HYD 23850	19.93 0.12 0.00	18.51 0.06 0.00	17.23 0.09 0.00	16.66 0.08 0.00	16.80 0.10 0.00	18.13 0.09 0.00	20.79 0.12 0.00	22.16 0.18 0.00	23.10 0.16 0.00	22.12 0.13 0.00	21.68 0.04 0.00	21.77 0.00 0.00	22.08 -0.02 0.00	23.80 -0.14 0.00	25.14 -0.10 0.00	25.64 -0.23 0.00	28.80 -0.53 0.00	31.19 -0.51 0.00	30.49 -0.31 0.00	32.13 -0.10 0.00	29.30 -0.03 0.00	27.06 0.00 0.00	24.32 0.00 0.00	21.97 0.04 0.00
LYONS_FALL_HYD 23570	20.17 0.36 0.00	18.77 0.31 0.00	17.41 0.26 0.00	16.86 0.28 0.00	17.00 0.30 0.00	18.38 0.34 0.00	21.10 0.43 0.00	22.44 0.46 0.00	23.37 0.43 0.00	22.36 0.37 0.00	21.94 0.30 0.00	22.05 0.28 0.00	22.39 0.29 0.00	24.16 0.22 0.00	25.56 0.33 0.00	26.13 0.26 0.00	29.65 0.32 0.00	32.20 0.51 0.00	31.39 0.58 0.00	33.00 0.77 0.00	30.12 0.79 0.00	27.77 0.70 0.00	24.83 0.51 0.00	22.36 0.44 0.00
MADISON___COUNTY_LFGE 323628	20.27 0.46 0.00	18.87 0.41 0.00	17.47 0.33 0.00	16.90 0.32 0.00	17.03 0.33 0.00	18.46 0.41 0.00	21.18 0.52 0.00	22.53 0.55 0.00	23.49 0.55 0.00	22.49 0.51 0.00	22.12 0.48 0.00	22.25 0.48 0.00	22.59 0.49 0.00	24.38 0.43 0.00	25.74 0.50 0.00	26.34 0.47 0.00	29.94 0.62 0.00	32.49 0.79 0.00	31.63 0.83 0.00	33.16 0.93 0.00	30.30 0.97 0.00	27.88 0.81 0.00	24.95 0.63 0.00	22.47 0.55 0.00
MALONE___115KV_TB1 356076	20.01 0.20 0.00	18.57 0.11 0.00	17.27 0.12 0.00	16.66 0.08 0.00	16.73 0.03 0.00	18.04 0.00 0.00	20.62 -0.04 0.00	22.03 0.04 0.00	23.05 0.11 0.00	22.12 0.13 0.00	21.70 0.06 0.00	21.68 -0.09 0.00	21.95 -0.15 0.00	23.64 -0.31 0.00	24.83 -0.40 0.00	25.43 -0.44 0.00	28.56 -0.76 0.00	31.07 -0.63 0.00	30.37 -0.43 0.00	32.00 -0.23 0.00	29.04 -0.29 0.00	26.69 -0.38 0.00	24.00 -0.32 0.00	21.71 -0.22 0.00
MAPLEWOD_115KV_TB3 80458	20.79 0.97 0.00	19.44 0.98 0.00	17.99 0.84 0.00	17.44 0.86 0.00	17.53 0.83 0.00	18.94 0.90 0.00	21.27 1.05 0.45	20.05 1.06 2.99	21.56 1.10 2.48	21.73 0.99 1.24	22.61 0.97 0.00	22.79 1.02 0.00	21.76 1.08 1.42	23.01 1.22 2.16	25.90 1.31 0.65	27.22 1.35 0.00	30.88 1.64 0.08	36.97 1.71 -3.56	44.46 1.66 -12.00	39.54 1.77 -5.54	30.86 1.53 0.00	28.89 1.52 -0.31	25.63 1.31 0.00	23.09 1.16 0.00
MAPLE_RIDGE_WT_1 323574	19.48 -0.34 0.00	18.13 -0.33 0.00	16.87 -0.28 0.00	16.32 -0.27 0.00	16.42 -0.28 0.00	17.68 -0.36 0.00	20.25 -0.41 0.00	21.61 -0.37 0.00	22.57 -0.37 0.00	21.63 -0.35 0.00	21.25 -0.39 0.00	21.33 -0.44 0.00	21.59 -0.51 0.00	23.28 -0.67 0.00	24.48 -0.76 0.00	25.04 -0.83 0.00	28.42 -0.91 0.00	30.84 -0.85 0.00	30.09 -0.71 0.00	31.58 -0.64 0.00	28.66 -0.67 0.00	26.44 -0.62 0.00	23.76 -0.56 0.00	21.44 -0.48 0.00

MAPLE RIDGE_WT_2 323611	19.48 -0.34 0.00	18.13 -0.33 0.00	16.87 -0.28 0.00	16.32 -0.27 0.00	16.42 -0.28 0.00	17.68 -0.36 0.00	20.25 -0.41 0.00	21.61 -0.37 0.00	22.57 -0.37 0.00	21.63 -0.35 0.00	21.25 -0.39 0.00	21.33 -0.44 0.00	21.59 -0.51 0.00	23.28 -0.67 0.00	24.48 -0.76 0.00	25.04 -0.83 0.00	28.42 -0.91 0.00	30.84 -0.85 0.00	30.09 -0.71 0.00	31.58 -0.64 0.00	28.66 -0.67 0.00	26.44 -0.62 0.00	23.76 -0.56 0.00	21.44 -0.48 0.00
MARBLE RIVER_WT_PWR 323696	19.99 0.18 0.00	18.57 0.11 0.00	17.25 0.10 0.00	16.62 0.03 0.00	16.68 -0.02 0.00	17.91 -0.13 0.00	20.48 -0.19 0.00	21.85 -0.13 0.00	22.84 -0.09 0.00	21.94 -0.04 0.00	21.51 -0.13 0.00	21.51 -0.26 0.00	21.77 -0.33 0.00	23.40 -0.55 0.00	24.63 -0.61 0.00	25.20 -0.67 0.00	28.45 -0.88 0.00	30.94 -0.76 0.00	30.19 -0.62 0.00	31.84 -0.39 0.00	28.86 -0.47 0.00	26.50 -0.57 0.00	23.83 -0.49 0.00	21.55 -0.37 0.00
MARSHVLE_115KV_TB1 80742	21.36 1.55 0.00	19.90 1.44 0.00	18.42 1.27 0.00	17.86 1.28 0.00	17.99 1.29 0.00	19.50 1.46 0.00	22.38 1.71 0.00	23.76 1.78 0.00	24.65 1.72 0.00	23.54 1.56 0.00	23.09 1.45 0.00	23.20 1.44 0.00	23.54 1.44 0.00	25.50 1.56 0.00	26.95 1.72 0.00	27.76 1.89 0.00	31.50 2.23 0.05	41.08 2.57 -6.81	47.44 2.71 -13.93	41.29 2.90 -6.16	31.97 2.64 0.00	30.01 2.60 -0.35	26.44 2.12 0.00	23.75 1.82 0.00
MARSH_HILL_WT_PWR 323713	20.43 0.61 0.00	19.03 0.57 0.00	17.56 0.41 0.00	16.95 0.36 0.00	17.10 0.40 0.00	18.73 0.69 0.00	21.32 0.66 0.00	22.62 0.64 0.00	23.58 0.64 0.00	22.64 0.66 0.00	22.29 0.65 0.00	22.29 0.52 0.00	22.63 0.53 0.00	24.40 0.45 0.00	25.64 0.40 0.00	26.34 0.47 0.00	29.65 0.32 0.00	32.75 0.48 -0.58	32.49 0.52 -1.16	33.29 0.55 -0.52	30.48 1.14 0.00	27.85 0.76 -0.03	25.19 0.87 0.00	22.96 1.03 0.00
MCINTYRE_115KV_TB2 80467	19.84 0.02 0.00	18.40 -0.06 0.00	17.20 0.05 0.00	16.63 0.05 0.00	16.75 0.05 0.00	18.08 0.04 0.00	20.66 0.00 0.00	22.11 0.13 0.00	23.07 0.14 0.00	22.16 0.18 0.00	21.70 0.06 0.00	21.75 -0.02 0.00	22.08 -0.02 0.00	23.78 -0.17 0.00	25.03 -0.20 0.00	25.59 -0.28 0.00	28.71 -0.62 0.00	31.10 -0.60 0.00	30.43 -0.37 0.00	32.03 -0.19 0.00	29.13 -0.21 0.00	26.93 -0.14 0.00	24.22 -0.10 0.00	21.84 -0.09 0.00
MECO____69_KV_BK1 80468	21.68 1.86 0.00	20.23 1.77 0.00	18.71 1.56 0.00	18.17 1.59 0.00	18.29 1.59 0.00	19.81 1.77 0.00	22.76 2.07 -0.03	24.30 2.13 -0.19	25.20 2.11 -0.16	23.95 1.89 -0.08	23.37 1.73 0.00	23.42 1.65 0.00	23.85 1.66 -0.09	25.86 1.77 -0.14	27.32 2.04 -0.04	28.23 2.35 0.00	31.97 2.70 0.06	42.27 3.17 -7.40	49.02 3.36 -14.86	42.41 3.61 -6.58	32.62 3.29 0.00	30.55 3.11 -0.37	26.87 2.55 0.00	24.18 2.26 0.00
MENANDS__115KV_TB5 355628	20.43 0.61 0.00	19.14 0.68 0.00	17.73 0.58 0.00	17.21 0.63 0.00	17.30 0.60 0.00	18.67 0.63 0.00	21.00 0.70 0.36	20.31 0.75 2.42	21.68 0.76 2.01	21.63 0.66 1.01	22.29 0.65 0.00	22.46 0.70 0.00	21.70 0.75 1.15	23.06 0.86 1.75	25.64 0.93 0.53	26.83 0.96 0.00	30.42 1.17 0.08	36.79 1.17 -3.92	43.76 1.11 -11.85	38.85 1.19 -5.43	30.30 0.97 0.00	28.37 1.00 -0.31	25.17 0.85 0.00	22.69 0.77 0.00
MG INDUSTRY__DRP 24185	20.53 0.71 0.00	19.22 0.76 0.00	17.80 0.65 0.00	17.26 0.68 0.00	17.35 0.65 0.00	18.74 0.70 0.00	21.20 0.79 0.25	21.14 0.81 1.65	22.37 0.80 1.37	22.02 0.73 0.69	22.33 0.69 0.00	22.51 0.74 0.00	22.07 0.75 0.79	23.62 0.86 1.19	25.81 0.93 0.36	26.83 0.96 0.00	30.42 1.14 0.05	36.06 1.20 -3.15	40.97 1.14 -9.03	37.59 1.22 -4.13	30.39 1.06 0.00	28.35 1.06 -0.23	25.24 0.92 0.00	22.76 0.83 0.00
MID__OSWEGATCHIE_HYD 23849	19.93 0.12 0.00	18.51 0.06 0.00	17.23 0.09 0.00	16.66 0.08 0.00	16.80 0.10 0.00	18.13 0.09 0.00	20.79 0.12 0.00	22.16 0.18 0.00	23.10 0.16 0.00	22.12 0.13 0.00	21.68 0.04 0.00	21.77 0.00 0.00	22.08 -0.02 0.00	23.80 -0.14 0.00	25.14 -0.10 0.00	25.64 -0.23 0.00	28.80 -0.53 0.00	31.19 -0.51 0.00	30.49 -0.31 0.00	32.13 -0.10 0.00	29.30 -0.03 0.00	27.06 0.00 0.00	24.32 0.00 0.00	21.97 0.04 0.00
MID__RAQUETTE_HYD 23851	19.72 -0.10 0.00	18.29 -0.17 0.00	17.08 -0.07 0.00	16.50 -0.08 0.00	16.62 -0.08 0.00	17.91 -0.13 0.00	20.52 -0.14 0.00	21.94 -0.04 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.53 -0.11 0.00	21.57 -0.20 0.00	21.88 -0.22 0.00	23.59 -0.36 0.00	24.83 -0.40 0.00	25.28 -0.60 0.00	28.18 -1.14 0.00	30.43 -1.27 0.00	29.75 -1.05 0.00	31.36 -0.87 0.00	28.51 -0.82 0.00	26.39 -0.68 0.00	23.88 -0.44 0.00	21.62 -0.31 0.00
MILLIKEN__1 23584	20.31 0.50 0.00	18.90 0.44 0.00	17.49 0.34 0.00	16.88 0.30 0.00	17.02 0.32 0.00	18.49 0.45 0.00	21.20 0.54 0.00	22.51 0.53 0.00	23.46 0.53 0.00	22.42 0.44 0.00	22.01 0.37 0.00	22.09 0.33 0.00	22.45 0.35 0.00	24.28 0.34 0.00	25.64 0.40 0.00	26.34 0.47 0.00	29.91 0.59 0.00	33.01 0.73 -0.58	32.73 0.77 -1.16	33.58 0.84 -0.52	30.33 1.00 0.00	27.88 0.78 -0.03	25.00 0.68 0.00	22.54 0.61 0.00
MILLIKEN__2 23585	20.31 0.50 0.00	18.90 0.44 0.00	17.49 0.34 0.00	16.88 0.30 0.00	17.02 0.32 0.00	18.49 0.45 0.00	21.20 0.54 0.00	22.51 0.53 0.00	23.46 0.53 0.00	22.42 0.44 0.00	22.01 0.37 0.00	22.09 0.33 0.00	22.45 0.35 0.00	24.28 0.34 0.00	25.64 0.40 0.00	26.34 0.47 0.00	29.91 0.59 0.00	33.01 0.73 -0.58	32.73 0.77 -1.16	33.58 0.84 -0.52	30.33 1.00 0.00	27.88 0.78 -0.03	25.00 0.68 0.00	22.54 0.61 0.00
MILLIKEN__DIESEL 23629	20.31 0.50 0.00	18.90 0.44 0.00	17.49 0.34 0.00	16.88 0.30 0.00	17.02 0.32 0.00	18.49 0.45 0.00	21.20 0.54 0.00	22.51 0.53 0.00	23.46 0.53 0.00	22.42 0.44 0.00	22.01 0.37 0.00	22.09 0.33 0.00	22.45 0.35 0.00	24.28 0.34 0.00	25.64 0.40 0.00	26.34 0.47 0.00	29.91 0.59 0.00	33.01 0.73 -0.58	32.73 0.77 -1.16	33.58 0.84 -0.52	30.33 1.00 0.00	27.88 0.78 -0.03	25.00 0.68 0.00	22.54 0.61 0.00
MILLSEAT__LFGE 323607	20.25 0.44 0.00	18.79 0.33 0.00	17.34 0.19 0.00	16.75 0.17 0.00	16.87 0.17 0.00	18.49 0.45 0.00	20.87 0.21 0.00	22.14 0.15 0.00	23.10 0.16 0.00	22.20 0.22 0.00	21.86 0.22 0.00	21.81 0.04 0.00	22.10 0.00 0.00	23.75 -0.19 0.00	24.88 -0.35 0.00	25.57 -0.31 0.00	28.62 -0.70 0.00	31.48 -0.60 -0.39	31.21 -0.37 -0.78	31.96 -0.61 -0.35	29.63 0.29 0.00	26.98 -0.11 -0.02	24.54 0.22 0.00	22.39 0.46 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.95 1.13 0.00	19.51 1.05 0.00	18.04 0.89 0.00	17.48 0.90 0.00	17.57 0.87 0.00	18.98 0.94 0.00	21.98 1.32 0.00	23.45 1.47 0.00	24.49 1.56 0.00	23.50 1.52 0.00	23.24 1.60 0.00	23.47 1.70 0.00	23.80 1.70 0.00	25.93 1.99 0.00	27.36 2.12 0.00	28.10 2.22 0.00	32.06 2.64 -0.09	37.41 2.69 -3.02	38.96 2.46 -5.69	37.13 2.51 -2.39	31.21 1.88 0.00	29.07 1.87 -0.14	26.00 1.68 0.00	23.46 1.53 0.00

MILLWOOD_13_KV_LOAD 356217	20.99 1.17 0.00	19.55 1.09 0.00	18.06 0.91 0.00	17.51 0.93 0.00	17.60 0.90 0.00	19.00 0.96 0.00	22.01 1.34 0.00	23.48 1.49 0.00	24.54 1.61 0.00	23.52 1.54 0.00	23.26 1.62 0.00	23.49 1.72 0.00	23.82 1.72 0.00	25.96 2.01 0.00	27.41 2.17 0.00	28.12 2.25 0.00	32.12 2.70 -0.09	37.47 2.76 -3.02	39.02 2.53 -5.69	37.22 2.61 -2.39	31.30 1.97 0.00	29.15 1.95 -0.14	26.05 1.73 0.00	23.50 1.58 0.00
MODEL_CITY_ENERGY 24167	19.99 0.18 0.00	18.55 0.09 0.00	17.11 -0.03 0.00	16.52 -0.07 0.00	16.63 -0.07 0.00	18.24 0.20 0.00	20.56 -0.10 0.00	21.76 -0.22 0.00	22.71 -0.23 0.00	21.83 -0.15 0.00	21.55 -0.09 0.00	21.53 -0.24 0.00	21.81 -0.29 0.00	23.44 -0.50 0.00	24.53 -0.71 0.00	25.20 -0.67 0.00	28.12 -1.20 0.00	30.93 -1.17 -0.40	30.69 -0.92 -0.81	31.40 -1.19 -0.36	29.04 -0.29 0.00	26.47 -0.62 -0.02	24.15 -0.17 0.00	22.10 0.17 0.00
MODERN_LFGE_ 323580	19.99 0.18 0.00	18.55 0.09 0.00	17.11 -0.03 0.00	16.52 -0.07 0.00	16.63 -0.07 0.00	18.24 0.20 0.00	20.56 -0.10 0.00	21.76 -0.22 0.00	22.71 -0.23 0.00	21.83 -0.15 0.00	21.55 -0.09 0.00	21.53 -0.24 0.00	21.81 -0.29 0.00	23.44 -0.50 0.00	24.53 -0.71 0.00	25.20 -0.67 0.00	28.12 -1.20 0.00	30.93 -1.17 -0.40	30.69 -0.92 -0.81	31.40 -1.19 -0.36	29.04 -0.29 0.00	26.47 -0.62 -0.02	24.15 -0.17 0.00	22.10 0.17 0.00
MOHAWK_PAPER___DRP 24187	20.79 0.97 0.00	19.44 0.98 0.00	17.99 0.84 0.00	17.44 0.86 0.00	17.53 0.83 0.00	18.94 0.90 0.00	21.27 1.05 0.45	20.05 1.06 2.99	21.56 1.10 2.48	21.73 0.99 1.24	22.61 0.97 0.00	22.79 1.02 0.00	21.76 1.08 1.42	23.01 1.22 2.16	25.90 1.31 0.65	27.22 1.35 0.00	30.88 1.64 0.08	36.97 1.71 -3.56	44.46 1.66 -12.00	39.54 1.77 -5.54	30.86 1.53 0.00	28.89 1.52 -0.31	25.63 1.31 0.00	23.09 1.16 0.00
MOHICAN___35_KV_115KV_LD 80490	21.48 1.66 0.00	20.05 1.59 0.00	18.54 1.39 0.00	18.01 1.43 0.00	18.10 1.40 0.00	19.57 1.53 0.00	22.80 1.82 -0.31	26.00 1.91 -2.11	26.66 1.97 -1.75	24.71 1.85 -0.88	23.33 1.69 0.00	23.51 1.74 0.00	24.89 1.79 -1.00	27.43 1.96 -1.52	27.69 1.99 -0.46	27.86 1.99 0.00	31.61 2.38 0.09	43.99 2.98 -9.31	49.74 2.99 -15.95	42.33 3.13 -6.97	32.15 2.82 0.00	30.19 2.73 -0.39	26.65 2.33 0.00	23.90 1.97 0.00
MONGAUP___HYD 23641	20.81 0.99 0.00	19.38 0.92 0.00	17.89 0.74 0.00	17.29 0.71 0.00	17.42 0.72 0.00	18.89 0.85 0.00	21.78 1.11 0.00	23.17 1.19 0.00	24.17 1.24 0.00	23.17 1.19 0.00	22.83 1.19 0.00	23.03 1.26 0.00	23.38 1.28 0.00	25.48 1.53 0.00	26.90 1.67 0.00	27.61 1.73 0.00	31.51 2.11 -0.08	36.62 2.19 -2.74	38.03 2.03 -5.20	36.55 2.13 -2.19	31.06 1.73 0.00	28.81 1.62 -0.12	25.78 1.46 0.00	23.24 1.32 0.00
MONTAUK___DIESEL 23721	23.95 2.28 -1.85	21.68 2.05 -1.17	18.98 1.83 0.00	18.29 1.71 0.00	18.43 1.74 0.00	20.06 2.02 0.00	23.10 2.44 0.00	25.30 2.70 -0.61	26.46 2.87 -0.66	26.62 2.77 -1.87	25.99 2.94 -1.40	27.45 3.18 -2.51	31.22 3.16 -5.96	29.34 3.52 -1.87	33.13 3.91 -3.98	34.95 4.19 -4.88	39.55 5.01 -5.21	45.61 5.48 -8.42	50.29 5.54 -13.95	42.41 5.67 -4.51	34.64 4.52 -0.79	31.67 4.20 -0.41	29.27 3.79 -1.15	26.19 3.31 -0.95
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.81 0.99 0.00	19.29 0.83 0.00	17.78 0.63 0.00	17.01 0.43 0.00	17.27 0.57 0.00	18.98 0.94 0.00	21.55 0.89 0.00	22.95 0.97 0.00	23.99 1.05 0.00	23.10 1.12 0.00	22.70 1.06 0.00	22.57 0.81 0.00	23.01 0.91 0.00	24.67 0.72 0.00	25.99 0.76 0.00	26.52 0.65 0.00	29.68 0.35 0.00	32.29 0.10 -0.50	32.14 0.34 -1.00	33.09 0.42 -0.44	30.54 1.20 0.00	27.98 0.89 -0.03	25.39 1.07 0.00	23.26 1.34 0.00
MORTIMER_115KV_TB3 55949	20.13 0.32 0.00	18.66 0.20 0.00	17.23 0.09 0.00	16.53 -0.05 0.00	16.73 0.03 0.00	18.29 0.25 0.00	20.79 0.12 0.00	22.09 0.11 0.00	23.05 0.11 0.00	22.16 0.18 0.00	21.70 0.06 0.00	21.75 -0.02 0.00	22.10 0.00 0.00	23.85 -0.10 0.00	25.21 -0.03 0.00	25.74 -0.13 0.00	29.03 -0.29 0.00	31.73 -0.29 -0.32	31.33 -0.12 -0.65	32.16 -0.35 -0.29	29.66 0.32 0.00	27.11 0.03 -0.02	24.49 0.17 0.00	22.19 0.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.06 1.25 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.67 0.97 0.00	19.07 1.03 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.44 1.80 0.00	23.70 1.94 0.00	24.05 1.94 0.00	26.22 2.27 0.00	27.66 2.42 0.00	28.43 2.56 0.00	32.41 2.99 -0.09	37.78 3.04 -3.03	39.30 2.77 -5.73	37.50 2.87 -2.40	31.42 2.08 0.00	29.26 2.06 -0.14	26.24 1.92 0.00	23.66 1.73 0.00
MUNSVILLE_WIND_PWR 323609	21.12 1.31 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.61 1.03 0.00	17.75 1.05 0.00	19.32 1.28 0.00	22.17 1.51 0.00	23.61 1.63 0.00	24.47 1.54 0.00	22.82 0.84 0.00	22.33 0.69 0.00	22.42 0.65 0.00	22.72 0.62 0.00	24.50 0.55 0.00	25.82 0.58 0.00	27.01 1.14 0.00	30.70 1.38 0.00	34.73 1.93 -1.10	35.20 2.19 -2.21	35.85 2.64 -0.98	32.00 2.67 0.00	29.45 2.33 -0.06	26.15 1.82 0.00	23.55 1.62 0.00
N SALMON___HYD 24042	20.01 0.20 0.00	18.57 0.11 0.00	17.27 0.12 0.00	16.67 0.08 0.00	16.73 0.03 0.00	18.00 -0.04 0.00	20.62 -0.04 0.00	22.03 0.04 0.00	23.03 0.09 0.00	22.12 0.13 0.00	21.71 0.07 0.00	21.68 -0.09 0.00	21.95 -0.15 0.00	23.59 -0.36 0.00	24.86 -0.38 0.00	25.41 -0.46 0.00	28.59 -0.73 0.00	31.07 -0.63 0.00	30.34 -0.46 0.00	32.00 -0.22 0.00	29.04 -0.29 0.00	26.69 -0.38 0.00	24.00 -0.32 0.00	21.71 -0.22 0.00
N.AKRON___115KV_KNAPP 355671	20.37 0.55 0.00	18.83 0.37 0.00	17.35 0.21 0.00	16.58 0.00 0.00	16.83 0.13 0.00	18.49 0.45 0.00	20.89 0.23 0.00	22.14 0.15 0.00	23.10 0.16 0.00	22.20 0.22 0.00	21.73 0.09 0.00	21.70 -0.07 0.00	22.10 0.00 0.00	23.78 -0.17 0.00	25.08 -0.15 0.00	25.59 -0.28 0.00	28.77 -0.56 0.00	31.49 -0.60 -0.39	31.19 -0.40 -0.79	31.94 -0.64 -0.35	29.63 0.29 0.00	27.01 -0.08 -0.02	24.57 0.24 0.00	22.39 0.46 0.00
N.BELMOR_69_KV_BK1 55787	32.56 1.68 -11.06	27.02 1.57 -7.00	18.48 1.32 -0.01	17.83 1.24 0.00	17.98 1.27 -0.01	19.51 1.46 -0.01	22.55 1.88 -0.01	27.76 2.11 -3.67	29.11 2.20 -3.97	35.27 2.13 -11.15	32.13 2.19 -8.30	38.93 2.31 -14.86	59.78 2.21 -35.47	37.52 2.49 -11.08	51.63 2.70 -23.69	57.74 2.82 -29.05	63.10 3.31 -30.46	70.13 3.42 -35.01	47.86 3.11 -13.95	42.35 3.32 -6.81	36.55 2.64 -4.57	31.40 2.63 -1.71	32.57 2.46 -5.79	29.44 2.24 -5.28
N.E._GEN_SANDY PD 24062	20.79 0.97 0.00	19.40 0.94 0.00	17.95 0.81 0.00	17.36 0.78 0.00	17.50 0.80 0.00	18.96 0.92 0.00	21.89 1.09 -0.14	24.00 1.10 -0.92	24.82 1.12 -0.76	23.40 1.03 -0.38	22.70 1.06 0.00	22.90 1.13 0.00	23.73 1.19 -0.44	26.00 1.39 -0.66	26.90 1.46 -0.20	27.35 1.47 0.00	30.50 1.76 0.58	35.70 1.77 -2.23	37.90 1.60 -5.50	37.19 1.64 -3.32	30.68 1.35 0.00	28.63 1.38 -0.19	25.54 1.22 0.00	23.07 1.14 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.89 1.07 0.00	19.47 1.02 0.00	17.99 0.84 0.00	17.43 0.85 0.00	17.53 0.83 0.00	18.94 0.90 0.00	21.94 1.28 0.00	23.41 1.43 0.00	24.47 1.54 0.00	23.46 1.47 0.00	23.22 1.58 0.00	23.44 1.68 0.00	23.78 1.68 0.00	25.89 1.94 0.00	27.33 2.09 0.00	28.07 2.20 0.00	32.02 2.61 -0.09	37.27 2.66 -2.91	38.71 2.40 -5.51	36.99 2.45 -2.32	31.18 1.85 0.00	29.01 1.81 -0.13	25.95 1.63 0.00	23.42 1.49 0.00
N.QUEENS_27_KV_LOAD 356247	21.14 1.33 0.00	19.68 1.22 0.00	18.23 1.08 0.00	17.63 1.04 0.00	17.72 1.02 0.00	18.98 0.94 0.00	22.01 1.34 0.00	23.54 1.56 0.00	24.61 1.67 0.00	23.61 1.63 0.00	23.37 1.73 0.00	23.64 1.87 0.00	24.00 1.90 0.00	26.29 2.35 0.00	27.76 2.52 0.00	28.56 2.69 0.00	32.51 3.08 -0.10	37.88 3.14 -3.04	39.40 2.86 -5.74	37.60 2.96 -2.41	31.24 1.91 0.00	29.10 1.89 -0.14	26.44 2.12 0.00	23.83 1.91 0.00
N.TROY___115KV_TB1 355778	20.79 0.97 0.00	19.42 0.96 0.00	17.99 0.84 0.00	17.44 0.86 0.00	17.53 0.83 0.00	18.94 0.90 0.00	22.59 1.16 -0.77	28.32 1.17 -5.17	28.39 1.17 -4.29	25.24 1.10 -2.15	22.70 1.06 0.00	22.90 1.13 0.00	25.73 1.17 -2.46	29.00 1.32 -3.74	27.75 1.39 -1.13	27.27 1.40 0.00	30.88 1.67 0.11	44.35 1.81 -10.85	47.09 1.72 -14.56	40.10 1.68 -6.20	30.77 1.44 0.00	28.88 1.46 -0.35	25.58 1.26 0.00	23.07 1.14 0.00
NARROWS_GT1_1 24228	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT1_2 24229	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT1_3 24230	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT1_4 24231	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT1_5 24232	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT1_6 24233	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT1_7 24234	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT1_8 24235	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT2_1 24236	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT2_2 24237	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT2_3 24238	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT2_4 24239	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00

NARROWS_GT2_5 24240	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT2_6 24241	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT2_7 24242	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NARROWS_GT2_8 24243	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.73 0.91 0.00	19.44 0.98 0.00	17.94 0.79 0.00	17.41 0.83 0.00	17.53 0.83 0.00	18.91 0.87 0.00	21.54 1.12 0.24	21.54 1.17 1.61	22.79 1.19 1.33	22.32 1.01 0.67	22.42 0.78 0.00	22.57 0.81 0.00	22.33 0.99 0.77	23.91 1.13 1.16	26.10 1.21 0.35	26.96 1.09 0.00	30.85 1.55 0.03	36.20 1.49 -3.01	40.86 1.45 -8.61	37.73 1.58 -3.92	30.83 1.50 0.00	28.67 1.38 -0.22	25.58 1.26 0.00	23.02 1.10 0.00
NCHELSEA_115KV_TR2 355582	21.00 1.19 0.00	19.60 1.14 0.00	18.07 0.93 0.00	17.51 0.93 0.00	17.62 0.92 0.00	19.01 0.97 0.00	22.05 1.38 0.00	23.45 1.47 0.00	24.52 1.58 0.00	23.48 1.49 0.00	23.20 1.56 0.00	23.40 1.63 0.00	23.76 1.66 0.00	25.86 1.92 0.00	27.31 2.07 0.00	28.02 2.15 0.00	32.01 2.61 -0.07	37.41 2.73 -2.98	38.97 2.46 -5.71	37.20 2.55 -2.42	31.30 1.97 0.00	29.15 1.95 -0.14	26.05 1.73 0.00	23.50 1.58 0.00
NEG CAPITAL___MECHNVIL 23645	21.14 1.33 0.00	19.73 1.27 0.00	18.26 1.11 0.00	17.69 1.11 0.00	17.80 1.10 0.00	19.28 1.24 0.00	22.57 1.45 -0.46	26.59 1.52 -3.09	27.06 1.56 -2.56	24.72 1.45 -1.29	23.00 1.36 0.00	23.18 1.41 0.00	25.05 1.48 -1.47	27.83 1.65 -2.23	27.65 1.74 -0.68	27.66 1.78 0.00	31.37 2.14 0.10	43.93 2.41 -9.82	48.72 2.37 -15.55	41.39 2.42 -6.75	31.47 2.14 0.00	29.53 2.08 -0.38	26.12 1.80 0.00	23.48 1.56 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.62 -0.20 0.00	18.26 -0.20 0.00	16.86 -0.29 0.00	16.30 -0.28 0.00	16.42 -0.28 0.00	17.90 -0.14 0.00	20.39 -0.27 0.00	21.70 -0.29 0.00	22.64 -0.30 0.00	21.74 -0.24 0.00	21.38 -0.26 0.00	21.42 -0.35 0.00	21.70 -0.40 0.00	23.44 -0.50 0.00	24.68 -0.56 0.00	25.33 -0.54 0.00	28.56 -0.76 0.00	31.31 -0.70 -0.31	30.90 -0.52 -0.63	31.80 -0.71 -0.28	29.16 -0.17 0.00	26.68 -0.41 -0.02	24.08 -0.24 0.00	21.75 -0.18 0.00
NEG CENTRAL___DRP 24199	20.09 0.28 0.00	18.70 0.24 0.00	17.29 0.14 0.00	16.65 0.07 0.00	16.82 0.12 0.00	18.31 0.27 0.00	20.95 0.29 0.00	22.27 0.29 0.00	23.21 0.28 0.00	22.25 0.26 0.00	21.86 0.22 0.00	21.92 0.15 0.00	22.28 0.18 0.00	24.09 0.14 0.00	25.44 0.20 0.00	26.05 0.18 0.00	29.56 0.23 0.00	32.33 0.29 -0.35	31.81 0.31 -0.70	32.79 0.26 -0.31	29.92 0.59 0.00	27.46 0.38 -0.02	24.68 0.36 0.00	22.28 0.35 0.00
NEG CENTRAL___INDECK 23768	20.69 0.87 0.00	19.23 0.78 0.00	17.75 0.60 0.00	17.13 0.55 0.00	17.27 0.57 0.00	18.89 0.85 0.00	21.40 0.74 0.00	22.64 0.66 0.00	23.48 0.55 0.00	22.49 0.51 0.00	22.14 0.50 0.00	22.09 0.33 0.00	22.43 0.33 0.00	24.16 0.22 0.00	25.41 0.18 0.00	26.31 0.44 0.00	29.59 0.26 0.00	32.58 0.41 -0.47	32.28 0.52 -0.96	33.26 0.61 -0.42	30.68 1.35 0.00	28.04 0.95 -0.02	25.39 1.07 0.00	23.02 1.10 0.00
NEG CENTRAL___SENECA 23627	20.23 0.42 0.00	18.79 0.33 0.00	17.35 0.21 0.00	16.70 0.12 0.00	16.88 0.18 0.00	18.42 0.38 0.00	21.08 0.41 0.00	22.40 0.42 0.00	23.35 0.41 0.00	22.38 0.40 0.00	21.96 0.32 0.00	22.03 0.26 0.00	22.37 0.27 0.00	24.16 0.22 0.00	25.54 0.30 0.00	26.16 0.28 0.00	29.65 0.32 0.00	32.47 0.38 -0.39	32.02 0.43 -0.78	32.96 0.39 -0.35	30.12 0.79 0.00	27.60 0.51 -0.02	24.83 0.51 0.00	22.45 0.53 0.00
NEG CENTRAL___STATE_STREET 24147	20.17 0.36 0.00	18.79 0.33 0.00	17.39 0.24 0.00	16.80 0.22 0.00	16.93 0.23 0.00	18.40 0.36 0.00	21.10 0.43 0.00	22.40 0.42 0.00	23.37 0.44 0.00	22.40 0.42 0.00	22.01 0.37 0.00	22.09 0.33 0.00	22.45 0.35 0.00	24.26 0.31 0.00	25.61 0.38 0.00	26.31 0.44 0.00	29.82 0.50 0.00	32.61 0.57 -0.34	32.10 0.62 -0.68	33.14 0.61 -0.30	30.15 0.82 0.00	27.70 0.62 -0.02	24.86 0.54 0.00	22.39 0.46 0.00
NEG MILLWOOD___DRP 24198	21.06 1.25 0.00	19.64 1.18 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.65 0.95 0.00	19.03 0.99 0.00	22.07 1.41 0.00	23.50 1.52 0.00	24.59 1.65 0.00	23.54 1.56 0.00	23.26 1.62 0.00	23.47 1.70 0.00	23.82 1.72 0.00	25.93 1.99 0.00	27.38 2.15 0.00	28.10 2.22 0.00	32.14 2.73 -0.08	37.59 2.85 -3.03	39.19 2.62 -5.77	37.40 2.74 -2.44	31.44 2.11 0.00	29.29 2.08 -0.14	26.07 1.75 0.00	23.57 1.64 0.00
NEG NORTH_FLCN_SEA 23793	20.17 0.36 0.00	18.72 0.26 0.00	17.39 0.24 0.00	16.73 0.15 0.00	16.82 0.12 0.00	18.09 0.05 0.00	20.66 0.00 0.00	22.05 0.07 0.00	23.07 0.14 0.00	22.16 0.18 0.00	21.73 0.09 0.00	21.70 -0.07 0.00	21.95 -0.15 0.00	23.64 -0.31 0.00	24.83 -0.40 0.00	25.48 -0.39 0.00	28.68 -0.65 0.00	31.22 -0.48 0.00	30.52 -0.28 0.00	32.19 -0.03 0.00	29.19 -0.15 0.00	26.77 -0.30 0.00	24.05 -0.27 0.00	21.75 -0.18 0.00
NEG NORTH_KES_CHATEGAY 23792	19.99 0.18 0.00	18.55 0.09 0.00	17.23 0.09 0.00	16.62 0.03 0.00	16.68 -0.02 0.00	17.95 -0.09 0.00	20.48 -0.19 0.00	21.85 -0.13 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.51 -0.13 0.00	21.51 -0.26 0.00	21.75 -0.35 0.00	23.42 -0.53 0.00	24.61 -0.63 0.00	25.23 -0.65 0.00	28.45 -0.88 0.00	30.94 -0.76 0.00	30.25 -0.55 0.00	31.87 -0.35 0.00	28.92 -0.41 0.00	26.55 -0.51 0.00	23.86 -0.46 0.00	21.57 -0.35 0.00

NEG NORTH___ALICE_FALLS 23915	20.17 0.36 0.00	18.72 0.26 0.00	17.37 0.22 0.00	16.73 0.15 0.00	16.80 0.10 0.00	18.11 0.07 0.00	20.66 0.00 0.00	22.05 0.07 0.00	23.07 0.14 0.00	22.18 0.20 0.00	21.73 0.09 0.00	21.72 -0.04 0.00	21.99 -0.11 0.00	23.64 -0.31 0.00	24.83 -0.40 0.00	25.48 -0.39 0.00	28.68 -0.65 0.00	31.26 -0.44 0.00	30.59 -0.22 0.00	32.23 0.00 0.00	29.22 -0.12 0.00	26.79 -0.27 0.00	24.08 -0.24 0.00	21.75 -0.18 0.00
NEG NORTH___LWR_SARANAC 23913	20.17 0.36 0.00	18.72 0.26 0.00	17.37 0.22 0.00	16.73 0.15 0.00	16.80 0.10 0.00	18.11 0.07 0.00	20.66 0.00 0.00	22.05 0.07 0.00	23.07 0.14 0.00	22.18 0.20 0.00	21.73 0.09 0.00	21.72 -0.04 0.00	21.99 -0.11 0.00	23.64 -0.31 0.00	24.83 -0.40 0.00	25.48 -0.39 0.00	28.68 -0.65 0.00	31.26 -0.44 0.00	30.59 -0.22 0.00	32.23 0.00 0.00	29.22 -0.12 0.00	26.79 -0.27 0.00	24.08 -0.24 0.00	21.75 -0.18 0.00
NEG NORTH___PLATTSBURG 23628	20.17 0.36 0.00	18.72 0.26 0.00	17.37 0.22 0.00	16.73 0.15 0.00	16.80 0.10 0.00	18.06 0.02 0.00	20.66 0.00 0.00	22.05 0.07 0.00	23.07 0.14 0.00	22.18 0.20 0.00	21.73 0.09 0.00	21.72 -0.04 0.00	21.99 -0.11 0.00	23.61 -0.34 0.00	24.83 -0.40 0.00	25.43 -0.44 0.00	28.71 -0.62 0.00	31.29 -0.41 0.00	30.55 -0.25 0.00	32.23 0.00 0.00	29.22 -0.12 0.00	26.79 -0.27 0.00	24.08 -0.24 0.00	21.75 -0.18 0.00
NEG WEST_LEA_LOCKPORT 23791	20.13 0.32 0.00	18.61 0.15 0.00	17.15 0.00 0.00	16.35 -0.23 0.00	16.62 -0.08 0.00	18.26 0.22 0.00	20.60 -0.06 0.00	21.78 -0.20 0.00	22.73 -0.21 0.00	21.85 -0.13 0.00	21.42 -0.22 0.00	21.42 -0.35 0.00	21.84 -0.27 0.00	23.47 -0.48 0.00	24.76 -0.48 0.00	25.25 -0.62 0.00	28.33 -1.00 0.00	30.97 -1.14 -0.41	30.67 -0.95 -0.82	31.37 -1.22 -0.37	29.07 -0.26 0.00	26.52 -0.57 -0.02	24.18 -0.15 0.00	22.12 0.20 0.00
NEG WEST___LANCASTR 23811	20.31 0.50 0.00	18.81 0.35 0.00	17.34 0.19 0.00	16.57 -0.02 0.00	16.80 0.10 0.00	18.44 0.40 0.00	20.93 0.27 0.00	22.07 0.09 0.00	23.03 0.09 0.00	22.16 0.18 0.00	21.77 0.13 0.00	21.77 0.00 0.00	22.17 0.07 0.00	23.83 -0.12 0.00	25.19 -0.05 0.00	25.72 -0.16 0.00	28.86 -0.47 0.00	31.65 -0.54 -0.49	31.23 -0.55 -0.98	31.92 -0.74 -0.44	29.42 0.09 0.00	26.90 -0.19 -0.03	24.39 0.07 0.00	22.45 0.53 0.00
NEG_PENN_ALLEGHNY 23528	20.29 0.47 0.00	18.88 0.42 0.00	17.47 0.33 0.00	16.88 0.30 0.00	17.00 0.30 0.00	18.49 0.45 0.00	21.16 0.50 0.00	22.49 0.51 0.00	23.46 0.53 0.00	22.49 0.51 0.00	22.16 0.52 0.00	22.23 0.46 0.00	22.57 0.46 0.00	24.45 0.50 0.00	25.74 0.50 0.00	26.44 0.57 0.00	29.88 0.56 0.00	33.28 0.63 -0.95	33.30 0.58 -1.91	33.66 0.58 -0.85	30.09 0.76 0.00	27.71 0.59 -0.05	24.88 0.56 0.00	22.54 0.61 0.00
NEG___GEN_MONROE 24207	20.25 0.44 0.00	18.79 0.33 0.00	17.34 0.19 0.00	16.63 0.05 0.00	16.82 0.12 0.00	18.40 0.36 0.00	20.89 0.23 0.00	22.18 0.20 0.00	23.12 0.18 0.00	22.23 0.24 0.00	21.75 0.11 0.00	21.75 -0.02 0.00	22.14 0.04 0.00	23.88 -0.07 0.00	25.21 -0.03 0.00	25.72 -0.16 0.00	28.97 -0.35 0.00	31.68 -0.35 -0.32	31.36 -0.09 -0.65	32.16 -0.35 -0.29	29.68 0.35 0.00	27.16 0.08 -0.02	24.51 0.19 0.00	22.28 0.35 0.00
NEPA___ENERGY 23901	20.61 0.79 0.00	19.09 0.63 0.00	17.59 0.45 0.00	16.85 0.27 0.00	17.07 0.37 0.00	18.74 0.70 0.00	21.28 0.62 0.00	22.58 0.59 0.00	23.58 0.64 0.00	22.71 0.73 0.00	22.31 0.67 0.00	22.29 0.52 0.00	22.68 0.57 0.00	24.38 0.43 0.00	25.74 0.50 0.00	26.29 0.41 0.00	29.50 0.18 0.00	32.30 0.10 -0.50	31.84 0.03 -1.01	32.61 -0.06 -0.45	30.04 0.70 0.00	27.50 0.41 -0.03	24.93 0.61 0.00	22.82 0.90 0.00
NEVERSINK___HYD 23608	20.55 0.73 0.00	19.14 0.68 0.00	17.65 0.50 0.00	17.06 0.48 0.00	17.17 0.47 0.00	18.63 0.59 0.00	21.53 0.87 0.00	22.93 0.94 0.00	23.94 1.01 0.00	22.95 0.97 0.00	22.64 1.00 0.00	22.83 1.07 0.00	23.23 1.13 0.00	25.31 1.36 0.00	26.70 1.46 0.00	27.37 1.50 0.00	31.22 1.85 -0.05	36.31 1.90 -2.71	37.80 1.75 -5.25	36.32 1.84 -2.26	30.74 1.41 0.00	28.52 1.33 -0.13	25.46 1.14 0.00	22.98 1.05 0.00
NEWKRMKL_115KV_TB1 55635	20.35 0.54 0.00	19.07 0.61 0.00	17.66 0.51 0.00	17.13 0.55 0.00	17.23 0.53 0.00	18.60 0.56 0.00	20.95 0.62 0.33	20.42 0.66 2.22	21.76 0.67 1.84	21.63 0.57 0.92	22.18 0.54 0.00	22.38 0.61 0.00	21.68 0.64 1.06	23.11 0.77 1.60	25.56 0.81 0.49	26.73 0.85 0.00	30.31 1.06 0.07	36.62 1.05 -3.88	43.23 0.99 -11.44	38.50 1.03 -5.24	30.15 0.82 0.00	28.23 0.87 -0.30	25.07 0.75 0.00	22.58 0.66 0.00
NEWTON___FALLS_HYD 23847	19.93 0.12 0.00	18.51 0.06 0.00	17.23 0.09 0.00	16.66 0.08 0.00	16.80 0.10 0.00	18.13 0.09 0.00	20.79 0.12 0.00	22.16 0.18 0.00	23.10 0.16 0.00	22.12 0.13 0.00	21.68 0.04 0.00	21.77 0.00 0.00	22.08 -0.02 0.00	23.80 -0.14 0.00	25.14 -0.10 0.00	25.64 -0.23 0.00	28.80 -0.53 0.00	31.19 -0.51 0.00	30.49 -0.31 0.00	32.13 -0.10 0.00	29.30 -0.03 0.00	27.06 0.00 0.00	24.32 0.00 0.00	21.97 0.04 0.00
NGRID_A1_DSASP 323792	19.26 -0.55 0.00	18.02 -0.44 0.00	16.50 -0.65 0.00	15.92 -0.66 0.00	16.03 -0.67 0.00	17.57 -0.47 0.00	19.79 -0.85 0.02	20.89 -1.08 0.02	21.79 -1.12 0.02	20.97 -0.99 0.02	20.73 -0.89 0.02	20.70 -1.04 0.02	20.95 -1.13 0.02	22.54 -1.39 0.02	23.58 -1.64 0.02	24.25 -1.60 0.02	27.07 -2.23 0.02	29.77 -2.31 -0.39	29.54 -2.06 -0.80	30.22 -2.35 -0.34	27.87 -1.44 0.02	25.41 -1.65 0.00	23.18 -1.12 0.02	21.25 -0.66 0.02
NGRID_A2_DSASP 323793	19.26 -0.55 0.00	18.02 -0.44 0.00	16.50 -0.65 0.00	15.92 -0.66 0.00	16.03 -0.67 0.00	17.57 -0.47 0.00	19.79 -0.85 0.02	20.89 -1.08 0.02	21.79 -1.12 0.02	20.97 -0.99 0.02	20.73 -0.89 0.02	20.70 -1.04 0.02	20.95 -1.13 0.02	22.54 -1.39 0.02	23.58 -1.64 0.02	24.25 -1.60 0.02	27.07 -2.23 0.02	29.77 -2.31 -0.39	29.54 -2.06 -0.80	30.22 -2.35 -0.34	27.87 -1.44 0.02	25.41 -1.65 0.00	23.18 -1.12 0.02	21.25 -0.66 0.02
NGRID_A4_DSASP 323807	19.36 -0.46 0.00	17.91 -0.55 0.00	16.51 -0.63 0.00	15.74 -0.85 0.00	15.98 -0.72 0.00	17.55 -0.49 0.00	19.79 -0.85 0.02	20.88 -1.08 0.02	21.81 -1.10 0.02	20.97 -0.99 0.02	20.58 -1.04 0.02	20.57 -1.18 0.02	20.95 -1.13 0.02	22.56 -1.36 0.02	23.78 -1.44 0.02	24.27 -1.58 0.02	27.25 -2.05 0.02	29.81 -2.28 -0.39	29.51 -2.09 -0.81	30.19 -2.38 -0.34	27.93 -1.38 0.02	25.47 -1.60 0.00	23.20 -1.09 0.02	21.23 -0.68 0.02
NIAGARA_115E_LBMP 323715	19.66 -0.16 0.00	18.20 -0.26 0.00	16.84 -0.31 0.00	16.25 -0.33 0.00	16.35 -0.35 0.00	17.93 -0.11 0.00	20.17 -0.50 0.00	21.28 -0.70 0.00	22.20 -0.73 0.00	21.37 -0.62 0.00	21.12 -0.52 0.00	21.09 -0.67 0.00	21.35 -0.75 0.00	22.96 -0.98 0.00	24.03 -1.21 0.00	24.68 -1.19 0.00	27.51 -1.82 0.00	30.25 -1.87 -0.42	30.01 -1.63 -0.84	30.70 -1.90 -0.37	28.37 -0.97 0.00	25.84 -1.24 -0.02	23.64 -0.68 0.00	21.66 -0.26 0.00

NIAGARA_115W_LBMP 323714	19.16 -0.65 0.00	17.94 -0.52 0.00	16.43 -0.72 0.00	15.84 -0.75 0.00	15.95 -0.75 0.00	17.48 -0.56 0.00	19.69 -0.95 0.02	20.77 -1.19 0.02	21.68 -1.24 0.02	20.86 -1.10 0.02	20.62 -1.00 0.02	20.59 -1.15 0.02	20.84 -1.24 0.02	22.44 -1.48 0.02	23.45 -1.77 0.02	24.14 -1.71 0.02	26.96 -2.35 0.02	29.64 -2.44 -0.39	29.41 -2.19 -0.80	30.09 -2.48 -0.34	27.76 -1.56 0.02	25.31 -1.76 0.00	23.08 -1.22 0.02	21.14 -0.77 0.02
NIAGARA_230_LBMP 323716	19.82 0.00 0.00	18.40 -0.06 0.00	16.98 -0.17 0.00	16.38 -0.20 0.00	16.50 -0.20 0.00	18.08 0.04 0.00	20.39 -0.27 0.00	21.52 -0.46 0.00	22.45 -0.48 0.00	21.61 -0.37 0.00	21.34 -0.30 0.00	21.33 -0.44 0.00	21.59 -0.51 0.00	23.23 -0.72 0.00	24.33 -0.91 0.00	24.96 -0.91 0.00	27.86 -1.47 0.00	30.58 -1.52 -0.41	30.39 -1.23 -0.82	31.01 -1.58 -0.36	28.66 -0.67 0.00	26.11 -0.97 -0.02	23.86 -0.46 0.00	21.88 -0.04 0.00
NIAGARA__115KV_198_GIBSON 55903	19.28 -0.54 0.00	17.81 -0.65 0.00	16.43 -0.72 0.00	15.65 -0.93 0.00	15.90 -0.80 0.00	17.48 -0.56 0.00	19.71 -0.93 0.02	20.77 -1.19 0.02	21.70 -1.22 0.02	20.86 -1.10 0.02	20.47 -1.15 0.02	20.46 -1.28 0.02	20.86 -1.22 0.02	22.44 -1.48 0.02	23.68 -1.54 0.02	24.17 -1.68 0.02	27.10 -2.20 0.02	29.68 -2.41 -0.39	29.39 -2.22 -0.81	30.06 -2.51 -0.34	27.79 -1.53 0.02	25.36 -1.71 0.00	23.08 -1.22 0.02	21.14 -0.77 0.02
NIAGARA____ 23760	19.40 -0.42 0.00	18.09 -0.37 0.00	16.62 -0.53 0.00	16.04 -0.55 0.00	16.15 -0.55 0.00	17.70 -0.34 0.00	19.99 -0.66 0.01	21.23 -0.75 0.01	22.15 -0.78 0.01	21.32 -0.66 0.01	21.05 -0.58 0.01	21.02 -0.74 0.01	21.30 -0.79 0.01	22.94 -1.00 0.01	23.99 -1.24 0.01	24.65 -1.22 0.01	27.53 -1.79 0.01	30.30 -1.81 -0.40	30.02 -1.60 -0.82	30.72 -1.87 -0.36	28.36 -0.97 0.01	25.84 -1.24 -0.02	23.53 -0.78 0.01	21.43 -0.48 0.01
NINE_MILE_1 23575	19.34 -0.48 0.00	18.02 -0.44 0.00	16.72 -0.43 0.00	16.15 -0.43 0.00	16.28 -0.42 0.00	17.63 -0.41 0.00	20.15 -0.52 0.00	21.39 -0.59 0.00	22.29 -0.64 0.00	21.39 -0.59 0.00	21.06 -0.58 0.00	21.16 -0.61 0.00	21.48 -0.62 0.00	23.25 -0.70 0.00	24.50 -0.73 0.00	25.12 -0.75 0.00	28.45 -0.88 0.00	30.78 -0.92 0.00	29.94 -0.86 0.00	31.29 -0.94 0.00	28.60 -0.73 0.00	26.34 -0.73 0.00	23.69 -0.63 0.00	21.36 -0.57 0.00
NINE_MILE_2 23744	19.34 -0.48 0.00	18.02 -0.44 0.00	16.72 -0.43 0.00	16.15 -0.43 0.00	16.28 -0.42 0.00	17.63 -0.41 0.00	20.17 -0.50 0.00	21.39 -0.59 0.00	22.29 -0.64 0.00	21.39 -0.59 0.00	21.06 -0.58 0.00	21.16 -0.61 0.00	21.48 -0.62 0.00	23.25 -0.70 0.00	24.50 -0.73 0.00	25.12 -0.75 0.00	28.45 -0.88 0.00	30.78 -0.92 0.00	29.94 -0.86 0.00	31.29 -0.94 0.00	28.60 -0.73 0.00	26.34 -0.73 0.00	23.69 -0.63 0.00	21.36 -0.57 0.00
NM_CAPITAL____DRP 24208	20.41 0.59 0.00	19.12 0.66 0.00	17.71 0.57 0.00	17.18 0.60 0.00	17.27 0.57 0.00	18.65 0.61 0.00	20.92 0.68 0.42	19.85 0.70 2.84	21.30 0.71 2.35	21.44 0.64 1.18	22.25 0.61 0.00	22.44 0.67 0.00	21.46 0.71 1.35	22.74 0.84 2.05	25.50 0.88 0.62	26.80 0.93 0.00	30.36 1.11 0.08	36.14 1.14 -3.30	43.08 1.05 -11.23	38.55 1.13 -5.19	30.24 0.91 0.00	28.31 0.95 -0.29	25.15 0.83 0.00	22.65 0.72 0.00
NM_CENTRAL____DRP 24181	19.76 -0.06 0.00	18.40 -0.06 0.00	17.05 -0.10 0.00	16.45 -0.13 0.00	16.58 -0.12 0.00	17.99 -0.05 0.00	20.58 -0.08 0.00	21.85 -0.13 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.57 -0.06 0.00	21.68 -0.09 0.00	22.03 -0.07 0.00	23.85 -0.10 0.00	25.16 -0.08 0.00	25.82 -0.05 0.00	29.24 -0.09 0.00	31.69 -0.22 -0.22	31.02 -0.22 -0.44	32.19 -0.23 -0.19	29.33 0.00 0.00	26.99 -0.08 -0.01	24.25 -0.07 0.00	21.86 -0.07 0.00
NM_FRONTIER____DRP 24179	19.28 -0.54 0.00	17.81 -0.65 0.00	16.43 -0.72 0.00	15.65 -0.93 0.00	15.90 -0.80 0.00	17.48 -0.56 0.00	19.71 -0.93 0.02	20.77 -1.19 0.02	21.70 -1.22 0.02	20.86 -1.10 0.02	20.47 -1.15 0.02	20.46 -1.28 0.02	20.86 -1.22 0.02	22.44 -1.48 0.02	23.68 -1.54 0.02	24.17 -1.68 0.02	27.10 -2.20 0.02	29.68 -2.41 -0.39	29.39 -2.22 -0.81	30.06 -2.51 -0.34	27.79 -1.53 0.02	25.36 -1.71 0.00	23.08 -1.22 0.02	21.14 -0.77 0.02
NM_ST_REGIS____HYD 24053	19.78 -0.04 0.00	18.35 -0.11 0.00	17.11 -0.03 0.00	16.53 -0.05 0.00	16.65 -0.05 0.00	17.93 -0.11 0.00	20.54 -0.12 0.00	21.94 -0.04 0.00	22.91 -0.02 0.00	21.98 0.00 0.00	21.55 -0.09 0.00	21.59 -0.17 0.00	21.88 -0.22 0.00	23.59 -0.36 0.00	24.81 -0.43 0.00	25.30 -0.57 0.00	28.27 -1.06 0.00	30.56 -1.14 0.00	29.88 -0.92 0.00	31.49 -0.74 0.00	28.63 -0.70 0.00	26.44 -0.62 0.00	23.91 -0.41 0.00	21.62 -0.31 0.00
NORTHPORT____1 23551	23.07 1.70 -1.55	20.99 1.55 -0.98	18.50 1.35 0.00	17.84 1.26 0.00	18.00 1.30 0.00	19.55 1.52 0.00	22.56 1.90 0.00	24.54 2.04 -0.51	25.64 2.16 -0.55	25.68 2.13 -1.57	24.92 2.10 -1.18	26.11 2.24 -2.10	29.20 2.10 -5.00	28.11 2.59 -1.57	31.20 2.62 -3.34	32.68 2.72 -4.09	36.94 3.23 -4.39	42.49 3.23 -7.55	47.70 2.96 -13.94	39.65 3.00 -4.42	32.60 2.61 -0.66	29.70 2.27 -0.37	27.71 2.38 -1.00	24.97 2.24 -0.81
NORTHPORT____2 23552	23.07 1.70 -1.55	20.99 1.55 -0.98	18.50 1.35 0.00	17.84 1.26 0.00	18.00 1.30 0.00	19.55 1.52 0.00	22.56 1.90 0.00	24.54 2.04 -0.51	25.64 2.16 -0.55	25.68 2.13 -1.57	24.92 2.10 -1.18	26.11 2.24 -2.10	29.20 2.10 -5.00	28.11 2.59 -1.57	31.20 2.62 -3.34	32.68 2.72 -4.09	36.94 3.23 -4.39	42.49 3.23 -7.55	47.70 2.96 -13.94	39.65 3.00 -4.42	32.60 2.61 -0.66	29.70 2.27 -0.37	27.71 2.38 -1.00	24.97 2.24 -0.81
NORTHPORT____3 23553	23.04 1.72 -1.50	20.99 1.59 -0.94	18.52 1.37 0.00	17.86 1.28 0.00	18.03 1.34 0.00	19.57 1.53 0.00	22.60 1.94 0.00	24.58 2.11 -0.49	25.69 2.22 -0.53	25.67 2.18 -1.51	24.94 2.16 -1.14	26.08 2.28 -2.03	29.24 2.32 -4.82	28.22 2.75 -1.51	31.33 2.88 -3.22	32.79 2.97 -3.95	37.05 3.49 -4.23	42.67 3.58 -7.39	47.97 3.23 -13.93	39.92 3.29 -4.40	32.81 2.84 -0.63	29.91 2.49 -0.36	27.75 2.46 -0.97	24.94 2.24 -0.78
NORTHPORT____4 23650	23.04 1.72 -1.50	20.99 1.59 -0.94	18.52 1.37 0.00	17.86 1.28 0.00	18.03 1.34 0.00	19.57 1.53 0.00	22.60 1.94 0.00	24.58 2.11 -0.49	25.69 2.22 -0.53	25.67 2.18 -1.51	24.94 2.16 -1.14	26.08 2.28 -2.03	29.24 2.32 -4.82	28.22 2.75 -1.51	31.33 2.88 -3.22	32.79 2.97 -3.95	37.05 3.49 -4.23	42.67 3.58 -7.39	47.97 3.23 -13.93	39.92 3.29 -4.40	32.81 2.84 -0.63	29.91 2.49 -0.36	27.75 2.46 -0.97	24.94 2.24 -0.78
NORTHPORT____IC 23718	23.07 1.70 -1.55	20.99 1.55 -0.98	18.50 1.35 0.00	17.84 1.26 0.00	18.00 1.30 0.00	19.55 1.52 0.00	22.56 1.90 0.00	24.54 2.04 -0.51	25.64 2.16 -0.55	25.68 2.13 -1.57	24.92 2.10 -1.18	26.11 2.24 -2.10	29.20 2.10 -5.00	28.11 2.59 -1.57	31.20 2.62 -3.34	32.68 2.72 -4.09	36.94 3.23 -4.39	42.49 3.23 -7.55	47.70 2.96 -13.94	39.65 3.00 -4.42	32.60 2.61 -0.66	29.70 2.27 -0.37	27.71 2.38 -1.00	24.97 2.24 -0.81

NORTH____COUNTRY_ESR 323785	19.94 0.12 0.00	18.50 0.04 0.00	17.20 0.05 0.00	16.57 -0.02 0.00	16.65 -0.05 0.00	17.86 -0.18 0.00	20.41 -0.25 0.00	21.78 -0.20 0.00	22.80 -0.14 0.00	21.87 -0.11 0.00	21.47 -0.17 0.00	21.46 -0.30 0.00	21.72 -0.38 0.00	23.35 -0.60 0.00	24.58 -0.66 0.00	25.15 -0.72 0.00	28.39 -0.94 0.00	30.87 -0.82 0.00	30.12 -0.68 0.00	31.78 -0.45 0.00	28.81 -0.53 0.00	26.47 -0.60 0.00	23.78 -0.54 0.00	21.51 -0.42 0.00
NPX_GEN_1385_PROXY 323591	23.11 1.74 -1.55	21.03 1.59 -0.98	18.53 1.39 0.00	17.88 1.29 0.00	18.05 1.35 0.00	19.59 1.55 0.00	22.60 1.94 0.00	24.58 2.09 -0.51	25.69 2.20 -0.55	25.73 2.18 -1.57	24.96 2.14 -1.18	26.16 2.28 -2.10	29.24 2.14 -5.00	28.15 2.63 -1.57	31.22 2.65 -3.34	32.73 2.77 -4.09	37.00 3.28 -4.39	42.55 3.30 -7.55	47.76 3.02 -13.94	39.71 3.06 -4.42	32.66 2.67 -0.66	29.76 2.33 -0.37	27.75 2.43 -1.00	25.01 2.28 -0.81
NPX_GEN_CSC 323557	23.15 1.49 -1.85	20.96 1.33 -1.17	18.35 1.20 0.00	17.71 1.13 0.00	17.85 1.15 0.00	19.41 1.37 0.00	22.33 1.67 0.00	24.37 1.78 -0.61	25.45 1.86 -0.66	25.74 1.89 -1.86	24.94 1.90 -1.40	26.33 2.07 -2.50	30.05 2.01 -5.94	28.38 2.56 -1.87	31.78 2.58 -3.97	33.45 2.72 -4.86	37.83 3.31 -5.19	43.46 3.36 -8.40	48.05 3.30 -13.95	40.02 3.29 -4.51	32.93 2.82 -0.78	29.88 2.41 -0.41	27.88 2.41 -1.15	25.00 2.13 -0.95
NSINS_S_GLNS_FALLS 23858	21.50 1.68 0.00	20.08 1.62 0.00	18.57 1.42 0.00	18.04 1.46 0.00	18.14 1.44 0.00	19.59 1.55 0.00	22.80 1.84 -0.30	25.91 1.93 -2.00	26.61 2.02 -1.66	24.71 1.89 -0.83	23.35 1.71 0.00	23.53 1.76 0.00	24.89 1.83 -0.95	27.40 2.01 -1.44	27.69 2.02 -0.44	27.89 2.02 0.00	31.64 2.40 0.09	44.00 3.04 -9.25	49.85 3.05 -16.00	42.42 3.19 -7.00	32.21 2.87 0.00	30.22 2.76 -0.40	26.70 2.38 0.00	23.94 2.02 0.00
NUCOR_STEEL____DRP 24197	20.07 0.26 0.00	18.70 0.24 0.00	17.32 0.17 0.00	16.71 0.13 0.00	16.85 0.15 0.00	18.31 0.27 0.00	20.97 0.31 0.00	22.25 0.26 0.00	23.21 0.28 0.00	22.25 0.26 0.00	21.86 0.22 0.00	21.94 0.17 0.00	22.30 0.20 0.00	24.09 0.14 0.00	25.44 0.20 0.00	26.10 0.23 0.00	29.62 0.29 0.00	32.37 0.35 -0.32	31.82 0.37 -0.65	32.87 0.35 -0.29	29.92 0.59 0.00	27.49 0.41 -0.02	24.68 0.36 0.00	22.23 0.31 0.00
NUMBER_THREE_WT_PWR 323818	20.15 0.34 0.00	18.75 0.29 0.00	17.41 0.26 0.00	16.86 0.28 0.00	16.98 0.28 0.00	18.37 0.33 0.00	21.08 0.41 0.00	22.42 0.44 0.00	23.35 0.41 0.00	22.29 0.31 0.00	21.86 0.22 0.00	21.96 0.20 0.00	22.30 0.20 0.00	24.04 0.10 0.00	25.46 0.23 0.00	26.03 0.16 0.00	29.50 0.18 0.00	32.05 0.35 0.00	31.26 0.46 0.00	32.94 0.71 0.00	30.07 0.73 0.00	27.74 0.68 0.00	24.78 0.46 0.00	22.34 0.42 0.00
NYISO_LBMP_REFERENCE 24008	19.82 0.00 0.00	18.46 0.00 0.00	17.15 0.00 0.00	16.58 0.00 0.00	16.70 0.00 0.00	18.04 0.00 0.00	20.66 0.00 0.00	21.98 0.00 0.00	22.93 0.00 0.00	21.98 0.00 0.00	21.64 0.00 0.00	21.77 0.00 0.00	22.10 0.00 0.00	23.95 0.00 0.00	25.24 0.00 0.00	25.87 0.00 0.00	29.32 0.00 0.00	31.70 0.00 0.00	30.80 0.00 0.00	32.23 0.00 0.00	29.33 0.00 0.00	27.06 0.00 0.00	24.32 0.00 0.00	21.93 0.00 0.00
NYPA_BRENTWD____GT 24164	23.93 1.90 -2.21	21.59 1.73 -1.40	18.67 1.53 0.00	17.99 1.41 0.00	18.17 1.47 0.00	19.75 1.71 0.00	22.77 2.11 0.00	24.98 2.26 -0.73	26.11 2.39 -0.79	26.57 2.35 -2.23	25.65 2.34 -1.67	27.26 2.50 -2.99	31.64 2.43 -7.11	29.12 2.94 -2.23	33.01 3.03 -4.75	34.85 3.16 -5.82	39.25 3.72 -6.20	44.77 3.61 -9.46	48.13 3.39 -13.94	40.24 3.41 -4.60	33.47 3.20 -0.94	30.32 2.79 -0.47	28.43 2.77 -1.34	25.54 2.50 -1.12
NYPA_GOWANUS____GT5 24156	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NYPA_GOWANUS____GT6 24157	21.24 1.43 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.61 1.03 0.00	17.74 1.04 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.11 2.01 0.00	26.41 2.47 0.00	27.89 2.65 0.00	28.59 2.72 0.00	32.74 3.31 -0.10	38.13 3.39 -3.04	39.62 3.08 -5.74	37.80 3.16 -2.41	31.53 2.20 0.00	29.34 2.14 -0.14	26.46 2.14 0.00	23.83 1.91 0.00
NYPA_HARLEM_RVR_GT1 24160	21.16 1.35 0.00	19.66 1.20 0.00	18.21 1.06 0.00	17.58 0.99 0.00	17.70 1.00 0.00	19.03 0.99 0.00	22.03 1.36 0.00	23.50 1.52 0.00	24.60 1.67 0.01	23.60 1.63 0.01	23.28 1.64 0.01	23.59 1.83 0.01	23.97 1.88 0.01	26.30 2.35 0.00	27.76 2.52 0.00	28.38 2.51 0.00	32.53 3.11 -0.10	37.88 3.14 -3.04	39.40 2.87 -5.74	37.60 2.96 -2.41	31.32 2.00 0.01	29.23 2.03 -0.14	26.39 2.07 0.00	23.70 1.78 0.00
NYPA_HARLEM_RVR_GT2 24161	21.16 1.35 0.00	19.66 1.20 0.00	18.21 1.06 0.00	17.58 0.99 0.00	17.70 1.00 0.00	19.03 0.99 0.00	22.03 1.36 0.00	23.50 1.52 0.00	24.60 1.67 0.01	23.60 1.63 0.01	23.28 1.64 0.01	23.59 1.83 0.01	23.97 1.88 0.01	26.30 2.35 0.00	27.76 2.52 0.00	28.38 2.51 0.00	32.53 3.11 -0.10	37.88 3.14 -3.04	39.40 2.87 -5.74	37.60 2.96 -2.41	31.32 2.00 0.01	29.23 2.03 -0.14	26.39 2.07 0.00	23.70 1.78 0.00
NYPA_KENT____GT 24152	21.20 1.39 0.00	19.71 1.26 0.00	18.21 1.06 0.00	17.58 0.99 0.00	17.72 1.02 0.00	19.12 1.08 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.39 1.75 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.39 2.44 0.00	27.86 2.62 0.00	28.54 2.67 0.00	32.68 3.25 -0.10	38.04 3.30 -3.04	39.56 3.02 -5.74	37.73 3.09 -2.41	31.50 2.17 0.00	29.31 2.11 -0.14	26.39 2.07 0.00	23.77 1.84 0.00
NYPA_POUCH1____GT 24155	21.26 1.45 0.00	19.77 1.31 0.00	18.25 1.10 0.00	17.63 1.05 0.00	17.75 1.05 0.00	19.10 1.06 0.00	22.09 1.42 0.00	23.54 1.56 0.00	24.64 1.70 0.00	23.64 1.65 0.00	23.31 1.67 0.00	23.64 1.87 0.00	24.03 1.92 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.52 2.64 0.00	32.69 3.25 -0.11	38.08 3.33 -3.05	39.56 3.02 -5.74	37.77 3.13 -2.42	31.45 2.11 0.00	29.28 2.08 -0.14	26.43 2.11 0.00	23.86 1.93 0.00
NYPA_VERNON____GT2 24162	21.14 1.33 0.00	19.66 1.20 0.00	18.18 1.03 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.10 1.06 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.36 2.42 0.00	27.84 2.60 0.00	28.51 2.64 0.00	32.60 3.17 -0.10	37.98 3.23 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.50 2.17 0.00	29.28 2.08 -0.14	26.34 2.02 0.00	23.70 1.78 0.00

NYPA_VERNON____GT3 24163	21.14 1.33 0.00	19.66 1.20 0.00	18.18 1.03 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.10 1.06 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.36 2.42 0.00	27.84 2.60 0.00	28.51 2.64 0.00	32.60 3.17 -0.10	37.98 3.23 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.50 2.17 0.00	29.28 2.08 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
NYPA____ASTORIA_CC1 323568	21.12 1.31 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.54 0.96 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.11 1.45 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.36 2.42 0.00	27.81 2.58 0.00	28.48 2.61 0.00	32.60 3.17 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.47 2.14 0.00	29.26 2.06 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
NYPA____ASTORIA_CC2 323569	21.12 1.31 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.54 0.96 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.11 1.45 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.39 1.75 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.36 2.42 0.00	27.81 2.58 0.00	28.48 2.61 0.00	32.60 3.17 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.47 2.14 0.00	29.26 2.06 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
NYPA____HOLTSVILL 23794	23.36 1.72 -1.82	21.16 1.55 -1.15	18.53 1.39 0.00	17.88 1.29 0.00	18.03 1.34 0.00	19.61 1.57 0.00	22.58 1.92 0.00	24.60 2.02 -0.60	25.72 2.13 -0.65	25.95 2.13 -1.84	25.12 2.10 -1.38	26.50 2.26 -2.46	30.17 2.21 -5.86	28.52 2.73 -1.84	31.88 2.73 -3.91	33.52 2.85 -4.80	37.85 3.40 -5.12	43.46 3.42 -8.33	48.04 3.30 -13.95	40.02 3.29 -4.50	32.98 2.88 -0.77	29.99 2.52 -0.41	28.01 2.55 -1.14	25.14 2.28 -0.93
NYPA____HELLGATE_GT1 24158	21.16 1.35 0.00	19.66 1.20 0.00	18.21 1.06 0.00	17.58 0.99 0.00	17.70 1.00 0.00	19.03 0.99 0.00	22.03 1.36 0.00	23.50 1.52 0.00	24.60 1.67 0.01	23.60 1.63 0.01	23.28 1.64 0.01	23.59 1.83 0.01	23.97 1.88 0.01	26.30 2.35 0.00	27.76 2.52 0.00	28.38 2.51 0.00	32.53 3.11 -0.10	37.88 3.14 -3.04	39.40 2.87 -5.74	37.60 2.96 -2.41	31.32 2.00 0.01	29.23 2.03 -0.14	26.39 2.07 0.00	23.70 1.78 0.00
NYPA____HELLGATE_GT2 24159	21.16 1.35 0.00	19.66 1.20 0.00	18.21 1.06 0.00	17.58 0.99 0.00	17.70 1.00 0.00	19.03 0.99 0.00	22.03 1.36 0.00	23.50 1.52 0.00	24.60 1.67 0.01	23.60 1.63 0.01	23.28 1.64 0.01	23.59 1.83 0.01	23.97 1.88 0.01	26.30 2.35 0.00	27.76 2.52 0.00	28.38 2.51 0.00	32.53 3.11 -0.10	37.88 3.14 -3.04	39.40 2.87 -5.74	37.60 2.96 -2.41	31.32 2.00 0.01	29.23 2.03 -0.14	26.39 2.07 0.00	23.70 1.78 0.00
NYS_BARGE____HYD 23848	20.01 0.20 0.00	18.57 0.11 0.00	17.13 -0.02 0.00	16.53 -0.05 0.00	16.65 -0.05 0.00	18.26 0.22 0.00	20.58 -0.08 0.00	21.78 -0.20 0.00	22.73 -0.21 0.00	21.85 -0.13 0.00	21.58 -0.06 0.00	21.55 -0.22 0.00	21.84 -0.26 0.00	23.47 -0.48 0.00	24.56 -0.68 0.00	25.23 -0.65 0.00	28.15 -1.17 0.00	30.96 -1.14 -0.40	30.72 -0.89 -0.81	31.43 -1.16 -0.36	29.07 -0.26 0.00	26.49 -0.60 -0.02	24.18 -0.15 0.00	22.12 0.20 0.00
OAK ORCHARD____HYD 24046	20.07 0.26 0.00	18.66 0.20 0.00	17.23 0.09 0.00	16.65 0.07 0.00	16.77 0.07 0.00	18.29 0.25 0.00	20.79 0.12 0.00	22.09 0.11 0.00	23.05 0.12 0.00	22.16 0.18 0.00	21.81 0.17 0.00	21.81 0.04 0.00	22.10 0.00 0.00	23.85 -0.10 0.00	25.09 -0.15 0.00	25.74 -0.13 0.00	28.94 -0.38 0.00	31.73 -0.29 -0.32	31.32 -0.12 -0.65	32.19 -0.32 -0.29	29.63 0.29 0.00	27.08 0.00 -0.02	24.49 0.17 0.00	22.19 0.26 0.00
OAKDALE____35_KV_LOAD 356122	20.23 0.42 0.00	18.81 0.35 0.00	17.41 0.26 0.00	16.78 0.20 0.00	16.93 0.23 0.00	18.40 0.36 0.00	21.08 0.41 0.00	22.38 0.40 0.00	23.35 0.41 0.00	22.40 0.42 0.00	22.03 0.39 0.00	22.12 0.35 0.00	22.48 0.38 0.00	24.31 0.36 0.00	25.67 0.43 0.00	26.31 0.44 0.00	29.76 0.44 0.00	33.10 0.44 -0.96	33.13 0.40 -1.93	33.47 0.39 -0.86	29.92 0.59 0.00	27.57 0.46 -0.05	24.76 0.44 0.00	22.41 0.48 0.00
OCC_CHEM____DRP 24175	19.36 -0.46 0.00	17.91 -0.55 0.00	16.51 -0.63 0.00	15.74 -0.85 0.00	15.98 -0.72 0.00	17.55 -0.49 0.00	19.79 -0.85 0.02	20.88 -1.08 0.02	21.81 -1.10 0.02	20.97 -0.99 0.02	20.58 -1.04 0.02	20.57 -1.18 0.02	20.95 -1.13 0.02	22.56 -1.36 0.02	23.78 -1.44 0.02	24.27 -1.58 0.02	27.25 -2.05 0.02	29.81 -2.28 -0.39	29.51 -2.09 -0.81	30.19 -2.38 -0.34	27.93 -1.38 0.02	25.47 -1.60 0.00	23.20 -1.09 0.02	21.23 -0.68 0.02
OH_GEN_PROXY 24063	19.82 0.00 0.00	18.40 -0.06 0.00	16.99 -0.15 0.00	16.40 -0.18 0.00	16.50 -0.20 0.00	18.08 0.04 0.00	20.41 -0.25 0.00	21.56 -0.42 0.00	22.50 -0.44 0.00	21.65 -0.33 0.00	21.38 -0.26 0.00	21.38 -0.39 0.00	21.64 -0.47 0.00	23.30 -0.65 0.00	24.38 -0.86 0.00	25.04 -0.83 0.00	27.92 -1.41 0.00	30.68 -1.43 -0.41	30.45 -1.17 -0.82	31.11 -1.48 -0.36	28.75 -0.59 0.00	26.16 -0.92 -0.02	23.91 -0.41 0.00	21.90 -0.02 0.00
OLIN_CORP_DRP 24177	19.80 -0.02 0.00	18.29 -0.17 0.00	16.87 -0.27 0.00	16.08 -0.50 0.00	16.33 -0.37 0.00	17.95 -0.09 0.00	20.21 -0.45 0.00	21.32 -0.66 0.00	22.27 -0.67 0.00	21.41 -0.57 0.00	21.01 -0.63 0.00	21.01 -0.76 0.00	21.39 -0.71 0.00	23.04 -0.91 0.00	24.28 -0.96 0.00	24.76 -1.11 0.00	27.74 -1.58 0.00	30.35 -1.78 -0.42	30.05 -1.60 -0.85	30.74 -1.87 -0.38	28.45 -0.88 0.00	25.95 -1.14 -0.02	23.69 -0.63 0.00	21.71 -0.22 0.00
OLIN_CORP_DSASP 323712	19.26 -0.55 0.00	18.02 -0.44 0.00	16.50 -0.65 0.00	15.92 -0.66 0.00	16.03 -0.67 0.00	17.57 -0.47 0.00	19.79 -0.85 0.02	20.89 -1.08 0.02	21.79 -1.12 0.02	20.97 -0.99 0.02	20.73 -0.89 0.02	20.70 -1.04 0.02	20.95 -1.13 0.02	22.54 -1.39 0.02	23.58 -1.64 0.02	24.25 -1.60 0.02	27.07 -2.23 0.02	29.77 -2.31 -0.39	29.54 -2.06 -0.80	30.22 -2.35 -0.34	27.87 -1.44 0.02	25.41 -1.65 0.00	23.18 -1.12 0.02	21.25 -0.66 0.02
ONEIDA_HERK_LFGE 323681	20.15 0.34 0.00	18.75 0.29 0.00	17.41 0.26 0.00	16.85 0.26 0.00	16.98 0.28 0.00	18.37 0.33 0.00	21.08 0.41 0.00	22.44 0.46 0.00	23.37 0.43 0.00	22.36 0.37 0.00	21.94 0.30 0.00	22.07 0.30 0.00	22.41 0.31 0.00	24.21 0.26 0.00	25.59 0.35 0.00	26.18 0.31 0.00	29.71 0.38 0.00	32.24 0.54 0.00	31.42 0.62 0.00	33.00 0.77 0.00	30.09 0.76 0.00	27.74 0.68 0.00	24.81 0.49 0.00	22.34 0.42 0.00
ONEIDA____115KV_TB4 55905	20.27 0.46 0.00	18.87 0.41 0.00	17.47 0.33 0.00	16.90 0.32 0.00	17.03 0.33 0.00	18.46 0.41 0.00	21.18 0.52 0.00	22.53 0.55 0.00	23.49 0.55 0.00	22.49 0.51 0.00	22.12 0.48 0.00	22.25 0.48 0.00	22.59 0.49 0.00	24.38 0.43 0.00	25.74 0.50 0.00	26.34 0.47 0.00	29.94 0.62 0.00	32.49 0.79 0.00	31.63 0.83 0.00	33.16 0.93 0.00	30.30 0.97 0.00	27.88 0.81 0.00	24.95 0.63 0.00	22.47 0.55 0.00

ONONDAGA_REF_OCCRA 23987	19.84 0.02 0.00	18.48 0.02 0.00	17.10 -0.05 0.00	16.52 -0.07 0.00	16.65 -0.05 0.00	18.06 0.02 0.00	20.66 0.00 0.00	21.96 -0.02 0.00	22.93 0.00 0.00	22.01 0.02 0.00	21.64 0.00 0.00	21.75 -0.02 0.00	22.10 0.00 0.00	23.92 -0.02 0.00	25.26 0.03 0.00	25.90 0.03 0.00	29.35 0.03 0.00	31.95 -0.03 -0.28	31.34 -0.03 -0.57	32.41 -0.06 -0.25	29.48 0.15 0.00	27.13 0.05 -0.01	24.34 0.02 0.00	21.95 0.02 0.00
ONONDAGA___COGEN 23986	19.86 0.04 0.00	18.50 0.04 0.00	17.11 -0.03 0.00	16.53 -0.05 0.00	16.67 -0.03 0.00	18.08 0.04 0.00	20.68 0.02 0.00	21.96 -0.02 0.00	22.93 0.00 0.00	21.98 0.00 0.00	21.62 -0.02 0.00	21.72 -0.04 0.00	22.08 -0.02 0.00	23.90 -0.05 0.00	25.21 -0.03 0.00	25.87 0.00 0.00	29.32 0.00 0.00	31.89 -0.06 -0.26	31.29 -0.03 -0.52	32.39 -0.06 -0.23	29.48 0.15 0.00	27.10 0.03 -0.01	24.34 0.02 0.00	21.95 0.02 0.00
ONTARIO___LFGE 23819	20.17 0.36 0.00	18.77 0.31 0.00	17.36 0.21 0.00	16.76 0.18 0.00	16.90 0.20 0.00	18.44 0.40 0.00	21.08 0.41 0.00	22.40 0.42 0.00	23.35 0.41 0.00	22.38 0.40 0.00	22.01 0.37 0.00	22.07 0.30 0.00	22.37 0.27 0.00	24.19 0.24 0.00	25.46 0.23 0.00	26.16 0.29 0.00	29.56 0.23 0.00	32.47 0.38 -0.39	32.05 0.46 -0.78	32.96 0.39 -0.35	30.12 0.79 0.00	27.57 0.49 -0.02	24.81 0.49 0.00	22.45 0.53 0.00
ORANGEVILLE_WT_PWR 323706	20.15 0.34 0.00	18.75 0.29 0.00	17.30 0.15 0.00	16.67 0.08 0.00	16.80 0.10 0.00	18.40 0.36 0.00	20.85 0.19 0.00	22.09 0.11 0.00	23.03 0.09 0.00	22.14 0.15 0.00	21.83 0.19 0.00	21.81 0.04 0.00	22.12 0.02 0.00	23.83 -0.12 0.00	24.98 -0.25 0.00	25.66 -0.21 0.00	28.71 -0.62 0.00	31.67 -0.54 -0.51	31.40 -0.43 -1.03	32.14 -0.55 -0.46	29.54 0.21 0.00	26.98 -0.11 -0.03	24.54 0.22 0.00	22.43 0.50 0.00
ORANGEVILLE___ESR 323794	20.15 0.34 0.00	18.75 0.29 0.00	17.30 0.15 0.00	16.67 0.08 0.00	16.80 0.10 0.00	18.40 0.36 0.00	20.85 0.19 0.00	22.09 0.11 0.00	23.03 0.09 0.00	22.14 0.15 0.00	21.83 0.19 0.00	21.81 0.04 0.00	22.12 0.02 0.00	23.83 -0.12 0.00	24.98 -0.25 0.00	25.66 -0.21 0.00	28.71 -0.62 0.00	31.67 -0.54 -0.51	31.40 -0.43 -1.03	32.14 -0.55 -0.46	29.54 0.21 0.00	26.98 -0.11 -0.03	24.54 0.22 0.00	22.43 0.50 0.00
OSWEGATCHIE___HYD 24044	19.94 0.12 0.00	18.51 0.06 0.00	17.23 0.09 0.00	16.68 0.10 0.00	16.80 0.10 0.00	18.11 0.07 0.00	20.79 0.12 0.00	22.16 0.18 0.00	23.10 0.16 0.00	22.12 0.13 0.00	21.68 0.04 0.00	21.77 0.00 0.00	22.08 -0.02 0.00	23.80 -0.14 0.00	25.14 -0.10 0.00	25.61 -0.26 0.00	28.83 -0.50 0.00	31.22 -0.47 0.00	30.49 -0.31 0.00	32.13 -0.10 0.00	29.30 -0.03 0.00	27.06 0.00 0.00	24.34 0.02 0.00	21.97 0.04 0.00
OSWEGO___5 23606	19.50 -0.32 0.00	18.16 -0.30 0.00	16.84 -0.31 0.00	16.28 -0.30 0.00	16.40 -0.30 0.00	17.77 -0.27 0.00	20.31 -0.35 0.00	21.56 -0.42 0.00	22.50 -0.44 0.00	21.57 -0.42 0.00	21.23 -0.41 0.00	21.33 -0.44 0.00	21.66 -0.44 0.00	23.44 -0.50 0.00	24.70 -0.53 0.00	25.35 -0.52 0.00	28.71 -0.62 0.00	31.03 -0.67 0.00	30.19 -0.62 0.00	31.55 -0.68 0.00	28.86 -0.47 0.00	26.58 -0.49 0.00	23.88 -0.44 0.00	21.55 -0.37 0.00
OSWEGO___6 23613	19.50 -0.32 0.00	18.16 -0.30 0.00	16.84 -0.31 0.00	16.28 -0.30 0.00	16.40 -0.30 0.00	17.77 -0.27 0.00	20.31 -0.35 0.00	21.56 -0.42 0.00	22.50 -0.44 0.00	21.57 -0.42 0.00	21.23 -0.41 0.00	21.33 -0.44 0.00	21.66 -0.44 0.00	23.44 -0.50 0.00	24.70 -0.53 0.00	25.35 -0.52 0.00	28.71 -0.62 0.00	31.03 -0.67 0.00	30.19 -0.62 0.00	31.55 -0.68 0.00	28.86 -0.47 0.00	26.58 -0.49 0.00	23.88 -0.44 0.00	21.55 -0.37 0.00
OUTOKUMPU-AB___DRP 24206	20.07 0.26 0.00	18.55 0.09 0.00	17.10 -0.05 0.00	16.32 -0.27 0.00	16.57 -0.13 0.00	18.20 0.16 0.00	20.54 -0.12 0.00	21.72 -0.26 0.00	22.66 -0.28 0.00	21.81 -0.18 0.00	21.40 -0.24 0.00	21.38 -0.39 0.00	21.81 -0.29 0.00	23.42 -0.53 0.00	24.71 -0.53 0.00	25.29 -0.60 -0.01	28.37 -0.97 -0.01	31.06 -1.08 -0.44	30.72 -0.95 -0.87	31.43 -1.19 -0.40	29.08 -0.26 -0.01	26.56 -0.54 -0.03	24.16 -0.17 -0.01	22.10 0.18 0.00
OXBOW___ 24026	19.66 -0.16 0.00	18.35 -0.11 0.00	16.84 -0.31 0.00	16.23 -0.35 0.00	16.35 -0.35 0.00	17.91 -0.13 0.00	20.20 -0.45 0.01	21.36 -0.62 0.01	22.28 -0.64 0.01	21.45 -0.53 0.01	21.20 -0.43 0.01	21.15 -0.61 0.01	21.43 -0.66 0.01	23.03 -0.91 0.01	24.09 -1.14 0.01	24.82 -1.06 -0.01	27.72 -1.61 -0.01	30.51 -1.62 -0.43	30.24 -1.42 -0.86	30.94 -1.68 -0.39	28.55 -0.79 -0.01	26.04 -1.06 -0.03	23.75 -0.58 -0.01	21.74 -0.18 0.01
OXY_CHEM_DSASP 323612	19.36 -0.46 0.00	17.91 -0.55 0.00	16.51 -0.63 0.00	15.74 -0.85 0.00	15.98 -0.72 0.00	17.55 -0.49 0.00	19.79 -0.85 0.02	20.88 -1.08 0.02	21.81 -1.10 0.02	20.97 -0.99 0.02	20.58 -1.04 0.02	20.57 -1.18 0.02	20.95 -1.13 0.02	22.56 -1.36 0.02	23.78 -1.44 0.02	24.27 -1.58 0.02	27.25 -2.05 0.02	29.81 -2.28 -0.39	29.51 -2.09 -0.81	30.19 -2.38 -0.34	27.93 -1.38 0.02	25.47 -1.60 0.00	23.20 -1.09 0.02	21.23 -0.68 0.02
OZONE_PARK_ESR 323760	21.20 1.39 0.00	19.75 1.29 0.00	18.25 1.10 0.00	17.68 1.09 0.00	17.79 1.09 0.00	19.21 1.17 0.00	22.31 1.65 0.00	23.85 1.87 0.00	24.93 2.00 0.00	23.90 1.91 0.00	23.65 2.01 0.00	23.92 2.15 0.00	24.27 2.17 0.00	26.51 2.56 0.00	27.96 2.73 0.00	28.72 2.85 0.00	32.76 3.34 -0.09	38.12 3.39 -3.03	39.64 3.11 -5.73	37.85 3.22 -2.40	31.71 2.38 0.00	29.50 2.30 -0.14	26.48 2.16 0.00	23.86 1.93 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.36 -0.46 0.00	17.91 -0.55 0.00	16.51 -0.63 0.00	15.74 -0.85 0.00	15.98 -0.72 0.00	17.55 -0.49 0.00	19.79 -0.85 0.02	20.88 -1.08 0.02	21.81 -1.10 0.02	20.97 -0.99 0.02	20.58 -1.04 0.02	20.57 -1.18 0.02	20.95 -1.13 0.02	22.56 -1.36 0.02	23.78 -1.44 0.02	24.27 -1.58 0.02	27.25 -2.05 0.02	29.81 -2.28 -0.39	29.51 -2.09 -0.81	30.19 -2.38 -0.34	27.93 -1.38 0.02	25.47 -1.60 0.00	23.20 -1.09 0.02	21.23 -0.68 0.02
PACKARD___115KV_DUPONT_184 80571	19.36 -0.46 0.00	17.91 -0.55 0.00	16.51 -0.63 0.00	15.74 -0.85 0.00	15.98 -0.72 0.00	17.55 -0.49 0.00	19.79 -0.85 0.02	20.88 -1.08 0.02	21.81 -1.10 0.02	20.97 -0.99 0.02	20.58 -1.04 0.02	20.57 -1.18 0.02	20.95 -1.13 0.02	22.56 -1.36 0.02	23.78 -1.44 0.02	24.27 -1.58 0.02	27.25 -2.05 0.02	29.81 -2.28 -0.39	29.51 -2.09 -0.81	30.19 -2.38 -0.34	27.93 -1.38 0.02	25.47 -1.60 0.00	23.20 -1.09 0.02	21.23 -0.68 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.12 1.31 0.00	19.66 1.20 0.00	18.19 1.05 0.00	17.61 1.03 0.00	17.70 1.00 0.00	18.98 0.94 0.00	22.03 1.36 0.00	23.54 1.56 0.00	24.61 1.67 0.00	23.59 1.60 0.00	23.37 1.73 0.00	23.62 1.85 0.00	23.98 1.88 0.00	26.25 2.30 0.00	27.71 2.47 0.00	28.51 2.64 0.00	32.51 3.08 -0.10	37.88 3.14 -3.04	39.43 2.90 -5.74	37.63 3.00 -2.41	31.24 1.91 0.00	29.10 1.89 -0.14	26.41 2.09 0.00	23.83 1.91 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.34 1.53 0.00	19.86 1.40 0.00	18.37 1.22 0.00	17.78 1.19 0.00	17.89 1.19 0.00	19.16 1.12 0.00	22.23 1.57 0.00	23.78 1.80 0.00	24.86 1.93 0.00	23.83 1.85 0.00	23.59 1.95 0.00	23.86 2.09 0.00	24.22 2.12 0.00	26.53 2.59 0.00	28.01 2.78 0.00	28.82 2.95 0.00	32.89 3.46 -0.10	38.29 3.55 -3.04	39.83 3.30 -5.74	38.05 3.42 -2.41	31.59 2.26 0.00	29.42 2.22 -0.14	26.68 2.36 0.00	24.03 2.10 0.00
PATROON__115KV_TB1 80586	20.41 0.59 0.00	19.12 0.66 0.00	17.71 0.57 0.00	17.18 0.60 0.00	17.27 0.57 0.00	18.64 0.60 0.00	21.01 0.66 0.31	20.62 0.73 2.08	21.94 0.73 1.73	21.75 0.64 0.87	22.25 0.61 0.00	22.44 0.67 0.00	21.82 0.71 0.99	23.28 0.84 1.51	25.66 0.88 0.46	26.80 0.93 0.00	30.40 1.14 0.07	37.11 1.14 -4.27	43.91 1.08 -12.03	38.88 1.16 -5.49	30.27 0.94 0.00	28.35 0.97 -0.31	25.15 0.83 0.00	22.65 0.72 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.39 0.57 0.00	18.87 0.41 0.00	17.39 0.24 0.00	16.60 0.02 0.00	16.83 0.13 0.00	18.49 0.45 0.00	20.97 0.31 0.00	22.16 0.18 0.00	23.12 0.18 0.00	22.25 0.26 0.00	21.86 0.22 0.00	21.83 0.07 0.00	22.28 0.18 0.00	23.92 -0.02 0.00	25.29 0.05 0.00	25.82 -0.05 0.00	28.95 -0.38 0.00	31.73 -0.44 -0.47	31.35 -0.40 -0.95	32.04 -0.61 -0.42	29.54 0.21 0.00	27.01 -0.08 -0.03	24.54 0.22 0.00	22.52 0.59 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.06 1.25 0.00	19.64 1.18 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.65 0.95 0.00	19.03 0.99 0.00	22.07 1.41 0.00	23.50 1.52 0.00	24.59 1.65 0.00	23.54 1.56 0.00	23.26 1.62 0.00	23.47 1.70 0.00	23.82 1.72 0.00	25.93 1.99 0.00	27.38 2.15 0.00	28.10 2.22 0.00	32.14 2.73 -0.08	37.59 2.85 -3.03	39.19 2.62 -5.77	37.40 2.74 -2.44	31.44 2.11 0.00	29.29 2.08 -0.14	26.07 1.75 0.00	23.57 1.64 0.00
PEEKSKILL____ 23653	20.94 1.13 0.00	19.51 1.05 0.00	18.02 0.87 0.00	17.43 0.85 0.00	17.55 0.85 0.00	19.03 0.99 0.00	21.99 1.32 0.00	23.43 1.45 0.00	24.49 1.56 0.00	23.50 1.52 0.00	23.18 1.54 0.00	23.42 1.65 0.00	23.80 1.70 0.00	25.98 2.03 0.00	27.41 2.17 0.00	28.10 2.23 0.00	32.06 2.64 -0.09	37.39 2.69 -3.00	38.90 2.43 -5.67	37.09 2.48 -2.38	31.30 1.97 0.00	29.07 1.87 -0.13	25.97 1.65 0.00	23.44 1.51 0.00
PGE MADISON__WINDPWR 24146	21.12 1.31 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.61 1.03 0.00	17.75 1.05 0.00	19.32 1.28 0.00	22.17 1.51 0.00	23.61 1.63 0.00	24.47 1.54 0.00	22.82 0.84 0.00	22.33 0.69 0.00	22.42 0.65 0.00	22.72 0.62 0.00	24.50 0.55 0.00	25.82 0.58 0.00	27.01 1.14 0.00	30.70 1.38 0.00	34.73 1.93 -1.10	35.20 2.19 -2.21	35.85 2.64 -0.98	32.00 2.67 0.00	29.45 2.33 -0.06	26.15 1.82 0.00	23.55 1.62 0.00
PIERCEFIELD__HYD 23852	19.72 -0.10 0.00	18.29 -0.17 0.00	17.08 -0.07 0.00	16.50 -0.08 0.00	16.62 -0.08 0.00	17.91 -0.13 0.00	20.52 -0.14 0.00	21.94 -0.04 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.53 -0.11 0.00	21.57 -0.20 0.00	21.88 -0.22 0.00	23.59 -0.36 0.00	24.83 -0.40 0.00	25.28 -0.60 0.00	28.18 -1.14 0.00	30.43 -1.27 0.00	29.75 -1.05 0.00	31.36 -0.87 0.00	28.51 -0.82 0.00	26.39 -0.68 0.00	23.88 -0.44 0.00	21.62 -0.31 0.00
PINELAWN_CC_1 323563	25.83 1.84 -4.17	22.78 1.68 -2.64	18.62 1.48 0.00	17.94 1.36 0.00	18.12 1.42 0.00	19.68 1.64 0.00	22.71 2.05 0.00	25.58 2.22 -1.38	26.77 2.34 -1.50	28.48 2.29 -4.21	27.03 2.25 -3.14	29.76 2.37 -5.62	37.68 2.19 -13.39	30.77 2.63 -4.19	36.91 2.73 -8.94	39.66 2.82 -10.97	44.12 3.23 -11.57	50.11 3.30 -15.12	47.76 3.02 -13.94	40.50 3.19 -5.08	33.89 2.82 -1.74	30.48 2.68 -0.74	29.29 2.65 -2.32	26.36 2.39 -2.04
PJM_GEN_HTP_PROXY 323702	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.51 0.93 0.00	17.63 0.93 0.00	19.14 1.10 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.07 1.97 0.00	26.30 2.35 0.00	27.73 2.50 0.00	28.43 2.56 0.00	32.44 3.02 -0.09	37.78 3.04 -3.03	39.27 2.74 -5.73	37.46 2.84 -2.40	31.53 2.20 0.00	29.26 2.06 -0.14	26.22 1.90 0.00	23.61 1.69 0.00
PJM_GEN_KEystone 24065	20.45 0.63 0.00	19.01 0.55 0.00	17.56 0.41 0.00	16.96 0.38 0.00	17.10 0.40 0.00	18.62 0.58 0.00	21.34 0.68 0.00	22.68 0.70 0.00	23.69 0.76 0.00	22.77 0.79 0.00	22.46 0.82 0.00	22.59 0.83 0.00	22.94 0.84 0.00	24.91 0.96 0.00	26.22 0.98 0.00	26.88 1.01 0.00	30.40 1.03 -0.05	35.05 1.04 -2.31	34.75 0.89 -3.05	34.52 0.81 -1.49	30.24 0.91 0.00	27.88 0.73 -0.08	25.10 0.78 0.00	22.78 0.85 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.76 1.59 -0.36	20.14 1.46 -0.22	18.39 1.25 0.01	17.74 1.16 0.00	17.91 1.22 0.01	19.44 1.41 0.01	22.43 1.78 0.01	24.05 1.96 -0.11	25.12 2.06 -0.12	24.34 2.00 -0.36	23.89 1.97 -0.28	24.36 2.09 -0.50	25.39 2.12 -1.17	26.84 2.51 -0.37	28.66 2.65 -0.78	29.54 2.72 -0.95	33.63 3.20 -1.11	39.03 3.23 -4.10	47.57 2.83 -13.93	39.23 2.90 -4.10	31.96 2.49 -0.13	29.44 2.19 -0.19	26.91 2.19 -0.40	24.19 2.02 -0.24
PJM_GEN_VFT_PROXY 323633	20.98 1.17 0.00	19.53 1.07 0.00	18.04 0.89 0.00	17.43 0.85 0.00	17.57 0.87 0.00	19.07 1.03 0.00	22.09 1.42 0.00	23.61 1.63 0.00	24.70 1.77 0.00	23.70 1.72 0.00	23.37 1.73 0.00	23.66 1.89 0.00	24.02 1.92 0.00	26.27 2.32 0.00	27.71 2.47 0.00	28.41 2.54 0.00	32.35 2.93 -0.09	37.65 2.91 -3.03	39.18 2.65 -5.73	37.34 2.71 -2.40	31.45 2.11 0.00	29.18 1.97 -0.14	26.17 1.85 0.00	23.55 1.62 0.00
PLATSBURG_115KV_PMLD1 355749	20.17 0.36 0.00	18.70 0.24 0.00	17.37 0.22 0.00	16.73 0.15 0.00	16.80 0.10 0.00	18.09 0.05 0.00	20.64 -0.02 0.00	22.03 0.04 0.00	23.05 0.11 0.00	22.14 0.15 0.00	21.70 0.06 0.00	21.68 -0.09 0.00	21.95 -0.15 0.00	23.61 -0.34 0.00	24.81 -0.43 0.00	25.46 -0.41 0.00	28.65 -0.67 0.00	31.19 -0.51 0.00	30.49 -0.31 0.00	32.16 -0.06 0.00	29.16 -0.18 0.00	26.74 -0.32 0.00	24.05 -0.27 0.00	21.75 -0.18 0.00
PLEASANTVLY__LBMP 24000	20.85 1.03 0.00	19.46 1.00 0.00	17.99 0.84 0.00	17.43 0.85 0.00	17.53 0.83 0.00	18.94 0.90 0.00	21.88 1.22 0.00	23.30 1.32 0.00	24.33 1.40 0.00	23.32 1.34 0.00	23.05 1.41 0.00	23.27 1.50 0.00	23.60 1.50 0.00	25.70 1.75 0.00	27.10 1.87 0.00	27.81 1.94 0.00	31.72 2.29 -0.11	37.24 2.35 -3.20	38.94 2.13 -6.01	36.92 2.19 -2.51	30.98 1.64 0.00	28.86 1.65 -0.14	25.83 1.51 0.00	23.31 1.38 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.99 1.17 0.00	19.57 1.11 0.00	18.07 0.93 0.00	17.51 0.93 0.00	17.62 0.92 0.00	19.03 0.99 0.00	22.03 1.36 0.00	23.50 1.52 0.00	24.54 1.61 0.00	23.52 1.54 0.00	23.28 1.64 0.00	23.51 1.74 0.00	23.87 1.77 0.00	26.01 2.06 0.00	27.43 2.20 0.00	28.17 2.30 0.00	32.15 2.73 -0.10	37.54 2.79 -3.06	39.13 2.56 -5.77	37.26 2.61 -2.42	31.30 1.97 0.00	29.15 1.95 -0.14	26.07 1.75 0.00	23.53 1.60 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.99 1.17 0.00	19.57 1.11 0.00	18.07 0.93 0.00	17.51 0.93 0.00	17.62 0.92 0.00	19.03 0.99 0.00	22.03 1.36 0.00	23.50 1.52 0.00	24.54 1.61 0.00	23.52 1.54 0.00	23.28 1.64 0.00	23.51 1.74 0.00	23.87 1.77 0.00	26.01 2.06 0.00	27.43 2.20 0.00	28.17 2.30 0.00	32.15 2.73 -0.10	37.54 2.79 -3.06	39.13 2.56 -5.77	37.26 2.61 -2.42	31.30 1.97 0.00	29.15 1.95 -0.14	26.07 1.75 0.00	23.53 1.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.97 1.15 0.00	19.57 1.11 0.00	18.06 0.91 0.00	17.49 0.91 0.00	17.60 0.90 0.00	19.01 0.97 0.00	22.01 1.34 0.00	23.41 1.43 0.00	24.45 1.51 0.00	23.41 1.43 0.00	23.15 1.51 0.00	23.36 1.59 0.00	23.71 1.61 0.00	25.82 1.87 0.00	27.23 1.99 0.00	27.94 2.07 0.00	31.82 2.49 0.00	37.09 2.60 -2.79	38.79 2.37 -5.62	37.17 2.45 -2.50	31.24 1.91 0.00	29.07 1.87 -0.14	25.97 1.65 0.00	23.46 1.53 0.00
POLETTI____ 23519	21.02 1.21 0.00	19.60 1.14 0.00	18.11 0.96 0.00	17.54 0.96 0.00	17.65 0.95 0.00	19.05 1.01 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.44 1.80 0.00	23.70 1.94 0.00	24.05 1.94 0.00	26.25 2.30 0.00	27.68 2.45 0.00	28.43 2.56 0.00	32.41 2.99 -0.09	37.74 3.01 -3.03	39.27 2.74 -5.73	37.43 2.80 -2.40	31.39 2.05 0.00	29.20 2.00 -0.14	26.22 1.90 0.00	23.64 1.71 0.00
PORT_JEFF_3 23555	23.41 1.74 -1.85	21.19 1.57 -1.17	18.55 1.41 0.00	17.88 1.29 0.00	18.05 1.35 0.00	19.62 1.59 0.00	22.60 1.94 0.00	24.55 1.96 -0.61	25.66 2.06 -0.66	25.91 2.07 -1.86	25.10 2.06 -1.40	26.46 2.20 -2.50	30.21 2.17 -5.94	28.49 2.68 -1.86	31.90 2.70 -3.97	33.56 2.82 -4.86	37.92 3.40 -5.19	43.46 3.36 -8.40	48.11 3.36 -13.95	39.93 3.19 -4.51	32.96 2.84 -0.78	29.99 2.52 -0.41	28.07 2.60 -1.15	25.19 2.32 -0.95
PORT_JEFF_4 23616	23.41 1.74 -1.85	21.19 1.57 -1.17	18.55 1.41 0.00	17.88 1.29 0.00	18.05 1.35 0.00	19.62 1.59 0.00	22.60 1.94 0.00	24.55 1.96 -0.61	25.66 2.06 -0.66	25.91 2.07 -1.86	25.10 2.06 -1.40	26.46 2.20 -2.50	30.21 2.17 -5.94	28.49 2.68 -1.86	31.90 2.70 -3.97	33.56 2.82 -4.86	37.92 3.40 -5.19	43.46 3.36 -8.40	48.11 3.36 -13.95	39.93 3.19 -4.51	32.96 2.84 -0.78	29.99 2.52 -0.41	28.07 2.60 -1.15	25.19 2.32 -0.95
PORT_JEFF_IC 23713	23.51 1.78 -1.91	21.27 1.61 -1.21	18.59 1.44 0.00	17.91 1.33 0.00	18.07 1.37 0.00	19.64 1.61 0.00	22.62 1.96 0.00	24.61 2.00 -0.63	25.73 2.11 -0.68	26.02 2.11 -1.93	25.21 2.12 -1.45	26.64 2.28 -2.59	30.48 2.23 -6.15	28.66 2.78 -1.93	32.15 2.80 -4.11	33.86 2.95 -5.04	38.22 3.52 -5.37	43.65 3.36 -8.59	48.11 3.36 -13.95	39.98 3.22 -4.53	33.14 2.99 -0.81	30.11 2.62 -0.42	28.18 2.68 -1.18	25.29 2.39 -0.98
PPL PILGRIM_ST_GT1 24216	23.93 1.90 -2.21	21.59 1.73 -1.40	18.67 1.53 0.00	17.99 1.41 0.00	18.17 1.47 0.00	19.75 1.71 0.00	22.77 2.11 0.00	24.98 2.26 -0.73	26.11 2.39 -0.79	26.57 2.35 -2.23	25.65 2.34 -1.67	27.26 2.50 -2.99	31.64 2.43 -7.11	29.12 2.94 -2.23	33.01 3.03 -4.75	34.85 3.16 -5.82	39.25 3.72 -6.20	44.77 3.61 -9.46	48.13 3.39 -13.94	40.24 3.41 -4.60	33.47 3.20 -0.94	30.32 2.79 -0.47	28.43 2.77 -1.34	25.54 2.50 -1.12
PPL PILGRIM_ST_GT2 24217	23.93 1.90 -2.21	21.59 1.73 -1.40	18.67 1.53 0.00	17.99 1.41 0.00	18.17 1.47 0.00	19.75 1.71 0.00	22.77 2.11 0.00	24.98 2.26 -0.73	26.11 2.39 -0.79	26.57 2.35 -2.23	25.65 2.34 -1.67	27.26 2.50 -2.99	31.64 2.43 -7.11	29.12 2.94 -2.23	33.01 3.03 -4.75	34.85 3.16 -5.82	39.25 3.72 -6.20	44.77 3.61 -9.46	48.13 3.39 -13.94	40.24 3.41 -4.60	33.47 3.20 -0.94	30.32 2.79 -0.47	28.43 2.77 -1.34	25.54 2.50 -1.12
PPL_SHRM_GT3 24213	23.20 1.51 -1.88	20.98 1.33 -1.19	18.35 1.20 0.00	17.71 1.13 0.00	17.85 1.15 0.00	19.41 1.37 0.00	22.33 1.67 0.00	24.36 1.76 -0.62	25.46 1.86 -0.67	25.77 1.89 -1.90	24.94 1.88 -1.42	26.38 2.07 -2.54	30.16 2.01 -6.04	28.41 2.56 -1.90	31.85 2.58 -4.04	33.54 2.72 -4.95	37.92 3.31 -5.28	43.59 3.39 -8.50	48.11 3.36 -13.95	40.07 3.32 -4.52	32.95 2.82 -0.80	29.89 2.41 -0.42	27.92 2.43 -1.17	25.01 2.13 -0.96
PPL_SHRM_GT4 24214	23.20 1.51 -1.88	20.98 1.33 -1.19	18.35 1.20 0.00	17.71 1.13 0.00	17.85 1.15 0.00	19.41 1.37 0.00	22.33 1.67 0.00	24.36 1.76 -0.62	25.46 1.86 -0.67	25.77 1.89 -1.90	24.94 1.88 -1.42	26.38 2.07 -2.54	30.16 2.01 -6.04	28.41 2.56 -1.90	31.85 2.58 -4.04	33.54 2.72 -4.95	37.92 3.31 -5.28	43.59 3.39 -8.50	48.11 3.36 -13.95	40.07 3.32 -4.52	32.95 2.82 -0.80	29.89 2.41 -0.42	27.92 2.43 -1.17	25.01 2.13 -0.96
PROJECT____ORANGE 1 24174	19.78 -0.04 0.00	18.42 -0.04 0.00	17.06 -0.09 0.00	16.47 -0.12 0.00	16.60 -0.10 0.00	18.00 -0.04 0.00	20.60 -0.06 0.00	21.87 -0.11 0.00	22.89 -0.05 0.00	21.94 -0.04 0.00	21.60 -0.04 0.00	21.68 -0.09 0.00	22.03 -0.07 0.00	23.88 -0.07 0.00	25.19 -0.05 0.00	25.82 -0.05 0.00	29.27 -0.06 0.00	31.73 -0.19 -0.22	31.06 -0.18 -0.44	32.23 -0.19 -0.20	29.36 0.03 0.00	26.99 -0.08 -0.01	24.27 -0.05 0.00	21.88 -0.04 0.00
PROJECT____ORANGE 2 24166	19.78 -0.04 0.00	18.42 -0.04 0.00	17.06 -0.09 0.00	16.47 -0.12 0.00	16.60 -0.10 0.00	18.00 -0.04 0.00	20.60 -0.06 0.00	21.87 -0.11 0.00	22.89 -0.05 0.00	21.94 -0.04 0.00	21.60 -0.04 0.00	21.68 -0.09 0.00	22.03 -0.07 0.00	23.88 -0.07 0.00	25.19 -0.05 0.00	25.82 -0.05 0.00	29.27 -0.06 0.00	31.73 -0.19 -0.22	31.06 -0.18 -0.44	32.23 -0.19 -0.20	29.36 0.03 0.00	26.99 -0.08 -0.01	24.27 -0.05 0.00	21.88 -0.04 0.00
PUCKETT____SOLAR 323809	20.43 0.61 0.00	19.03 0.57 0.00	17.59 0.45 0.00	17.01 0.43 0.00	17.13 0.43 0.00	18.63 0.59 0.00	21.34 0.68 0.00	22.66 0.68 0.00	23.58 0.64 0.00	22.51 0.53 0.00	22.07 0.43 0.00	22.16 0.39 0.00	22.48 0.38 0.00	24.31 0.36 0.00	25.62 0.38 0.00	26.39 0.52 0.00	29.88 0.56 0.00	33.52 0.76 -1.06	33.77 0.83 -2.13	34.11 0.94 -0.95	30.45 1.11 0.00	28.01 0.89 -0.05	25.12 0.80 0.00	22.71 0.79 0.00
PYRITES____HYD 24023	19.86 0.04 0.00	18.42 -0.04 0.00	17.20 0.05 0.00	16.65 0.07 0.00	16.77 0.07 0.00	18.09 0.05 0.00	20.70 0.04 0.00	22.16 0.18 0.00	23.12 0.18 0.00	22.20 0.22 0.00	21.75 0.11 0.00	21.79 0.02 0.00	22.12 0.02 0.00	23.80 -0.14 0.00	25.08 -0.15 0.00	25.56 -0.31 0.00	28.62 -0.70 0.00	30.94 -0.76 0.00	30.28 -0.52 0.00	31.94 -0.29 0.00	29.04 -0.29 0.00	26.85 -0.22 0.00	24.20 -0.12 0.00	21.84 -0.09 0.00
QUAKERRD_115KV_BK1 80622	19.50 -0.32 0.00	18.11 -0.35 0.00	16.72 -0.43 0.00	16.07 -0.51 0.00	16.25 -0.45 0.00	17.73 -0.31 0.00	20.19 -0.48 0.00	21.45 -0.53 0.00	22.41 -0.53 0.00	21.52 -0.46 0.00	21.10 -0.54 0.00	21.14 -0.63 0.00	21.48 -0.62 0.00	23.20 -0.74 0.00	24.50 -0.73 0.00	25.04 -0.83 0.00	28.30 -1.03 0.00	30.93 -1.08 -0.31	30.50 -0.92 -0.62	31.37 -1.13 -0.27	28.80 -0.53 0.00	26.38 -0.70 -0.02	23.79 -0.54 0.00	21.51 -0.42 0.00

QUENSBRY_I15KV_TB8 356137	21.56 1.74 0.00	20.14 1.68 0.00	18.61 1.46 0.00	18.07 1.49 0.00	18.17 1.47 0.00	19.65 1.61 0.00	22.85 1.90 -0.28	25.91 2.02 -1.90	26.62 2.11 -1.58	24.75 1.98 -0.79	23.44 1.80 0.00	23.62 1.85 0.00	24.91 1.90 -0.90	27.40 2.08 -1.37	27.72 2.07 -0.42	27.94 2.07 0.00	31.70 2.46 0.09	44.07 3.17 -9.20	50.01 3.17 -16.04	42.57 3.32 -7.02	32.32 2.99 0.00	30.33 2.87 -0.40	26.78 2.46 0.00	24.01 2.08 0.00
RAMAPO____LBMP 323565	20.83 1.01 0.00	19.42 0.96 0.00	17.94 0.79 0.00	17.38 0.80 0.00	17.48 0.78 0.00	18.91 0.87 0.00	21.88 1.22 0.00	23.34 1.36 0.00	24.38 1.44 0.00	23.39 1.41 0.00	23.13 1.49 0.00	23.36 1.59 0.00	23.69 1.59 0.00	25.79 1.84 0.00	27.23 1.99 0.00	27.97 2.10 0.00	31.87 2.46 -0.09	37.13 2.54 -2.90	38.54 2.25 -5.49	36.82 2.29 -2.31	31.06 1.73 0.00	28.90 1.71 -0.13	25.88 1.56 0.00	23.35 1.43 0.00
RANKINE____ 23646	20.35 0.54 0.00	18.81 0.35 0.00	17.34 0.19 0.00	16.55 -0.03 0.00	16.80 0.10 0.00	18.46 0.41 0.00	20.87 0.21 0.00	22.07 0.09 0.00	23.03 0.09 0.00	22.16 0.18 0.00	21.75 0.11 0.00	21.75 -0.02 0.00	22.17 0.07 0.00	23.83 -0.12 0.00	25.16 -0.08 0.00	25.67 -0.21 0.00	28.77 -0.56 0.00	31.52 -0.63 -0.46	31.20 -0.52 -0.92	31.90 -0.74 -0.41	29.45 0.12 0.00	26.90 -0.19 -0.03	24.49 0.17 0.00	22.43 0.50 0.00
RAVENSWOOD_GT2_1 24244	21.10 1.29 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.53 0.94 0.00	17.65 0.95 0.00	19.14 1.10 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.47 3.05 -0.09	37.81 3.07 -3.03	39.33 2.80 -5.73	37.49 2.87 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.27 1.95 0.00	23.66 1.73 0.00
RAVENSWOOD_GT2_2 24245	21.10 1.29 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.53 0.94 0.00	17.65 0.95 0.00	19.14 1.10 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.47 3.05 -0.09	37.81 3.07 -3.03	39.33 2.80 -5.73	37.49 2.87 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.27 1.95 0.00	23.66 1.73 0.00
RAVENSWOOD_GT2_3 24246	21.10 1.29 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.53 0.94 0.00	17.67 0.97 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.47 3.05 -0.09	37.84 3.11 -3.03	39.33 2.80 -5.73	37.53 2.90 -2.40	31.56 2.23 0.00	29.28 2.08 -0.14	26.27 1.95 0.00	23.66 1.73 0.00
RAVENSWOOD_GT2_4 24247	21.10 1.29 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.53 0.94 0.00	17.67 0.97 0.00	19.14 1.10 0.00	22.17 1.51 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.47 3.05 -0.09	37.84 3.11 -3.03	39.33 2.80 -5.73	37.53 2.90 -2.40	31.56 2.23 0.00	29.28 2.08 -0.14	26.27 1.95 0.00	23.66 1.73 0.00
RAVENSWOOD_GT3_1 24248	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.53 0.94 0.00	17.65 0.95 0.00	19.14 1.10 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.47 3.05 -0.09	37.81 3.07 -3.03	39.33 2.80 -5.73	37.49 2.87 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.27 1.95 0.00	23.66 1.73 0.00
RAVENSWOOD_GT3_2 24249	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.53 0.94 0.00	17.65 0.95 0.00	19.14 1.10 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.47 3.05 -0.09	37.81 3.07 -3.03	39.33 2.80 -5.73	37.49 2.87 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.27 1.95 0.00	23.66 1.73 0.00
RAVENSWOOD_GT3_3 24250	21.08 1.27 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.58 0.99 0.00	17.68 0.99 0.00	19.09 1.05 0.00	22.17 1.51 0.00	23.67 1.69 0.00	24.77 1.83 0.00	23.74 1.76 0.00	23.48 1.84 0.00	23.75 1.98 0.00	24.09 1.99 0.00	26.29 2.35 0.00	27.73 2.50 0.00	28.49 2.61 0.00	32.50 3.08 -0.09	37.87 3.14 -3.03	39.39 2.86 -5.73	37.56 2.93 -2.40	31.47 2.14 0.00	29.28 2.08 -0.14	26.29 1.97 0.00	23.70 1.78 0.00
RAVENSWOOD_GT3_4 24251	21.12 1.31 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.54 0.96 0.00	17.67 0.97 0.00	19.16 1.12 0.00	22.19 1.53 0.00	23.67 1.69 0.00	24.77 1.84 0.00	23.76 1.78 0.00	23.44 1.80 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.36 2.42 0.00	27.81 2.58 0.00	28.51 2.64 0.00	32.53 3.11 -0.09	37.87 3.14 -3.03	39.39 2.87 -5.73	37.56 2.93 -2.40	31.59 2.26 0.00	29.31 2.11 -0.14	26.29 1.97 0.00	23.68 1.75 0.00
RAVENSWOOD_GT_1 23729	21.14 1.33 0.00	19.66 1.20 0.00	18.18 1.03 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.10 1.06 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.36 2.42 0.00	27.84 2.60 0.00	28.51 2.64 0.00	32.60 3.17 -0.10	37.98 3.23 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.50 2.17 0.00	29.28 2.08 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
RAVENSWOOD_GT_10 24258	21.04 1.23 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.67 0.97 0.00	19.07 1.03 0.00	22.13 1.47 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.70 1.71 0.00	23.46 1.82 0.00	23.70 1.94 0.00	24.07 1.97 0.00	26.25 2.30 0.00	27.68 2.45 0.00	28.46 2.59 0.00	32.44 3.02 -0.10	37.81 3.07 -3.03	39.33 2.80 -5.73	37.50 2.87 -2.40	31.42 2.08 0.00	29.26 2.06 -0.14	26.24 1.92 0.00	23.66 1.73 0.00
RAVENSWOOD_GT_11 24259	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.53 0.94 0.00	17.65 0.95 0.00	19.14 1.10 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.47 3.05 -0.10	37.81 3.07 -3.03	39.33 2.80 -5.73	37.50 2.87 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
RAVENSWOOD_GT_4 24252	21.04 1.23 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.70 1.71 0.00	23.46 1.82 0.00	23.70 1.94 0.00	24.05 1.94 0.00	26.25 2.30 0.00	27.68 2.45 0.00	28.43 2.56 0.00	32.42 2.99 -0.10	37.78 3.04 -3.04	39.31 2.77 -5.73	37.47 2.84 -2.41	31.44 2.11 0.00	29.26 2.06 -0.14	26.24 1.92 0.00	23.66 1.73 0.00

RAVENSWOOD_GT_5 24254	21.04 1.23 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.70 1.71 0.00	23.46 1.82 0.00	23.70 1.94 0.00	24.05 1.94 0.00	26.25 2.30 0.00	27.68 2.45 0.00	28.43 2.56 0.00	32.42 2.99 -0.10	37.78 3.04 -3.04	39.31 2.77 -5.73	37.47 2.84 -2.41	31.44 2.11 0.00	29.26 2.06 -0.14	26.24 1.92 0.00	23.66 1.73 0.00
RAVENSWOOD_GT_6 24253	21.04 1.23 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.70 1.71 0.00	23.46 1.82 0.00	23.70 1.94 0.00	24.05 1.94 0.00	26.25 2.30 0.00	27.68 2.45 0.00	28.43 2.56 0.00	32.42 2.99 -0.10	37.78 3.04 -3.04	39.31 2.77 -5.73	37.47 2.84 -2.41	31.44 2.11 0.00	29.26 2.06 -0.14	26.24 1.92 0.00	23.66 1.73 0.00
RAVENSWOOD_GT_7 24255	21.04 1.23 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.70 1.71 0.00	23.46 1.82 0.00	23.70 1.94 0.00	24.05 1.94 0.00	26.25 2.30 0.00	27.68 2.45 0.00	28.43 2.56 0.00	32.42 2.99 -0.10	37.78 3.04 -3.04	39.31 2.77 -5.73	37.47 2.84 -2.41	31.44 2.11 0.00	29.26 2.06 -0.14	26.24 1.92 0.00	23.66 1.73 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.04 1.23 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.67 0.97 0.00	19.07 1.03 0.00	22.13 1.47 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.70 1.71 0.00	23.46 1.82 0.00	23.70 1.94 0.00	24.07 1.97 0.00	26.25 2.30 0.00	27.68 2.45 0.00	28.46 2.59 0.00	32.44 3.02 -0.10	37.81 3.07 -3.03	39.33 2.80 -5.73	37.50 2.87 -2.40	31.42 2.08 0.00	29.26 2.06 -0.14	26.24 1.92 0.00	23.66 1.73 0.00
RAVENSWOOD_GT_9 24257	21.09 1.27 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.53 0.94 0.00	17.65 0.95 0.00	19.14 1.10 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.47 3.05 -0.10	37.81 3.07 -3.03	39.33 2.80 -5.73	37.50 2.87 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.24 1.92 0.00	23.64 1.71 0.00
RAVENSWOOD___1 23533	21.14 1.33 0.00	19.66 1.20 0.00	18.18 1.03 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.10 1.06 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.36 2.42 0.00	27.84 2.60 0.00	28.51 2.64 0.00	32.60 3.17 -0.10	37.98 3.23 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.50 2.17 0.00	29.28 2.08 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
RAVENSWOOD___2 23534	21.14 1.33 0.00	19.66 1.20 0.00	18.18 1.03 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.10 1.06 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.36 2.42 0.00	27.84 2.60 0.00	28.51 2.64 0.00	32.60 3.17 -0.10	37.98 3.23 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.50 2.17 0.00	29.28 2.08 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
RAVENSWOOD___3 23535	21.10 1.29 0.00	19.64 1.18 0.00	18.14 0.99 0.00	17.53 0.94 0.00	17.65 0.95 0.00	19.14 1.10 0.00	22.15 1.49 0.00	23.65 1.67 0.00	24.75 1.81 0.00	23.74 1.76 0.00	23.41 1.77 0.00	23.68 1.92 0.00	24.07 1.97 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.46 2.59 0.00	32.47 3.05 -0.09	37.81 3.07 -3.03	39.33 2.80 -5.73	37.49 2.87 -2.40	31.53 2.20 0.00	29.28 2.08 -0.14	26.27 1.95 0.00	23.66 1.73 0.00
RAVENSWOOD___4 23820	21.14 1.33 0.00	19.66 1.20 0.00	18.18 1.03 0.00	17.56 0.98 0.00	17.68 0.99 0.00	19.10 1.06 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.72 1.79 0.00	23.72 1.74 0.00	23.41 1.77 0.00	23.70 1.94 0.00	24.09 1.99 0.00	26.36 2.42 0.00	27.84 2.60 0.00	28.51 2.64 0.00	32.60 3.17 -0.10	37.98 3.23 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.50 2.17 0.00	29.28 2.08 -0.14	26.34 2.02 0.00	23.70 1.78 0.00
RCPL_TRUST___DRP 24196	21.06 1.25 0.00	19.64 1.18 0.00	18.13 0.98 0.00	17.58 0.99 0.00	17.68 0.99 0.00	19.10 1.06 0.00	22.17 1.51 0.00	23.70 1.71 0.00	24.77 1.83 0.00	23.74 1.76 0.00	23.50 1.86 0.00	23.77 2.00 0.00	24.11 2.01 0.00	26.32 2.37 0.00	27.73 2.50 0.00	28.49 2.61 0.00	32.50 3.08 -0.09	37.84 3.11 -3.03	39.36 2.83 -5.73	37.53 2.90 -2.40	31.47 2.14 0.00	29.28 2.08 -0.14	26.27 1.95 0.00	23.68 1.75 0.00
RED___ROCHESTER 323720	20.19 0.38 0.00	18.77 0.31 0.00	17.34 0.19 0.00	16.75 0.17 0.00	16.87 0.17 0.00	18.42 0.38 0.00	20.91 0.25 0.00	22.25 0.26 0.00	23.21 0.28 0.00	22.33 0.35 0.00	21.96 0.33 0.00	21.96 0.20 0.00	22.26 0.16 0.00	24.02 0.07 0.00	25.26 0.03 0.00	25.92 0.05 0.00	29.18 -0.15 0.00	31.99 -0.03 -0.32	31.60 0.15 -0.64	32.45 -0.06 -0.29	29.89 0.56 0.00	27.30 0.22 -0.02	24.69 0.37 0.00	22.34 0.42 0.00
REGAN___SOLAR 323812	21.70 1.88 0.00	20.23 1.77 0.00	18.71 1.56 0.00	18.16 1.58 0.00	18.29 1.59 0.00	19.84 1.80 0.00	22.74 2.05 -0.03	24.30 2.13 -0.19	25.20 2.11 -0.16	23.93 1.87 -0.08	23.37 1.73 0.00	23.42 1.65 0.00	23.85 1.66 -0.09	25.88 1.80 -0.14	27.35 2.07 -0.04	28.23 2.35 0.00	31.96 2.70 0.06	42.27 3.17 -7.40	49.02 3.36 -14.86	42.41 3.61 -6.58	32.62 3.28 0.00	30.55 3.11 -0.37	26.87 2.55 0.00	24.18 2.26 0.00
RENSSELAER___COGEN 23796	20.35 0.54 0.00	19.05 0.59 0.00	17.63 0.48 0.00	17.08 0.50 0.00	17.20 0.50 0.00	18.60 0.56 0.00	20.81 0.58 0.43	19.74 0.61 2.86	21.19 0.62 2.37	21.30 0.51 1.19	22.14 0.50 0.00	22.31 0.54 0.00	21.36 0.62 1.36	22.63 0.74 2.06	25.40 0.78 0.62	26.67 0.80 0.00	30.25 1.00 0.07	35.54 0.98 -2.86	42.05 0.89 -10.36	38.00 0.97 -4.81	30.12 0.79 0.00	28.15 0.81 -0.27	25.03 0.71 0.00	22.56 0.64 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.55 2.73 0.00	21.04 2.58 0.00	19.45 2.30 0.00	18.92 2.34 0.00	19.04 2.34 0.00	20.58 2.54 0.00	23.94 2.98 -0.30	27.17 3.19 -2.00	27.96 3.37 -1.66	25.90 3.08 -0.83	24.45 2.81 0.00	24.68 2.92 0.00	26.01 2.96 -0.95	28.63 3.23 -1.45	29.03 3.36 -0.44	29.31 3.44 0.00	33.34 4.11 0.09	45.77 4.82 -9.26	51.73 4.93 -16.00	44.38 5.16 -7.00	34.03 4.69 0.00	32.06 4.60 -0.40	28.21 3.89 0.00	25.13 3.20 0.00
REVERE_CPPR_DRP 24186	20.39 0.57 0.00	18.96 0.50 0.00	17.58 0.43 0.00	17.01 0.43 0.00	17.15 0.45 0.00	18.58 0.54 0.00	21.32 0.66 0.00	22.73 0.75 0.00	23.67 0.73 0.00	22.66 0.68 0.00	22.25 0.61 0.00	22.38 0.61 0.00	22.74 0.64 0.00	24.52 0.57 0.00	25.89 0.66 0.00	26.47 0.60 0.00	30.12 0.79 0.00	32.71 1.01 0.00	31.88 1.08 0.00	33.48 1.26 0.00	30.59 1.26 0.00	28.15 1.08 0.00	25.12 0.80 0.00	22.61 0.68 0.00

REYNOLDS_115KV_TB3 80639	20.53 0.71 0.00	19.22 0.76 0.00	17.78 0.63 0.00	17.26 0.68 0.00	17.33 0.63 0.00	18.73 0.69 0.00	20.87 0.79 0.57	18.93 0.79 3.84	20.56 0.80 3.18	21.09 0.70 1.60	22.35 0.71 0.00	22.53 0.76 0.00	21.09 0.82 1.83	22.13 0.96 2.77	25.38 0.98 0.84	26.88 1.01 0.00	30.47 1.23 0.09	35.22 1.24 -2.29	42.68 1.14 -10.74	38.49 1.22 -5.04	30.33 1.00 0.00	28.41 1.06 -0.29	25.24 0.92 0.00	22.78 0.86 0.00
RIVERBAY____ 323610	21.34 1.53 0.00	19.86 1.40 0.00	18.37 1.22 0.00	17.78 1.19 0.00	17.89 1.19 0.00	19.16 1.12 0.00	22.23 1.57 0.00	23.78 1.80 0.00	24.86 1.93 0.00	23.83 1.85 0.00	23.59 1.95 0.00	23.86 2.09 0.00	24.22 2.12 0.00	26.53 2.59 0.00	28.01 2.78 0.00	28.82 2.95 0.00	32.89 3.46 -0.10	38.29 3.55 -3.04	39.83 3.30 -5.74	38.05 3.42 -2.41	31.59 2.26 0.00	29.42 2.22 -0.14	26.68 2.36 0.00	24.03 2.10 0.00
RIVERSDE_115KV_TB3 55908	20.41 0.59 0.00	19.12 0.66 0.00	17.71 0.57 0.00	17.18 0.60 0.00	17.27 0.57 0.00	18.65 0.61 0.00	20.92 0.68 0.42	19.85 0.70 2.84	21.30 0.71 2.35	21.44 0.64 1.18	22.25 0.61 0.00	22.44 0.67 0.00	21.46 0.71 1.35	22.74 0.84 2.05	25.50 0.88 0.62	26.80 0.93 0.00	30.36 1.11 0.08	36.14 1.14 -3.30	43.08 1.05 -11.23	38.55 1.13 -5.19	30.24 0.91 0.00	28.31 0.95 -0.29	25.15 0.83 0.00	22.65 0.72 0.00
ROARING____BROOK_WT_PWR 323790	19.48 -0.34 0.00	18.13 -0.33 0.00	16.87 -0.28 0.00	16.32 -0.27 0.00	16.42 -0.28 0.00	17.68 -0.36 0.00	20.25 -0.41 0.00	21.61 -0.37 0.00	22.57 -0.37 0.00	21.63 -0.35 0.00	21.25 -0.39 0.00	21.33 -0.44 0.00	21.59 -0.51 0.00	23.28 -0.67 0.00	24.48 -0.76 0.00	25.04 -0.83 0.00	28.42 -0.91 0.00	30.84 -0.85 0.00	30.09 -0.71 0.00	31.58 -0.64 0.00	28.66 -0.67 0.00	26.44 -0.62 0.00	23.76 -0.56 0.00	21.44 -0.48 0.00
ROCHESRG_115KV_T4 355643	20.03 0.22 0.00	18.57 0.11 0.00	17.15 0.00 0.00	16.45 -0.13 0.00	16.65 -0.05 0.00	18.20 0.16 0.00	20.68 0.02 0.00	21.96 -0.02 0.00	22.93 0.00 0.00	22.03 0.04 0.00	21.60 -0.04 0.00	21.61 -0.15 0.00	21.99 -0.11 0.00	23.73 -0.22 0.00	25.06 -0.18 0.00	25.61 -0.26 0.00	28.89 -0.44 0.00	31.54 -0.48 -0.32	31.13 -0.31 -0.64	31.96 -0.55 -0.28	29.45 0.12 0.00	26.95 -0.14 -0.02	24.37 0.05 0.00	22.08 0.15 0.00
ROCHESTER_9_IC 23652	20.15 0.34 0.00	18.70 0.24 0.00	17.25 0.10 0.00	16.55 -0.03 0.00	16.75 0.05 0.00	18.31 0.27 0.00	20.81 0.14 0.00	22.11 0.13 0.00	23.10 0.16 0.00	22.20 0.22 0.00	21.75 0.11 0.00	21.77 0.00 0.00	22.14 0.04 0.00	23.90 -0.05 0.00	25.24 0.00 0.00	25.77 -0.10 0.00	29.09 -0.23 0.00	31.80 -0.22 -0.32	31.35 -0.09 -0.64	32.22 -0.29 -0.29	29.71 0.38 0.00	27.16 0.08 -0.02	24.54 0.22 0.00	22.21 0.29 0.00
ROCKVIEW_13_KV_LD 356306	21.06 1.25 0.00	19.62 1.16 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.13 1.47 0.00	23.61 1.63 0.00	24.68 1.74 0.00	23.65 1.67 0.00	23.41 1.77 0.00	23.66 1.89 0.00	24.00 1.90 0.00	26.15 2.20 0.00	27.58 2.35 0.00	28.36 2.48 0.00	32.35 2.93 -0.09	37.74 3.01 -3.03	39.30 2.77 -5.73	37.46 2.84 -2.40	31.47 2.14 0.00	29.28 2.08 -0.14	26.22 1.90 0.00	23.64 1.71 0.00
ROME____115KV_TB2 80656	20.39 0.57 0.00	18.96 0.50 0.00	17.58 0.43 0.00	17.01 0.43 0.00	17.15 0.45 0.00	18.58 0.54 0.00	21.32 0.66 0.00	22.73 0.75 0.00	23.67 0.73 0.00	22.66 0.68 0.00	22.25 0.61 0.00	22.38 0.61 0.00	22.74 0.64 0.00	24.52 0.57 0.00	25.89 0.66 0.00	26.47 0.60 0.00	30.12 0.79 0.00	32.71 1.01 0.00	31.88 1.08 0.00	33.48 1.26 0.00	30.59 1.26 0.00	28.15 1.08 0.00	25.12 0.80 0.00	22.61 0.68 0.00
ROSETON____1 23587	20.85 1.03 0.00	19.42 0.96 0.00	17.95 0.81 0.00	17.35 0.76 0.00	17.48 0.79 0.00	18.94 0.90 0.00	21.84 1.18 0.00	23.26 1.27 0.00	24.29 1.35 0.00	23.28 1.30 0.00	22.98 1.34 0.00	23.20 1.44 0.00	23.56 1.46 0.00	25.69 1.75 0.00	27.10 1.87 0.00	27.79 1.91 0.00	31.67 2.26 -0.08	37.00 2.31 -2.98	38.56 2.10 -5.66	36.74 2.13 -2.39	31.03 1.70 0.00	28.82 1.62 -0.14	25.78 1.46 0.00	23.26 1.34 0.00
ROSETON____2 23588	20.85 1.03 0.00	19.42 0.96 0.00	17.95 0.81 0.00	17.35 0.76 0.00	17.48 0.79 0.00	18.94 0.90 0.00	21.84 1.18 0.00	23.26 1.27 0.00	24.29 1.35 0.00	23.28 1.30 0.00	22.98 1.34 0.00	23.20 1.44 0.00	23.56 1.46 0.00	25.69 1.75 0.00	27.10 1.87 0.00	27.79 1.91 0.00	31.67 2.26 -0.08	37.00 2.31 -2.98	38.56 2.10 -5.66	36.74 2.13 -2.39	31.03 1.70 0.00	28.82 1.62 -0.14	25.78 1.46 0.00	23.26 1.34 0.00
ROTTDAM_115KV_TB3 80664	20.69 0.87 0.00	19.31 0.85 0.00	17.89 0.74 0.00	17.33 0.75 0.00	17.43 0.73 0.00	18.83 0.79 0.00	21.67 0.97 -0.03	23.21 1.01 -0.22	24.15 1.03 -0.18	23.04 0.97 -0.09	22.57 0.93 0.00	22.75 0.98 0.00	23.22 1.02 -0.10	25.26 1.15 -0.16	26.50 1.21 -0.05	27.14 1.27 0.00	30.75 1.50 0.07	41.65 1.62 -8.33	49.10 1.57 -16.73	41.25 1.61 -7.41	30.71 1.38 0.00	28.86 1.38 -0.42	25.51 1.19 0.00	22.98 1.05 0.00
RUSSELL____1 23602	20.27 0.46 0.00	18.79 0.33 0.00	17.34 0.19 0.00	16.63 0.05 0.00	16.83 0.13 0.00	18.40 0.36 0.00	20.91 0.25 0.00	22.25 0.26 0.00	23.23 0.30 0.00	22.34 0.35 0.00	21.86 0.22 0.00	21.88 0.11 0.00	22.26 0.15 0.00	24.02 0.07 0.00	25.39 0.15 0.00	25.92 0.05 0.00	29.27 -0.06 0.00	32.02 0.00 -0.32	31.57 0.12 -0.64	32.42 -0.10 -0.29	29.92 0.59 0.00	27.32 0.24 -0.02	24.68 0.36 0.00	22.34 0.42 0.00
RUSSELL____2 23532	20.27 0.46 0.00	18.79 0.33 0.00	17.34 0.19 0.00	16.63 0.05 0.00	16.83 0.13 0.00	18.40 0.36 0.00	20.91 0.25 0.00	22.25 0.26 0.00	23.23 0.30 0.00	22.34 0.35 0.00	21.86 0.22 0.00	21.88 0.11 0.00	22.26 0.15 0.00	24.02 0.07 0.00	25.39 0.15 0.00	25.92 0.05 0.00	29.27 -0.06 0.00	32.02 0.00 -0.32	31.57 0.12 -0.64	32.42 -0.10 -0.29	29.92 0.59 0.00	27.32 0.24 -0.02	24.68 0.36 0.00	22.34 0.42 0.00
RUSSELL____3 23549	20.27 0.46 0.00	18.79 0.33 0.00	17.34 0.19 0.00	16.63 0.05 0.00	16.83 0.13 0.00	18.40 0.36 0.00	20.91 0.25 0.00	22.25 0.26 0.00	23.23 0.30 0.00	22.34 0.35 0.00	21.86 0.22 0.00	21.88 0.11 0.00	22.26 0.15 0.00	24.02 0.07 0.00	25.39 0.15 0.00	25.92 0.05 0.00	29.27 -0.06 0.00	32.02 0.00 -0.32	31.57 0.12 -0.64	32.42 -0.10 -0.29	29.92 0.59 0.00	27.32 0.24 -0.02	24.68 0.36 0.00	22.34 0.42 0.00
RUSSELL____4 23556	20.27 0.46 0.00	18.79 0.33 0.00	17.34 0.19 0.00	16.63 0.05 0.00	16.83 0.13 0.00	18.40 0.36 0.00	20.91 0.25 0.00	22.25 0.26 0.00	23.23 0.30 0.00	22.34 0.35 0.00	21.86 0.22 0.00	21.88 0.11 0.00	22.26 0.15 0.00	24.02 0.07 0.00	25.39 0.15 0.00	25.92 0.05 0.00	29.27 -0.06 0.00	32.02 0.00 -0.32	31.57 0.12 -0.64	32.42 -0.10 -0.29	29.92 0.59 0.00	27.32 0.24 -0.02	24.68 0.36 0.00	22.34 0.42 0.00

RUSSELL___STATION 23914	20.27 0.46 0.00	18.79 0.33 0.00	17.34 0.19 0.00	16.63 0.05 0.00	16.83 0.13 0.00	18.40 0.36 0.00	20.91 0.25 0.00	22.25 0.26 0.00	23.23 0.30 0.00	22.34 0.35 0.00	21.86 0.22 0.00	21.88 0.11 0.00	22.26 0.15 0.00	24.02 0.07 0.00	25.39 0.15 0.00	25.92 0.05 0.00	29.27 -0.06 0.00	32.02 0.00 -0.32	31.57 0.12 -0.64	32.42 -0.10 -0.29	29.92 0.59 0.00	27.32 0.24 -0.02	24.68 0.36 0.00	22.34 0.42 0.00
S SALMON___HYD 24043	19.78 -0.04 0.00	18.40 -0.06 0.00	17.06 -0.09 0.00	16.52 -0.07 0.00	16.65 -0.05 0.00	18.02 -0.02 0.00	20.64 -0.02 0.00	21.92 -0.07 0.00	22.87 -0.07 0.00	21.92 -0.07 0.00	21.53 -0.11 0.00	21.66 -0.11 0.00	21.99 -0.11 0.00	23.78 -0.17 0.00	25.09 -0.15 0.00	25.69 -0.18 0.00	29.06 -0.26 0.00	31.41 -0.29 0.00	30.62 -0.18 0.00	32.10 -0.13 0.00	29.39 0.06 0.00	27.15 0.08 0.00	24.32 0.00 0.00	21.90 -0.02 0.00
S.PERRY___115KV_TB1 80734	20.77 0.95 0.00	19.25 0.79 0.00	17.75 0.60 0.00	17.01 0.43 0.00	17.23 0.53 0.00	18.89 0.85 0.00	21.41 0.74 0.00	22.64 0.66 0.00	23.49 0.55 0.00	22.49 0.51 0.00	22.05 0.41 0.00	22.03 0.26 0.00	22.43 0.33 0.00	24.16 0.22 0.00	25.54 0.30 0.00	26.34 0.47 0.00	29.71 0.38 0.00	32.59 0.41 -0.47	32.25 0.49 -0.96	33.23 0.58 -0.42	30.71 1.38 0.00	28.06 0.97 -0.02	25.39 1.07 0.00	23.02 1.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.17 0.36 0.00	18.66 0.20 0.00	17.20 0.05 0.00	16.40 -0.18 0.00	16.65 -0.05 0.00	18.29 0.25 0.00	20.66 0.00 0.00	21.85 -0.13 0.00	22.80 -0.14 0.00	21.94 -0.04 0.00	21.53 -0.11 0.00	21.53 -0.24 0.00	21.95 -0.15 0.00	23.59 -0.36 0.00	24.88 -0.35 0.00	25.38 -0.49 0.00	28.47 -0.85 0.00	31.15 -0.98 -0.43	30.84 -0.83 -0.87	31.52 -1.10 -0.39	29.16 -0.18 0.00	26.60 -0.49 -0.02	24.25 -0.07 0.00	22.21 0.29 0.00
SAWYER___23_KV_LOAD 55526	20.17 0.36 0.00	18.66 0.20 0.00	17.20 0.05 0.00	16.40 -0.18 0.00	16.65 -0.05 0.00	18.29 0.25 0.00	20.66 0.00 0.00	21.85 -0.13 0.00	22.80 -0.14 0.00	21.94 -0.04 0.00	21.53 -0.11 0.00	21.53 -0.24 0.00	21.95 -0.15 0.00	23.59 -0.36 0.00	24.88 -0.35 0.00	25.38 -0.49 0.00	28.47 -0.85 0.00	31.15 -0.98 -0.43	30.84 -0.83 -0.87	31.52 -1.10 -0.39	29.16 -0.18 0.00	26.60 -0.49 -0.02	24.25 -0.07 0.00	22.21 0.29 0.00
SELKIRK___I 23801	20.55 0.73 0.00	19.22 0.76 0.00	17.78 0.63 0.00	17.23 0.65 0.00	17.35 0.65 0.00	18.78 0.74 0.00	21.18 0.76 0.25	21.14 0.81 1.65	22.37 0.80 1.37	22.00 0.70 0.69	22.31 0.67 0.00	22.48 0.72 0.00	22.07 0.75 0.79	23.64 0.89 1.19	25.81 0.93 0.36	26.83 0.96 0.00	30.45 1.17 0.05	36.06 1.20 -3.15	40.98 1.14 -9.03	37.59 1.22 -4.13	30.39 1.05 0.00	28.35 1.05 -0.23	25.24 0.92 0.00	22.76 0.83 0.00
SELKIRK___II 23799	20.43 0.61 0.00	19.09 0.63 0.00	17.68 0.53 0.00	17.11 0.53 0.00	17.23 0.53 0.00	18.65 0.61 0.00	21.04 0.66 0.28	20.81 0.70 1.87	22.09 0.71 1.55	21.82 0.61 0.78	22.24 0.61 0.00	22.42 0.65 0.00	21.92 0.71 0.89	23.43 0.84 1.35	25.71 0.88 0.41	26.78 0.91 0.00	30.38 1.11 0.06	35.94 1.11 -3.14	41.18 1.01 -9.36	37.59 1.06 -4.30	30.21 0.88 0.00	28.20 0.89 -0.24	25.12 0.80 0.00	22.65 0.72 0.00
SENECA OSWGO___HYD 24041	19.58 -0.24 0.00	18.24 -0.22 0.00	16.89 -0.26 0.00	16.33 -0.25 0.00	16.47 -0.23 0.00	17.84 -0.20 0.00	20.39 -0.27 0.00	21.65 -0.33 0.00	22.59 -0.34 0.00	21.68 -0.31 0.00	21.34 -0.30 0.00	21.44 -0.33 0.00	21.77 -0.33 0.00	23.59 -0.36 0.00	24.86 -0.38 0.00	25.51 -0.36 0.00	28.91 -0.41 0.00	31.19 -0.51 0.00	30.34 -0.46 0.00	31.74 -0.48 0.00	29.04 -0.29 0.00	26.74 -0.32 0.00	24.03 -0.29 0.00	21.66 -0.26 0.00
SENECA___115KV_TB3 355854	20.37 0.55 0.00	18.85 0.39 0.00	17.35 0.21 0.00	16.57 -0.02 0.00	16.82 0.12 0.00	18.47 0.43 0.00	20.91 0.25 0.00	22.11 0.13 0.00	23.07 0.14 0.00	22.20 0.22 0.00	21.79 0.15 0.00	21.77 0.00 0.00	22.21 0.11 0.00	23.88 -0.07 0.00	25.19 -0.05 0.00	25.69 -0.18 0.00	28.83 -0.50 0.00	31.55 -0.60 -0.46	31.26 -0.46 -0.92	31.93 -0.71 -0.41	29.51 0.18 0.00	26.95 -0.14 -0.03	24.52 0.19 0.00	22.47 0.55 0.00
SENECA___ENERGY 23797	19.96 0.14 0.00	18.59 0.13 0.00	17.20 0.05 0.00	16.62 0.03 0.00	16.75 0.05 0.00	18.24 0.20 0.00	20.87 0.21 0.00	22.16 0.18 0.00	23.10 0.16 0.00	22.14 0.15 0.00	21.77 0.13 0.00	21.85 0.09 0.00	22.17 0.07 0.00	23.97 0.02 0.00	25.26 0.03 0.00	25.95 0.08 0.00	29.35 0.03 0.00	32.17 0.13 -0.34	31.68 0.19 -0.69	32.66 0.13 -0.31	29.77 0.44 0.00	27.30 0.22 -0.02	24.56 0.24 0.00	22.17 0.24 0.00
SHOEMAKER___GT 23640	20.73 0.91 0.00	19.33 0.87 0.00	17.85 0.70 0.00	17.26 0.68 0.00	17.38 0.68 0.00	18.83 0.79 0.00	21.72 1.05 0.00	23.10 1.12 0.00	24.13 1.19 0.00	23.13 1.14 0.00	22.81 1.17 0.00	23.01 1.24 0.00	23.36 1.26 0.00	25.46 1.51 0.00	26.85 1.62 0.00	27.53 1.66 0.00	31.37 1.97 -0.08	36.47 2.03 -2.74	37.85 1.85 -5.20	36.32 1.90 -2.19	30.89 1.55 0.00	28.65 1.46 -0.12	25.61 1.29 0.00	23.13 1.21 0.00
SHOEMAKR_138KV_BK 111 55601	20.69 0.87 0.00	19.29 0.83 0.00	17.83 0.69 0.00	17.26 0.68 0.00	17.38 0.68 0.00	18.78 0.74 0.00	21.70 1.03 0.00	23.10 1.12 0.00	24.13 1.19 0.00	23.10 1.12 0.00	22.83 1.19 0.00	23.03 1.26 0.00	23.36 1.26 0.00	25.41 1.46 0.00	26.80 1.56 0.00	27.53 1.66 0.00	31.37 1.96 -0.08	36.48 2.06 -2.72	37.81 1.85 -5.16	36.31 1.90 -2.18	30.80 1.47 0.00	28.62 1.43 -0.12	25.61 1.29 0.00	23.13 1.21 0.00
SHOREHAM_IC_1 23715	23.20 1.51 -1.88	20.98 1.33 -1.19	18.35 1.20 0.00	17.71 1.13 0.00	17.85 1.15 0.00	19.41 1.37 0.00	22.33 1.67 0.00	24.36 1.76 -0.62	25.46 1.86 -0.67	25.77 1.89 -1.90	24.94 1.88 -1.42	26.38 2.07 -2.54	30.16 2.01 -6.04	28.41 2.56 -1.90	31.85 2.58 -4.04	33.54 2.72 -4.95	37.92 3.31 -5.28	43.59 3.39 -8.50	48.11 3.36 -13.95	40.07 3.32 -4.52	32.95 2.82 -0.80	29.89 2.41 -0.42	27.92 2.43 -1.17	25.01 2.13 -0.96
SHOREHAM_IC_2 23716	23.20 1.51 -1.88	20.98 1.33 -1.19	18.35 1.20 0.00	17.71 1.13 0.00	17.85 1.15 0.00	19.41 1.37 0.00	22.33 1.67 0.00	24.36 1.76 -0.62	25.46 1.86 -0.67	25.77 1.89 -1.90	24.94 1.88 -1.42	26.38 2.07 -2.54	30.16 2.01 -6.04	28.41 2.56 -1.90	31.85 2.58 -4.04	33.54 2.72 -4.95	37.92 3.31 -5.28	43.59 3.39 -8.50	48.11 3.36 -13.95	40.07 3.32 -4.52	32.95 2.82 -0.80	29.89 2.41 -0.42	27.92 2.43 -1.17	25.01 2.13 -0.96
SISSONVILLE___ 23735	19.72 -0.10 0.00	18.29 -0.17 0.00	17.08 -0.07 0.00	16.50 -0.08 0.00	16.62 -0.08 0.00	17.91 -0.13 0.00	20.52 -0.14 0.00	21.94 -0.04 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.53 -0.11 0.00	21.57 -0.20 0.00	21.88 -0.22 0.00	23.59 -0.36 0.00	24.83 -0.40 0.00	25.28 -0.60 0.00	28.18 -1.14 0.00	30.43 -1.27 0.00	29.75 -1.05 0.00	31.36 -0.87 0.00	28.51 -0.82 0.00	26.39 -0.68 0.00	23.88 -0.44 0.00	21.62 -0.31 0.00

SITHE_IND_GS1 24169	19.36 -0.45 0.00	18.04 -0.42 0.00	16.72 -0.43 0.00	16.17 -0.41 0.00	16.28 -0.42 0.00	17.64 -0.40 0.00	20.17 -0.50 0.00	21.39 -0.59 0.00	22.29 -0.64 0.00	21.39 -0.59 0.00	21.06 -0.58 0.00	21.16 -0.61 0.00	21.48 -0.62 0.00	23.25 -0.70 0.00	24.50 -0.73 0.00	25.12 -0.75 0.00	28.45 -0.88 0.00	30.78 -0.92 0.00	29.91 -0.89 0.00	31.26 -0.97 0.00	28.60 -0.73 0.00	26.34 -0.73 0.00	23.69 -0.63 0.00	21.36 -0.57 0.00
SITHE_IND_GS2 24170	19.36 -0.45 0.00	18.04 -0.42 0.00	16.72 -0.43 0.00	16.17 -0.41 0.00	16.28 -0.42 0.00	17.64 -0.40 0.00	20.17 -0.50 0.00	21.39 -0.59 0.00	22.29 -0.64 0.00	21.39 -0.59 0.00	21.06 -0.58 0.00	21.16 -0.61 0.00	21.48 -0.62 0.00	23.25 -0.70 0.00	24.50 -0.73 0.00	25.12 -0.75 0.00	28.45 -0.88 0.00	30.78 -0.92 0.00	29.91 -0.89 0.00	31.26 -0.97 0.00	28.60 -0.73 0.00	26.34 -0.73 0.00	23.69 -0.63 0.00	21.36 -0.57 0.00
SITHE_IND_GS3 24171	19.36 -0.45 0.00	18.04 -0.42 0.00	16.72 -0.43 0.00	16.17 -0.41 0.00	16.28 -0.42 0.00	17.64 -0.40 0.00	20.17 -0.50 0.00	21.39 -0.59 0.00	22.29 -0.64 0.00	21.39 -0.59 0.00	21.06 -0.58 0.00	21.16 -0.61 0.00	21.48 -0.62 0.00	23.25 -0.70 0.00	24.50 -0.73 0.00	25.12 -0.75 0.00	28.45 -0.88 0.00	30.78 -0.92 0.00	29.91 -0.89 0.00	31.26 -0.97 0.00	28.60 -0.73 0.00	26.34 -0.73 0.00	23.69 -0.63 0.00	21.36 -0.57 0.00
SITHE_IND_GS4 24172	19.36 -0.45 0.00	18.04 -0.42 0.00	16.72 -0.43 0.00	16.17 -0.41 0.00	16.28 -0.42 0.00	17.64 -0.40 0.00	20.17 -0.50 0.00	21.39 -0.59 0.00	22.29 -0.64 0.00	21.39 -0.59 0.00	21.06 -0.58 0.00	21.16 -0.61 0.00	21.48 -0.62 0.00	23.25 -0.70 0.00	24.50 -0.73 0.00	25.12 -0.75 0.00	28.45 -0.88 0.00	30.78 -0.92 0.00	29.91 -0.89 0.00	31.26 -0.97 0.00	28.60 -0.73 0.00	26.34 -0.73 0.00	23.69 -0.63 0.00	21.36 -0.57 0.00
SITHE___BATAVIA 24024	20.39 0.58 0.00	18.94 0.48 0.00	17.46 0.31 0.00	16.86 0.28 0.00	16.98 0.28 0.00	18.62 0.58 0.00	21.03 0.37 0.00	22.33 0.35 0.00	23.30 0.37 0.00	22.40 0.42 0.00	22.03 0.39 0.00	21.98 0.22 0.00	22.26 0.16 0.00	23.95 0.00 0.00	25.11 -0.13 0.00	25.77 -0.10 0.00	28.89 -0.44 0.00	31.79 -0.29 0.00	31.53 -0.03 0.00	32.31 -0.26 0.00	29.95 0.62 0.00	27.25 0.16 -0.02	24.78 0.46 0.00	22.54 0.61 0.00
SITHE___INDEPEND 23800	19.36 -0.46 0.00	18.03 -0.42 0.00	16.72 -0.43 0.00	16.15 -0.43 0.00	16.28 -0.42 0.00	17.63 -0.41 0.00	20.17 -0.50 0.00	21.39 -0.59 0.00	22.29 -0.64 0.00	21.39 -0.59 0.00	21.03 -0.61 0.00	21.14 -0.63 0.00	21.48 -0.62 0.00	23.25 -0.69 0.00	24.53 -0.71 0.00	25.12 -0.75 0.00	28.47 -0.85 0.00	30.78 -0.92 0.00	29.91 -0.89 0.00	31.26 -0.97 0.00	28.60 -0.73 0.00	26.33 -0.73 0.00	23.69 -0.63 0.00	21.36 -0.57 0.00
SITHE___MASSENA 23902	19.66 -0.16 0.00	18.26 -0.20 0.00	17.06 -0.09 0.00	16.48 -0.10 0.00	16.58 -0.12 0.00	17.84 -0.20 0.00	20.44 -0.23 0.00	21.81 -0.18 0.00	22.78 -0.16 0.00	21.85 -0.13 0.00	21.47 -0.17 0.00	21.53 -0.24 0.00	21.84 -0.26 0.00	23.59 -0.36 0.00	24.86 -0.38 0.00	25.43 -0.44 0.00	28.77 -0.56 0.00	31.16 -0.54 0.00	30.34 -0.46 0.00	31.84 -0.39 0.00	28.86 -0.47 0.00	26.63 -0.43 0.00	23.98 -0.34 0.00	21.64 -0.29 0.00
SITHE___OGDNSBRG 24021	19.82 0.00 0.00	18.39 -0.07 0.00	17.18 0.03 0.00	16.62 0.03 0.00	16.73 0.03 0.00	18.06 0.02 0.00	20.64 -0.02 0.00	22.09 0.11 0.00	23.03 0.09 0.00	22.12 0.13 0.00	21.68 0.04 0.00	21.72 -0.04 0.00	22.03 -0.07 0.00	23.76 -0.19 0.00	25.03 -0.20 0.00	25.56 -0.31 0.00	28.74 -0.59 0.00	31.13 -0.57 0.00	30.43 -0.37 0.00	32.03 -0.19 0.00	29.10 -0.23 0.00	26.90 -0.16 0.00	24.20 -0.12 0.00	21.82 -0.11 0.00
SITHE___STERLING 23777	20.25 0.44 0.00	18.86 0.41 0.00	17.47 0.33 0.00	16.91 0.33 0.00	17.05 0.35 0.00	18.47 0.43 0.00	21.18 0.52 0.00	22.53 0.55 0.00	23.48 0.55 0.00	22.51 0.53 0.00	22.12 0.48 0.00	22.25 0.48 0.00	22.59 0.49 0.00	24.40 0.45 0.00	25.74 0.50 0.00	26.36 0.49 0.00	29.94 0.62 0.00	32.49 0.79 0.00	31.60 0.80 0.00	33.16 0.94 0.00	30.30 0.97 0.00	27.90 0.84 0.00	24.95 0.63 0.00	22.47 0.55 0.00
SLEIGHT__34_KV_TB1 80719	20.31 0.50 0.00	18.92 0.46 0.00	17.47 0.33 0.00	16.85 0.27 0.00	17.02 0.32 0.00	18.55 0.51 0.00	21.24 0.58 0.00	22.60 0.62 0.00	23.58 0.64 0.00	22.62 0.64 0.00	22.18 0.54 0.00	22.25 0.48 0.00	22.61 0.51 0.00	24.45 0.50 0.00	25.82 0.58 0.00	26.49 0.62 0.00	30.00 0.67 0.00	32.78 0.76 -0.32	32.27 0.83 -0.64	33.32 0.81 -0.28	30.42 1.09 0.00	27.87 0.78 -0.02	25.05 0.73 0.00	22.52 0.59 0.00
SOUTH CAIRO___GT 23612	20.87 1.05 0.00	19.55 1.09 0.00	18.02 0.87 0.00	17.49 0.91 0.00	17.60 0.90 0.00	19.07 1.03 0.00	21.70 1.28 0.24	22.98 1.34 1.61	22.46 1.38 1.33	22.57 1.14 0.67	22.70 0.93 0.00	22.48 0.94 0.00	22.48 1.15 0.77	24.05 1.27 1.16	26.10 1.21 0.35	27.11 1.24 0.00	31.08 1.79 0.03	36.36 1.65 -3.01	41.17 1.75 -8.61	38.05 1.90 -3.92	31.12 1.79 0.00	28.94 1.65 -0.22	25.78 1.46 0.00	23.22 1.29 0.00
SOUTH HAMPTN___IC 23720	23.59 1.92 -1.85	21.33 1.70 -1.17	18.71 1.56 0.00	18.04 1.46 0.00	18.18 1.49 0.00	19.79 1.75 0.00	22.77 2.11 0.00	24.84 2.24 -0.61	25.96 2.36 -0.66	26.27 2.42 -1.87	25.47 2.42 -1.40	26.89 2.61 -2.51	30.65 2.58 -5.96	29.00 3.19 -1.87	32.47 3.26 -3.98	34.20 3.44 -4.88	38.67 4.14 -5.21	44.46 4.34 -8.42	49.03 4.28 -13.95	41.02 4.29 -4.51	33.78 3.67 -0.79	30.61 3.14 -0.41	28.51 3.04 -1.15	25.55 2.67 -0.95
SOUTHDOW_115KV_TB1 355954	20.97 1.15 0.00	19.42 0.96 0.00	17.89 0.74 0.00	17.11 0.53 0.00	17.37 0.67 0.00	19.10 1.06 0.00	21.72 1.05 0.00	23.12 1.14 0.00	24.15 1.22 0.00	23.26 1.28 0.00	22.85 1.21 0.00	22.68 0.91 0.00	23.12 1.02 0.00	24.79 0.84 0.00	26.17 0.93 0.00	26.68 0.80 0.00	29.88 0.56 0.00	32.59 0.38 -0.51	32.32 0.49 -1.02	33.26 0.58 -0.46	30.71 1.38 0.00	28.15 1.06 -0.03	25.54 1.22 0.00	23.39 1.47 0.00
SOUTHOLD_69_KV_BK 2 55809	23.89 2.22 -1.86	21.62 1.99 -1.17	18.93 1.78 0.00	18.24 1.66 0.00	18.38 1.69 0.00	20.00 1.97 0.00	23.03 2.38 0.00	25.23 2.64 -0.61	26.40 2.80 -0.66	26.56 2.70 -1.87	25.92 2.88 -1.40	27.39 3.11 -2.51	31.16 3.09 -5.97	29.27 3.45 -1.87	33.06 3.84 -3.98	34.87 4.11 -4.89	39.47 4.93 -5.21	45.51 5.39 -8.43	50.20 5.45 -13.95	42.31 5.58 -4.51	34.58 4.46 -0.79	31.59 4.11 -0.41	29.20 3.72 -1.16	26.12 3.25 -0.95
SOUTHOLD___IC 23719	23.95 2.28 -1.86	21.66 2.03 -1.17	19.01 1.87 0.00	18.32 1.74 0.00	18.48 1.79 0.00	20.11 2.07 0.00	23.14 2.48 0.00	25.25 2.66 -0.61	26.39 2.80 -0.66	26.73 2.88 -1.87	25.92 2.88 -1.40	27.35 3.07 -2.51	31.14 3.07 -5.97	29.55 3.73 -1.87	33.08 3.86 -3.98	34.82 4.06 -4.89	39.41 4.87 -5.21	45.32 5.20 -8.43	49.89 5.14 -13.95	41.96 5.22 -4.51	34.58 4.46 -0.79	31.29 3.82 -0.41	29.10 3.62 -1.16	26.03 3.16 -0.95

SPIERFLS_115KV_TB1 80737	21.44 1.62 0.00	20.03 1.57 0.00	18.52 1.37 0.00	17.97 1.39 0.00	18.07 1.37 0.00	19.54 1.50 0.00	22.71 1.78 -0.27	25.67 1.87 -1.82	26.39 1.95 -1.51	24.57 1.82 -0.76	23.28 1.64 0.00	23.47 1.70 0.00	24.73 1.77 -0.87	27.20 1.94 -1.31	27.55 1.92 -0.40	27.76 1.89 0.00	31.50 2.26 0.08	43.81 2.95 -9.16	49.83 2.96 -16.07	42.36 3.09 -7.04	32.12 2.79 0.00	30.14 2.68 -0.40	26.61 2.29 0.00	23.86 1.93 0.00
ST LAWRENCE____ 23600	19.46 -0.36 0.00	18.09 -0.37 0.00	16.89 -0.26 0.00	16.33 -0.25 0.00	16.43 -0.27 0.00	17.66 -0.38 0.00	20.23 -0.43 0.00	21.59 -0.40 0.00	22.54 -0.39 0.00	21.61 -0.37 0.00	21.25 -0.39 0.00	21.33 -0.44 0.00	21.64 -0.47 0.00	23.37 -0.57 0.00	24.63 -0.61 0.00	25.23 -0.65 0.00	28.56 -0.76 0.00	30.94 -0.76 0.00	30.12 -0.68 0.00	31.58 -0.64 0.00	28.63 -0.70 0.00	26.44 -0.62 0.00	23.76 -0.56 0.00	21.42 -0.50 0.00
STATE_CA_115KV_115_LB 55624	20.41 0.59 0.00	19.12 0.66 0.00	17.71 0.57 0.00	17.18 0.60 0.00	17.27 0.57 0.00	18.65 0.61 0.00	21.02 0.66 0.31	20.66 0.73 2.05	21.97 0.73 1.70	21.77 0.64 0.85	22.25 0.61 0.00	22.44 0.67 0.00	21.83 0.71 0.97	23.31 0.84 1.48	25.70 0.91 0.45	26.80 0.93 0.00	30.40 1.14 0.07	37.22 1.17 -4.35	44.02 1.08 -12.14	38.93 1.16 -5.54	30.27 0.94 0.00	28.35 0.97 -0.31	25.15 0.83 0.00	22.65 0.72 0.00
STATE_ST_34_KV_LOAD 55959	20.17 0.36 0.00	18.79 0.33 0.00	17.39 0.24 0.00	16.80 0.22 0.00	16.93 0.23 0.00	18.40 0.36 0.00	21.10 0.43 0.00	22.40 0.42 0.00	23.37 0.44 0.00	22.40 0.42 0.00	22.01 0.37 0.00	22.09 0.33 0.00	22.45 0.35 0.00	24.26 0.31 0.00	25.61 0.38 0.00	26.31 0.44 0.00	29.82 0.50 0.00	32.61 0.57 -0.34	32.10 0.62 -0.68	33.14 0.61 -0.30	30.15 0.82 0.00	27.70 0.62 -0.02	24.86 0.54 0.00	22.39 0.46 0.00
STATION 5_MISC_HYD 23604	20.09 0.28 0.00	18.68 0.22 0.00	17.25 0.10 0.00	16.67 0.08 0.00	16.78 0.08 0.00	18.33 0.29 0.00	20.81 0.15 0.00	22.11 0.13 0.00	23.07 0.14 0.00	22.20 0.22 0.00	21.83 0.19 0.00	21.85 0.09 0.00	22.14 0.04 0.00	23.90 -0.05 0.00	25.11 -0.13 0.00	25.77 -0.10 0.00	29.00 -0.32 0.00	31.80 -0.22 -0.32	31.38 -0.06 -0.64	32.22 -0.29 -0.29	29.69 0.35 0.00	27.11 0.03 -0.02	24.54 0.22 0.00	22.23 0.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.11 0.30 0.00	18.68 0.22 0.00	17.25 0.10 0.00	16.58 0.00 0.00	16.77 0.07 0.00	18.31 0.27 0.00	20.87 0.21 0.00	22.22 0.24 0.00	23.19 0.25 0.00	22.27 0.29 0.00	21.81 0.17 0.00	21.85 0.09 0.00	22.21 0.11 0.00	24.00 0.05 0.00	25.36 0.13 0.00	25.92 0.05 0.00	29.30 -0.03 0.00	32.02 0.00 -0.32	31.57 0.12 -0.64	32.48 -0.03 -0.29	29.86 0.53 0.00	27.32 0.24 -0.02	24.61 0.29 0.00	22.23 0.31 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.01 0.20 0.00	18.55 0.09 0.00	17.11 -0.03 0.00	16.43 -0.15 0.00	16.63 -0.07 0.00	18.18 0.14 0.00	20.68 0.02 0.00	21.98 0.00 0.00	22.96 0.02 0.00	22.07 0.09 0.00	21.62 -0.02 0.00	21.64 -0.13 0.00	22.01 -0.09 0.00	23.78 -0.17 0.00	25.11 -0.13 0.00	25.67 -0.21 0.00	28.97 -0.35 0.00	31.67 -0.35 -0.32	31.22 -0.22 -0.64	32.06 -0.45 -0.28	29.54 0.21 0.00	27.03 -0.05 -0.02	24.39 0.07 0.00	22.06 0.13 0.00
STA_56____34_KV_BUS2 355983	20.01 0.20 0.00	18.55 0.09 0.00	17.11 -0.03 0.00	16.43 -0.15 0.00	16.63 -0.07 0.00	18.18 0.14 0.00	20.68 0.02 0.00	21.98 0.00 0.00	22.96 0.02 0.00	22.07 0.09 0.00	21.62 -0.02 0.00	21.64 -0.13 0.00	22.01 -0.09 0.00	23.78 -0.17 0.00	25.11 -0.13 0.00	25.67 -0.21 0.00	28.97 -0.35 0.00	31.67 -0.35 -0.32	31.22 -0.22 -0.64	32.06 -0.45 -0.28	29.54 0.21 0.00	27.03 -0.05 -0.02	24.39 0.07 0.00	22.06 0.13 0.00
STA_67____115KV_BK2 355882	20.11 0.30 0.00	18.64 0.18 0.00	17.22 0.07 0.00	16.52 -0.07 0.00	16.72 0.02 0.00	18.27 0.23 0.00	20.77 0.10 0.00	22.05 0.07 0.00	23.03 0.09 0.00	22.14 0.15 0.00	21.68 0.04 0.00	21.70 -0.07 0.00	22.08 -0.02 0.00	23.83 -0.12 0.00	25.19 -0.05 0.00	25.72 -0.16 0.00	29.00 -0.32 0.00	31.70 -0.32 -0.32	31.26 -0.18 -0.64	32.13 -0.39 -0.29	29.63 0.29 0.00	27.08 0.00 -0.02	24.47 0.15 0.00	22.17 0.24 0.00
STA_7____115KV_9TRANS 80674	20.27 0.46 0.00	18.79 0.33 0.00	17.34 0.19 0.00	16.63 0.05 0.00	16.83 0.13 0.00	18.40 0.36 0.00	20.91 0.25 0.00	22.25 0.26 0.00	23.23 0.30 0.00	22.34 0.35 0.00	21.86 0.22 0.00	21.88 0.11 0.00	22.26 0.15 0.00	24.02 0.07 0.00	25.39 0.15 0.00	25.92 0.05 0.00	29.27 -0.06 0.00	32.02 0.00 -0.32	31.57 0.12 -0.64	32.42 -0.10 -0.29	29.92 0.59 0.00	27.32 0.24 -0.02	24.68 0.36 0.00	22.34 0.42 0.00
STA_82____115KV_TB1 80780	20.13 0.32 0.00	18.66 0.20 0.00	17.22 0.07 0.00	16.53 -0.05 0.00	16.73 0.03 0.00	18.29 0.25 0.00	20.77 0.10 0.00	22.07 0.09 0.00	23.05 0.11 0.00	22.16 0.18 0.00	21.70 0.06 0.00	21.72 -0.04 0.00	22.10 0.00 0.00	23.85 -0.10 0.00	25.19 -0.05 0.00	25.74 -0.13 0.00	29.03 -0.29 0.00	31.73 -0.29 -0.32	31.29 -0.15 -0.65	32.16 -0.35 -0.29	29.63 0.29 0.00	27.08 0.00 -0.02	24.49 0.17 0.00	22.17 0.24 0.00
STEEL____WIND 323596	20.25 0.44 0.00	18.81 0.35 0.00	17.36 0.21 0.00	16.71 0.13 0.00	16.85 0.15 0.00	18.47 0.43 0.00	20.89 0.23 0.00	22.09 0.11 0.00	23.05 0.12 0.00	22.18 0.20 0.00	21.90 0.26 0.00	21.88 0.11 0.00	22.17 0.07 0.00	23.85 -0.10 0.00	24.96 -0.28 0.00	25.67 -0.21 0.00	28.62 -0.70 0.00	31.53 -0.63 -0.46	31.27 -0.46 -0.93	31.93 -0.71 -0.41	29.45 0.12 0.00	26.87 -0.22 -0.03	24.49 0.17 0.00	22.47 0.55 0.00
STEPHTWN_115KV_BK_2 55603	20.53 0.71 0.00	19.23 0.78 0.00	17.82 0.67 0.00	17.28 0.70 0.00	17.37 0.67 0.00	18.76 0.72 0.00	21.06 0.83 0.43	20.01 0.88 2.86	21.46 0.89 2.37	21.56 0.77 1.19	22.35 0.71 0.00	22.55 0.78 0.00	21.56 0.82 1.36	22.84 0.96 2.06	25.62 1.01 0.62	26.93 1.06 0.00	30.57 1.32 0.07	35.92 1.36 -2.86	42.45 1.29 -10.36	38.42 1.39 -4.81	30.48 1.14 0.00	28.50 1.16 -0.27	25.32 1.00 0.00	22.78 0.86 0.00
STEBEN_REC_LFGE 323667	20.57 0.75 0.00	19.11 0.65 0.00	17.61 0.46 0.00	16.90 0.32 0.00	17.13 0.43 0.00	18.78 0.74 0.00	21.41 0.74 0.00	22.71 0.73 0.00	23.67 0.73 0.00	22.73 0.75 0.00	22.29 0.65 0.00	22.31 0.54 0.00	22.72 0.62 0.00	24.47 0.53 0.00	25.84 0.61 0.00	26.47 0.60 0.00	29.91 0.59 0.00	32.95 0.63 -0.61	32.72 0.68 -1.24	33.49 0.71 -0.55	30.65 1.32 0.00	28.02 0.92 -0.03	25.29 0.97 0.00	23.02 1.10 0.00
STONY____BROOK 24151	23.59 1.84 -1.93	21.34 1.66 -1.22	18.62 1.48 0.00	17.96 1.38 0.00	18.12 1.42 0.00	19.70 1.66 0.00	22.68 2.03 0.00	24.71 2.09 -0.64	25.83 2.20 -0.69	26.15 2.22 -1.95	25.31 2.21 -1.46	26.75 2.37 -2.61	30.65 2.34 -6.21	28.77 2.87 -1.95	32.33 2.95 -4.14	34.03 3.08 -5.08	38.44 3.69 -5.42	43.95 3.61 -8.64	48.29 3.54 -13.95	40.25 3.48 -4.54	33.29 3.14 -0.82	30.25 2.76 -0.42	28.28 2.77 -1.19	25.37 2.46 -0.98

STURGEON_POOL_HYD 23609	20.79 0.97 0.00	19.38 0.92 0.00	17.89 0.74 0.00	17.31 0.73 0.00	17.43 0.73 0.00	18.82 0.78 0.00	21.85 1.24 0.06	22.93 1.32 0.37	24.05 1.42 0.31	23.17 1.34 0.16	22.98 1.34 0.00	23.16 1.39 0.00	23.49 1.57 0.18	25.50 1.82 0.27	27.10 1.94 0.08	27.76 1.89 0.00	31.83 2.46 -0.04	36.91 2.31 -2.90	39.01 1.97 -6.24	36.98 2.03 -2.72	30.89 1.55 0.00	28.68 1.46 -0.15	25.73 1.41 0.00	23.24 1.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.75 0.93 0.00	19.35 0.89 0.00	17.87 0.72 0.00	17.31 0.73 0.00	17.42 0.72 0.00	18.82 0.78 0.00	21.78 1.12 0.00	23.19 1.21 0.00	24.24 1.31 0.00	23.24 1.25 0.00	22.98 1.34 0.00	23.18 1.41 0.00	23.51 1.41 0.00	25.60 1.65 0.00	27.00 1.77 0.00	27.73 1.86 0.00	31.63 2.23 -0.08	36.78 2.28 -2.80	38.18 2.06 -5.32	36.56 2.09 -2.24	30.92 1.58 0.00	28.76 1.57 -0.13	25.73 1.41 0.00	23.22 1.29 0.00
SWANROAD_115KV_TB1 355699	19.82 0.00 0.00	18.31 -0.15 0.00	16.89 -0.26 0.00	16.10 -0.48 0.00	16.35 -0.35 0.00	17.97 -0.07 0.00	20.23 -0.43 0.00	21.37 -0.62 0.00	22.29 -0.64 0.00	21.46 -0.53 0.00	21.03 -0.61 0.00	21.03 -0.74 0.00	21.44 -0.66 0.00	23.04 -0.91 0.00	24.30 -0.93 0.00	24.79 -1.09 0.00	27.77 -1.55 0.00	30.37 -1.74 -0.42	30.07 -1.57 -0.84	30.76 -1.84 -0.37	28.51 -0.82 0.00	25.98 -1.11 -0.02	23.71 -0.61 0.00	21.73 -0.20 0.00
SYNERGY___BIOGAS 323694	20.39 0.58 0.00	18.94 0.48 0.00	17.46 0.31 0.00	16.86 0.28 0.00	16.98 0.28 0.00	18.62 0.58 0.00	21.03 0.37 0.00	22.33 0.35 0.00	23.30 0.37 0.00	22.40 0.42 0.00	22.03 0.39 0.00	21.98 0.22 0.00	22.26 0.16 0.00	23.95 0.00 0.00	25.11 -0.13 0.00	25.77 -0.10 0.00	28.89 -0.44 0.00	31.79 -0.29 -0.38	31.53 -0.03 -0.76	32.31 -0.26 -0.34	29.95 0.62 0.00	27.25 0.16 -0.02	24.78 0.46 0.00	22.54 0.61 0.00
SYRACUSE___ENERGY_ST1 323597	19.86 0.04 0.00	18.50 0.04 0.00	17.11 -0.03 0.00	16.53 -0.05 0.00	16.67 -0.03 0.00	18.08 0.04 0.00	20.68 0.02 0.00	21.96 -0.02 0.00	22.93 0.00 0.00	21.98 0.00 0.00	21.62 -0.02 0.00	21.72 -0.04 0.00	22.08 -0.02 0.00	23.90 -0.05 0.00	25.21 -0.03 0.00	25.87 0.00 0.00	29.32 0.00 0.00	31.89 -0.06 -0.26	31.29 -0.03 -0.52	32.39 -0.06 -0.23	29.48 0.15 0.00	27.10 0.03 -0.01	24.34 0.02 0.00	21.95 0.02 0.00
SYRACUSE___ENERGY_ST2 323598	19.86 0.04 0.00	18.50 0.04 0.00	17.11 -0.03 0.00	16.53 -0.05 0.00	16.67 -0.03 0.00	18.08 0.04 0.00	20.68 0.02 0.00	21.96 -0.02 0.00	22.93 0.00 0.00	21.98 0.00 0.00	21.62 -0.02 0.00	21.72 -0.04 0.00	22.08 -0.02 0.00	23.90 -0.05 0.00	25.21 -0.03 0.00	25.87 0.00 0.00	29.32 0.00 0.00	31.89 -0.06 -0.26	31.29 -0.03 -0.52	32.39 -0.06 -0.23	29.48 0.15 0.00	27.10 0.03 -0.01	24.34 0.02 0.00	21.95 0.02 0.00
SYRACUSE___POWER 24017	19.84 0.02 0.00	18.46 0.00 0.00	17.10 -0.05 0.00	16.50 -0.08 0.00	16.65 -0.05 0.00	18.04 0.00 0.00	20.64 -0.02 0.00	21.94 -0.04 0.00	22.93 0.00 0.00	21.98 0.00 0.00	21.62 -0.02 0.00	21.72 -0.04 0.00	22.08 -0.02 0.00	23.92 -0.02 0.00	25.24 0.00 0.00	25.87 0.00 0.00	29.32 0.00 0.00	31.91 -0.06 -0.27	31.28 -0.06 -0.54	32.37 -0.10 -0.24	29.45 0.12 0.00	27.11 0.03 -0.01	24.34 0.02 0.00	21.95 0.02 0.00
TALLMAN__138KV_BK151 55660	20.89 1.07 0.00	19.46 1.00 0.00	17.97 0.82 0.00	17.41 0.83 0.00	17.52 0.82 0.00	18.92 0.88 0.00	21.92 1.26 0.00	23.39 1.41 0.00	24.45 1.51 0.00	23.46 1.47 0.00	23.20 1.56 0.00	23.42 1.65 0.00	23.78 1.68 0.00	25.89 1.94 0.00	27.31 2.07 0.00	28.07 2.20 0.00	31.99 2.58 -0.09	37.22 2.63 -2.89	38.65 2.37 -5.47	36.95 2.42 -2.30	31.15 1.82 0.00	29.01 1.81 -0.13	25.95 1.63 0.00	23.42 1.49 0.00
TEALLAVE_115KV_TB7 355573	19.76 -0.06 0.00	18.40 -0.06 0.00	17.05 -0.10 0.00	16.45 -0.13 0.00	16.58 -0.12 0.00	17.99 -0.05 0.00	20.58 -0.08 0.00	21.85 -0.13 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.57 -0.06 0.00	21.68 -0.09 0.00	22.03 -0.07 0.00	23.85 -0.10 0.00	25.16 -0.08 0.00	25.82 -0.05 0.00	29.24 -0.09 0.00	31.69 -0.22 -0.22	31.02 -0.22 -0.44	32.19 -0.23 -0.19	29.33 0.00 0.00	26.99 -0.08 -0.01	24.25 -0.07 0.00	21.86 -0.07 0.00
TELGRAPH_34_KV_EAST 80808	20.27 0.46 0.00	18.74 0.28 0.00	17.27 0.12 0.00	16.48 -0.10 0.00	16.73 0.03 0.00	18.38 0.34 0.00	20.77 0.10 0.00	22.00 0.02 0.00	22.96 0.02 0.00	22.07 0.09 0.00	21.62 -0.02 0.00	21.59 -0.17 0.00	22.01 -0.09 0.00	23.66 -0.29 0.00	24.98 -0.25 0.00	25.49 -0.39 0.00	28.62 -0.70 0.00	31.33 -0.76 -0.39	31.01 -0.59 -0.79	31.74 -0.84 -0.35	29.45 0.12 0.00	26.84 -0.24 -0.02	24.42 0.10 0.00	22.28 0.35 0.00
TEMPLE___115KV_TB 2 55572	19.78 -0.04 0.00	18.42 -0.04 0.00	17.06 -0.09 0.00	16.47 -0.12 0.00	16.60 -0.10 0.00	18.00 -0.04 0.00	20.60 -0.06 0.00	21.87 -0.11 0.00	22.89 -0.05 0.00	21.94 -0.04 0.00	21.60 -0.04 0.00	21.68 -0.09 0.00	22.03 -0.07 0.00	23.88 -0.07 0.00	25.19 -0.05 0.00	25.82 -0.05 0.00	29.27 -0.06 0.00	31.73 -0.19 -0.22	31.06 -0.18 -0.44	32.23 -0.19 -0.20	29.36 0.03 0.00	26.99 -0.08 -0.01	24.27 -0.05 0.00	21.88 -0.04 0.00
TIANA____69_KV_BK 1 55817	23.43 1.76 -1.86	21.20 1.57 -1.17	18.53 1.39 0.00	17.88 1.29 0.00	18.00 1.30 0.00	19.59 1.55 0.00	22.56 1.90 0.00	24.70 2.11 -0.61	25.84 2.25 -0.66	26.01 2.15 -1.87	25.34 2.29 -1.40	26.78 2.50 -2.51	30.54 2.48 -5.97	28.57 2.75 -1.87	32.30 3.08 -3.98	34.07 3.31 -4.88	38.53 3.99 -5.21	44.40 4.28 -8.43	49.03 4.28 -13.95	41.15 4.42 -4.51	33.58 3.46 -0.79	30.72 3.25 -0.41	28.49 3.02 -1.15	25.51 2.63 -0.95
TILDEN___115KV_TB1 80814	19.84 0.02 0.00	18.46 0.00 0.00	17.10 -0.05 0.00	16.50 -0.08 0.00	16.65 -0.05 0.00	18.04 0.00 0.00	20.64 -0.02 0.00	21.94 -0.04 0.00	22.93 0.00 0.00	21.98 0.00 0.00	21.62 -0.02 0.00	21.72 -0.04 0.00	22.08 -0.02 0.00	23.92 -0.02 0.00	25.24 0.00 0.00	25.87 0.00 0.00	29.32 0.00 0.00	31.91 -0.06 -0.27	31.28 -0.06 -0.54	32.37 -0.10 -0.24	29.45 0.12 0.00	27.11 0.03 -0.01	24.34 0.02 0.00	21.95 0.02 0.00
TRIGEN___CC 323695	35.67 1.59 -14.27	28.97 1.48 -9.03	18.40 1.23 -0.01	17.74 1.16 0.00	17.90 1.19 -0.01	19.43 1.37 -0.01	22.45 1.78 -0.01	28.72 2.00 -4.73	30.15 2.09 -5.13	38.40 2.02 -14.39	34.41 2.06 -10.71	43.14 2.20 -19.17	70.08 2.21 -45.77	40.76 2.51 -14.30	58.49 2.68 -30.58	66.13 2.77 -37.49	71.86 3.26 -39.28	79.33 3.33 -44.30	47.68 2.93 -13.95	43.06 3.06 -7.78	37.96 2.46 -6.17	31.68 2.35 -2.26	33.97 2.24 -7.41	30.76 2.04 -6.79
TRINITY__115KV__ 4 BK 55933	20.35 0.54 0.00	19.07 0.61 0.00	17.66 0.51 0.00	17.15 0.56 0.00	17.23 0.53 0.00	18.60 0.56 0.00	20.89 0.62 0.39	20.02 0.66 2.62	21.43 0.67 2.17	21.46 0.57 1.09	22.18 0.54 0.00	22.38 0.61 0.00	21.50 0.64 1.25	22.82 0.77 1.89	25.47 0.81 0.57	26.73 0.85 0.00	30.28 1.03 0.07	35.96 1.05 -3.22	42.47 0.95 -10.71	38.20 1.03 -4.95	30.15 0.82 0.00	28.21 0.87 -0.28	25.07 0.75 0.00	22.58 0.66 0.00

UNION___PROCESSING_DRP 323587	20.13 0.32 0.00	18.66 0.20 0.00	17.23 0.09 0.00	16.53 -0.05 0.00	16.73 0.03 0.00	18.29 0.25 0.00	20.79 0.12 0.00	22.09 0.11 0.00	23.05 0.11 0.00	22.16 0.18 0.00	21.70 0.06 0.00	21.75 -0.02 0.00	22.10 0.00 0.00	23.85 -0.10 0.00	25.21 -0.03 0.00	25.74 -0.13 0.00	29.03 -0.29 0.00	31.73 -0.29 -0.32	31.33 -0.12 -0.65	32.16 -0.35 -0.29	29.66 0.32 0.00	27.11 0.03 -0.02	24.49 0.17 0.00	22.19 0.26 0.00
UPPER HUDSON___HYD 24058	21.46 1.64 0.00	20.03 1.57 0.00	18.52 1.37 0.00	17.96 1.38 0.00	18.07 1.37 0.00	19.57 1.53 0.00	22.69 1.76 -0.27	25.67 1.87 -1.82	26.39 1.95 -1.51	24.56 1.82 -0.76	23.28 1.64 0.00	23.47 1.70 0.00	24.73 1.77 -0.87	27.20 1.94 -1.31	27.55 1.92 -0.40	27.76 1.89 0.00	31.50 2.26 0.08	43.81 2.95 -9.16	49.83 2.96 -16.07	42.36 3.09 -7.04	32.12 2.79 0.00	30.14 2.68 -0.40	26.61 2.29 0.00	23.88 1.95 0.00
UPPER RAQUET___HYD 24056	19.72 -0.10 0.00	18.29 -0.17 0.00	17.08 -0.07 0.00	16.50 -0.08 0.00	16.62 -0.08 0.00	17.88 -0.16 0.00	20.52 -0.14 0.00	21.92 -0.07 0.00	22.87 -0.07 0.00	21.94 -0.04 0.00	21.53 -0.11 0.00	21.57 -0.20 0.00	21.88 -0.22 0.00	23.54 -0.41 0.00	24.83 -0.40 0.00	25.25 -0.62 0.00	28.21 -1.11 0.00	30.46 -1.24 0.00	29.75 -1.05 0.00	31.36 -0.87 0.00	28.51 -0.82 0.00	26.39 -0.68 0.00	23.88 -0.44 0.00	21.62 -0.31 0.00
VALLEY44_115KV_TB2 355964	20.41 0.59 0.00	18.90 0.44 0.00	17.42 0.27 0.00	16.66 0.08 0.00	16.88 0.18 0.00	18.55 0.51 0.00	21.10 0.43 0.00	22.31 0.33 0.00	23.26 0.32 0.00	22.40 0.42 0.00	21.99 0.35 0.00	21.98 0.22 0.00	22.39 0.29 0.00	24.07 0.12 0.00	25.44 0.20 0.00	26.00 0.13 0.00	29.15 -0.18 0.00	32.01 -0.22 -0.53	31.53 -0.34 -1.06	32.22 -0.48 -0.47	29.63 0.29 0.00	27.15 0.05 -0.03	24.59 0.27 0.00	22.61 0.68 0.00
VALLEY___115KV_TB 1-4 80826	19.82 0.00 0.00	18.46 0.00 0.00	17.11 -0.03 0.00	16.55 -0.03 0.00	16.67 -0.03 0.00	18.00 -0.04 0.00	20.66 0.00 0.00	21.96 -0.02 0.00	22.89 -0.05 0.00	21.94 -0.04 0.00	21.62 -0.02 0.00	21.75 -0.02 0.00	22.08 -0.02 0.00	23.90 -0.05 0.00	25.16 -0.08 0.00	25.77 -0.10 0.00	29.24 -0.09 0.00	31.64 -0.06 0.00	30.80 0.00 0.00	32.26 0.03 0.00	29.36 0.03 0.00	27.17 0.11 0.00	24.42 0.10 0.00	22.04 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.65 0.83 0.00	19.23 0.78 0.00	17.80 0.65 0.00	17.23 0.65 0.00	17.35 0.65 0.00	18.80 0.76 0.00	21.59 0.93 0.00	22.99 1.01 0.00	23.97 1.03 0.00	22.97 0.99 0.00	22.59 0.95 0.00	22.75 0.98 0.00	23.09 0.99 0.00	24.98 1.03 0.00	26.35 1.11 0.00	27.04 1.16 0.00	30.64 1.32 0.00	35.11 1.46 -1.95	36.19 1.45 -3.94	35.51 1.55 -1.74	30.74 1.41 0.00	28.46 1.30 -0.10	25.44 1.12 0.00	22.96 1.03 0.00
VISCHER___FERRY HYD 24020	20.81 0.99 0.00	19.42 0.96 0.00	17.97 0.82 0.00	17.41 0.83 0.00	17.53 0.83 0.00	18.98 0.94 0.00	22.57 1.14 -0.77	28.30 1.14 -5.17	28.39 1.17 -4.29	25.22 1.08 -2.15	22.68 1.04 0.00	22.86 1.09 0.00	25.73 1.17 -2.46	29.00 1.32 -3.74	27.75 1.39 -1.13	27.27 1.40 0.00	30.88 1.67 0.11	44.35 1.81 -10.85	47.09 1.72 -14.56	40.10 1.67 -6.20	30.80 1.47 0.00	28.88 1.46 -0.35	25.58 1.26 0.00	23.07 1.14 0.00
V_A_10_SYNC_DSASP 323832	19.93 0.12 0.00	18.46 0.00 0.00	17.03 -0.12 0.00	16.28 -0.30 0.00	16.52 -0.18 0.00	18.09 0.05 0.00	20.50 -0.17 0.00	21.70 -0.29 0.00	22.66 -0.28 0.00	21.79 -0.20 0.00	21.36 -0.28 0.00	21.38 -0.39 0.00	21.77 -0.33 0.00	23.44 -0.50 0.00	24.73 -0.50 0.00	25.25 -0.62 0.00	28.36 -0.97 0.00	30.99 -1.08 -0.36	30.64 -0.89 -0.74	31.36 -1.19 -0.33	28.98 -0.35 0.00	26.46 -0.62 -0.02	24.05 -0.27 0.00	21.93 0.00 0.00
V_CMM_10_SYNC_DSASP 323787	19.52 -0.30 0.00	18.16 -0.30 0.00	16.96 -0.19 0.00	16.38 -0.20 0.00	16.50 -0.20 0.00	17.73 -0.31 0.00	20.31 -0.35 0.00	21.67 -0.31 0.00	22.61 -0.32 0.00	21.70 -0.29 0.00	21.34 -0.30 0.00	21.42 -0.35 0.00	21.72 -0.38 0.00	23.47 -0.48 0.00	24.70 -0.53 0.00	25.33 -0.54 0.00	28.68 -0.65 0.00	31.07 -0.63 0.00	30.22 -0.59 0.00	31.71 -0.52 0.00	28.75 -0.59 0.00	26.52 -0.54 0.00	23.86 -0.46 0.00	21.49 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	20.17 0.36 0.00	18.70 0.24 0.00	17.37 0.22 0.00	16.73 0.15 0.00	16.80 0.10 0.00	18.04 0.00 0.00	20.64 -0.02 0.00	22.03 0.04 0.00	23.05 0.12 0.00	22.14 0.15 0.00	21.71 0.07 0.00	21.68 -0.09 0.00	21.95 -0.15 0.00	23.59 -0.36 0.00	24.81 -0.43 0.00	25.41 -0.46 0.00	28.68 -0.65 0.00	31.19 -0.51 0.00	30.46 -0.34 0.00	32.16 -0.06 0.00	29.16 -0.17 0.00	26.74 -0.32 0.00	24.05 -0.27 0.00	21.73 -0.20 0.00
V_E_10_SYNC_DSASP 323830	21.12 1.31 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.61 1.03 0.00	17.75 1.05 0.00	19.32 1.28 0.00	22.17 1.51 0.00	23.61 1.63 0.00	24.47 1.54 0.00	22.82 0.84 0.00	22.33 0.69 0.00	22.42 0.65 0.00	22.72 0.62 0.00	24.50 0.55 0.00	25.82 0.58 0.00	27.01 1.14 0.00	30.70 1.38 0.00	34.73 1.93 -1.10	35.20 2.19 -2.21	35.85 2.64 -0.98	32.00 2.67 0.00	29.45 2.33 -0.06	26.15 1.82 0.00	23.55 1.62 0.00
V_F_30_NSYNC___DSASP 323816	21.16 1.35 0.00	19.75 1.29 0.00	18.28 1.13 0.00	17.71 1.13 0.00	17.84 1.14 0.00	19.30 1.26 0.00	22.47 1.47 -0.34	25.76 1.52 -2.26	26.37 1.56 -1.87	24.38 1.45 -0.94	23.00 1.36 0.00	23.18 1.41 0.00	24.66 1.48 -1.08	27.23 1.65 -1.63	27.47 1.74 -0.49	27.63 1.76 0.00	31.32 2.08 0.09	43.47 2.38 -9.39	49.03 2.34 -15.89	41.58 2.42 -6.94	31.50 2.17 0.00	29.57 2.11 -0.39	26.15 1.82 0.00	23.51 1.58 0.00
V_F_30_SYNC_DSASP 323786	20.41 0.59 0.00	19.12 0.66 0.00	17.71 0.57 0.00	17.18 0.60 0.00	17.27 0.57 0.00	18.64 0.60 0.00	21.01 0.66 0.31	20.62 0.73 2.08	21.94 0.73 1.73	21.75 0.64 0.87	22.25 0.61 0.00	22.44 0.67 0.00	21.82 0.71 0.99	23.28 0.84 1.51	25.66 0.88 0.46	26.80 0.93 0.00	30.40 1.14 0.07	37.11 1.14 -4.27	43.91 1.08 -12.03	38.88 1.16 -5.49	30.27 0.94 0.00	28.35 0.97 -0.31	25.15 0.83 0.00	22.65 0.72 0.00
V_XM_10_SYNC_DSASP 323789	20.17 0.36 0.00	18.70 0.24 0.00	17.37 0.22 0.00	16.73 0.15 0.00	16.80 0.10 0.00	18.04 0.00 0.00	20.64 -0.02 0.00	22.03 0.04 0.00	23.05 0.12 0.00	22.14 0.15 0.00	21.71 0.07 0.00	21.68 -0.09 0.00	21.95 -0.15 0.00	23.59 -0.36 0.00	24.81 -0.43 0.00	25.41 -0.46 0.00	28.68 -0.65 0.00	31.19 -0.51 0.00	30.46 -0.34 0.00	32.16 -0.06 0.00	29.16 -0.17 0.00	26.74 -0.32 0.00	24.05 -0.27 0.00	21.73 -0.20 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.95 1.13 0.00	19.51 1.05 0.00	18.02 0.87 0.00	17.46 0.88 0.00	17.57 0.87 0.00	18.98 0.94 0.00	21.98 1.32 0.00	23.45 1.47 0.00	24.52 1.58 0.00	23.52 1.54 0.00	23.26 1.62 0.00	23.49 1.72 0.00	23.82 1.72 0.00	25.96 2.01 0.00	27.38 2.15 0.00	28.12 2.25 0.00	32.08 2.67 -0.09	37.37 2.76 -2.91	38.78 2.46 -5.51	37.06 2.51 -2.32	31.27 1.94 0.00	29.09 1.89 -0.13	26.02 1.70 0.00	23.48 1.56 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.06 1.25 0.00	19.73 1.27 0.00	18.13 0.98 0.00	17.58 0.99 0.00	17.68 0.99 0.00	19.10 1.06 0.00	22.17 1.51 0.00	23.70 1.71 0.00	24.77 1.83 0.00	23.74 1.76 0.00	23.50 1.86 0.00	23.77 2.00 0.00	24.11 2.01 0.00	26.32 2.37 0.00	27.73 2.50 0.00	28.49 2.61 0.00	32.50 3.08 -0.09	37.84 3.11 -3.03	39.36 2.83 -5.73	37.53 2.90 -2.40	31.47 2.14 0.00	29.28 2.08 -0.14	26.27 1.95 0.00	23.68 1.75 0.00
W50THST__13_KV_LOAD 356117	21.16 1.35 0.00	19.73 1.27 0.00	18.21 1.06 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.18 1.14 0.00	22.29 1.63 0.00	23.83 1.85 0.00	24.91 1.97 0.00	23.90 1.91 0.00	23.63 1.99 0.00	23.92 2.15 0.00	24.27 2.17 0.00	26.46 2.51 0.00	27.91 2.68 0.00	28.67 2.79 0.00	32.70 3.28 -0.09	38.06 3.33 -3.03	39.58 3.05 -5.73	37.72 3.09 -2.40	31.62 2.29 0.00	29.42 2.22 -0.14	26.39 2.07 0.00	23.79 1.86 0.00
WADING RIVER_IC_1 23522	23.15 1.49 -1.85	20.94 1.31 -1.17	18.33 1.18 0.00	17.71 1.13 0.00	17.83 1.14 0.00	19.39 1.35 0.00	22.33 1.67 0.00	24.35 1.76 -0.61	25.45 1.86 -0.66	25.74 1.89 -1.86	24.92 1.88 -1.40	26.33 2.07 -2.50	30.05 2.01 -5.94	28.35 2.54 -1.86	31.78 2.58 -3.97	33.45 2.72 -4.86	37.83 3.31 -5.19	43.46 3.36 -8.40	48.05 3.30 -13.95	40.02 3.29 -4.51	32.93 2.82 -0.78	29.88 2.41 -0.41	27.88 2.41 -1.15	24.98 2.11 -0.95
WADING RIVER_IC_2 23547	23.15 1.49 -1.85	20.94 1.31 -1.17	18.33 1.18 0.00	17.71 1.13 0.00	17.83 1.14 0.00	19.39 1.35 0.00	22.33 1.67 0.00	24.35 1.76 -0.61	25.45 1.86 -0.66	25.74 1.89 -1.86	24.92 1.88 -1.40	26.33 2.07 -2.50	30.05 2.01 -5.94	28.35 2.54 -1.86	31.78 2.58 -3.97	33.45 2.72 -4.86	37.83 3.31 -5.19	43.46 3.36 -8.40	48.05 3.30 -13.95	40.02 3.29 -4.51	32.93 2.82 -0.78	29.88 2.41 -0.41	27.88 2.41 -1.15	24.98 2.11 -0.95
WADING RIVER_IC_3 23601	23.15 1.49 -1.85	20.94 1.31 -1.17	18.33 1.18 0.00	17.71 1.13 0.00	17.83 1.14 0.00	19.39 1.35 0.00	22.33 1.67 0.00	24.35 1.76 -0.61	25.45 1.86 -0.66	25.74 1.89 -1.86	24.92 1.88 -1.40	26.33 2.07 -2.50	30.05 2.01 -5.94	28.35 2.54 -1.86	31.78 2.58 -3.97	33.45 2.72 -4.86	37.83 3.31 -5.19	43.46 3.36 -8.40	48.05 3.30 -13.95	40.02 3.29 -4.51	32.93 2.82 -0.78	29.88 2.41 -0.41	27.88 2.41 -1.15	24.98 2.11 -0.95
WALDENNY_12_KV_BK2 80841	20.35 0.54 0.00	18.81 0.35 0.00	17.34 0.19 0.00	16.55 -0.03 0.00	16.78 0.08 0.00	18.46 0.41 0.00	20.87 0.21 0.00	22.07 0.09 0.00	23.03 0.09 0.00	22.16 0.18 0.00	21.75 0.11 0.00	21.75 -0.02 0.00	22.17 0.07 0.00	23.83 -0.12 0.00	25.16 -0.08 0.00	25.67 -0.21 0.00	28.77 -0.56 0.00	31.52 -0.63 -0.45	31.19 -0.52 -0.91	31.89 -0.74 -0.41	29.45 0.12 0.00	26.90 -0.19 -0.02	24.49 0.17 0.00	22.43 0.50 0.00
WALDEN__HYDRO 24148	20.94 1.13 0.00	19.51 1.05 0.00	17.99 0.84 0.00	17.38 0.80 0.00	17.50 0.80 0.00	19.00 0.96 0.00	21.96 1.30 0.00	23.37 1.39 0.00	24.40 1.47 0.00	23.37 1.39 0.00	23.07 1.43 0.00	23.27 1.50 0.00	23.65 1.55 0.00	25.79 1.84 0.00	27.21 1.97 0.00	27.92 2.04 0.00	31.86 2.46 -0.07	37.13 2.54 -2.90	38.68 2.34 -5.54	37.00 2.42 -2.35	31.30 1.97 0.00	29.04 1.84 -0.13	25.95 1.63 0.00	23.42 1.49 0.00
WARRENSBURG____ 23737	21.46 1.64 0.00	20.03 1.57 0.00	18.52 1.37 0.00	17.96 1.38 0.00	18.07 1.37 0.00	19.57 1.53 0.00	22.69 1.76 -0.27	25.67 1.87 -1.82	26.39 1.95 -1.51	24.56 1.82 -0.76	23.28 1.64 0.00	23.47 1.70 0.00	24.73 1.77 -0.87	27.20 1.94 -1.31	27.55 1.92 -0.40	27.76 1.89 0.00	31.50 2.26 0.08	43.81 2.95 -9.16	49.83 2.96 -16.07	42.36 3.09 -7.04	32.12 2.79 0.00	30.14 2.68 -0.40	26.61 2.29 0.00	23.88 1.95 0.00
WATERSIDE____6 8 9 23538	21.10 1.29 0.00	19.66 1.20 0.00	18.16 1.01 0.00	17.59 1.01 0.00	17.70 1.00 0.00	19.05 1.01 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.72 1.79 0.00	23.70 1.71 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.32 2.37 0.00	27.76 2.52 0.00	28.54 2.66 0.00	32.57 3.14 -0.10	37.94 3.20 -3.04	39.46 2.93 -5.74	37.63 3.00 -2.41	31.39 2.05 0.00	29.23 2.03 -0.14	26.34 2.02 0.00	23.75 1.82 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.86 0.04 0.00	18.50 0.04 0.00	17.17 0.02 0.00	16.60 0.02 0.00	16.72 0.02 0.00	18.06 0.02 0.00	20.72 0.06 0.00	22.03 0.04 0.00	22.96 0.02 0.00	22.01 0.02 0.00	21.66 0.02 0.00	21.81 0.04 0.00	22.12 0.02 0.00	23.97 0.02 0.00	25.26 0.03 0.00	25.87 0.00 0.00	29.35 0.03 0.00	31.76 0.06 0.00	30.89 0.09 0.00	32.36 0.13 0.00	29.45 0.12 0.00	27.20 0.14 0.00	24.42 0.10 0.00	22.04 0.11 0.00
WATSON____69_KV_BK 1 55734	24.36 1.96 -2.58	21.86 1.77 -1.63	18.69 1.54 0.00	18.01 1.43 0.00	18.17 1.47 0.00	19.75 1.71 0.00	22.79 2.13 0.00	25.19 2.35 -0.85	26.34 2.48 -0.93	26.94 2.35 -2.61	26.06 2.47 -1.95	27.93 2.68 -3.49	33.04 2.63 -8.31	29.42 2.87 -2.60	33.96 3.18 -5.55	36.06 3.39 -6.80	40.56 4.02 -7.22	46.51 4.28 -10.53	48.90 4.16 -13.94	41.26 4.35 -4.68	33.93 3.52 -1.08	30.90 3.33 -0.51	28.93 3.09 -1.52	25.96 2.74 -1.29
WDELAWARE__HYD 323627	20.49 0.67 0.00	19.09 0.63 0.00	17.59 0.45 0.00	17.01 0.43 0.00	17.12 0.42 0.00	18.58 0.54 0.00	21.49 0.83 0.00	22.86 0.88 0.00	23.88 0.94 0.00	22.89 0.90 0.00	22.57 0.93 0.00	22.77 1.00 0.00	23.16 1.06 0.00	25.24 1.29 0.00	26.62 1.39 0.00	27.32 1.45 0.00	31.16 1.79 -0.05	36.22 1.81 -2.72	37.74 1.66 -5.27	36.24 1.74 -2.27	30.65 1.32 0.00	28.44 1.25 -0.13	25.39 1.07 0.00	22.91 0.99 0.00
WEST BABYLON__IC 23714	25.91 1.92 -4.17	22.85 1.75 -2.64	18.66 1.51 0.00	17.97 1.39 0.00	18.14 1.44 0.00	19.72 1.68 0.00	22.75 2.09 0.00	25.69 2.33 -1.38	26.88 2.45 -1.50	28.54 2.35 -4.21	27.23 2.45 -3.14	30.00 2.61 -5.62	38.01 2.52 -13.39	30.87 2.73 -4.19	37.21 3.03 -8.94	40.05 3.21 -10.97	44.68 3.78 -11.57	50.78 3.96 -15.12	48.53 3.79 -13.94	41.30 4.00 -5.08	34.35 3.29 -1.73	30.94 3.14 -0.74	29.58 2.94 -2.32	26.60 2.63 -2.04
WEST CANADA__HYD 24049	19.88 0.06 0.00	18.51 0.06 0.00	17.18 0.03 0.00	16.62 0.03 0.00	16.73 0.03 0.00	18.09 0.05 0.00	20.74 0.08 0.00	22.05 0.07 0.00	22.98 0.05 0.00	22.03 0.04 0.00	21.68 0.04 0.00	21.83 0.07 0.00	22.17 0.07 0.00	24.02 0.07 0.00	25.31 0.08 0.00	25.95 0.08 0.00	29.41 0.09 0.00	31.83 0.13 0.00	30.93 0.12 0.00	32.36 0.13 0.00	29.45 0.12 0.00	27.17 0.11 0.00	24.42 0.10 0.00	22.01 0.09 0.00
WESTERN_NY_WIND 24143	20.37 0.55 0.00	18.92 0.46 0.00	17.44 0.29 0.00	16.85 0.26 0.00	16.97 0.27 0.00	18.60 0.56 0.00	21.01 0.35 0.00	22.31 0.33 0.00	23.28 0.34 0.00	22.38 0.40 0.00	22.01 0.37 0.00	21.96 0.20 0.00	22.23 0.13 0.00	23.90 -0.05 0.00	25.06 -0.18 0.00	25.75 -0.13 0.00	28.86 -0.47 0.00	31.77 -0.32 -0.38	31.48 -0.09 -0.77	32.25 -0.32 -0.34	29.89 0.56 0.00	27.22 0.14 -0.02	24.74 0.41 0.00	22.54 0.61 0.00

WESTOVER___LESR 323668	20.29 0.48 0.00	18.87 0.41 0.00	17.46 0.31 0.00	16.83 0.25 0.00	16.98 0.28 0.00	18.46 0.41 0.00	21.14 0.48 0.00	22.44 0.46 0.00	23.42 0.48 0.00	22.47 0.48 0.00	22.09 0.45 0.00	22.18 0.41 0.00	22.52 0.42 0.00	24.38 0.43 0.00	25.72 0.48 0.00	26.39 0.52 0.00	29.85 0.53 0.00	33.21 0.57 -0.94	33.22 0.52 -1.90	33.59 0.52 -0.84	30.04 0.70 0.00	27.65 0.54 -0.05	24.86 0.54 0.00	22.50 0.57 0.00
WETHRSFD_WT_PWR 323626	20.15 0.34 0.00	18.75 0.29 0.00	17.30 0.15 0.00	16.68 0.10 0.00	16.82 0.12 0.00	18.42 0.38 0.00	20.87 0.21 0.00	22.09 0.11 0.00	23.05 0.12 0.00	22.16 0.18 0.00	21.83 0.19 0.00	21.81 0.04 0.00	22.12 0.02 0.00	23.83 -0.12 0.00	25.01 -0.23 0.00	25.66 -0.21 0.00	28.74 -0.59 0.00	31.68 -0.54 -0.52	31.44 -0.40 -1.04	32.17 -0.52 -0.46	29.57 0.23 0.00	27.01 -0.08 -0.03	24.54 0.22 0.00	22.45 0.53 0.00
WHAVSTOR_138KV_BK127 55557	20.87 1.05 0.00	19.46 1.00 0.00	17.97 0.82 0.00	17.41 0.83 0.00	17.52 0.82 0.00	18.92 0.88 0.00	21.92 1.26 0.00	23.39 1.41 0.00	24.43 1.49 0.00	23.43 1.45 0.00	23.18 1.54 0.00	23.40 1.63 0.00	23.76 1.66 0.00	25.86 1.92 0.00	27.28 2.04 0.00	28.02 2.15 0.00	31.96 2.55 -0.09	37.21 2.60 -2.92	38.66 2.34 -5.52	36.93 2.38 -2.32	31.12 1.79 0.00	28.98 1.79 -0.13	25.93 1.61 0.00	23.39 1.47 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.87 1.05 0.00	19.46 1.00 0.00	17.97 0.82 0.00	17.41 0.83 0.00	17.52 0.82 0.00	18.92 0.88 0.00	21.92 1.26 0.00	23.39 1.41 0.00	24.43 1.49 0.00	23.43 1.45 0.00	23.18 1.54 0.00	23.40 1.63 0.00	23.76 1.66 0.00	25.86 1.92 0.00	27.28 2.04 0.00	28.02 2.15 0.00	31.96 2.55 -0.09	37.21 2.60 -2.92	38.66 2.34 -5.52	36.93 2.38 -2.32	31.12 1.79 0.00	28.98 1.79 -0.13	25.93 1.61 0.00	23.39 1.47 0.00
WHITEHAL_115KV_TB1 80871	21.92 2.10 0.00	20.45 1.99 0.00	18.90 1.75 0.00	18.37 1.79 0.00	18.47 1.77 0.00	19.97 1.93 0.00	23.23 2.27 -0.30	26.40 2.42 -2.00	27.12 2.52 -1.66	25.17 2.35 -0.83	23.78 2.14 0.00	23.97 2.20 0.00	25.31 2.25 -0.95	27.86 2.47 -1.45	28.20 2.52 -0.44	28.43 2.56 0.00	32.29 3.05 0.09	44.73 3.77 -9.26	50.62 3.82 -16.00	43.22 4.00 -7.00	32.97 3.64 0.00	30.95 3.49 -0.40	27.29 2.97 0.00	24.40 2.48 0.00
WHITEPLN_13_KV_LOAD 356215	21.06 1.25 0.00	19.64 1.18 0.00	18.13 0.98 0.00	17.56 0.98 0.00	17.67 0.97 0.00	19.09 1.05 0.00	22.13 1.47 0.00	23.63 1.65 0.00	24.68 1.74 0.00	23.65 1.67 0.00	23.41 1.77 0.00	23.66 1.89 0.00	24.02 1.92 0.00	26.17 2.23 0.00	27.63 2.40 0.00	28.38 2.51 0.00	32.38 2.96 -0.09	37.77 3.04 -3.03	39.32 2.80 -5.72	37.46 2.84 -2.40	31.47 2.14 0.00	29.28 2.08 -0.14	26.22 1.90 0.00	23.66 1.73 0.00
WM_FLOYD_69_KV_BK2 356380	23.33 1.62 -1.89	21.11 1.46 -1.19	18.43 1.29 0.00	17.78 1.19 0.00	17.90 1.20 0.00	19.48 1.44 0.00	22.44 1.78 0.00	24.56 1.96 -0.62	25.67 2.06 -0.68	25.87 1.98 -1.91	25.15 2.08 -1.43	26.61 2.29 -2.56	30.41 2.23 -6.08	28.35 2.49 -1.91	32.07 2.78 -4.06	33.83 2.98 -4.98	38.21 3.58 -5.31	44.03 3.80 -8.53	48.54 3.79 -13.95	40.65 3.90 -4.52	33.19 3.05 -0.80	30.40 2.92 -0.42	28.24 2.75 -1.17	25.30 2.41 -0.97
WOODARD__115KV_TB2 355635	19.72 -0.10 0.00	18.35 -0.11 0.00	17.01 -0.14 0.00	16.42 -0.17 0.00	16.55 -0.15 0.00	17.95 -0.09 0.00	20.54 -0.12 0.00	21.81 -0.18 0.00	22.82 -0.11 0.00	21.90 -0.09 0.00	21.53 -0.11 0.00	21.64 -0.13 0.00	21.99 -0.11 0.00	23.80 -0.14 0.00	25.14 -0.10 0.00	25.77 -0.10 0.00	29.21 -0.12 0.00	31.63 -0.29 -0.22	30.97 -0.28 -0.44	32.13 -0.29 -0.20	29.24 -0.09 0.00	26.91 -0.16 -0.01	24.17 -0.15 0.00	21.79 -0.13 0.00
YORK___WARBASSE 23770	21.22 1.41 0.00	19.73 1.27 0.00	18.23 1.08 0.00	17.64 1.06 0.00	17.75 1.05 0.00	19.07 1.03 0.00	22.11 1.45 0.00	23.63 1.65 0.00	24.70 1.77 0.00	23.68 1.69 0.00	23.46 1.82 0.00	23.73 1.96 0.00	24.09 1.99 0.00	26.37 2.42 0.00	27.84 2.60 0.00	28.61 2.74 0.00	32.71 3.28 -0.10	38.10 3.36 -3.04	39.62 3.08 -5.74	37.79 3.16 -2.41	31.42 2.08 0.00	29.28 2.08 -0.14	26.44 2.12 0.00	23.88 1.95 0.00