

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/29/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	18.60	20.24	20.40	21.79	23.57	25.99	66.47	34.86	21.98	18.46	23.12	20.38	21.46	21.31	16.41	16.91	20.58	24.97	50.48	101.95	30.85	28.95	28.06	29.38
24138	1.38	1.47	1.33	1.29	1.46	1.74	4.75	2.61	1.75	1.48	1.62	1.74	1.82	1.73	1.28	1.16	1.62	1.97	3.88	7.25	2.13	1.86	1.90	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-3.22	0.00	0.00	0.00	-0.23	-2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	18.55	20.22	20.40	21.81	23.58	26.00	66.50	34.90	22.01	18.46	23.11	20.38	21.46	21.33	16.42	16.88	20.56	24.96	50.35	101.77	30.85	28.98	28.09	29.42
24260	1.33	1.45	1.33	1.31	1.47	1.75	4.78	2.65	1.77	1.48	1.62	1.73	1.82	1.75	1.29	1.14	1.60	1.95	3.75	7.07	2.13	1.89	1.94	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-3.21	0.00	0.00	0.00	-0.23	-2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	18.55	20.22	20.40	21.81	23.58	26.00	66.50	34.90	22.01	18.46	23.11	20.38	21.46	21.33	16.42	16.88	20.56	24.96	50.35	101.77	30.85	28.98	28.09	29.42
24261	1.33	1.45	1.33	1.31	1.47	1.75	4.78	2.65	1.77	1.48	1.62	1.73	1.82	1.75	1.29	1.14	1.60	1.95	3.75	7.07	2.13	1.89	1.94	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-3.21	0.00	0.00	0.00	-0.23	-2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	18.09	19.72	19.98	21.60	23.36	25.86	66.60	34.86	21.63	17.22	19.45	19.92	21.01	20.96	15.84	14.28	20.33	24.84	50.28	101.54	30.68	28.80	27.58	28.94
24011	0.87	0.95	0.91	1.09	1.25	1.61	4.88	2.62	1.39	0.95	1.16	1.28	1.37	1.38	0.94	0.80	1.37	1.83	3.68	6.84	1.96	1.71	1.43	1.40
	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
ADK RESOURCE___RCVRY	18.12	19.74	20.00	21.65	23.42	26.02	67.14	35.18	21.78	17.27	19.55	20.06	21.18	21.12	15.93	14.35	20.50	25.06	50.70	102.33	30.88	28.98	27.71	29.06
23798	0.90	0.98	0.93	1.15	1.31	1.77	5.42	2.93	1.54	1.00	1.27	1.41	1.54	1.55	1.03	0.87	1.54	2.06	4.10	7.63	2.17	1.89	1.56	1.51
	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
ADK S GLENS___FALLS	18.09	19.72	19.98	21.60	23.36	25.86	66.60	34.86	21.63	17.22	19.45	19.92	21.01	20.96	15.84	14.28	20.33	24.84	50.28	101.54	30.68	28.80	27.58	28.94
24028	0.87	0.95	0.91	1.09	1.25	1.61	4.88	2.62	1.39	0.95	1.16	1.28	1.37	1.38	0.94	0.80	1.37	1.83	3.68	6.84	1.96	1.71	1.43	1.40
	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
ADK_NYS___DAM	18.23	19.86	20.11	21.62	23.31	25.51	65.52	34.28	21.32	17.12	19.58	19.64	20.74	20.72	15.75	14.55	20.04	24.35	49.25	99.60	30.38	28.61	27.55	28.87
23527	1.01	1.09	1.03	1.12	1.20	1.26	3.80	2.04	1.09	0.75	0.87	0.99	1.10	1.15	0.82	0.74	1.08	1.35	2.65	4.90	1.66	1.52	1.39	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.44	0.00	0.00	0.00	-0.03	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	17.62	19.20	19.46	20.89	22.56	24.79	63.45	33.19	20.77	16.69	18.80	19.22	20.26	20.20	15.42	13.92	19.58	23.77	48.03	97.19	29.52	27.74	26.77	28.08
24190	0.40	0.43	0.38	0.39	0.45	0.54	1.73	0.95	0.53	0.42	0.52	0.58	0.62	0.62	0.52	0.44	0.62	0.76	1.43	2.49	0.80	0.65	0.62	0.53
	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
AKWESSNE_115KV_BK	17.00	18.53	18.94	20.38	22.00	24.10	61.05	31.87	19.94	16.04	18.03	18.37	19.33	19.31	14.70	13.30	18.65	22.27	45.69	93.53	28.44	26.93	26.03	27.53
355683	-0.22	-0.24	-0.14	-0.12	-0.11	-0.15	-0.67	-0.37	-0.30	-0.23	-0.26	-0.27	-0.31	-0.27	-0.19	-0.18	-0.31	-0.42	-0.91	-1.17	-0.28	-0.16	-0.12	-0.02
	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	0.31	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	17.93	19.54	19.83	21.30	22.99	25.27	64.65	33.76	21.08	16.87	18.93	19.31	20.37	20.30	15.56	14.08	19.85	24.15	48.90	99.01	30.03	28.26	27.27	28.63
323833	0.72	0.77	0.75	0.80	0.88	1.02	2.93	1.51	0.84	0.60	0.64	0.66	0.73	0.72	0.66	0.59	0.89	1.14	2.30	4.32	1.32	1.17	1.12	1.09
	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_2_SOLAR	17.93	19.54	19.83	21.30	22.98	25.27	64.63	33.75	21.07	16.86	18.92	19.30	20.37	20.30	15.56	14.07	19.85	24.14	48.89	98.99	30.02	28.25	27.26	28.63
323834	0.71	0.77	0.75	0.80	0.87	1.02	2.91	1.50	0.83	0.59	0.64	0.66	0.73	0.72	0.66	0.59	0.89	1.14	2.29	4.30	1.31	1.16	1.11	1.08
	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	17.62	19.20	19.46	20.89	22.56	24.79	63.45	33.19	20.77	16.69	18.80	19.22	20.26	20.20	15.42	13.92	19.58	23.77	48.03	97.19	29.52	27.74	26.77	28.08
23571	0.40	0.43	0.38	0.39	0.45	0.54	1.73	0.95	0.53	0.42	0.52	0.58	0.62	0.62	0.52	0.44	0.62	0.76	1.43	2.49	0.80	0.65	0.62	0.53
	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___2 23572	17.62 0.40 0.00	19.20 0.43 0.00	19.46 0.38 0.00	20.89 0.39 0.00	22.56 0.45 0.00	24.79 0.54 0.00	63.45 1.73 0.00	33.19 0.95 0.00	20.77 0.53 0.00	16.69 0.42 0.00	18.80 0.52 0.00	19.22 0.58 0.00	20.26 0.62 0.00	20.20 0.62 0.00	15.42 0.52 0.00	13.92 0.44 0.00	19.58 0.62 0.00	23.77 0.76 0.00	48.03 1.43 0.00	97.19 2.49 0.00	29.52 0.80 0.00	27.74 0.65 0.00	26.77 0.62 0.00	28.08 0.53 0.00
ALBANY___3 23573	17.62 0.40 0.00	19.20 0.43 0.00	19.46 0.38 0.00	20.89 0.39 0.00	22.56 0.45 0.00	24.79 0.54 0.00	63.45 1.73 0.00	33.19 0.95 0.00	20.77 0.53 0.00	16.69 0.42 0.00	18.80 0.52 0.00	19.22 0.58 0.00	20.26 0.62 0.00	20.20 0.62 0.00	15.42 0.52 0.00	13.92 0.44 0.00	19.58 0.62 0.00	23.77 0.76 0.00	48.03 1.43 0.00	97.19 2.49 0.00	29.52 0.80 0.00	27.74 0.65 0.00	26.77 0.62 0.00	28.08 0.53 0.00
ALBANY___4 23574	17.62 0.40 0.00	19.20 0.43 0.00	19.46 0.38 0.00	20.89 0.39 0.00	22.56 0.45 0.00	24.79 0.54 0.00	63.45 1.73 0.00	33.19 0.95 0.00	20.77 0.53 0.00	16.69 0.42 0.00	18.80 0.52 0.00	19.22 0.58 0.00	20.26 0.62 0.00	20.20 0.62 0.00	15.42 0.52 0.00	13.92 0.44 0.00	19.58 0.62 0.00	23.77 0.76 0.00	48.03 1.43 0.00	97.19 2.49 0.00	29.52 0.80 0.00	27.74 0.65 0.00	26.77 0.62 0.00	28.08 0.53 0.00
ALBANY___LFGE 323615	17.77 0.56 0.00	19.37 0.60 0.00	19.63 0.56 0.00	21.08 0.58 0.00	22.76 0.64 0.00	25.02 0.77 0.00	64.05 2.34 0.00	33.52 1.27 0.00	20.96 0.73 0.00	16.85 0.58 0.00	18.98 0.70 0.00	19.41 0.77 0.00	20.46 0.82 0.00	20.39 0.82 0.00	15.59 0.67 -0.03	14.34 0.57 -0.29	19.78 0.82 0.00	24.01 1.01 0.00	48.53 1.93 0.00	98.18 3.48 0.00	29.81 1.09 0.00	28.01 0.92 0.00	27.02 0.87 0.00	28.32 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	18.07 -0.16 -1.01	19.65 -0.17 -1.05	20.07 -0.08 -1.07	21.56 -0.04 -1.10	23.04 -0.02 -0.95	24.17 -0.08 0.00	62.53 -0.49 -1.30	33.38 -0.28 -1.41	21.08 -0.25 -1.09	17.08 -0.21 -1.02	19.10 -0.23 -1.04	19.47 -0.22 -1.05	20.43 -0.28 -1.08	20.44 -0.21 -1.08	15.70 -0.15 -0.95	14.26 -0.14 -0.92	19.73 -0.28 -1.05	23.35 -0.37 -0.72	46.71 -0.80 -0.91	93.83 -0.87 0.00	28.53 -0.19 0.00	27.04 -0.05 0.00	26.17 0.01 0.00	27.68 0.13 0.00
ALCOA_RYNLDS___DRP 24188	18.07 -0.16 -1.01	19.65 -0.17 -1.05	20.07 -0.08 -1.07	21.56 -0.04 -1.10	23.04 -0.02 -0.95	24.17 -0.08 0.00	62.53 -0.49 -1.30	33.38 -0.28 -1.41	21.08 -0.25 -1.09	17.08 -0.21 -1.02	19.10 -0.23 -1.04	19.47 -0.22 -1.05	20.43 -0.28 -1.08	20.44 -0.21 -1.08	15.70 -0.15 -0.95	14.26 -0.14 -0.92	19.73 -0.28 -1.05	23.35 -0.37 -0.72	46.71 -0.80 -0.91	93.83 -0.87 0.00	28.53 -0.19 0.00	27.04 -0.05 0.00	26.17 0.01 0.00	27.68 0.13 0.00
ALCOA___DSASP 323711	18.07 -0.16 -1.01	19.65 -0.17 -1.05	20.07 -0.08 -1.07	21.56 -0.04 -1.10	23.04 -0.02 -0.95	24.18 -0.08 0.00	62.53 -0.49 -1.30	33.38 -0.28 -1.41	21.08 -0.25 -1.09	17.08 -0.21 -1.02	19.10 -0.23 -1.04	19.48 -0.22 -1.05	20.43 -0.28 -1.08	20.44 -0.21 -1.08	15.70 -0.15 -0.95	14.26 -0.14 -0.92	19.73 -0.28 -1.05	23.35 -0.37 -0.72	46.71 -0.80 -0.91	93.84 -0.86 0.00	28.53 -0.19 0.00	27.04 -0.05 0.00	26.17 0.02 0.00	27.68 0.13 0.00
ALLEGHENY___COGEN 23514	17.25 0.03 0.00	18.91 0.14 0.00	19.13 0.06 0.00	20.68 0.18 0.00	22.48 0.37 0.00	24.73 0.48 0.00	62.92 1.20 0.00	32.55 0.30 0.00	20.38 0.14 0.00	16.09 -0.18 0.00	17.87 -0.41 0.00	18.24 -0.40 0.00	19.09 -0.54 0.00	18.56 -1.01 0.00	13.60 -1.30 0.00	12.21 -1.27 0.00	16.61 -2.35 0.00	20.81 -2.20 0.00	44.16 -2.44 0.00	89.86 -4.84 0.00	29.21 0.49 0.00	27.71 0.62 0.00	26.67 0.52 0.00	28.22 0.67 0.00
ALTAMONT_115KV_TB 2 55880	17.75 0.53 0.00	19.35 0.58 0.00	19.61 0.53 0.00	21.06 0.55 0.00	22.73 0.62 0.00	24.99 0.74 0.00	63.87 2.16 0.00	33.41 1.16 0.00	20.92 0.69 0.00	16.80 0.53 0.00	18.88 0.60 0.00	19.30 0.66 0.00	20.35 0.71 0.00	20.28 0.70 0.00	15.42 0.52 0.00	13.93 0.45 0.00	19.64 0.68 0.00	23.87 0.86 0.00	48.31 1.71 0.00	97.82 3.12 0.00	29.67 0.96 0.00	27.92 0.83 0.00	26.98 0.82 0.00	28.32 0.78 0.00
ALTONA_WT_PWR 323606	-21.08 -0.74 37.56	-21.08 -0.80 39.05	-21.07 -0.73 39.42	-21.05 -0.75 40.80	-14.01 -0.80 35.32	23.55 -0.70 0.00	11.18 -2.34 48.20	-21.06 -1.17 52.13	-21.09 -0.80 40.52	-22.21 -0.64 37.84	-21.07 -0.77 38.59	-21.07 -0.78 38.94	-21.08 -0.82 39.90	-21.07 -0.78 39.87	-21.08 -0.60 35.39	-21.08 -0.54 34.02	-21.07 -0.81 39.23	-21.04 -0.99 43.06	10.50 -2.01 34.09	91.81 -2.89 0.00	28.15 -0.57 0.00	26.91 -0.18 0.00	26.17 0.02 0.00	27.73 0.19 0.00
AMERICAN_REF_FUEL 24010	15.89 -1.33 0.00	17.16 -1.61 0.00	17.52 -1.56 0.00	18.93 -1.57 0.00	20.33 -1.78 0.00	22.29 -1.96 0.00	55.74 -5.98 0.00	28.68 -3.56 0.00	18.11 -2.12 0.00	14.57 -1.71 0.00	16.56 -1.72 0.00	16.63 -2.01 0.00	17.52 -2.11 0.00	17.48 -2.09 0.00	13.29 -1.61 0.00	11.99 -1.49 0.00	16.79 -2.17 0.00	20.45 -2.55 0.00	41.80 -4.80 0.00	85.67 -9.03 0.00	25.64 -3.08 0.00	24.47 -2.61 0.00	23.63 -2.53 0.00	25.21 -2.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.37 -0.84 0.00	17.78 -0.99 0.00	18.17 -0.91 0.00	19.68 -0.82 0.00	21.05 -1.06 0.00	23.15 -1.10 0.00	58.30 -3.42 0.00	30.14 -2.10 0.00	19.09 -1.15 0.00	15.25 -1.02 0.00	17.32 -0.96 0.00	17.40 -1.24 0.00	18.34 -1.29 0.00	18.09 -1.49 0.00	13.60 -1.30 0.00	12.32 -1.16 0.00	17.32 -1.64 0.00	21.22 -1.78 0.00	44.17 -2.43 0.00	90.51 -4.19 0.00	26.83 -1.88 0.00	25.57 -1.52 0.00	24.80 -1.35 0.00	26.41 -1.14 0.00
ARTHUR KILL_GT_1 23520	18.54 1.32 0.00	20.23 1.47 0.00	20.44 1.36 0.00	21.85 1.34 0.00	23.62 1.51 0.00	26.01 1.76 0.00	66.49 4.77 0.00	34.86 2.60 -0.02	30.30 1.72 -8.35	46.99 1.43 -29.29	57.43 1.54 -37.61	37.07 1.66 -16.76	29.58 1.71 -8.23	21.23 1.63 -0.02	16.36 1.21 -0.26	16.78 1.04 -2.25	38.15 1.43 -17.76	24.70 1.70 0.01	49.87 3.28 0.00	101.64 6.94 0.00	260.56 2.17 -229.67	44.80 1.85 -15.86	93.82 1.91 -65.76	29.43 1.88 -0.01
ARTHUR_KILL_2 23512	18.49 1.27 0.00	20.18 1.41 0.00	20.38 1.30 0.00	21.78 1.28 0.00	23.55 1.44 0.00	25.93 1.68 0.00	66.30 4.58 0.00	34.76 2.50 -0.02	30.24 1.66 -8.35	46.94 1.38 -29.29	57.38 1.48 -37.61	37.01 1.61 -16.76	29.52 1.65 -8.23	21.17 1.57 -0.02	16.32 1.17 -0.26	16.74 1.00 -2.25	38.09 1.37 -17.76	24.63 1.63 0.01	49.72 3.12 0.00	101.29 6.59 0.00	260.46 2.07 -229.67	44.72 1.77 -15.86	93.74 1.83 -65.76	29.35 1.79 -0.01
ARTHUR_KILL_3 23513	18.39 1.17 0.00	20.06 1.29 0.00	20.23 1.15 0.00	21.61 1.10 0.00	23.36 1.25 0.00	25.74 1.49 0.00	65.81 4.09 0.00	34.53 2.28 -0.01	30.11 1.52 -8.35	47.41 1.28 -29.85	57.30 1.39 -37.62	36.92 1.51 -16.77	29.46 1.59 -8.23	21.11 1.52 -0.02	16.26 1.12 -0.24	16.74 1.00 -2.26	38.11 1.38 -17.76	24.66 1.66 0.00	49.73 3.13 0.00	100.51 5.81 0.00	260.16 1.77 -229.67	44.50 1.55 -15.86	93.56 1.65 -65.75	29.12 1.57 -0.01

ARTHUR_KILL_COGEN 323718	18.54 1.32 0.00	20.23 1.47 0.00	20.44 1.36 0.00	21.85 1.34 0.00	23.62 1.51 0.00	26.01 1.76 0.00	66.49 4.77 0.00	34.86 2.60 -0.02	30.30 1.72 -8.35	46.99 1.43 -29.29	57.43 1.54 -37.61	37.07 1.66 -16.76	29.58 1.71 -8.23	21.23 1.63 -0.02	16.36 1.21 -0.26	16.78 1.04 -2.25	38.15 1.43 -17.76	24.70 1.70 0.01	49.87 3.28 0.00	101.64 6.94 0.00	260.56 2.17 -229.67	44.80 1.85 -15.86	93.82 1.91 -65.76	29.43 1.88 -0.01
ASHOKAN____ 23654	18.08 0.86 0.00	19.70 0.93 0.00	19.97 0.89 0.00	21.45 0.95 0.00	23.19 1.08 0.00	25.60 1.35 0.00	65.66 3.94 0.00	34.41 2.17 0.00	21.53 1.30 0.00	17.21 0.94 0.00	19.33 1.05 0.00	19.73 1.09 0.00	20.80 1.17 0.00	20.66 1.09 0.00	15.68 0.78 0.00	14.20 0.72 0.00	20.14 1.18 0.00	24.69 1.68 0.00	50.17 3.58 0.00	101.47 6.78 0.00	30.78 2.07 0.00	28.90 1.81 0.00	27.81 1.66 0.00	29.12 1.57 0.00
ASTORIA_EAST_ENERGY_CC1 323581	18.38 1.16 0.00	20.01 1.24 0.00	20.17 1.09 0.00	21.56 1.06 0.00	23.37 1.26 0.00	25.73 1.48 0.00	65.91 4.20 0.00	34.60 2.36 0.00	21.84 1.61 0.00	18.35 1.37 -0.71	22.95 1.45 -3.21	20.22 1.58 0.00	21.25 1.62 0.00	21.13 1.56 0.00	16.30 1.18 -0.22	16.77 1.04 -2.25	20.36 1.40 0.00	24.70 1.70 0.00	49.84 3.25 0.00	100.81 6.11 0.00	30.60 1.88 0.00	28.69 1.60 0.00	27.89 1.74 0.00	29.20 1.66 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.38 1.16 0.00	20.01 1.24 0.00	20.17 1.09 0.00	21.56 1.06 0.00	23.37 1.26 0.00	25.73 1.48 0.00	65.91 4.20 0.00	34.60 2.36 0.00	21.84 1.61 0.00	18.35 1.37 -0.71	22.95 1.45 -3.21	20.22 1.58 0.00	21.26 1.62 0.00	21.13 1.56 0.00	16.30 1.18 -0.22	16.77 1.04 -2.25	20.36 1.40 0.00	24.70 1.70 0.00	49.84 3.25 0.00	100.81 6.11 0.00	30.60 1.88 0.00	28.69 1.60 0.00	27.89 1.74 0.00	29.20 1.66 0.00
ASTORIA_GT2_1 24094	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT2_2 24095	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT2_3 24096	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT2_4 24097	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT3_1 24098	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT3_2 24099	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT3_3 24100	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT3_4 24101	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT4_1 24102	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT4_2 24103	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT4_3 24104	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00

ASTORIA_GT4_4 24105	18.38 1.17 0.00	20.04 1.27 0.00	20.22 1.14 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.96 1.46 -3.21	20.22 1.58 0.00	21.28 1.64 0.00	21.15 1.58 0.00	16.31 1.18 -0.23	16.78 1.04 -2.25	20.37 1.41 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA_GT_1 23523	18.41 1.20 0.00	20.04 1.27 0.00	20.21 1.13 0.00	21.61 1.11 0.00	23.41 1.30 0.00	25.79 1.54 0.00	66.07 4.36 0.00	34.69 2.44 0.00	21.89 1.66 0.00	18.39 1.41 -0.71	22.99 1.50 -3.21	20.26 1.62 0.00	21.30 1.67 0.00	21.18 1.61 0.00	16.33 1.21 -0.22	16.80 1.07 -2.25	20.40 1.44 0.00	24.76 1.76 0.00	49.96 3.37 0.00	101.04 6.34 0.00	30.67 1.95 0.00	28.76 1.67 0.00	27.95 1.80 0.00	29.27 1.72 0.00
ASTORIA_GT_10 24110	18.47 1.25 0.00	20.14 1.37 0.00	20.30 1.22 0.00	21.70 1.20 0.00	23.48 1.37 0.00	25.88 1.63 0.00	66.23 4.51 0.00	34.73 2.48 0.00	21.90 1.67 0.00	18.39 1.41 -0.71	23.01 1.52 -3.21	20.28 1.64 0.00	21.34 1.70 0.00	21.20 1.63 0.00	16.39 1.23 -0.26	16.82 1.09 -2.25	24.26 1.48 -3.82	24.80 1.79 0.00	49.99 3.40 0.00	101.14 6.44 0.00	30.69 1.97 0.00	28.80 1.71 0.00	27.94 1.79 0.00	29.28 1.73 0.00
ASTORIA_GT_11 24225	18.47 1.25 0.00	20.14 1.37 0.00	20.30 1.22 0.00	21.70 1.20 0.00	23.48 1.37 0.00	25.88 1.63 0.00	66.23 4.51 0.00	34.73 2.48 0.00	21.90 1.67 0.00	18.39 1.41 -0.71	23.01 1.52 -3.21	20.28 1.64 0.00	21.34 1.70 0.00	21.20 1.63 0.00	16.39 1.23 -0.26	16.82 1.09 -2.25	24.26 1.48 -3.82	24.80 1.79 0.00	49.99 3.40 0.00	101.14 6.44 0.00	30.69 1.97 0.00	28.80 1.71 0.00	27.94 1.79 0.00	29.28 1.73 0.00
ASTORIA_GT_12 24226	18.47 1.25 0.00	20.14 1.37 0.00	20.30 1.22 0.00	21.70 1.20 0.00	23.48 1.37 0.00	25.88 1.63 0.00	66.23 4.51 0.00	34.73 2.48 0.00	21.90 1.67 0.00	18.39 1.41 -0.71	23.01 1.52 -3.21	20.28 1.64 0.00	21.34 1.70 0.00	21.20 1.63 0.00	16.39 1.23 -0.26	16.82 1.09 -2.25	24.26 1.48 -3.82	24.80 1.79 0.00	49.99 3.40 0.00	101.14 6.44 0.00	30.69 1.97 0.00	28.80 1.71 0.00	27.94 1.79 0.00	29.28 1.73 0.00
ASTORIA_GT_13 24227	18.47 1.25 0.00	20.14 1.37 0.00	20.30 1.22 0.00	21.70 1.20 0.00	23.48 1.37 0.00	25.88 1.63 0.00	66.23 4.51 0.00	34.73 2.48 0.00	21.90 1.67 0.00	18.39 1.41 -0.71	23.01 1.52 -3.21	20.28 1.64 0.00	21.34 1.70 0.00	21.20 1.63 0.00	16.39 1.23 -0.26	16.82 1.09 -2.25	24.26 1.48 -3.82	24.80 1.79 0.00	49.99 3.40 0.00	101.14 6.44 0.00	30.69 1.97 0.00	28.80 1.71 0.00	27.94 1.79 0.00	29.28 1.73 0.00
ASTORIA_GT_5 24106	18.41 1.20 0.00	20.07 1.30 0.00	20.25 1.17 0.00	21.61 1.11 0.00	23.41 1.30 0.00	25.79 1.54 0.00	66.07 4.36 0.00	34.68 2.44 0.00	21.89 1.66 0.00	18.39 1.41 -0.71	22.99 1.50 -3.21	20.26 1.62 0.00	21.32 1.68 0.00	21.19 1.61 0.00	16.34 1.21 -0.23	16.81 1.07 -2.25	20.41 1.45 0.00	24.76 1.76 0.00	49.96 3.37 0.00	101.04 6.34 0.00	30.67 1.95 0.00	28.75 1.67 0.00	27.95 1.80 0.00	29.27 1.73 0.00
ASTORIA_GT_7 24107	18.41 1.20 0.00	20.07 1.30 0.00	20.25 1.17 0.00	21.61 1.11 0.00	23.41 1.30 0.00	25.79 1.54 0.00	66.07 4.36 0.00	34.68 2.44 0.00	21.89 1.66 0.00	18.39 1.41 -0.71	22.99 1.50 -3.21	20.26 1.62 0.00	21.32 1.68 0.00	21.19 1.61 0.00	16.34 1.21 -0.23	16.81 1.07 -2.25	20.41 1.45 0.00	24.76 1.76 0.00	49.96 3.37 0.00	101.04 6.34 0.00	30.67 1.95 0.00	28.75 1.67 0.00	27.95 1.80 0.00	29.27 1.73 0.00
ASTORIA_GT_8 24108	18.41 1.20 0.00	20.07 1.30 0.00	20.25 1.17 0.00	21.61 1.11 0.00	23.41 1.30 0.00	25.79 1.54 0.00	66.07 4.36 0.00	34.68 2.44 0.00	21.89 1.66 0.00	18.39 1.41 -0.71	22.99 1.50 -3.21	20.26 1.62 0.00	21.32 1.68 0.00	21.19 1.61 0.00	16.34 1.21 -0.23	16.81 1.07 -2.25	20.41 1.45 0.00	24.76 1.76 0.00	49.96 3.37 0.00	101.04 6.34 0.00	30.67 1.95 0.00	28.75 1.67 0.00	27.95 1.80 0.00	29.27 1.73 0.00
ASTORIA___2 24149	18.38 1.17 0.00	20.01 1.24 0.00	20.17 1.10 0.00	21.58 1.08 0.00	23.38 1.27 0.00	25.74 1.49 0.00	65.95 4.23 0.00	34.62 2.37 0.00	21.85 1.61 0.00	18.36 1.38 -0.71	22.95 1.46 -3.21	20.22 1.58 0.00	21.26 1.63 0.00	21.14 1.57 0.00	16.30 1.18 -0.22	16.77 1.04 -2.25	20.36 1.40 0.00	24.71 1.71 0.00	49.86 3.26 0.00	100.85 6.15 0.00	30.61 1.90 0.00	28.71 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
ASTORIA___3 23516	18.47 1.25 0.00	20.13 1.36 0.00	20.28 1.21 0.00	21.70 1.20 0.00	23.48 1.37 0.00	25.88 1.63 0.00	66.23 4.51 0.00	34.73 2.48 0.00	21.90 1.67 0.00	18.39 1.41 -0.71	23.01 1.51 -3.21	20.28 1.64 0.00	21.33 1.69 0.00	21.20 1.63 0.00	16.39 1.23 -0.26	16.82 1.09 -2.25	24.25 1.47 -3.82	24.80 1.79 0.00	50.00 3.40 0.00	101.13 6.43 0.00	30.69 1.97 0.00	28.81 1.72 0.00	27.95 1.80 0.00	29.28 1.73 0.00
ASTORIA___4 23517	18.47 1.25 0.00	20.14 1.37 0.00	20.30 1.22 0.00	21.70 1.20 0.00	23.48 1.37 0.00	25.88 1.63 0.00	66.23 4.51 0.00	34.73 2.48 0.00	21.90 1.67 0.00	18.39 1.41 -0.71	23.01 1.52 -3.21	20.28 1.64 0.00	21.34 1.70 0.00	21.20 1.63 0.00	16.39 1.23 -0.26	16.82 1.09 -2.25	24.26 1.48 -3.82	24.80 1.79 0.00	49.99 3.40 0.00	101.14 6.44 0.00	30.69 1.97 0.00	28.80 1.71 0.00	27.94 1.79 0.00	29.28 1.73 0.00
ASTORIA___5 23518	18.47 1.25 0.00	20.13 1.36 0.00	20.28 1.21 0.00	21.70 1.20 0.00	23.48 1.37 0.00	25.88 1.63 0.00	66.23 4.51 0.00	34.73 2.48 0.00	21.90 1.67 0.00	18.39 1.41 -0.71	23.01 1.51 -3.21	20.28 1.64 0.00	21.33 1.69 0.00	21.20 1.63 0.00	16.39 1.23 -0.26	16.82 1.09 -2.25	24.25 1.47 -3.82	24.80 1.79 0.00	50.00 3.40 0.00	101.13 6.43 0.00	30.69 1.97 0.00	28.81 1.72 0.00	27.95 1.80 0.00	29.28 1.73 0.00
AST_ENERGY_2_CC3 323677	18.43 1.21 0.00	20.08 1.31 0.00	20.26 1.19 0.00	21.65 1.15 0.00	23.40 1.29 0.00	25.79 1.54 0.00	65.96 4.24 0.00	34.60 2.36 0.00	21.81 1.58 0.00	18.30 1.32 -0.71	22.94 1.44 -3.22	20.20 1.55 0.00	21.27 1.63 0.00	21.13 1.56 0.00	16.28 1.15 -0.23	16.77 1.03 -2.26	20.39 1.43 0.00	24.75 1.74 0.00	49.93 3.33 0.00	100.88 6.17 0.00	30.59 1.87 0.00	28.74 1.65 0.00	27.88 1.73 0.00	29.20 1.66 0.00
AST_ENERGY_2_CC4 323678	18.43 1.21 0.00	20.08 1.31 0.00	20.26 1.19 0.00	21.65 1.15 0.00	23.40 1.29 0.00	25.79 1.54 0.00	65.96 4.24 0.00	34.60 2.36 0.00	21.81 1.58 0.00	18.30 1.32 -0.71	22.94 1.44 -3.22	20.20 1.55 0.00	21.27 1.63 0.00	21.13 1.56 0.00	16.28 1.15 -0.23	16.77 1.03 -2.26	20.39 1.43 0.00	24.75 1.74 0.00	49.93 3.33 0.00	100.88 6.17 0.00	30.59 1.87 0.00	28.74 1.65 0.00	27.88 1.73 0.00	29.20 1.66 0.00

ATHENS_STG_1 23668	17.91 0.70 0.00	19.53 0.76 0.00	19.78 0.70 0.00	21.21 0.71 0.00	22.90 0.79 0.00	25.20 0.95 0.00	64.41 2.69 0.00	33.70 1.46 0.00	21.16 0.92 0.00	17.10 0.72 -0.11	19.57 0.80 -0.48	19.52 0.88 0.00	20.58 0.95 0.00	20.50 0.93 0.00	15.60 0.66 -0.04	14.43 0.59 -0.36	19.82 0.86 0.00	24.09 1.08 0.00	48.73 2.13 0.00	98.62 3.92 0.00	29.90 1.19 0.00	28.14 1.05 0.00	27.21 1.06 0.00	28.56 1.02 0.00
ATHENS_STG_2 23670	17.91 0.70 0.00	19.53 0.76 0.00	19.78 0.70 0.00	21.21 0.71 0.00	22.90 0.79 0.00	25.20 0.95 0.00	64.41 2.69 0.00	33.70 1.46 0.00	21.16 0.92 0.00	17.10 0.72 -0.11	19.57 0.80 -0.48	19.52 0.88 0.00	20.58 0.95 0.00	20.50 0.93 0.00	15.60 0.66 -0.04	14.43 0.59 -0.36	19.82 0.86 0.00	24.09 1.08 0.00	48.73 2.13 0.00	98.62 3.92 0.00	29.90 1.19 0.00	28.14 1.05 0.00	27.21 1.06 0.00	28.56 1.02 0.00
ATHENS_STG_3 23677	17.91 0.70 0.00	19.53 0.76 0.00	19.78 0.70 0.00	21.21 0.71 0.00	22.90 0.79 0.00	25.20 0.95 0.00	64.41 2.69 0.00	33.70 1.46 0.00	21.16 0.92 0.00	17.10 0.72 -0.11	19.57 0.80 -0.48	19.52 0.88 0.00	20.58 0.95 0.00	20.50 0.93 0.00	15.60 0.66 -0.04	14.43 0.59 -0.36	19.82 0.86 0.00	24.09 1.08 0.00	48.73 2.13 0.00	98.62 3.92 0.00	29.90 1.19 0.00	28.14 1.05 0.00	27.21 1.06 0.00	28.56 1.02 0.00
AUBURN___LFGE 323710	17.20 -0.02 0.00	18.75 -0.03 0.00	19.05 -0.03 0.00	20.39 -0.11 0.00	21.99 -0.12 0.00	24.15 -0.10 0.00	61.43 -0.29 0.00	32.14 -0.11 0.00	20.18 -0.06 0.00	16.24 -0.03 0.00	18.28 -0.01 0.00	18.58 -0.06 0.00	19.51 -0.13 0.00	19.42 -0.16 0.00	14.78 -0.12 0.00	13.41 -0.07 0.00	18.85 -0.10 0.00	22.94 -0.06 0.00	46.66 0.06 0.00	94.82 0.13 0.00	28.62 -0.10 0.00	27.03 -0.06 0.00	26.09 -0.07 0.00	27.40 -0.15 0.00
BABYLON_RES_REC 323704	18.70 1.49 0.00	20.36 1.59 0.00	20.57 1.49 0.00	21.98 1.48 0.00	23.86 1.74 0.00	26.21 1.96 0.00	66.84 5.12 0.00	35.22 2.97 0.00	25.84 2.04 -3.57	23.96 1.64 -6.05	23.41 1.79 -3.34	20.52 1.87 0.00	21.59 1.95 0.00	21.41 1.83 0.00	16.49 1.36 -0.23	16.98 1.21 -2.28	20.65 1.69 0.00	25.13 2.12 0.00	50.82 4.22 0.00	102.50 7.80 0.00	30.98 2.27 0.00	29.24 2.15 0.00	28.27 2.12 0.00	29.58 2.03 0.00
BABYLON__69_KV_BK2 356345	18.87 1.65 0.00	20.54 1.77 0.00	20.76 1.68 0.00	22.17 1.67 0.00	24.08 1.96 0.00	26.44 2.19 0.00	67.41 5.69 0.00	35.53 3.29 0.00	26.06 2.25 -3.57	24.14 1.82 -6.05	23.59 1.97 -3.34	20.71 2.07 0.00	21.79 2.16 0.00	21.61 2.04 0.00	16.64 1.51 -0.23	17.10 1.33 -2.28	20.84 1.88 0.00	25.36 2.36 0.00	51.31 4.71 0.00	103.54 8.84 0.00	31.28 2.57 0.00	29.52 2.43 0.00	28.51 2.36 0.00	29.83 2.28 0.00
BALL_HILL_WT_PWR 323825	16.34 -0.88 0.00	17.73 -1.04 0.00	18.10 -0.98 0.00	19.58 -0.92 0.00	21.01 -1.10 0.00	23.07 -1.19 0.00	57.94 -3.77 0.00	29.87 -2.38 0.00	18.90 -1.34 0.00	15.12 -1.15 0.00	17.19 -1.09 0.00	17.30 -1.35 0.00	18.28 -1.36 0.00	18.19 -1.38 0.00	13.73 -1.17 0.00	12.43 -1.05 0.00	17.44 -1.52 0.00	21.30 -1.70 0.00	43.82 -2.78 0.00	89.75 -4.95 0.00	26.78 -1.93 0.00	25.52 -1.57 0.00	24.65 -1.50 0.00	26.26 -1.28 0.00
BARON_WINDS___WT_PWR 323822	16.55 -0.66 0.00	18.30 -0.47 0.00	18.43 -0.64 0.00	19.92 -0.58 0.00	21.74 -0.37 0.00	23.92 -0.33 0.00	60.80 -0.91 0.00	31.31 -0.94 0.00	19.60 -0.63 0.00	15.54 -0.73 0.00	17.51 -0.77 0.00	17.77 -0.87 0.00	18.82 -0.81 0.00	18.74 -0.83 0.00	14.03 -0.87 0.00	12.73 -0.75 0.00	17.89 -1.07 0.00	21.91 -1.09 0.00	45.09 -1.51 0.00	92.52 -2.17 0.00	28.16 -0.56 0.00	26.66 -0.43 0.00	25.88 -0.28 0.00	27.41 -0.14 0.00
BARRETT_IC_1 23704	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT_IC_10 23701	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT_IC_11 23702	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT_IC_12 23703	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT_IC_2 23705	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT_IC_3 23706	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT_IC_4 23707	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00

BARRETT_IC_5 23708	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT_IC_6 23709	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT_IC_7 23710	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.67 1.87 -3.57	23.86 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.64 1.93 0.00	29.04 1.95 0.00	28.13 1.97 0.00	29.49 1.95 0.00
BARRETT_IC_8 23711	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT_IC_9 23700	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT___1 23545	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BARRETT___2 23546	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.87 1.37 0.00	23.71 1.60 0.00	26.08 1.83 0.00	66.43 4.71 0.00	34.93 2.68 0.00	25.68 1.87 -3.57	23.85 1.54 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.53 1.57 0.00	24.90 1.90 0.00	50.30 3.70 0.00	101.18 6.48 0.00	30.65 1.93 0.00	29.05 1.96 0.00	28.13 1.98 0.00	29.49 1.95 0.00
BATAVIA__115KV_TB1 55881	16.67 -0.54 0.00	18.03 -0.74 0.00	18.39 -0.69 0.00	19.89 -0.61 0.00	21.39 -0.72 0.00	23.49 -0.76 0.00	59.11 -2.61 0.00	30.55 -1.70 0.00	19.26 -0.98 0.00	15.42 -0.86 0.00	17.51 -0.77 0.00	17.57 -1.07 0.00	18.47 -1.16 0.00	18.44 -1.13 0.00	14.02 -0.88 0.00	12.64 -0.84 0.00	17.80 -1.16 0.00	21.74 -1.26 0.00	44.51 -2.09 0.00	91.00 -3.70 0.00	27.22 -1.49 0.00	25.89 -1.20 0.00	24.97 -1.18 0.00	26.54 -1.01 0.00
BAYONEEC___CTG1 323682	18.44 1.22 0.00	20.11 1.34 0.00	20.28 1.21 0.00	21.67 1.17 0.00	23.43 1.32 0.00	25.82 1.57 0.00	66.03 4.32 0.00	34.64 2.39 0.00	21.83 1.60 0.00	18.33 1.34 -0.71	22.96 1.46 -3.22	20.22 1.58 0.00	21.29 1.66 0.00	21.16 1.59 0.00	16.30 1.17 -0.23	16.78 1.04 -2.26	20.41 1.45 0.00	24.76 1.75 0.00	49.96 3.36 0.00	100.94 6.24 0.00	30.61 1.89 0.00	28.76 1.67 0.00	27.90 1.75 0.00	29.23 1.68 0.00
BAYONEEC___CTG10 323750	18.44 1.22 0.00	20.11 1.34 0.00	20.28 1.21 0.00	21.67 1.17 0.00	23.43 1.32 0.00	25.82 1.57 0.00	66.03 4.32 0.00	34.64 2.39 0.00	21.83 1.60 0.00	18.33 1.34 -0.71	22.96 1.46 -3.22	20.22 1.58 0.00	21.29 1.66 0.00	21.16 1.59 0.00	16.30 1.17 -0.23	16.78 1.04 -2.26	20.41 1.45 0.00	24.76 1.75 0.00	49.96 3.36 0.00	100.94 6.24 0.00	30.61 1.89 0.00	28.76 1.67 0.00	27.90 1.75 0.00	29.23 1.68 0.00
BAYONEEC___CTG2 323683	18.44 1.22 0.00	20.11 1.34 0.00	20.28 1.21 0.00	21.67 1.17 0.00	23.43 1.32 0.00	25.82 1.57 0.00	66.03 4.32 0.00	34.64 2.39 0.00	21.83 1.60 0.00	18.33 1.34 -0.71	22.96 1.46 -3.22	20.22 1.58 0.00	21.29 1.66 0.00	21.16 1.59 0.00	16.30 1.17 -0.23	16.78 1.04 -2.26	20.41 1.45 0.00	24.76 1.75 0.00	49.96 3.36 0.00	100.94 6.24 0.00	30.61 1.89 0.00	28.76 1.67 0.00	27.90 1.75 0.00	29.23 1.68 0.00
BAYONEEC___CTG3 323684	18.44 1.22 0.00	20.11 1.34 0.00	20.28 1.21 0.00	21.67 1.17 0.00	23.43 1.32 0.00	25.82 1.57 0.00	66.03 4.32 0.00	34.64 2.39 0.00	21.83 1.60 0.00	18.33 1.34 -0.71	22.96 1.46 -3.22	20.22 1.58 0.00	21.29 1.66 0.00	21.16 1.59 0.00	16.30 1.17 -0.23	16.78 1.04 -2.26	20.41 1.45 0.00	24.76 1.75 0.00	49.96 3.36 0.00	100.94 6.24 0.00	30.61 1.89 0.00	28.76 1.67 0.00	27.90 1.75 0.00	29.23 1.68 0.00
BAYONEEC___CTG4 323685	18.44 1.22 0.00	20.11 1.34 0.00	20.28 1.21 0.00	21.67 1.17 0.00	23.43 1.32 0.00	25.82 1.57 0.00	66.03 4.32 0.00	34.64 2.39 0.00	21.83 1.60 0.00	18.33 1.34 -0.71	22.96 1.46 -3.22	20.22 1.58 0.00	21.29 1.66 0.00	21.16 1.59 0.00	16.30 1.17 -0.23	16.78 1.04 -2.26	20.41 1.45 0.00	24.76 1.75 0.00	49.96 3.36 0.00	100.94 6.24 0.00	30.61 1.89 0.00	28.76 1.67 0.00	27.90 1.75 0.00	29.23 1.68 0.00
BAYONEEC___CTG5 323686	18.44 1.22 0.00	20.11 1.34 0.00	20.28 1.21 0.00	21.67 1.17 0.00	23.43 1.32 0.00	25.82 1.57 0.00	66.03 4.32 0.00	34.64 2.39 0.00	21.83 1.60 0.00	18.33 1.34 -0.71	22.96 1.46 -3.22	20.22 1.58 0.00	21.29 1.66 0.00	21.16 1.59 0.00	16.30 1.17 -0.23	16.78 1.04 -2.26	20.41 1.45 0.00	24.76 1.75 0.00	49.96 3.36 0.00	100.94 6.24 0.00	30.61 1.89 0.00	28.76 1.67 0.00	27.90 1.75 0.00	29.23 1.68 0.00
BAYONEEC___CTG6 323687	18.44 1.22 0.00	20.11 1.34 0.00	20.28 1.21 0.00	21.67 1.17 0.00	23.43 1.32 0.00	25.82 1.57 0.00	66.03 4.32 0.00	34.64 2.39 0.00	21.83 1.60 0.00	18.33 1.34 -0.71	22.96 1.46 -3.22	20.22 1.58 0.00	21.29 1.66 0.00	21.16 1.59 0.00	16.30 1.17 -0.23	16.78 1.04 -2.26	20.41 1.45 0.00	24.76 1.75 0.00	49.96 3.36 0.00	100.94 6.24 0.00	30.61 1.89 0.00	28.76 1.67 0.00	27.90 1.75 0.00	29.23 1.68 0.00

BAYONEEC___CTG7 323688	18.44 1.22 0.00	20.11 1.34 0.00	20.28 1.21 0.00	21.67 1.17 0.00	23.43 1.32 0.00	25.82 1.57 0.00	66.03 4.32 0.00	34.64 2.39 0.00	21.83 1.60 0.00	18.33 1.34 -0.71	22.96 1.46 -3.22	20.22 1.58 0.00	21.29 1.66 0.00	21.16 1.59 0.00	16.30 1.17 -0.23	16.78 1.04 -2.26	20.41 1.45 0.00	24.76 1.75 0.00	49.96 3.36 0.00	100.94 6.24 0.00	30.61 1.89 0.00	28.76 1.67 0.00	27.90 1.75 0.00	29.23 1.68 0.00
BAYONEEC___CTG8 323689	18.44 1.22 0.00	20.11 1.34 0.00	20.28 1.21 0.00	21.67 1.17 0.00	23.43 1.32 0.00	25.82 1.57 0.00	66.03 4.32 0.00	34.64 2.39 0.00	21.83 1.60 0.00	18.33 1.34 -0.71	22.96 1.46 -3.22	20.22 1.58 0.00	21.29 1.66 0.00	21.16 1.59 0.00	16.30 1.17 -0.23	16.78 1.04 -2.26	20.41 1.45 0.00	24.76 1.75 0.00	49.96 3.36 0.00	100.94 6.24 0.00	30.61 1.89 0.00	28.76 1.67 0.00	27.90 1.75 0.00	29.23 1.68 0.00
BAYONEEC___CTG9 323749	18.44 1.22 0.00	20.11 1.34 0.00	20.28 1.21 0.00	21.67 1.17 0.00	23.43 1.32 0.00	25.82 1.57 0.00	66.03 4.32 0.00	34.64 2.39 0.00	21.83 1.60 0.00	18.33 1.34 -0.71	22.96 1.46 -3.22	20.22 1.58 0.00	21.29 1.66 0.00	21.16 1.59 0.00	16.30 1.17 -0.23	16.78 1.04 -2.26	20.41 1.45 0.00	24.76 1.75 0.00	49.96 3.36 0.00	100.94 6.24 0.00	30.61 1.89 0.00	28.76 1.67 0.00	27.90 1.75 0.00	29.23 1.68 0.00
BEACON___LESR 323632	17.89 0.68 0.00	19.50 0.73 0.00	19.77 0.69 0.00	21.23 0.73 0.00	22.91 0.80 0.00	25.23 0.98 0.00	64.68 2.96 0.00	33.82 1.57 0.00	21.12 0.88 0.00	16.98 0.71 0.00	19.12 0.84 0.00	19.52 0.88 0.00	20.60 0.97 0.00	20.50 0.93 0.00	15.63 0.73 0.00	14.13 0.65 0.00	19.92 0.96 0.00	24.24 1.23 0.00	49.06 2.46 0.00	99.27 4.57 0.00	30.08 1.36 0.00	28.25 1.15 0.00	27.27 1.12 0.00	28.58 1.04 0.00
BEAVER RIVER___HYD 24048	18.84 -0.61 -2.23	20.62 -0.47 -2.32	20.71 -0.71 -2.35	22.27 -0.66 -2.43	23.61 -0.61 -2.10	23.43 -0.81 0.00	63.10 -1.48 -2.87	34.71 -0.64 -3.10	22.14 -0.50 -2.41	17.96 -0.57 -2.25	19.84 -0.74 -2.30	20.08 -0.88 -2.32	21.01 -1.00 -2.37	20.95 -0.99 -2.37	16.27 -0.74 -2.11	14.96 -0.55 -2.02	20.45 -0.81 -2.30	21.85 -0.82 0.33	47.28 -1.33 -2.01	92.65 -2.05 0.00	28.24 -0.48 0.00	26.74 -0.35 0.00	26.12 -0.04 0.00	27.75 0.21 0.00
BEEBEE_GT_13 23619	16.66 -0.55 0.00	18.08 -0.69 0.00	18.40 -0.68 0.00	19.85 -0.66 0.00	21.36 -0.75 0.00	23.42 -0.84 0.00	59.22 -2.50 0.00	30.71 -1.53 0.00	19.36 -0.88 0.00	15.56 -0.71 0.00	17.62 -0.67 0.00	17.81 -0.83 0.00	18.77 -0.87 0.00	18.71 -0.86 0.00	14.21 -0.69 0.00	12.83 -0.66 0.00	18.00 -0.96 0.00	21.94 -1.06 0.00	44.74 -1.86 0.00	91.19 -3.50 0.00	27.42 -1.30 0.00	25.99 -1.10 0.00	25.03 -1.13 0.00	26.49 -1.05 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.66 1.44 0.00	20.35 1.59 0.00	20.53 1.46 0.00	21.94 1.44 0.00	23.74 1.63 0.00	26.16 1.91 0.00	66.96 5.24 0.00	35.13 2.87 -0.02	30.49 1.91 -8.35	47.16 1.60 -29.29	57.64 1.74 -37.61	37.26 1.86 -16.76	29.80 1.93 -8.23	21.45 1.86 -0.02	16.55 1.39 -0.26	16.96 1.22 -2.25	39.05 1.68 -18.41	25.04 2.04 0.00	50.52 3.92 0.00	102.48 7.78 0.00	260.76 2.38 -229.67	45.02 2.07 -15.86	94.04 2.13 -65.76	29.64 2.08 -0.01
BETHLEHEM___GRP 23843	17.62 0.40 0.00	19.20 0.43 0.00	19.46 0.38 0.00	20.89 0.39 0.00	22.56 0.45 0.00	24.79 0.54 0.00	63.45 1.73 0.00	33.19 0.95 0.00	20.77 0.53 0.00	16.69 0.42 0.00	18.80 0.52 0.00	19.22 0.58 0.00	20.26 0.62 0.00	20.20 0.62 0.00	15.42 0.52 0.00	13.92 0.44 0.00	19.58 0.62 0.00	23.77 0.76 0.00	48.03 1.43 0.00	97.19 2.49 0.00	29.52 0.80 0.00	27.74 0.65 0.00	26.77 0.62 0.00	28.08 0.53 0.00
BETHLEHEM___GS1 323560	17.62 0.40 0.00	19.21 0.43 0.00	19.46 0.38 0.00	20.89 0.39 0.00	22.56 0.45 0.00	24.79 0.54 0.00	63.45 1.73 0.00	33.19 0.94 0.00	20.76 0.53 0.00	16.68 0.42 0.00	18.81 0.52 0.00	19.22 0.58 0.00	20.26 0.62 0.00	20.20 0.62 0.00	15.42 0.52 0.00	13.92 0.44 0.00	19.58 0.62 0.00	23.77 0.76 0.00	48.03 1.42 0.00	97.18 2.48 0.00	29.52 0.80 0.00	27.74 0.65 0.00	26.77 0.62 0.00	28.08 0.53 0.00
BETHLEHEM___GS2 323561	17.62 0.40 0.00	19.21 0.43 0.00	19.46 0.38 0.00	20.89 0.39 0.00	22.56 0.45 0.00	24.79 0.54 0.00	63.45 1.73 0.00	33.19 0.94 0.00	20.76 0.53 0.00	16.68 0.42 0.00	18.81 0.52 0.00	19.22 0.58 0.00	20.26 0.62 0.00	20.20 0.62 0.00	15.42 0.52 0.00	13.92 0.44 0.00	19.58 0.62 0.00	23.77 0.76 0.00	48.03 1.42 0.00	97.18 2.48 0.00	29.52 0.80 0.00	27.74 0.65 0.00	26.77 0.62 0.00	28.08 0.53 0.00
BETHLEHEM___GS3 323562	17.62 0.40 0.00	19.21 0.43 0.00	19.46 0.38 0.00	20.89 0.39 0.00	22.56 0.45 0.00	24.79 0.54 0.00	63.45 1.73 0.00	33.19 0.94 0.00	20.76 0.53 0.00	16.68 0.42 0.00	18.81 0.52 0.00	19.22 0.58 0.00	20.26 0.62 0.00	20.20 0.62 0.00	15.42 0.52 0.00	13.92 0.44 0.00	19.58 0.62 0.00	23.77 0.76 0.00	48.03 1.42 0.00	97.18 2.48 0.00	29.52 0.80 0.00	27.74 0.65 0.00	26.77 0.62 0.00	28.08 0.53 0.00
BETHLEHEM___STEEL 23779	16.38 -0.83 0.00	17.73 -1.04 0.00	18.10 -0.98 0.00	19.58 -0.92 0.00	21.04 -1.07 0.00	23.09 -1.16 0.00	57.86 -3.86 0.00	29.79 -2.46 0.00	18.84 -1.40 0.00	15.11 -1.17 0.00	17.19 -1.09 0.00	17.29 -1.35 0.00	18.24 -1.40 0.00	18.20 -1.38 0.00	13.78 -1.12 0.00	12.46 -1.03 0.00	17.47 -1.49 0.00	21.31 -1.70 0.00	43.65 -2.95 0.00	89.48 -5.22 0.00	26.76 -1.95 0.00	25.52 -1.57 0.00	24.60 -1.56 0.00	26.19 -1.36 0.00
BETHLHEM_115KV_TB1 79974	17.64 0.42 0.00	19.22 0.45 0.00	19.48 0.40 0.00	20.90 0.40 0.00	22.58 0.47 0.00	24.82 0.57 0.00	63.51 1.79 0.00	33.22 0.98 0.00	20.78 0.55 0.00	16.70 0.43 0.00	18.82 0.53 0.00	19.24 0.59 0.00	20.28 0.64 0.00	20.20 0.63 0.00	15.43 0.53 0.00	13.93 0.45 0.00	19.60 0.64 0.00	23.80 0.79 0.00	48.09 1.49 0.00	97.29 2.59 0.00	29.55 0.83 0.00	27.77 0.68 0.00	26.80 0.65 0.00	28.11 0.56 0.00
BETHPAGE_CC_5 323564	18.68 1.46 0.00	20.34 1.57 0.00	20.54 1.46 0.00	21.95 1.45 0.00	23.82 1.71 0.00	26.18 1.93 0.00	66.74 5.02 0.00	35.13 2.89 0.00	25.80 1.99 -3.57	23.93 1.62 -6.05	23.38 1.75 -3.34	20.49 1.85 0.00	21.58 1.94 0.00	21.42 1.84 0.00	16.48 1.35 -0.23	16.97 1.20 -2.28	20.61 1.65 0.00	25.05 2.05 0.00	50.61 4.02 0.00	102.14 7.44 0.00	30.88 2.17 0.00	29.15 2.06 0.00	28.24 2.09 0.00	29.55 2.01 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.47 -0.75 0.00	17.84 -0.93 0.00	18.20 -0.87 0.00	19.69 -0.80 0.00	21.18 -0.94 0.00	23.24 -1.01 0.00	58.23 -3.49 0.00	29.99 -2.25 0.00	18.97 -1.26 0.00	15.22 -1.05 0.00	17.31 -0.97 0.00	17.41 -1.23 0.00	18.36 -1.28 0.00	18.32 -1.25 0.00	13.87 -1.02 0.00	12.54 -0.94 0.00	17.59 -1.37 0.00	21.45 -1.55 0.00	43.97 -2.62 0.00	90.14 -4.56 0.00	26.96 -1.75 0.00	25.71 -1.38 0.00	24.77 -1.39 0.00	26.36 -1.19 0.00

BINGHAMTON___COGEN 23790	17.20 -0.02 0.00	18.81 0.04 0.00	19.06 -0.02 0.00	20.48 -0.02 0.00	22.12 0.00 0.00	24.27 0.02 0.00	61.87 0.15 0.00	32.25 0.01 0.00	20.32 0.08 0.00	16.27 0.00 0.00	18.31 0.03 0.00	18.62 -0.02 0.00	19.67 0.03 0.00	19.60 0.02 0.00	14.81 -0.08 0.00	13.44 -0.05 0.00	18.89 -0.07 0.00	22.98 -0.02 0.00	46.73 0.13 0.00	94.88 0.18 0.00	28.67 -0.05 0.00	27.06 -0.03 0.00	26.16 0.00 0.00	27.63 0.09 0.00
BIXINCNT_115KV_LOAD 355685	16.34 -0.87 0.00	17.75 -1.02 0.00	18.29 -0.79 0.00	19.78 -0.73 0.00	21.35 -0.76 0.00	23.58 -0.67 0.00	58.18 -3.54 0.00	30.01 -2.24 0.00	19.27 -0.97 0.00	15.47 -0.80 0.00	17.44 -0.84 0.00	17.44 -1.21 0.00	18.36 -1.28 0.00	18.25 -1.33 0.00	13.78 -1.11 0.00	12.44 -1.04 0.00	17.44 -1.52 0.00	21.40 -1.60 0.00	44.48 -2.12 0.00	91.70 -3.00 0.00	27.48 -1.24 0.00	26.28 -0.81 0.00	25.29 -0.86 0.00	26.82 -0.73 0.00
BLACK RIVER___HYD 24047	18.10 -0.69 -1.57	19.88 -0.52 -1.63	19.92 -0.80 -1.65	21.39 -0.81 -1.71	22.78 -0.81 -1.47	23.28 -0.97 0.00	62.00 -1.73 -2.01	33.67 -0.75 -2.18	21.32 -0.61 -1.69	17.13 -0.72 -1.58	18.98 -0.92 -1.61	19.14 -1.13 -1.63	20.02 -1.28 -1.67	19.99 -1.25 -1.66	15.47 -0.91 -1.48	14.21 -0.69 -1.42	19.55 -1.03 -1.62	21.89 -0.92 0.19	46.66 -1.35 -1.41	92.50 -2.20 0.00	28.20 -0.51 0.00	26.56 -0.53 0.00	25.96 -0.19 0.00	27.63 0.08 0.00
BLACKRVR_115KV_TB2 79977	18.10 -0.68 -1.57	19.88 -0.52 -1.63	19.92 -0.80 -1.65	21.39 -0.81 -1.71	22.78 -0.81 -1.47	23.28 -0.97 0.00	62.00 -1.73 -2.01	33.67 -0.75 -2.18	21.32 -0.61 -1.69	17.13 -0.72 -1.58	18.97 -0.92 -1.61	19.14 -1.13 -1.63	20.02 -1.28 -1.67	19.99 -1.25 -1.66	15.47 -0.91 -1.48	14.21 -0.69 -1.42	19.55 -1.03 -1.62	21.90 -0.92 0.19	46.66 -1.35 -1.41	92.50 -2.20 0.00	28.20 -0.51 0.00	26.56 -0.53 0.00	25.96 -0.19 0.00	27.63 0.08 0.00
BLISS_WT_PWR 323608	16.17 -1.05 0.00	17.56 -1.20 0.00	18.16 -0.92 0.00	19.63 -0.87 0.00	21.21 -0.90 0.00	23.47 -0.78 0.00	57.65 -4.07 0.00	29.74 -2.50 0.00	19.19 -1.05 0.00	15.42 -0.85 0.00	17.34 -0.95 0.00	17.28 -1.37 0.00	18.18 -1.45 0.00	18.05 -1.53 0.00	13.64 -1.26 0.00	12.30 -1.18 0.00	17.25 -1.72 0.00	21.22 -1.79 0.00	44.25 -2.35 0.00	91.49 -3.21 0.00	27.41 -1.30 0.00	26.25 -0.84 0.00	25.23 -0.92 0.00	26.74 -0.81 0.00
BLUESTONE___WT_PWR 323821	16.95 -0.27 0.00	19.26 0.49 0.00	19.09 0.01 0.00	20.55 0.05 0.00	22.71 0.60 0.00	24.08 -0.17 0.00	62.04 0.33 0.00	32.73 0.48 0.00	20.66 0.42 0.00	16.48 0.21 0.00	18.42 0.13 0.00	18.53 -0.11 0.00	19.43 -0.20 0.00	19.36 -0.21 0.00	14.64 -0.25 0.00	13.34 -0.14 0.00	18.94 -0.02 0.00	23.37 0.37 0.00	47.73 1.14 0.00	96.35 1.65 0.00	29.34 0.62 0.00	27.30 0.21 0.00	26.68 0.52 0.00	28.86 1.32 0.00
BLUE_CIRC_CHEM_DRP 24182	17.81 0.59 0.00	19.41 0.64 0.00	19.68 0.61 0.00	21.14 0.64 0.00	22.82 0.70 0.00	25.08 0.83 0.00	64.10 2.39 0.00	33.49 1.24 0.00	20.93 0.70 0.00	16.79 0.52 0.00	18.86 0.58 0.00	19.26 0.62 0.00	20.31 0.67 0.00	20.24 0.67 0.00	15.47 0.57 0.00	13.99 0.51 0.00	19.71 0.75 0.00	23.94 0.93 0.00	48.44 1.85 0.00	98.09 3.40 0.00	29.76 1.05 0.00	28.01 0.92 0.00	27.05 0.89 0.00	28.40 0.86 0.00
BOC_GAS_DRP 24189	17.71 0.49 0.00	19.31 0.54 0.00	19.57 0.49 0.00	21.00 0.50 0.00	22.66 0.55 0.00	24.92 0.67 0.00	63.65 1.93 0.00	33.29 1.05 0.00	20.87 0.63 0.00	16.76 0.49 0.00	18.85 0.56 0.00	19.27 0.62 0.00	20.31 0.67 0.00	20.24 0.66 0.00	15.39 0.49 0.00	13.91 0.42 0.00	19.59 0.63 0.00	23.79 0.78 0.00	48.12 1.52 0.00	97.44 2.74 0.00	29.56 0.84 0.00	27.83 0.74 0.00	26.89 0.74 0.00	28.24 0.69 0.00
BOONVILLE_115KV_TB1 79983	18.17 0.08 -0.88	19.85 0.17 -0.92	20.04 0.04 -0.92	21.57 0.12 -0.96	23.13 0.20 -0.83	24.43 0.18 0.00	63.78 0.93 -1.13	34.02 0.55 -1.22	21.52 0.34 -0.95	17.35 0.19 -0.88	19.36 0.17 -0.90	19.65 0.09 -0.91	20.65 0.08 -0.93	20.56 0.05 -0.93	15.76 0.04 -0.83	14.38 0.10 -0.80	20.01 0.16 -0.89	25.60 0.28 -2.32	48.08 0.72 -0.77	96.42 1.72 0.00	29.26 0.54 0.00	27.64 0.55 0.00	26.79 0.64 0.00	28.30 0.75 0.00
BORALEX_4TH_BRANCH 23824	18.23 1.01 0.00	19.86 1.09 0.00	20.11 1.03 0.00	21.62 1.12 0.00	23.31 1.20 0.00	25.52 1.27 0.00	65.52 3.80 0.00	34.28 2.04 0.00	21.33 1.09 0.00	17.12 0.75 -0.10	19.58 0.86 -0.44	19.64 0.99 0.00	20.74 1.10 0.00	20.72 1.15 0.00	15.75 0.82 -0.03	14.55 0.74 -0.33	20.04 1.08 0.00	24.35 1.35 0.00	49.25 2.65 0.00	99.60 4.90 0.00	30.38 1.67 0.00	28.61 1.52 0.00	27.55 1.39 0.00	28.87 1.33 0.00
BOWLINE___1 23526	18.27 1.05 0.00	19.94 1.17 0.00	20.15 1.07 0.00	21.57 1.07 0.00	23.32 1.20 0.00	25.68 1.43 0.00	65.64 3.92 0.00	34.36 2.12 0.00	21.61 1.38 0.00	16.38 1.10 1.00	14.96 1.18 4.51	19.93 1.29 0.00	21.01 1.37 0.00	20.91 1.33 0.00	15.51 0.93 0.32	11.17 0.80 3.12	20.11 1.15 0.00	24.45 1.45 0.00	49.45 2.85 0.00	99.88 5.19 0.00	30.26 1.55 0.00	28.46 1.37 0.00	27.64 1.48 0.00	29.02 1.48 0.00
BOWLINE___2 23595	18.27 1.05 0.00	19.94 1.17 0.00	20.15 1.07 0.00	21.57 1.07 0.00	23.32 1.20 0.00	25.68 1.43 0.00	65.66 3.94 0.00	34.40 2.15 0.00	21.64 1.40 0.00	16.39 1.11 1.00	14.97 1.20 4.51	19.94 1.30 0.00	21.01 1.38 0.00	20.91 1.34 0.00	15.53 0.95 0.32	11.19 0.82 3.12	20.14 1.18 0.00	24.50 1.49 0.00	49.54 2.94 0.00	100.07 5.37 0.00	30.31 1.59 0.00	28.50 1.41 0.00	27.66 1.51 0.00	29.03 1.49 0.00
BRADY___115KV_TB2 356060	19.82 -0.05 -2.64	21.47 -0.05 -2.75	21.90 0.05 -2.77	23.49 0.12 -2.87	24.76 0.16 -2.48	24.35 0.10 0.00	65.14 0.03 -3.39	35.93 0.01 -3.67	22.95 -0.15 -2.85	18.77 -0.16 -2.66	20.78 -0.22 -2.72	21.15 -0.24 -2.74	22.15 -0.29 -2.81	22.18 -0.20 -2.81	17.24 -0.14 -2.49	15.76 -0.11 -2.39	21.50 -0.20 -2.75	25.15 -0.22 -2.36	48.61 -0.38 -2.39	94.76 0.06 0.00	28.80 0.08 0.00	27.31 0.22 0.00	26.46 0.31 0.00	27.97 0.43 0.00
BRANSCOMB___SOLAR 323811	18.02 0.80 0.00	19.64 0.87 0.00	19.90 0.82 0.00	21.43 0.93 0.00	23.16 1.05 0.00	25.54 1.29 0.00	65.59 3.87 0.00	34.29 2.04 0.00	21.31 1.07 0.00	17.03 0.76 0.00	19.19 0.91 0.00	19.64 0.99 0.00	20.70 1.06 0.00	20.65 1.07 0.00	15.66 0.76 0.00	14.15 0.67 0.00	20.07 1.10 0.00	24.47 1.47 0.00	49.53 2.93 0.00	100.17 5.47 0.00	30.33 1.62 0.00	28.51 1.41 0.00	27.41 1.26 0.00	28.76 1.21 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.81 1.60 0.00	20.48 1.71 0.00	20.69 1.61 0.00	22.10 1.60 0.00	24.00 1.89 0.00	26.33 2.08 0.00	67.11 5.39 0.00	35.38 3.14 0.00	25.99 2.18 -3.57	24.09 1.77 -6.05	23.54 1.92 -3.34	20.66 2.01 0.00	21.75 2.11 0.00	21.56 1.98 0.00	16.60 1.47 -0.23	17.06 1.29 -2.28	20.76 1.80 0.00	25.24 2.23 0.00	51.02 4.42 0.00	102.97 8.27 0.00	31.10 2.39 0.00	29.36 2.27 0.00	28.37 2.22 0.00	29.72 2.17 0.00

BRISTLHL_115KV_TB1 79998	16.79 -0.43 0.00	18.28 -0.49 0.00	18.55 -0.53 0.00	19.94 -0.57 0.00	21.44 -0.67 0.00	23.47 -0.78 0.00	59.77 -1.94 0.00	31.18 -1.06 0.00	19.65 -0.58 0.00	15.85 -0.42 0.00	17.82 -0.46 0.00	18.12 -0.52 0.00	19.08 -0.56 0.00	19.00 -0.57 0.00	14.46 -0.43 0.00	13.09 -0.39 0.00	18.39 -0.57 0.00	22.13 -0.71 0.16	45.24 -1.36 0.00	91.78 -2.92 0.00	27.76 -0.96 0.00	26.20 -0.89 0.00	25.30 -0.85 0.00	26.66 -0.88 0.00
BROOKHAVEN___DRP 24191	18.68 1.46 0.00	20.33 1.56 0.00	20.54 1.46 0.00	21.91 1.41 0.00	23.80 1.69 0.00	26.03 1.78 0.00	66.30 4.59 0.00	35.05 2.80 0.00	25.78 1.97 -3.57	23.99 1.67 -6.05	23.43 1.81 -3.34	20.57 1.92 0.00	21.66 2.02 0.00	21.43 1.86 0.00	16.49 1.37 -0.23	16.93 1.16 -2.28	20.54 1.58 0.00	24.93 1.93 0.00	50.40 3.81 0.00	101.75 7.05 0.00	30.70 1.99 0.00	29.00 1.91 0.00	27.96 1.80 0.00	29.22 1.68 0.00
BROOKLYN_NAVY_YARD 23515	18.45 1.24 0.00	20.11 1.35 0.00	20.29 1.21 0.00	21.67 1.17 0.00	23.42 1.31 0.00	25.82 1.57 0.00	66.07 4.35 0.00	34.66 2.41 0.00	21.85 1.61 0.00	18.34 1.36 -0.71	22.98 1.49 -3.22	20.25 1.60 0.00	21.32 1.69 0.00	21.18 1.61 0.00	16.32 1.19 -0.23	16.80 1.06 -2.26	20.44 1.48 0.00	24.79 1.79 0.00	50.03 3.43 0.00	101.10 6.40 0.00	30.64 1.93 0.00	28.78 1.70 0.00	27.92 1.76 0.00	29.25 1.70 0.00
BROOKLYN___ARMY_DRP 323595	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
BROOKVLE_69_KV_TB1 55790	18.73 1.52 0.00	20.41 1.64 0.00	20.60 1.52 0.00	22.03 1.53 0.00	23.89 1.78 0.00	26.29 2.04 0.00	67.11 5.39 0.00	35.30 3.05 0.00	25.88 2.08 -3.57	24.00 1.68 -6.05	23.47 1.85 -3.34	20.59 1.95 0.00	21.69 2.05 0.00	21.53 1.96 0.00	16.56 1.43 -0.23	17.04 1.28 -2.28	20.75 1.79 0.00	25.16 2.16 0.00	50.75 4.15 0.00	102.42 7.72 0.00	31.06 2.34 0.00	29.34 2.25 0.00	28.39 2.23 0.00	29.73 2.18 0.00
BROOME_2_LFGE 323671	17.19 -0.02 0.00	18.80 0.04 0.00	19.06 -0.02 0.00	20.48 -0.02 0.00	22.12 0.00 0.00	24.27 0.02 0.00	61.87 0.15 0.00	32.25 0.00 0.00	20.31 0.08 0.00	16.27 0.00 0.00	18.31 0.03 0.00	18.62 -0.02 0.00	19.66 0.03 0.00	19.60 0.02 0.00	14.81 -0.09 0.00	13.43 -0.05 0.00	18.89 -0.07 0.00	22.98 -0.02 0.00	46.74 0.14 0.00	94.88 0.18 0.00	28.67 -0.05 0.00	27.06 -0.03 0.00	26.16 0.01 0.00	27.63 0.09 0.00
BROOME___LFGE 323600	17.19 -0.02 0.00	18.80 0.04 0.00	19.06 -0.02 0.00	20.48 -0.02 0.00	22.12 0.00 0.00	24.27 0.02 0.00	61.87 0.15 0.00	32.25 0.00 0.00	20.31 0.08 0.00	16.27 0.00 0.00	18.31 0.03 0.00	18.62 -0.02 0.00	19.66 0.03 0.00	19.60 0.02 0.00	14.81 -0.09 0.00	13.43 -0.05 0.00	18.89 -0.07 0.00	22.98 -0.02 0.00	46.74 0.14 0.00	94.88 0.18 0.00	28.67 -0.05 0.00	27.06 -0.03 0.00	26.16 0.01 0.00	27.63 0.09 0.00
BROWNFLS_115KV_TB_3_5 80003	20.65 -0.55 -3.98	22.43 -0.48 -4.14	22.67 -0.58 -4.18	24.29 -0.54 -4.32	25.35 -0.51 -3.75	23.50 -0.75 0.00	65.12 -1.71 -5.11	36.97 -0.81 -5.53	23.92 -0.61 -4.29	19.69 -0.60 -4.01	21.66 -0.71 -4.09	21.97 -0.80 -4.13	22.95 -0.91 -4.23	22.93 -0.87 -4.23	18.00 -0.65 -3.75	16.57 -0.52 -3.60	22.28 -0.81 -4.13	24.65 -0.88 -2.53	48.59 -1.61 -3.59	92.24 -2.46 0.00	28.11 -0.61 0.00	26.67 -0.42 0.00	26.04 -0.11 0.00	27.62 0.07 0.00
BROWNSV1_27_KV_LOAD 356125	18.61 1.39 0.00	20.28 1.51 0.00	20.47 1.39 0.00	21.87 1.37 0.00	23.65 1.54 0.00	26.09 1.84 0.00	66.71 4.99 0.00	35.02 2.78 0.00	22.08 1.85 0.00	18.52 1.54 -0.71	23.19 1.69 -3.22	20.44 1.80 0.00	21.52 1.89 0.00	21.39 1.81 0.00	16.47 1.34 -0.23	16.93 1.19 -2.26	20.64 1.68 0.00	25.06 2.05 0.00	50.56 3.97 0.00	102.18 7.48 0.00	30.99 2.27 0.00	29.11 2.02 0.00	28.21 2.06 0.00	29.53 1.99 0.00
BURROWS___LYONSDAL 23803	18.25 -0.11 -1.14	19.97 0.01 -1.19	20.11 -0.17 -1.20	21.66 -0.09 -1.25	23.19 -0.01 -1.08	24.16 -0.09 0.00	63.51 0.32 -1.47	34.08 0.25 -1.59	21.60 0.13 -1.24	17.42 0.00 -1.16	19.39 -0.06 -1.18	19.67 -0.16 -1.19	20.65 -0.20 -1.22	20.56 -0.23 -1.22	15.81 -0.17 -1.08	14.45 -0.07 -1.04	20.04 -0.09 -1.17	24.25 -0.02 -1.27	47.78 0.17 -1.01	95.42 0.72 0.00	29.00 0.28 0.00	27.43 0.34 0.00	26.63 0.48 0.00	28.19 0.65 0.00
CAITHNESS_CC_1 323624	18.66 1.44 0.00	20.31 1.54 0.00	20.52 1.44 0.00	21.89 1.39 0.00	23.78 1.67 0.00	26.02 1.77 0.00	66.28 4.56 0.00	35.02 2.78 0.00	25.76 1.96 -3.57	23.96 1.64 -6.05	23.41 1.78 -3.34	20.54 1.90 0.00	21.63 2.00 0.00	21.41 1.84 0.00	16.48 1.35 -0.23	16.92 1.15 -2.28	20.54 1.58 0.00	24.92 1.92 0.00	50.36 3.76 0.00	101.68 6.98 0.00	30.68 1.97 0.00	28.99 1.90 0.00	27.96 1.81 0.00	29.24 1.69 0.00
CALPINE BETH_PAGE_GT4 24209	18.65 1.44 0.00	20.31 1.54 0.00	20.52 1.44 0.00	21.93 1.43 0.00	23.79 1.68 0.00	26.15 1.90 0.00	66.62 4.91 0.00	35.07 2.83 0.00	25.75 1.95 -3.57	23.90 1.58 -6.05	23.34 1.71 -3.34	20.45 1.81 0.00	21.53 1.90 0.00	21.38 1.80 0.00	16.45 1.32 -0.23	16.94 1.17 -2.28	20.54 1.58 0.00	24.97 1.97 0.00	50.44 3.84 0.00	101.76 7.06 0.00	30.79 2.07 0.00	29.06 1.97 0.00	28.19 2.04 0.00	29.50 1.96 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.66 1.44 0.00	20.31 1.54 0.00	20.51 1.44 0.00	21.93 1.43 0.00	23.79 1.68 0.00	26.15 1.90 0.00	66.62 4.90 0.00	35.07 2.83 0.00	25.75 1.95 -3.57	23.90 1.58 -6.05	23.34 1.71 -3.34	20.45 1.81 0.00	21.53 1.90 0.00	21.38 1.80 0.00	16.45 1.32 -0.23	16.94 1.17 -2.28	20.54 1.58 0.00	24.97 1.97 0.00	50.44 3.85 0.00	101.76 7.06 0.00	30.79 2.07 0.00	29.06 1.97 0.00	28.19 2.04 0.00	29.50 1.95 0.00
CALPINE_BP_GT1 23823	18.66 1.44 0.00	20.31 1.54 0.00	20.51 1.44 0.00	21.93 1.43 0.00	23.79 1.68 0.00	26.15 1.90 0.00	66.62 4.90 0.00	35.07 2.83 0.00	25.75 1.95 -3.57	23.90 1.58 -6.05	23.34 1.71 -3.34	20.45 1.81 0.00	21.53 1.90 0.00	21.38 1.80 0.00	16.45 1.32 -0.23	16.94 1.17 -2.28	20.54 1.58 0.00	24.97 1.97 0.00	50.44 3.85 0.00	101.76 7.06 0.00	30.79 2.07 0.00	29.06 1.97 0.00	28.19 2.04 0.00	29.50 1.95 0.00
CALSPAN___DRP 24200	16.38 -0.83 0.00	17.73 -1.04 0.00	18.10 -0.98 0.00	19.58 -0.92 0.00	21.04 -1.07 0.00	23.09 -1.16 0.00	57.86 -3.86 0.00	29.79 -2.46 0.00	18.84 -1.40 0.00	15.11 -1.17 0.00	17.19 -1.09 0.00	17.29 -1.35 0.00	18.24 -1.40 0.00	18.20 -1.38 0.00	13.78 -1.12 0.00	12.46 -1.03 0.00	17.47 -1.49 0.00	21.31 -1.70 0.00	43.65 -2.95 0.00	89.48 -5.22 0.00	26.76 -1.95 0.00	25.52 -1.57 0.00	24.60 -1.56 0.00	26.19 -1.36 0.00

CALVERTON___SOLAR 323806	18.70 1.49 0.00	20.35 1.58 0.00	20.55 1.48 0.00	21.93 1.43 0.00	23.84 1.72 0.00	26.06 1.81 0.00	66.39 4.67 0.00	35.09 2.85 0.00	25.81 2.00 -3.57	24.01 1.69 -6.05	23.46 1.84 -3.34	20.59 1.95 0.00	21.69 2.05 0.00	21.45 1.88 0.00	16.51 1.38 -0.23	16.93 1.17 -2.28	20.55 1.59 0.00	24.95 1.95 0.00	50.48 3.88 0.00	101.92 7.22 0.00	30.73 2.02 0.00	29.04 1.95 0.00	27.98 1.82 0.00	29.25 1.70 0.00
CANDIGU_WT_PWR 323617	16.55 -0.66 0.00	18.30 -0.47 0.00	18.43 -0.64 0.00	19.92 -0.58 0.00	21.74 -0.37 0.00	23.92 -0.33 0.00	60.80 -0.91 0.00	31.31 -0.94 0.00	19.60 -0.63 0.00	15.54 -0.73 0.00	17.51 -0.77 0.00	17.77 -0.87 0.00	18.82 -0.81 0.00	18.74 -0.83 0.00	14.03 -0.87 0.00	12.73 -0.75 0.00	17.89 -1.07 0.00	21.91 -1.09 0.00	45.09 -1.51 0.00	92.52 -2.17 0.00	28.16 -0.56 0.00	26.66 -0.43 0.00	25.88 -0.28 0.00	27.41 -0.14 0.00
CARR STREET_E_SYR 24060	16.95 -0.27 0.00	18.46 -0.31 0.00	18.72 -0.36 0.00	20.12 -0.37 0.00	21.66 -0.45 0.00	23.71 -0.54 0.00	60.41 -1.31 0.00	31.52 -0.72 0.00	19.86 -0.38 0.00	16.01 -0.27 0.00	18.00 -0.29 0.00	18.30 -0.35 0.00	19.27 -0.36 0.00	19.20 -0.38 0.00	14.61 -0.29 0.00	13.21 -0.27 0.00	18.55 -0.41 0.00	22.43 -0.57 0.00	45.40 -1.20 0.00	92.16 -2.54 0.00	27.86 -0.85 0.00	26.39 -0.70 0.00	25.49 -0.66 0.00	26.85 -0.69 0.00
CARTHAGE___PAPER 23857	18.53 -0.51 -1.83	20.31 -0.35 -1.90	20.39 -0.60 -1.92	21.92 -0.56 -1.98	23.31 -0.52 -1.72	23.58 -0.67 0.00	63.00 -1.07 -2.34	34.36 -0.42 -2.53	21.82 -0.39 -1.97	17.60 -0.51 -1.84	19.47 -0.69 -1.88	19.68 -0.86 -1.89	20.60 -0.98 -1.94	20.56 -0.96 -1.94	15.92 -0.70 -1.72	14.64 -0.50 -1.66	20.10 -0.74 -1.88	22.10 -0.66 0.25	47.30 -0.94 -1.64	93.44 -1.26 0.00	28.48 -0.24 0.00	26.90 -0.19 0.00	26.27 0.12 0.00	27.94 0.39 0.00
CASSADAGA_WT_PWR 323784	16.73 -0.49 0.00	18.19 -0.58 0.00	18.57 -0.51 0.00	20.10 -0.40 0.00	21.53 -0.59 0.00	23.67 -0.58 0.00	59.65 -2.07 0.00	30.88 -1.37 0.00	19.56 -0.68 0.00	15.62 -0.65 0.00	17.73 -0.55 0.00	17.84 -0.81 0.00	18.75 -0.89 0.00	18.35 -1.23 0.00	13.78 -1.11 0.00	12.48 -1.00 0.00	17.57 -1.40 0.00	21.53 -1.48 0.00	44.92 -1.68 0.00	91.80 -2.89 0.00	27.19 -1.53 0.00	25.91 -1.18 0.00	25.17 -0.99 0.00	26.92 -0.63 0.00
CE_DUNWOOD___DRP 24194	18.35 1.13 0.00	20.01 1.25 0.00	20.22 1.14 0.00	21.63 1.13 0.00	23.39 1.28 0.00	25.77 1.52 0.00	65.90 4.19 0.00	34.56 2.31 0.00	21.75 1.52 0.00	18.27 1.23 -0.76	23.10 1.35 -3.46	20.10 1.45 0.00	21.17 1.53 0.00	21.06 1.48 0.00	16.22 1.07 -0.25	16.86 0.95 -2.43	20.31 1.35 0.00	24.68 1.68 0.00	49.88 3.28 0.00	100.77 6.07 0.00	30.54 1.82 0.00	28.71 1.62 0.00	27.82 1.67 0.00	29.18 1.63 0.00
CE_MILLWOOD___DRP 24193	18.33 1.11 0.00	19.99 1.22 0.00	20.20 1.12 0.00	21.61 1.11 0.00	23.37 1.26 0.00	25.74 1.49 0.00	65.84 4.12 0.00	34.52 2.27 0.00	21.72 1.48 0.00	18.32 1.20 -0.84	23.41 1.30 -3.82	20.05 1.40 0.00	21.13 1.49 0.00	21.02 1.44 0.00	16.21 1.04 -0.27	17.08 0.91 -2.68	20.27 1.31 0.00	24.64 1.64 0.00	49.80 3.20 0.00	100.62 5.92 0.00	30.48 1.76 0.00	28.65 1.56 0.00	27.77 1.62 0.00	29.14 1.59 0.00
CE_NYC2_DRP 24202	18.48 1.26 0.00	20.15 1.38 0.00	20.32 1.24 0.00	21.72 1.22 0.00	23.50 1.39 0.00	25.90 1.65 0.00	66.28 4.56 0.00	34.75 2.51 0.00	21.92 1.69 0.00	18.40 1.42 -0.71	23.03 1.54 -3.21	20.30 1.66 0.00	21.36 1.72 0.00	21.22 1.65 0.00	16.40 1.24 -0.26	16.84 1.10 -2.25	24.28 1.50 -3.82	24.82 1.82 0.00	50.03 3.43 0.00	101.21 6.52 0.00	30.71 2.00 0.00	28.83 1.74 0.00	27.97 1.82 0.00	29.31 1.76 0.00
CE_NYC_DRP 24195	18.45 1.24 0.00	20.12 1.35 0.00	20.30 1.23 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.85 1.60 0.00	66.12 4.40 0.00	34.69 2.44 0.00	21.87 1.63 0.00	18.35 1.37 -0.71	23.00 1.50 -3.22	20.25 1.61 0.00	21.33 1.69 0.00	21.19 1.61 0.00	16.32 1.20 -0.23	16.80 1.06 -2.26	20.44 1.48 0.00	24.81 1.80 0.00	50.06 3.46 0.00	101.11 6.41 0.00	30.66 1.94 0.00	28.80 1.71 0.00	27.93 1.78 0.00	29.26 1.71 0.00
CHAFFEE___LFGE 323603	16.49 -0.73 0.00	17.86 -0.91 0.00	18.22 -0.86 0.00	19.70 -0.80 0.00	21.18 -0.93 0.00	23.25 -1.00 0.00	58.31 -3.42 0.00	30.04 -2.20 0.00	18.99 -1.24 0.00	15.25 -1.02 0.00	17.33 -0.95 0.00	17.45 -1.20 0.00	18.41 -1.23 0.00	18.36 -1.21 0.00	13.90 -1.00 0.00	12.56 -0.92 0.00	17.62 -1.34 0.00	21.50 -1.51 0.00	44.00 -2.60 0.00	90.10 -4.60 0.00	26.96 -1.76 0.00	25.68 -1.41 0.00	24.75 -1.41 0.00	26.34 -1.20 0.00
CHATEAUG_35_KV_LOAD 355732	-23.76 -0.69 40.29	-23.87 -0.75 41.89	-23.87 -0.66 42.28	-23.91 -0.66 43.76	-16.44 -0.67 37.88	23.65 -0.60 0.00	7.92 -2.11 51.70	-24.69 -1.02 55.92	-23.96 -0.73 43.46	-24.92 -0.61 40.59	-23.86 -0.75 41.39	-23.89 -0.78 41.76	-23.96 -0.80 42.79	-23.96 -0.78 42.76	-23.63 -0.57 37.95	-23.52 -0.51 36.49	-23.86 -0.76 42.07	-24.14 -0.93 46.22	8.19 -1.85 36.55	92.21 -2.49 0.00	28.25 -0.46 0.00	27.01 -0.08 0.00	26.23 0.08 0.00	27.81 0.26 0.00
CHATEAUG_WT_PWR 323614	-21.10 -0.85 37.47	-21.09 -0.91 38.95	-21.06 -0.82 39.32	-21.00 -0.81 40.69	-13.93 -0.82 35.23	23.51 -0.74 0.00	11.11 -2.53 48.07	-21.05 -1.29 52.00	-21.08 -0.90 40.42	-22.21 -0.74 37.75	-21.09 -0.88 38.49	-21.11 -0.92 38.84	-21.14 -0.97 39.80	-21.10 -0.91 39.77	-21.08 -0.69 35.29	-21.07 -0.62 33.94	-21.08 -0.91 39.13	-21.06 -1.12 42.95	10.42 -2.19 34.00	91.53 -3.17 0.00	28.05 -0.67 0.00	26.84 -0.25 0.00	26.09 -0.07 0.00	27.65 0.10 0.00
CHAT_HIGH_FALL_HYD 323578	-23.76 -0.69 40.29	-23.87 -0.75 41.89	-23.87 -0.66 42.28	-23.91 -0.66 43.76	-16.44 -0.67 37.88	23.65 -0.60 0.00	7.92 -2.11 51.70	-24.69 -1.02 55.92	-23.96 -0.73 43.46	-24.92 -0.61 40.59	-23.86 -0.75 41.39	-23.89 -0.78 41.76	-23.96 -0.80 42.79	-23.96 -0.78 42.76	-23.63 -0.57 37.95	-23.52 -0.51 36.49	-23.86 -0.76 42.07	-24.14 -0.93 46.22	8.19 -1.85 36.55	92.21 -2.49 0.00	28.25 -0.46 0.00	27.01 -0.08 0.00	26.23 0.08 0.00	27.81 0.26 0.00
CHAUTAUQUA___LFGE 323629	16.42 -0.79 0.00	17.85 -0.92 0.00	18.23 -0.85 0.00	19.72 -0.78 0.00	21.14 -0.97 0.00	23.24 -1.01 0.00	58.51 -3.20 0.00	30.22 -2.03 0.00	19.13 -1.10 0.00	15.27 -1.00 0.00	17.35 -0.93 0.00	17.45 -1.19 0.00	18.44 -1.20 0.00	18.28 -1.29 0.00	13.75 -1.15 0.00	12.46 -1.03 0.00	17.50 -1.46 0.00	21.42 -1.58 0.00	44.29 -2.31 0.00	90.65 -4.05 0.00	26.97 -1.74 0.00	25.69 -1.40 0.00	24.86 -1.29 0.00	26.48 -1.07 0.00
CHERRYST_13_KV_LD 356241	18.50 1.28 0.00	20.16 1.40 0.00	20.35 1.27 0.00	21.74 1.24 0.00	23.51 1.40 0.00	25.92 1.67 0.00	66.30 4.59 0.00	34.79 2.54 0.00	21.93 1.70 0.00	18.41 1.43 -0.71	23.06 1.56 -3.22	20.32 1.68 0.00	21.40 1.77 0.00	21.26 1.69 0.00	16.37 1.25 -0.23	16.85 1.11 -2.26	20.51 1.55 0.00	24.89 1.88 0.00	50.21 3.61 0.00	101.40 6.70 0.00	30.74 2.03 0.00	28.87 1.78 0.00	28.00 1.84 0.00	29.33 1.78 0.00

CHESTROR_138KV_BK263 355645	18.13 0.91 0.00	19.78 1.01 0.00	20.01 0.93 0.00	21.43 0.93 0.00	23.17 1.05 0.00	25.50 1.25 0.00	65.20 3.48 0.00	34.14 1.90 0.00	21.46 1.22 0.00	16.61 0.97 0.63	16.48 1.05 2.85	19.77 1.12 0.00	20.84 1.20 0.00	20.73 1.16 0.00	15.53 0.83 0.20	12.27 0.73 1.95	20.03 1.07 0.00	24.37 1.37 0.00	49.33 2.73 0.00	99.72 5.02 0.00	30.21 1.50 0.00	28.40 1.31 0.00	27.52 1.37 0.00	28.88 1.33 0.00
CH_MIDHUDSON___DRP 24192	18.27 1.05 0.00	19.91 1.14 0.00	20.13 1.05 0.00	21.57 1.07 0.00	23.32 1.21 0.00	25.69 1.44 0.00	65.77 4.05 0.00	34.46 2.21 0.00	21.64 1.40 0.00	17.38 1.11 0.00	19.51 1.22 0.00	19.97 1.32 0.00	21.05 1.41 0.00	20.96 1.39 0.00	15.89 1.00 0.00	14.37 0.89 0.00	20.28 1.32 0.00	24.69 1.68 0.00	49.93 3.33 0.00	100.93 6.23 0.00	30.58 1.86 0.00	28.73 1.65 0.00	27.79 1.64 0.00	29.14 1.60 0.00
CH_MISC_IPPS 23765	18.36 1.15 0.00	20.02 1.25 0.00	20.25 1.17 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.85 1.60 0.00	66.17 4.45 0.00	34.67 2.43 0.00	21.78 1.54 0.00	17.48 1.21 0.00	19.62 1.34 0.00	20.07 1.43 0.00	21.15 1.52 0.00	21.06 1.49 0.00	15.97 1.08 0.00	14.45 0.97 0.00	20.40 1.44 0.00	24.85 1.84 0.00	50.27 3.67 0.00	101.61 6.91 0.00	30.78 2.06 0.00	28.91 1.82 0.00	27.97 1.82 0.00	29.34 1.79 0.00
CH_RES_BVR_FALLS 23983	16.78 -0.44 0.00	18.33 -0.44 0.00	18.69 -0.39 0.00	20.14 -0.36 0.00	21.79 -0.32 0.00	23.85 -0.40 0.00	60.71 -1.01 0.00	31.71 -0.53 0.00	19.78 -0.46 0.00	15.88 -0.39 0.00	17.81 -0.48 0.00	18.10 -0.54 0.00	19.05 -0.58 0.00	19.01 -0.57 0.00	14.48 -0.42 0.00	13.10 -0.39 0.00	18.38 -0.59 0.00	22.16 -0.74 0.10	45.17 -1.43 0.00	92.38 -2.32 0.00	28.10 -0.62 0.00	26.70 -0.39 0.00	25.94 -0.22 0.00	27.44 -0.11 0.00
CH_RES_NIAGARA 23895	15.89 -1.32 0.00	17.17 -1.60 0.00	17.53 -1.55 0.00	18.94 -1.56 0.00	20.35 -1.76 0.00	22.29 -1.96 0.00	55.55 -6.16 0.00	28.47 -3.78 0.00	17.98 -2.26 0.00	14.46 -1.81 0.00	16.45 -1.83 0.00	16.53 -2.12 0.00	17.43 -2.21 0.00	17.40 -2.17 0.00	13.23 -1.67 0.00	11.93 -1.55 0.00	16.71 -2.25 0.00	20.35 -2.65 0.00	41.55 -5.05 0.00	85.15 -9.55 0.00	25.49 -3.22 0.00	24.33 -2.76 0.00	23.48 -2.68 0.00	25.06 -2.49 0.00
CH_RES_SYRACUSE 23985	17.06 -0.16 0.00	18.59 -0.18 0.00	18.86 -0.22 0.00	20.27 -0.23 0.00	21.81 -0.30 0.00	23.89 -0.36 0.00	60.87 -0.85 0.00	31.79 -0.46 0.00	20.01 -0.23 0.00	16.12 -0.15 0.00	18.13 -0.16 0.00	18.43 -0.21 0.00	19.41 -0.23 0.00	19.33 -0.25 0.00	14.70 -0.19 0.00	13.31 -0.17 0.00	18.70 -0.26 0.00	22.69 -0.32 0.00	46.05 -0.55 0.00	93.47 -1.23 0.00	28.26 -0.46 0.00	26.68 -0.41 0.00	25.76 -0.40 0.00	27.13 -0.42 0.00
CLINTON_WT_PWR 323605	-21.10 -0.85 37.47	-21.09 -0.91 38.95	-21.06 -0.82 39.32	-21.00 -0.81 40.69	-13.93 -0.82 35.23	23.51 -0.74 0.00	11.11 -2.53 48.07	-21.05 -1.29 52.00	-21.08 -0.90 40.42	-22.21 -0.74 37.75	-21.09 -0.88 38.49	-21.11 -0.92 38.84	-21.14 -0.97 39.80	-21.10 -0.91 39.77	-21.08 -0.69 35.29	-21.07 -0.62 33.94	-21.08 -0.91 39.13	-21.06 -1.12 42.95	10.42 -2.19 34.00	91.53 -3.17 0.00	28.05 -0.67 0.00	26.84 -0.25 0.00	26.09 -0.07 0.00	27.65 0.10 0.00
CLINTON___LFGE 323618	-21.56 -0.57 38.20	-21.55 -0.60 39.72	-21.52 -0.51 40.09	-21.48 -0.49 41.49	-14.32 -0.51 35.92	23.89 -0.36 0.00	11.27 -1.43 49.02	-21.46 -0.69 53.03	-21.53 -0.55 41.22	-22.68 -0.46 38.49	-21.54 -0.58 39.25	-21.54 -0.59 39.60	-21.58 -0.63 40.58	-21.57 -0.60 40.55	-21.55 -0.46 35.99	-21.51 -0.39 34.60	-21.51 -0.58 39.90	-21.46 -0.66 43.80	10.61 -1.32 34.66	93.21 -1.49 0.00	28.56 -0.16 0.00	27.28 0.19 0.00	26.49 0.34 0.00	28.06 0.51 0.00
COBBLENY_34_KV_TB1 80064	16.49 -0.73 0.00	17.85 -0.92 0.00	18.21 -0.87 0.00	19.70 -0.80 0.00	21.18 -0.93 0.00	23.25 -1.00 0.00	58.30 -3.42 0.00	30.04 -2.21 0.00	18.99 -1.25 0.00	15.23 -1.04 0.00	17.33 -0.96 0.00	17.44 -1.20 0.00	18.40 -1.24 0.00	18.36 -1.22 0.00	13.89 -1.01 0.00	12.56 -0.93 0.00	17.61 -1.35 0.00	21.49 -1.52 0.00	44.00 -2.60 0.00	90.10 -4.60 0.00	26.96 -1.76 0.00	25.69 -1.40 0.00	24.76 -1.40 0.00	26.34 -1.20 0.00
COFFEEN___115KV_TB3 355620	18.18 -0.56 -1.52	19.96 -0.40 -1.58	20.01 -0.67 -1.60	21.49 -0.67 -1.65	22.88 -0.66 -1.43	23.47 -0.78 0.00	62.45 -1.22 -1.95	33.88 -0.48 -2.11	21.42 -0.46 -1.64	17.18 -0.63 -1.53	19.03 -0.81 -1.56	19.17 -1.05 -1.58	20.05 -1.21 -1.62	20.01 -1.18 -1.62	15.49 -0.84 -1.44	14.25 -0.61 -1.38	19.59 -0.94 -1.57	22.10 -0.72 0.18	47.09 -0.88 -1.37	93.42 -1.28 0.00	28.46 -0.26 0.00	26.78 -0.31 0.00	26.13 -0.02 0.00	27.77 0.22 0.00
COLDSPRG_115KV_BK1 355956	17.23 0.02 0.00	18.76 -0.01 0.00	19.12 0.04 0.00	20.67 0.17 0.00	22.22 0.11 0.00	24.37 0.12 0.00	61.33 -0.38 0.00	31.74 -0.51 0.00	20.06 -0.17 0.00	16.04 -0.23 0.00	18.23 -0.05 0.00	18.41 -0.23 0.00	19.44 -0.20 0.00	19.24 -0.34 0.00	14.46 -0.43 0.00	13.09 -0.39 0.00	18.36 -0.60 0.00	22.40 -0.61 0.00	46.22 -0.38 0.00	94.36 -0.34 0.00	28.11 -0.61 0.00	26.74 -0.35 0.00	25.91 -0.25 0.00	27.65 0.10 0.00
COLONIE_LFGE___ 323577	17.90 0.68 0.00	19.50 0.73 0.00	19.76 0.68 0.00	21.23 0.73 0.00	22.92 0.81 0.00	25.21 0.96 0.00	64.59 2.87 0.00	33.79 1.54 0.00	21.08 0.85 0.00	16.89 0.62 0.00	19.01 0.73 0.00	19.47 0.82 0.00	20.53 0.89 0.00	20.47 0.90 0.00	15.57 0.64 -0.03	14.34 0.57 -0.29	19.85 0.88 0.00	24.11 1.11 0.00	48.78 2.18 0.00	98.72 4.02 0.00	29.97 1.26 0.00	28.19 1.10 0.00	27.18 1.02 0.00	28.51 0.96 0.00
COOPERNY_115KV_TB1 80082	17.89 0.68 0.00	19.52 0.75 0.00	19.76 0.68 0.00	21.19 0.69 0.00	22.89 0.78 0.00	25.18 0.93 0.00	64.32 2.60 0.00	33.66 1.41 0.00	21.16 0.93 0.00	16.70 0.72 0.29	17.74 0.78 1.33	19.49 0.84 0.00	20.54 0.90 0.00	20.44 0.87 0.00	15.41 0.61 0.09	13.12 0.54 0.91	19.74 0.78 0.00	24.00 1.00 0.00	48.60 2.01 0.00	98.38 3.68 0.00	29.81 1.09 0.00	28.04 0.95 0.00	27.16 1.01 0.00	28.53 0.98 0.00
COPENHAGEN_WT_PWR 323753	17.79 -0.87 -1.44	19.60 -0.67 -1.50	19.60 -0.99 -1.51	21.03 -1.04 -1.57	22.41 -1.06 -1.35	22.99 -1.26 0.00	61.09 -2.48 -1.85	33.14 -1.11 -2.00	20.95 -0.84 -1.56	16.84 -0.89 -1.45	18.66 -1.11 -1.48	18.81 -1.32 -1.49	19.69 -1.48 -1.53	19.64 -1.46 -1.53	15.18 -1.08 -1.36	13.94 -0.85 -1.31	19.21 -1.24 -1.49	21.63 -1.21 0.16	45.95 -1.94 -1.30	91.32 -3.38 0.00	27.89 -0.82 0.00	26.24 -0.85 0.00	25.74 -0.41 0.00	27.46 -0.09 0.00
CORNELL_____ 23752	17.43 0.21 0.00	19.05 0.27 0.00	19.29 0.21 0.00	20.75 0.25 0.00	22.40 0.29 0.00	24.60 0.35 0.00	62.81 1.09 0.00	32.80 0.55 0.00	20.63 0.39 0.00	16.51 0.24 0.00	18.51 0.23 0.00	18.81 0.17 0.00	19.80 0.16 0.00	19.73 0.15 0.00	14.97 0.08 0.00	13.58 0.09 0.00	19.17 0.21 0.00	23.40 0.39 0.00	47.65 1.05 0.00	96.75 2.05 0.00	29.28 0.56 0.00	27.61 0.52 0.00	26.64 0.49 0.00	28.08 0.53 0.00

CORONA__69_KV_TB1 355595	18.68 1.46 0.00	20.35 1.58 0.00	20.54 1.46 0.00	21.97 1.46 0.00	23.81 1.70 0.00	26.21 1.96 0.00	66.73 5.01 0.00	35.05 2.81 0.00	25.74 1.94 -3.57	23.93 1.61 -6.05	23.38 1.76 -3.34	20.51 1.86 0.00	21.59 1.95 0.00	21.44 1.86 0.00	16.49 1.36 -0.23	16.98 1.21 -2.28	20.66 1.70 0.00	25.09 2.09 0.00	50.72 4.12 0.00	102.20 7.50 0.00	30.94 2.23 0.00	29.24 2.15 0.00	28.30 2.14 0.00	29.64 2.09 0.00
CORTLAND__115KV_TB3 80093	17.32 0.10 0.00	18.91 0.14 0.00	19.16 0.08 0.00	20.61 0.11 0.00	22.23 0.12 0.00	24.39 0.14 0.00	62.27 0.55 0.00	32.51 0.26 0.00	20.45 0.21 0.00	16.40 0.13 0.00	18.42 0.13 0.00	18.73 0.09 0.00	19.73 0.10 0.00	19.67 0.10 0.00	14.92 0.03 0.00	13.52 0.04 0.00	19.06 0.10 0.00	23.19 0.19 0.00	47.13 0.53 0.00	95.66 0.97 0.00	28.94 0.22 0.00	27.30 0.21 0.00	26.36 0.21 0.00	27.78 0.24 0.00
COXSACKIE__GT 23611	18.49 1.27 0.00	20.12 1.35 0.00	20.44 1.36 0.00	21.99 1.49 0.00	23.75 1.64 0.00	26.19 1.94 0.00	67.29 5.57 0.00	35.25 3.00 0.00	22.03 1.79 0.00	17.61 1.34 0.00	19.72 1.44 0.00	20.19 1.55 0.00	21.07 1.43 0.00	20.93 1.35 0.00	15.90 1.00 0.00	14.47 0.98 0.00	20.52 1.56 0.00	25.29 2.29 0.00	51.69 5.09 0.00	104.44 9.74 0.00	31.54 2.82 0.00	29.59 2.50 0.00	28.44 2.28 0.00	29.79 2.25 0.00
CPV_VALLEY__CC1 323721	17.99 0.77 0.00	19.62 0.85 0.00	19.85 0.77 0.00	21.26 0.76 0.00	22.98 0.87 0.00	25.29 1.04 0.00	64.63 2.91 0.00	33.83 1.59 0.00	21.28 1.04 0.00	16.69 0.82 0.41	17.32 0.89 1.86	19.61 0.97 0.00	20.67 1.03 0.00	20.57 0.99 0.00	15.47 0.70 0.13	12.83 0.62 1.28	19.86 0.89 0.00	24.14 1.14 0.00	48.84 2.24 0.00	98.75 4.05 0.00	29.92 1.21 0.00	28.14 1.05 0.00	27.27 1.11 0.00	28.62 1.07 0.00
CPV_VALLEY__CC2 323722	17.99 0.77 0.00	19.62 0.85 0.00	19.85 0.77 0.00	21.26 0.76 0.00	22.98 0.87 0.00	25.29 1.04 0.00	64.63 2.91 0.00	33.83 1.59 0.00	21.28 1.04 0.00	16.69 0.82 0.41	17.32 0.89 1.86	19.61 0.97 0.00	20.67 1.03 0.00	20.57 0.99 0.00	15.47 0.70 0.13	12.83 0.62 1.28	19.86 0.89 0.00	24.14 1.14 0.00	48.84 2.24 0.00	98.75 4.05 0.00	29.92 1.21 0.00	28.14 1.05 0.00	27.27 1.11 0.00	28.62 1.07 0.00
CRESCENT__HYD 24018	17.90 0.68 0.00	19.50 0.73 0.00	19.76 0.68 0.00	21.23 0.73 0.00	22.92 0.81 0.00	25.21 0.96 0.00	64.59 2.87 0.00	33.79 1.54 0.00	21.08 0.85 0.00	16.89 0.62 0.00	19.01 0.73 0.00	19.47 0.82 0.00	20.53 0.89 0.00	20.47 0.90 0.00	15.57 0.64 -0.03	14.34 0.57 -0.29	19.85 0.88 0.00	24.11 1.11 0.00	48.78 2.18 0.00	98.72 4.02 0.00	29.97 1.26 0.00	28.19 1.10 0.00	27.18 1.02 0.00	28.51 0.96 0.00
CRICKET__VALLEY_CC1 323756	18.14 0.93 0.00	19.76 0.99 0.00	19.98 0.90 0.00	21.40 0.90 0.00	23.14 1.03 0.00	25.51 1.26 0.00	65.32 3.60 0.00	34.23 1.99 0.00	21.46 1.23 0.00	17.43 0.95 -0.21	20.33 1.08 -0.97	19.84 1.19 0.00	20.93 1.29 0.00	20.87 1.29 0.00	15.89 0.92 -0.07	15.00 0.82 -0.70	20.19 1.23 0.00	24.58 1.58 0.00	49.68 3.08 0.00	100.36 5.66 0.00	30.42 1.70 0.00	28.56 1.47 0.00	27.60 1.45 0.00	28.95 1.41 0.00
CRICKET__VALLEY_CC2 323757	18.14 0.93 0.00	19.76 0.99 0.00	19.98 0.90 0.00	21.40 0.90 0.00	23.14 1.03 0.00	25.51 1.26 0.00	65.32 3.60 0.00	34.23 1.99 0.00	21.46 1.23 0.00	17.43 0.95 -0.21	20.33 1.08 -0.97	19.84 1.19 0.00	20.93 1.29 0.00	20.87 1.29 0.00	15.89 0.92 -0.07	15.00 0.82 -0.70	20.19 1.23 0.00	24.58 1.58 0.00	49.68 3.08 0.00	100.36 5.66 0.00	30.42 1.70 0.00	28.56 1.47 0.00	27.60 1.45 0.00	28.95 1.41 0.00
CRICKET__VALLEY_CC3 323758	18.14 0.93 0.00	19.76 0.99 0.00	19.98 0.90 0.00	21.40 0.90 0.00	23.14 1.03 0.00	25.51 1.26 0.00	65.32 3.60 0.00	34.23 1.99 0.00	21.46 1.23 0.00	17.43 0.95 -0.21	20.33 1.08 -0.97	19.84 1.19 0.00	20.93 1.29 0.00	20.87 1.29 0.00	15.89 0.92 -0.07	15.00 0.82 -0.70	20.19 1.23 0.00	24.58 1.58 0.00	49.68 3.08 0.00	100.36 5.66 0.00	30.42 1.70 0.00	28.56 1.47 0.00	27.60 1.45 0.00	28.95 1.41 0.00
CRUCIBLE_METL_DRP 24180	17.06 -0.16 0.00	18.59 -0.18 0.00	18.86 -0.22 0.00	20.27 -0.24 0.00	21.81 -0.30 0.00	23.89 -0.36 0.00	60.87 -0.85 0.00	31.79 -0.46 0.00	20.01 -0.23 0.00	16.12 -0.15 0.00	18.13 -0.16 0.00	18.43 -0.21 0.00	19.41 -0.23 0.00	19.33 -0.25 0.00	14.70 -0.20 0.00	13.31 -0.17 0.00	18.70 -0.26 0.00	22.69 -0.32 0.00	46.05 -0.55 0.00	93.47 -1.23 0.00	28.26 -0.46 0.00	26.68 -0.41 0.00	25.76 -0.40 0.00	27.13 -0.42 0.00
DAHOWA__HYDRO 323763	18.05 0.83 0.00	19.67 0.90 0.00	19.93 0.85 0.00	21.48 0.98 0.00	23.22 1.11 0.00	25.63 1.38 0.00	65.91 4.19 0.00	34.47 2.22 0.00	21.40 1.16 0.00	17.08 0.81 0.00	19.26 0.98 0.00	19.71 1.07 0.00	20.78 1.14 0.00	20.73 1.16 0.00	15.71 0.81 0.00	14.19 0.70 0.00	20.15 1.19 0.00	24.58 1.57 0.00	49.76 3.16 0.00	100.59 5.89 0.00	30.44 1.72 0.00	28.60 1.51 0.00	27.46 1.31 0.00	28.81 1.27 0.00
DANC__LFGE 323619	17.49 -0.72 -1.00	19.18 -0.63 -1.04	19.28 -0.84 -1.05	20.70 -0.88 -1.08	22.11 -0.94 -0.94	23.14 -1.11 0.00	60.67 -2.33 -1.28	32.52 -1.11 -1.38	20.55 -0.76 -1.08	16.54 -0.74 -1.00	18.41 -0.89 -1.02	18.63 -1.05 -1.03	19.53 -1.16 -1.06	19.48 -1.15 -1.06	14.98 -0.86 -0.94	13.70 -0.70 -0.91	19.02 -0.97 -1.03	21.91 -1.03 0.06	45.78 -1.72 -0.90	91.46 -3.24 0.00	27.82 -0.90 0.00	26.22 -0.87 0.00	25.58 -0.57 0.00	27.15 -0.39 0.00
DANSKAMMER__1 23586	18.36 1.15 0.00	20.02 1.25 0.00	20.25 1.17 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.85 1.60 0.00	66.17 4.45 0.00	34.67 2.43 0.00	21.78 1.54 0.00	17.48 1.21 0.00	19.62 1.34 0.00	20.07 1.43 0.00	21.15 1.52 0.00	21.06 1.49 0.00	15.97 1.08 0.00	14.45 0.97 0.00	20.40 1.44 0.00	24.85 1.84 0.00	50.27 3.67 0.00	101.61 6.91 0.00	30.78 2.06 0.00	28.91 1.82 0.00	27.97 1.82 0.00	29.34 1.79 0.00
DANSKAMMER__2 23589	18.36 1.15 0.00	20.02 1.25 0.00	20.25 1.17 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.85 1.60 0.00	66.17 4.45 0.00	34.67 2.43 0.00	21.78 1.54 0.00	17.48 1.21 0.00	19.62 1.34 0.00	20.07 1.43 0.00	21.15 1.52 0.00	21.06 1.49 0.00	15.97 1.08 0.00	14.45 0.97 0.00	20.40 1.44 0.00	24.85 1.84 0.00	50.27 3.67 0.00	101.61 6.91 0.00	30.78 2.06 0.00	28.91 1.82 0.00	27.97 1.82 0.00	29.34 1.79 0.00
DANSKAMMER__3 23590	18.36 1.15 0.00	20.02 1.25 0.00	20.25 1.17 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.85 1.60 0.00	66.17 4.45 0.00	34.67 2.43 0.00	21.78 1.54 0.00	17.48 1.21 0.00	19.62 1.34 0.00	20.07 1.43 0.00	21.15 1.52 0.00	21.06 1.49 0.00	15.97 1.08 0.00	14.45 0.97 0.00	20.40 1.44 0.00	24.85 1.84 0.00	50.27 3.67 0.00	101.61 6.91 0.00	30.78 2.06 0.00	28.91 1.82 0.00	27.97 1.82 0.00	29.34 1.79 0.00

DANSKAMMER___4 23591	18.36 1.15 0.00	20.02 1.25 0.00	20.25 1.17 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.85 1.60 0.00	66.17 4.45 0.00	34.67 2.43 0.00	21.78 1.54 0.00	17.48 1.21 0.00	19.62 1.34 0.00	20.07 1.43 0.00	21.15 1.52 0.00	21.06 1.49 0.00	15.97 1.08 0.00	14.45 0.97 0.00	20.40 1.44 0.00	24.85 1.84 0.00	50.27 3.67 0.00	101.61 6.91 0.00	30.78 2.06 0.00	28.91 1.82 0.00	27.97 1.82 0.00	29.34 1.79 0.00
DANSKAMMER___DIESEL 23592	18.36 1.15 0.00	20.02 1.25 0.00	20.25 1.17 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.85 1.60 0.00	66.17 4.45 0.00	34.67 2.43 0.00	21.77 1.54 0.00	17.48 1.21 0.00	19.62 1.34 0.00	20.07 1.43 0.00	21.15 1.52 0.00	21.06 1.49 0.00	15.97 1.08 0.00	14.45 0.97 0.00	20.40 1.44 0.00	24.84 1.84 0.00	50.27 3.67 0.00	101.61 6.91 0.00	30.78 2.06 0.00	28.91 1.82 0.00	27.97 1.82 0.00	29.34 1.79 0.00
DARBY___SOLAR 323810	18.03 0.81 0.00	19.64 0.87 0.00	19.90 0.82 0.00	21.44 0.94 0.00	23.17 1.06 0.00	25.56 1.31 0.00	65.65 3.93 0.00	34.33 2.08 0.00	21.33 1.10 0.00	17.05 0.78 0.00	19.21 0.93 0.00	19.66 1.02 0.00	20.72 1.08 0.00	20.67 1.10 0.00	15.67 0.77 0.00	14.16 0.67 0.00	20.09 1.13 0.00	24.49 1.49 0.00	49.58 2.98 0.00	100.27 5.57 0.00	30.35 1.64 0.00	28.53 1.44 0.00	27.42 1.27 0.00	28.77 1.23 0.00
DASHVILLE___HYD 23610	18.17 0.95 0.00	19.81 1.04 0.00	20.02 0.94 0.00	21.43 0.93 0.00	23.17 1.06 0.00	25.54 1.30 0.00	65.33 3.61 0.00	34.24 2.00 0.00	21.54 1.30 0.00	17.31 1.04 0.00	19.42 1.14 0.00	19.87 1.23 0.00	20.96 1.32 0.00	20.86 1.28 0.00	15.80 0.90 0.00	14.28 0.80 0.00	20.14 1.18 0.00	24.52 1.51 0.00	49.59 3.00 0.00	100.25 5.55 0.00	30.38 1.66 0.00	28.55 1.46 0.00	27.64 1.49 0.00	28.98 1.44 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	18.86 1.65 0.00	20.43 1.66 0.00	20.65 1.57 0.00	22.05 1.55 0.00	23.98 1.87 0.00	26.23 1.98 0.00	66.86 5.14 0.00	35.37 3.12 0.00	25.96 2.15 -3.57	24.13 1.82 -6.05	23.59 1.97 -3.34	20.72 2.08 0.00	21.82 2.18 0.00	21.57 1.99 0.00	16.59 1.46 -0.23	16.95 1.18 -2.28	20.57 1.61 0.00	25.04 2.04 0.00	50.91 4.31 0.00	102.80 8.10 0.00	31.00 2.28 0.00	29.25 2.16 0.00	28.14 1.99 0.00	29.43 1.88 0.00
DELAWARE___LFGE 323621	17.73 0.51 0.00	19.38 0.61 0.00	19.63 0.56 0.00	21.07 0.57 0.00	22.79 0.68 0.00	25.02 0.77 0.00	63.87 2.15 0.00	33.35 1.11 0.00	20.97 0.74 0.00	16.84 0.57 0.00	18.93 0.64 0.00	19.29 0.65 0.00	20.34 0.70 0.00	20.26 0.68 0.00	15.37 0.47 0.00	13.92 0.43 0.00	19.59 0.63 0.00	23.83 0.83 0.00	48.36 1.76 0.00	98.05 3.36 0.00	29.69 0.98 0.00	27.96 0.87 0.00	27.03 0.88 0.00	28.49 0.95 0.00
DERFIELD_115KV_TB7 355931	17.37 0.16 0.00	18.95 0.18 0.00	19.23 0.15 0.00	20.66 0.16 0.00	22.30 0.19 0.00	24.48 0.23 0.00	62.42 0.70 0.00	32.63 0.39 0.00	20.47 0.23 0.00	16.44 0.16 0.00	18.46 0.18 0.00	18.83 0.19 0.00	19.85 0.21 0.00	19.77 0.20 0.00	15.05 0.15 0.00	13.62 0.14 0.00	19.14 0.18 0.00	23.46 0.24 -0.22	47.11 0.51 0.00	95.58 0.88 0.00	28.99 0.27 0.00	27.33 0.25 0.00	26.37 0.22 0.00	27.75 0.21 0.00
DOGLEVILLE___HYD 23807	17.37 0.15 0.00	18.96 0.19 0.00	19.19 0.11 0.00	20.61 0.10 0.00	22.29 0.18 0.00	24.66 0.41 0.00	63.51 1.79 0.00	33.27 1.02 0.00	20.65 0.41 0.00	16.45 0.18 0.00	18.42 0.14 0.00	18.88 0.23 0.00	19.90 0.26 0.00	19.80 0.22 0.00	15.06 0.16 0.00	13.66 0.17 0.00	19.29 0.33 0.00	23.89 0.67 -0.22	48.15 1.55 0.00	97.20 2.50 0.00	29.50 0.78 0.00	27.63 0.54 0.00	26.51 0.36 0.00	27.82 0.28 0.00
DUNKIRK___115KV_TB_200 55889	16.41 -0.81 0.00	17.83 -0.94 0.00	18.20 -0.87 0.00	19.69 -0.81 0.00	21.12 -0.99 0.00	23.22 -1.03 0.00	58.44 -3.28 0.00	30.18 -2.07 0.00	19.10 -1.14 0.00	15.24 -1.03 0.00	17.32 -0.96 0.00	17.43 -1.22 0.00	18.42 -1.21 0.00	18.28 -1.29 0.00	13.76 -1.14 0.00	12.46 -1.02 0.00	17.51 -1.45 0.00	21.41 -1.59 0.00	44.22 -2.38 0.00	90.54 -4.16 0.00	26.95 -1.77 0.00	25.67 -1.42 0.00	24.84 -1.32 0.00	26.44 -1.10 0.00
DUNKIRK___1 23563	16.41 -0.81 0.00	17.83 -0.94 0.00	18.20 -0.87 0.00	19.69 -0.81 0.00	21.12 -0.99 0.00	23.22 -1.03 0.00	58.44 -3.28 0.00	30.18 -2.07 0.00	19.10 -1.14 0.00	15.24 -1.03 0.00	17.32 -0.96 0.00	17.43 -1.22 0.00	18.42 -1.21 0.00	18.28 -1.29 0.00	13.76 -1.14 0.00	12.46 -1.02 0.00	17.51 -1.45 0.00	21.41 -1.59 0.00	44.22 -2.38 0.00	90.54 -4.16 0.00	26.95 -1.77 0.00	25.67 -1.42 0.00	24.84 -1.32 0.00	26.44 -1.10 0.00
DUNKIRK___2 23564	16.41 -0.81 0.00	17.83 -0.94 0.00	18.20 -0.87 0.00	19.69 -0.81 0.00	21.12 -0.99 0.00	23.22 -1.03 0.00	58.44 -3.28 0.00	30.18 -2.07 0.00	19.10 -1.14 0.00	15.24 -1.03 0.00	17.32 -0.96 0.00	17.43 -1.22 0.00	18.42 -1.21 0.00	18.28 -1.29 0.00	13.76 -1.14 0.00	12.46 -1.02 0.00	17.51 -1.45 0.00	21.41 -1.59 0.00	44.22 -2.38 0.00	90.54 -4.16 0.00	26.95 -1.77 0.00	25.67 -1.42 0.00	24.84 -1.32 0.00	26.44 -1.10 0.00
DUNKIRK___3 23565	16.40 -0.82 0.00	17.81 -0.96 0.00	18.17 -0.90 0.00	19.66 -0.84 0.00	21.09 -1.02 0.00	23.17 -1.08 0.00	58.24 -3.48 0.00	30.04 -2.20 0.00	19.01 -1.23 0.00	15.19 -1.08 0.00	17.26 -1.02 0.00	17.38 -1.26 0.00	18.38 -1.26 0.00	18.28 -1.30 0.00	13.77 -1.12 0.00	12.48 -1.01 0.00	17.51 -1.45 0.00	21.38 -1.62 0.00	44.02 -2.58 0.00	90.09 -4.61 0.00	26.86 -1.85 0.00	25.60 -1.49 0.00	24.75 -1.41 0.00	26.36 -1.19 0.00
DUNKIRK___4 23566	16.40 -0.82 0.00	17.81 -0.96 0.00	18.17 -0.90 0.00	19.66 -0.84 0.00	21.09 -1.02 0.00	23.17 -1.08 0.00	58.24 -3.48 0.00	30.04 -2.20 0.00	19.01 -1.23 0.00	15.19 -1.08 0.00	17.26 -1.02 0.00	17.38 -1.26 0.00	18.38 -1.26 0.00	18.28 -1.30 0.00	13.77 -1.12 0.00	12.48 -1.01 0.00	17.51 -1.45 0.00	21.38 -1.62 0.00	44.02 -2.58 0.00	90.09 -4.61 0.00	26.86 -1.85 0.00	25.60 -1.49 0.00	24.75 -1.41 0.00	26.36 -1.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.38 1.16 0.00	20.04 1.27 0.00	20.24 1.16 0.00	21.65 1.15 0.00	23.41 1.30 0.00	25.79 1.54 0.00	65.98 4.26 0.00	34.61 2.36 0.00	21.80 1.56 0.00	18.26 1.28 -0.71	22.90 1.40 -3.22	20.15 1.50 0.00	21.22 1.59 0.00	21.10 1.53 0.00	16.24 1.11 -0.23	16.73 0.98 -2.26	20.36 1.40 0.00	24.73 1.73 0.00	49.97 3.37 0.00	100.95 6.25 0.00	30.60 1.88 0.00	28.76 1.67 0.00	27.88 1.72 0.00	29.22 1.68 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.24 1.02 0.00	19.89 1.13 0.00	20.12 1.04 0.00	21.54 1.04 0.00	23.30 1.18 0.00	25.67 1.42 0.00	65.65 3.93 0.00	34.39 2.15 0.00	21.61 1.37 0.00	17.13 1.08 0.21	18.49 1.18 0.97	19.90 1.25 0.00	20.98 1.34 0.00	20.87 1.29 0.00	15.78 0.94 0.06	13.76 0.85 0.57	20.21 1.25 0.00	24.62 1.62 0.00	49.84 3.24 0.00	100.75 6.05 0.00	30.51 1.80 0.00	28.67 1.58 0.00	27.77 1.61 0.00	29.13 1.58 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.43 1.22 0.00	20.10 1.33 0.00	20.29 1.21 0.00	21.67 1.17 0.00	23.47 1.36 0.00	25.85 1.60 0.00	66.18 4.46 0.00	34.67 2.43 0.00	21.86 1.63 0.00	18.34 1.36 -0.71	22.94 1.45 -3.21	20.21 1.57 0.00	21.26 1.62 0.00	21.13 1.56 0.00	16.30 1.17 -0.23	16.77 1.04 -2.25	20.37 1.40 0.00	24.72 1.71 0.00	49.89 3.29 0.00	100.89 6.19 0.00	30.61 1.89 0.00	28.72 1.63 0.00	27.88 1.73 0.00	29.22 1.67 0.00
E179THST_13_KV_LOAD 356214	18.50 1.29 0.00	20.17 1.41 0.00	20.36 1.28 0.00	21.75 1.25 0.00	23.55 1.44 0.00	25.94 1.69 0.00	66.46 4.75 0.00	34.82 2.58 0.00	21.96 1.72 0.00	18.42 1.44 -0.71	23.04 1.54 -3.21	20.30 1.66 0.00	21.36 1.72 0.00	21.23 1.65 0.00	16.37 1.25 -0.23	16.84 1.10 -2.25	20.46 1.50 0.00	24.83 1.83 0.00	50.13 3.53 0.00	101.38 6.68 0.00	30.76 2.04 0.00	28.85 1.76 0.00	28.02 1.86 0.00	29.34 1.79 0.00
EAST HAMPTON___GT 23717	18.94 1.72 0.00	20.37 1.60 0.00	20.59 1.52 0.00	22.01 1.51 0.00	23.95 1.84 0.00	26.22 1.97 0.00	66.87 5.15 0.00	35.37 3.13 0.00	25.94 2.14 -3.57	24.11 1.79 -6.05	23.56 1.94 -3.34	20.67 2.03 0.00	21.77 2.13 0.00	21.52 1.95 0.00	16.54 1.41 -0.23	16.79 1.02 -2.28	20.37 1.41 0.00	24.89 1.88 0.00	50.98 4.38 0.00	103.03 8.34 0.00	31.07 2.35 0.00	29.29 2.21 0.00	28.15 2.00 0.00	29.46 1.92 0.00
EAST RIVER___6 23660	18.44 1.22 0.00	20.09 1.32 0.00	20.27 1.20 0.00	21.66 1.16 0.00	23.42 1.31 0.00	25.83 1.58 0.00	66.08 4.37 0.00	34.69 2.44 0.00	21.87 1.64 0.00	18.36 1.38 -0.71	23.01 1.51 -3.22	20.27 1.62 0.00	21.34 1.71 0.00	21.21 1.63 0.00	16.34 1.21 -0.23	16.82 1.07 -2.26	20.46 1.50 0.00	24.82 1.82 0.00	50.05 3.45 0.00	101.09 6.39 0.00	30.66 1.94 0.00	28.79 1.70 0.00	27.92 1.76 0.00	29.23 1.68 0.00
EAST RIVER___7 23524	18.44 1.22 0.00	20.09 1.32 0.00	20.27 1.20 0.00	21.66 1.16 0.00	23.42 1.31 0.00	25.83 1.58 0.00	66.08 4.37 0.00	34.69 2.44 0.00	21.87 1.64 0.00	18.36 1.38 -0.71	23.01 1.51 -3.22	20.27 1.62 0.00	21.34 1.71 0.00	21.21 1.63 0.00	16.34 1.21 -0.23	16.82 1.07 -2.26	20.46 1.50 0.00	24.82 1.82 0.00	50.05 3.45 0.00	101.09 6.39 0.00	30.66 1.94 0.00	28.79 1.70 0.00	27.92 1.76 0.00	29.23 1.68 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.35 1.13 0.00	20.01 1.25 0.00	20.22 1.14 0.00	21.63 1.13 0.00	23.39 1.28 0.00	25.77 1.52 0.00	65.90 4.19 0.00	34.56 2.31 0.00	21.75 1.52 0.00	18.27 1.23 -0.76	23.10 1.35 -3.46	20.10 1.45 0.00	21.17 1.53 0.00	21.06 1.48 0.00	16.22 1.07 -0.25	16.86 0.95 -2.43	20.31 1.35 0.00	24.68 1.68 0.00	49.88 3.28 0.00	100.77 6.07 0.00	30.54 1.82 0.00	28.71 1.62 0.00	27.82 1.67 0.00	29.18 1.63 0.00
EAST_HAMPTON___DIESEL 23722	18.93 1.71 0.00	20.34 1.57 0.00	20.56 1.49 0.00	21.97 1.47 0.00	23.92 1.81 0.00	26.18 1.93 0.00	66.78 5.06 0.00	35.33 3.08 0.00	25.91 2.11 -3.57	24.08 1.76 -6.05	23.54 1.92 -3.34	20.64 2.00 0.00	21.74 2.11 0.00	21.49 1.92 0.00	16.52 1.39 -0.23	16.78 1.01 -2.28	20.35 1.39 0.00	24.85 1.85 0.00	50.91 4.31 0.00	102.89 8.19 0.00	31.03 2.31 0.00	29.25 2.17 0.00	28.12 1.96 0.00	29.43 1.89 0.00
EAST_PULASKI___ESR 323781	16.69 -0.52 0.00	18.24 -0.53 0.00	18.44 -0.64 0.00	19.82 -0.68 0.00	21.35 -0.76 0.00	23.36 -0.90 0.00	59.70 -2.02 0.00	31.21 -1.04 0.00	19.60 -0.64 0.00	15.71 -0.56 0.00	17.64 -0.64 0.00	17.91 -0.74 0.00	18.83 -0.81 0.00	18.77 -0.80 0.00	14.28 -0.61 0.00	12.97 -0.51 0.00	18.28 -0.68 0.00	21.61 -0.80 0.60	45.20 -1.40 0.00	91.82 -2.88 0.00	27.83 -0.89 0.00	26.27 -0.82 0.00	25.47 -0.69 0.00	26.90 -0.65 0.00
EAST_RIVER___1 323558	18.46 1.24 0.00	20.12 1.35 0.00	20.30 1.22 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.85 1.60 0.00	66.12 4.40 0.00	34.69 2.44 0.00	21.87 1.63 0.00	18.35 1.37 -0.71	23.00 1.50 -3.22	20.25 1.61 0.00	21.33 1.69 0.00	21.19 1.61 0.00	16.32 1.20 -0.23	16.80 1.06 -2.26	20.44 1.48 0.00	24.81 1.80 0.00	50.06 3.46 0.00	101.12 6.43 0.00	30.66 1.94 0.00	28.80 1.71 0.00	27.93 1.78 0.00	29.26 1.71 0.00
EAST_RIVER___2 323559	18.44 1.22 0.00	20.09 1.32 0.00	20.27 1.20 0.00	21.66 1.16 0.00	23.42 1.31 0.00	25.83 1.58 0.00	66.08 4.37 0.00	34.69 2.44 0.00	21.87 1.64 0.00	18.36 1.38 -0.71	23.01 1.51 -3.22	20.27 1.62 0.00	21.34 1.71 0.00	21.21 1.63 0.00	16.34 1.21 -0.23	16.82 1.07 -2.26	20.46 1.50 0.00	24.82 1.82 0.00	50.05 3.45 0.00	101.09 6.39 0.00	30.66 1.94 0.00	28.79 1.70 0.00	27.92 1.76 0.00	29.23 1.68 0.00
EAST___DELAWARE_HYD 23607	18.05 0.84 0.00	19.69 0.92 0.00	19.96 0.88 0.00	21.35 0.85 0.00	23.08 0.97 0.00	25.45 1.20 0.00	65.21 3.50 0.00	34.17 1.93 0.00	21.43 1.20 0.00	17.01 0.91 0.17	18.49 0.96 0.75	19.66 1.02 0.00	20.75 1.12 0.00	20.59 1.01 0.00	15.59 0.74 0.05	13.66 0.66 0.48	20.00 1.04 0.00	24.44 1.44 0.00	49.60 3.01 0.00	100.31 5.61 0.00	30.37 1.65 0.00	28.51 1.42 0.00	27.59 1.44 0.00	28.93 1.39 0.00
EIGHT_POINT___WT_PWR 323820	16.18 -1.03 0.00	18.32 -0.45 0.00	18.25 -0.83 0.00	19.89 -0.61 0.00	21.96 -0.16 0.00	23.97 -0.28 0.00	60.23 -1.49 0.00	30.82 -1.43 0.00	19.31 -0.93 0.00	15.29 -0.98 0.00	17.26 -1.02 0.00	17.45 -1.19 0.00	18.50 -1.13 0.00	18.34 -1.23 0.00	13.69 -1.20 0.00	12.44 -1.04 0.00	17.49 -1.47 0.00	21.64 -1.36 0.00	44.93 -1.67 0.00	92.45 -2.25 0.00	28.33 -0.39 0.00	26.78 -0.32 0.00	26.13 -0.02 0.00	27.69 0.14 0.00
ELBRIDGE_115KV_TB2 80188	16.98 -0.24 0.00	18.50 -0.27 0.00	18.78 -0.30 0.00	20.16 -0.34 0.00	21.71 -0.41 0.00	23.78 -0.47 0.00	60.55 -1.17 0.00	31.62 -0.62 0.00	19.90 -0.34 0.00	16.03 -0.24 0.00	18.02 -0.26 0.00	18.33 -0.31 0.00	19.28 -0.36 0.00	19.21 -0.37 0.00	14.61 -0.29 0.00	13.24 -0.25 0.00	18.59 -0.37 0.00	22.57 -0.44 0.00	45.82 -0.78 0.00	93.06 -1.64 0.00	28.12 -0.60 0.00	26.56 -0.53 0.00	25.65 -0.51 0.00	26.99 -0.56 0.00
ELEC_TRO_TEK 24086	18.59 1.37 0.00	20.25 1.49 0.00	20.46 1.38 0.00	21.86 1.36 0.00	23.70 1.59 0.00	26.08 1.83 0.00	66.56 4.84 0.00	35.00 2.75 0.00	25.67 1.87 -3.57	23.85 1.53 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.35 1.77 0.00	16.43 1.30 -0.23	16.91 1.15 -2.28	20.56 1.60 0.00	24.98 1.98 0.00	50.45 3.86 0.00	101.76 7.06 0.00	30.80 2.08 0.00	29.07 1.98 0.00	28.14 1.99 0.00	29.48 1.94 0.00
ELLENBURG_WT_PWR 323604	-21.10 -0.85 37.47	-21.09 -0.91 38.95	-21.06 -0.82 39.32	-21.00 -0.81 40.69	-13.93 -0.82 35.23	23.51 -0.74 0.00	11.11 -2.53 48.07	-21.05 -1.29 52.00	-21.08 -0.90 40.42	-22.21 -0.74 37.75	-21.09 -0.88 38.49	-21.11 -0.92 38.84	-21.14 -0.97 39.80	-21.10 -0.91 39.77	-21.08 -0.69 35.29	-21.07 -0.62 33.94	-21.08 -0.91 39.13	-21.06 -1.12 42.95	10.42 -2.19 34.00	91.53 -3.17 0.00	28.05 -0.67 0.00	26.84 -0.25 0.00	26.09 -0.07 0.00	27.65 0.10 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.28 -0.93 0.00	17.63 -1.14 0.00	17.99 -1.09 0.00	19.46 -1.04 0.00	20.91 -1.20 0.00	22.94 -1.31 0.00	57.48 -4.24 0.00	29.59 -2.66 0.00	18.71 -1.53 0.00	15.01 -1.26 0.00	17.08 -1.21 0.00	17.18 -1.46 0.00	18.12 -1.52 0.00	18.07 -1.50 0.00	13.69 -1.21 0.00	12.37 -1.11 0.00	17.35 -1.61 0.00	21.15 -1.86 0.00	43.31 -3.29 0.00	88.75 -5.95 0.00	26.54 -2.18 0.00	25.30 -1.79 0.00	24.40 -1.75 0.00	25.98 -1.57 0.00
EMPIRE_CC_1 323656	17.76 0.55 0.00	19.37 0.60 0.00	19.61 0.54 0.00	21.06 0.56 0.00	22.73 0.61 0.00	24.96 0.70 0.00	63.71 1.99 0.00	33.33 1.08 0.00	20.83 0.60 0.00	16.87 0.49 -0.11	19.36 0.58 -0.50	19.32 0.68 0.00	20.38 0.75 0.00	20.33 0.76 0.00	15.47 0.54 -0.04	14.32 0.47 -0.37	19.68 0.72 0.00	23.80 0.79 0.00	48.12 1.52 0.00	97.34 2.65 0.00	29.59 0.87 0.00	27.83 0.74 0.00	26.87 0.71 0.00	28.17 0.63 0.00
EMPIRE_CC_2 323658	17.76 0.55 0.00	19.37 0.60 0.00	19.61 0.54 0.00	21.06 0.56 0.00	22.73 0.61 0.00	24.96 0.70 0.00	63.71 1.99 0.00	33.33 1.08 0.00	20.83 0.60 0.00	16.87 0.49 -0.11	19.36 0.58 -0.50	19.32 0.68 0.00	20.38 0.75 0.00	20.33 0.76 0.00	15.47 0.54 -0.04	14.32 0.47 -0.37	19.68 0.72 0.00	23.80 0.79 0.00	48.12 1.52 0.00	97.34 2.65 0.00	29.59 0.87 0.00	27.83 0.74 0.00	26.87 0.71 0.00	28.17 0.63 0.00
ENORWICH_115KV_TB1 80156	17.90 0.68 0.00	19.84 1.07 0.00	19.92 0.84 0.00	21.47 0.97 0.00	23.43 1.32 0.00	25.52 1.27 0.00	66.17 4.46 0.00	34.67 2.43 0.00	21.71 1.48 0.00	17.31 1.04 0.00	19.22 0.93 0.00	19.49 0.85 0.00	20.34 0.70 0.00	20.27 0.70 0.00	15.31 0.41 0.00	13.92 0.44 0.00	19.96 1.00 0.00	24.55 1.54 0.00	50.27 3.68 0.00	102.03 7.33 0.00	31.06 2.34 0.00	29.11 2.02 0.00	28.16 2.00 0.00	29.89 2.34 0.00
ERIE_ST__34_KV_TB1-2 80199	16.74 -0.47 0.00	18.15 -0.62 0.00	18.50 -0.58 0.00	20.00 -0.50 0.00	21.51 -0.60 0.00	23.57 -0.68 0.00	59.18 -2.53 0.00	30.51 -1.74 0.00	19.27 -0.96 0.00	15.45 -0.82 0.00	17.59 -0.69 0.00	17.71 -0.93 0.00	18.70 -0.94 0.00	18.65 -0.92 0.00	14.13 -0.77 0.00	12.78 -0.70 0.00	17.92 -1.04 0.00	21.82 -1.18 0.00	44.67 -1.93 0.00	91.45 -3.25 0.00	27.35 -1.37 0.00	26.06 -1.03 0.00	25.13 -1.03 0.00	26.73 -0.81 0.00
ERIE_WT_PWR 323693	16.38 -0.83 0.00	17.74 -1.03 0.00	18.10 -0.98 0.00	19.58 -0.92 0.00	21.05 -1.07 0.00	23.09 -1.16 0.00	57.91 -3.81 0.00	29.80 -2.44 0.00	18.85 -1.39 0.00	15.13 -1.15 0.00	17.21 -1.08 0.00	17.29 -1.35 0.00	18.25 -1.38 0.00	18.21 -1.36 0.00	13.79 -1.11 0.00	12.47 -1.02 0.00	17.48 -1.48 0.00	21.32 -1.68 0.00	43.66 -2.94 0.00	89.53 -5.17 0.00	26.76 -1.96 0.00	25.52 -1.57 0.00	24.59 -1.56 0.00	26.19 -1.36 0.00
ESPRGFLD_115KV_TB1 80157	17.82 0.60 0.00	19.48 0.71 0.00	19.80 0.73 0.00	21.29 0.79 0.00	23.05 0.94 0.00	25.33 1.08 0.00	64.44 2.72 0.00	33.62 1.37 0.00	21.15 0.92 0.00	16.99 0.72 0.00	19.00 0.72 0.00	19.34 0.70 0.00	20.34 0.70 0.00	20.23 0.65 0.00	15.36 0.47 0.00	13.93 0.44 0.00	19.60 0.64 0.00	23.88 0.88 0.00	48.75 2.15 0.00	99.30 4.60 0.00	30.05 1.34 0.00	28.35 1.27 0.00	27.42 1.27 0.00	29.01 1.46 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.41 0.19 0.00	19.02 0.25 0.00	19.27 0.19 0.00	20.71 0.22 0.00	22.38 0.27 0.00	24.55 0.30 0.00	62.72 1.00 0.00	32.74 0.50 0.00	20.59 0.35 0.00	16.49 0.22 0.00	18.49 0.21 0.00	18.79 0.15 0.00	19.78 0.14 0.00	19.71 0.13 0.00	14.96 0.06 0.00	13.56 0.08 0.00	19.14 0.18 0.00	23.36 0.35 0.00	47.56 0.96 0.00	96.58 1.88 0.00	29.22 0.50 0.00	27.56 0.47 0.00	26.60 0.44 0.00	28.02 0.48 0.00
ETNA____115KV_TB2 80207	17.41 0.19 0.00	19.02 0.25 0.00	19.27 0.19 0.00	20.71 0.22 0.00	22.38 0.27 0.00	24.55 0.30 0.00	62.72 1.00 0.00	32.74 0.50 0.00	20.59 0.35 0.00	16.49 0.22 0.00	18.49 0.21 0.00	18.79 0.15 0.00	19.78 0.14 0.00	19.71 0.13 0.00	14.96 0.06 0.00	13.56 0.08 0.00	19.14 0.18 0.00	23.36 0.35 0.00	47.56 0.96 0.00	96.58 1.88 0.00	29.22 0.50 0.00	27.56 0.47 0.00	26.60 0.44 0.00	28.02 0.48 0.00
EUCLID___115KV_TB2 356179	16.86 -0.36 0.00	18.35 -0.42 0.00	18.62 -0.46 0.00	20.01 -0.49 0.00	21.53 -0.58 0.00	23.56 -0.69 0.00	60.01 -1.71 0.00	31.31 -0.94 0.00	19.73 -0.51 0.00	15.90 -0.38 0.00	17.88 -0.41 0.00	18.18 -0.47 0.00	19.14 -0.50 0.00	19.07 -0.51 0.00	14.51 -0.39 0.00	13.13 -0.35 0.00	18.44 -0.52 0.00	22.33 -0.67 0.00	45.30 -1.30 0.00	91.96 -2.74 0.00	27.81 -0.91 0.00	26.27 -0.82 0.00	25.38 -0.77 0.00	26.74 -0.80 0.00
E_CANADA_CAP_HY 24051	17.88 0.67 0.00	19.54 0.77 0.00	19.89 0.81 0.00	21.39 0.89 0.00	23.16 1.04 0.00	25.46 1.21 0.00	64.76 3.04 0.00	33.80 1.55 0.00	21.20 0.97 0.00	17.01 0.74 0.00	18.95 0.67 0.00	19.32 0.68 0.00	20.29 0.66 0.00	20.16 0.58 0.00	15.34 0.44 0.00	13.91 0.43 0.00	19.65 0.69 0.00	23.93 0.92 0.00	48.88 2.28 0.00	99.62 4.92 0.00	30.14 1.43 0.00	28.47 1.38 0.00	27.52 1.36 0.00	29.07 1.53 0.00
E_CANADA_MHWK_HY 24050	17.37 0.15 0.00	18.96 0.19 0.00	19.19 0.11 0.00	20.61 0.10 0.00	22.29 0.18 0.00	24.66 0.41 0.00	63.51 1.79 0.00	33.27 1.02 0.00	20.65 0.41 0.00	16.45 0.18 0.00	18.42 0.14 0.00	18.88 0.23 0.00	19.90 0.26 0.00	19.80 0.22 0.00	15.06 0.16 0.00	13.66 0.17 0.00	19.29 0.33 0.00	23.89 0.67 -0.22	48.15 1.55 0.00	97.20 2.50 0.00	29.50 0.78 0.00	27.63 0.54 0.00	26.51 0.36 0.00	27.82 0.28 0.00
E_FISHKILL___LBMP 23776	18.20 0.98 0.00	19.84 1.07 0.00	20.06 0.98 0.00	21.48 0.98 0.00	23.21 1.10 0.00	25.57 1.32 0.00	65.41 3.70 0.00	34.28 2.04 0.00	21.54 1.31 0.00	17.51 1.05 -0.20	20.33 1.15 -0.90	19.90 1.25 0.00	20.97 1.34 0.00	20.88 1.30 0.00	15.90 0.94 -0.07	14.96 0.83 -0.65	20.17 1.21 0.00	24.52 1.52 0.00	49.57 2.98 0.00	100.18 5.48 0.00	30.36 1.65 0.00	28.54 1.45 0.00	27.63 1.48 0.00	28.98 1.44 0.00
FALCON___SEABRD_CC1 323796	-21.23 -0.63 37.81	-21.22 -0.67 39.31	-21.19 -0.58 39.68	-21.15 -0.58 41.07	-14.07 -0.64 35.55	23.72 -0.53 0.00	11.25 -1.95 48.52	-21.22 -0.99 52.48	-21.28 -0.73 40.79	-22.41 -0.60 38.09	-21.27 -0.71 38.84	-21.28 -0.72 39.19	-21.33 -0.80 40.16	-21.33 -0.77 40.13	-21.32 -0.60 35.62	-21.29 -0.53 34.25	-21.30 -0.78 39.48	-21.28 -0.94 43.35	10.38 -1.91 34.31	91.93 -2.77 0.00	28.18 -0.54 0.00	26.95 -0.14 0.00	26.19 0.04 0.00	27.76 0.21 0.00
FALCON___SEABRD_CC2 323797	-21.23 -0.63 37.81	-21.22 -0.67 39.31	-21.19 -0.58 39.68	-21.15 -0.58 41.07	-14.07 -0.64 35.55	23.72 -0.53 0.00	11.25 -1.95 48.52	-21.22 -0.99 52.48	-21.28 -0.73 40.79	-22.41 -0.60 38.09	-21.27 -0.71 38.84	-21.28 -0.72 39.19	-21.33 -0.80 40.16	-21.33 -0.77 40.13	-21.32 -0.60 35.62	-21.29 -0.53 34.25	-21.30 -0.78 39.48	-21.28 -0.94 43.35	10.38 -1.91 34.31	91.93 -2.77 0.00	28.18 -0.54 0.00	26.95 -0.14 0.00	26.19 0.04 0.00	27.76 0.21 0.00

FAR ROCKAWAY___4 23548	18.80 1.59 0.00	20.49 1.72 0.00	20.69 1.61 0.00	22.12 1.62 0.00	23.98 1.87 0.00	26.40 2.15 0.00	66.86 5.14 0.00	35.05 2.81 0.00	25.79 1.99 -3.57	24.06 1.74 -6.05	23.53 1.90 -3.34	20.65 2.01 0.00	21.74 2.10 0.00	21.59 2.02 0.00	16.61 1.48 -0.23	17.09 1.32 -2.28	20.82 1.86 0.00	25.30 2.30 0.00	51.17 4.57 0.00	103.09 8.39 0.00	31.20 2.48 0.00	29.47 2.38 0.00	28.51 2.35 0.00	29.86 2.32 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.47 1.25 0.00	20.13 1.36 0.00	20.32 1.24 0.00	21.71 1.21 0.00	23.47 1.36 0.00	25.87 1.62 0.00	66.18 4.46 0.00	34.71 2.47 0.00	21.88 1.65 0.00	18.36 1.38 -0.71	23.01 1.51 -3.22	20.27 1.62 0.00	21.35 1.71 0.00	21.20 1.63 0.00	16.33 1.20 -0.23	16.81 1.07 -2.26	20.46 1.50 0.00	24.82 1.82 0.00	50.08 3.48 0.00	101.20 6.50 0.00	30.68 1.96 0.00	28.82 1.73 0.00	27.95 1.80 0.00	29.28 1.74 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.48 1.26 0.00	20.15 1.38 0.00	20.33 1.25 0.00	21.72 1.22 0.00	23.49 1.38 0.00	25.89 1.64 0.00	66.21 4.49 0.00	34.73 2.49 0.00	21.89 1.66 0.00	18.37 1.39 -0.71	23.02 1.52 -3.22	20.27 1.63 0.00	21.35 1.71 0.00	21.21 1.63 0.00	16.34 1.21 -0.23	16.82 1.08 -2.26	20.47 1.50 0.00	24.84 1.83 0.00	50.12 3.52 0.00	101.28 6.58 0.00	30.70 1.99 0.00	28.85 1.76 0.00	27.98 1.82 0.00	29.31 1.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.46 1.25 0.00	20.13 1.36 0.00	20.31 1.23 0.00	21.70 1.20 0.00	23.47 1.36 0.00	25.87 1.62 0.00	66.14 4.42 0.00	34.70 2.46 0.00	21.87 1.64 0.00	18.36 1.37 -0.71	23.00 1.50 -3.22	20.26 1.61 0.00	21.33 1.70 0.00	21.19 1.62 0.00	16.33 1.20 -0.23	16.80 1.07 -2.26	20.45 1.49 0.00	24.81 1.81 0.00	50.07 3.47 0.00	101.14 6.44 0.00	30.67 1.95 0.00	28.81 1.72 0.00	27.94 1.79 0.00	29.27 1.73 0.00
FARRAGUT___LBMP 323566	18.45 1.24 0.00	20.11 1.34 0.00	20.30 1.23 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.84 1.59 0.00	66.10 4.38 0.00	34.67 2.42 0.00	21.85 1.62 0.00	18.34 1.36 -0.71	22.98 1.48 -3.22	20.24 1.59 0.00	21.31 1.67 0.00	21.17 1.60 0.00	16.31 1.18 -0.23	16.79 1.05 -2.26	20.43 1.47 0.00	24.78 1.78 0.00	50.02 3.42 0.00	101.05 6.35 0.00	30.64 1.92 0.00	28.79 1.70 0.00	27.92 1.77 0.00	29.25 1.70 0.00
FENNER___WINDPWR 24204	17.37 0.16 0.00	18.97 0.20 0.00	19.23 0.15 0.00	20.69 0.19 0.00	22.34 0.23 0.00	24.50 0.25 0.00	62.68 0.96 0.00	32.80 0.56 0.00	20.60 0.37 0.00	16.55 0.28 0.00	18.59 0.31 0.00	18.89 0.25 0.00	19.89 0.26 0.00	19.81 0.23 0.00	15.04 0.14 0.00	13.64 0.16 0.00	19.22 0.26 0.00	23.59 0.36 -0.23	47.48 0.88 0.00	96.45 1.75 0.00	29.23 0.51 0.00	27.59 0.50 0.00	26.68 0.53 0.00	28.11 0.56 0.00
FIBERTEK___ENERGY 23856	17.06 -0.16 0.00	18.59 -0.18 0.00	18.86 -0.22 0.00	20.27 -0.24 0.00	21.81 -0.30 0.00	23.89 -0.36 0.00	60.87 -0.85 0.00	31.79 -0.46 0.00	20.01 -0.23 0.00	16.12 -0.15 0.00	18.13 -0.16 0.00	18.43 -0.21 0.00	19.41 -0.23 0.00	19.33 -0.25 0.00	14.70 -0.20 0.00	13.31 -0.17 0.00	18.70 -0.26 0.00	22.69 -0.32 0.00	46.05 -0.55 0.00	93.47 -1.23 0.00	28.26 -0.46 0.00	26.68 -0.41 0.00	25.76 -0.40 0.00	27.13 -0.42 0.00
FITZPATRICK___ 23598	16.65 -0.56 0.00	18.13 -0.64 0.00	18.41 -0.67 0.00	19.78 -0.72 0.00	21.27 -0.84 0.00	23.26 -0.99 0.00	59.19 -2.53 0.00	30.90 -1.35 0.00	19.46 -0.78 0.00	15.69 -0.58 0.00	17.62 -0.66 0.00	17.93 -0.72 0.00	18.87 -0.77 0.00	18.81 -0.77 0.00	14.31 -0.58 0.00	12.95 -0.54 0.00	18.17 -0.79 0.00	22.01 -1.00 0.00	44.65 -1.95 0.00	90.66 -4.04 0.00	27.44 -1.27 0.00	25.92 -1.17 0.00	25.06 -1.09 0.00	26.41 -1.14 0.00
FLOWRFLD_69_KV_BK1 356044	18.75 1.53 0.00	20.41 1.64 0.00	20.61 1.54 0.00	22.01 1.51 0.00	23.91 1.81 0.00	26.23 1.98 0.00	66.84 5.13 0.00	35.27 3.02 0.00	25.91 2.10 -3.57	24.05 1.73 -6.05	23.49 1.86 -3.34	20.62 1.97 0.00	21.71 2.07 0.00	21.50 1.93 0.00	16.55 1.42 -0.23	17.01 1.25 -2.28	20.70 1.74 0.00	25.17 2.17 0.00	50.83 4.23 0.00	102.71 8.01 0.00	31.02 2.30 0.00	29.28 2.19 0.00	28.26 2.10 0.00	29.54 2.00 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.40 1.18 0.00	20.06 1.29 0.00	20.28 1.20 0.00	21.73 1.23 0.00	23.49 1.38 0.00	25.90 1.65 0.00	66.29 4.57 0.00	34.75 2.50 0.00	21.82 1.58 0.00	17.52 1.25 0.00	19.67 1.38 0.00	20.12 1.47 0.00	21.20 1.56 0.00	21.10 1.53 0.00	16.01 1.11 0.00	14.48 1.00 0.00	20.44 1.48 0.00	24.89 1.89 0.00	50.38 3.78 0.00	101.82 7.12 0.00	30.84 2.12 0.00	28.98 1.88 0.00	28.03 1.87 0.00	29.38 1.84 0.00
FORT ORANGE___ 23900	17.79 0.57 0.00	19.39 0.62 0.00	19.65 0.58 0.00	21.10 0.60 0.00	22.78 0.67 0.00	25.05 0.80 0.00	64.14 2.43 0.00	33.55 1.31 0.00	20.98 0.75 0.00	16.84 0.57 0.00	18.95 0.67 0.00	19.38 0.74 0.00	20.42 0.78 0.00	20.34 0.76 0.00	15.50 0.60 0.00	14.01 0.53 0.00	19.75 0.79 0.00	24.02 1.01 0.00	48.60 2.00 0.00	98.37 3.67 0.00	29.86 1.14 0.00	28.06 0.97 0.00	27.07 0.92 0.00	28.39 0.84 0.00
FORT_DRUM_COGEN 23780	18.15 -0.68 -1.62	19.94 -0.51 -1.68	19.98 -0.79 -1.70	21.46 -0.80 -1.76	22.84 -0.79 -1.52	23.29 -0.96 0.00	62.06 -1.73 -2.07	33.74 -0.74 -2.24	21.37 -0.60 -1.74	17.19 -0.71 -1.63	19.04 -0.90 -1.66	19.21 -1.11 -1.68	20.09 -1.26 -1.72	20.06 -1.23 -1.71	15.52 -0.90 -1.53	14.27 -0.68 -1.47	19.61 -1.02 -1.67	21.89 -0.92 0.20	46.71 -1.34 -1.46	92.50 -2.20 0.00	28.21 -0.51 0.00	26.57 -0.52 0.00	25.97 -0.18 0.00	27.64 0.09 0.00
FOX_HILLS___ESR 323835	18.55 1.33 0.00	20.24 1.47 0.00	20.44 1.36 0.00	21.83 1.33 0.00	23.62 1.50 0.00	26.01 1.76 0.00	66.52 4.81 0.00	34.88 2.62 -0.02	30.32 1.74 -8.35	47.01 1.45 -29.29	57.48 1.58 -37.61	37.09 1.69 -16.76	29.62 1.75 -8.23	21.27 1.67 -0.02	16.40 1.25 -0.26	16.82 1.08 -2.25	38.50 1.49 -18.06	24.79 1.79 0.00	50.02 3.42 0.00	101.66 6.96 0.00	260.55 2.16 -229.67	44.81 1.86 -15.86	93.84 1.93 -65.76	29.44 1.88 -0.01
FPL_FAR_ROCK_GT1 24212	18.81 1.59 0.00	20.48 1.71 0.00	20.69 1.61 0.00	22.12 1.62 0.00	23.98 1.87 0.00	26.40 2.15 0.00	66.86 5.14 0.00	35.05 2.81 0.00	25.80 1.99 -3.57	24.06 1.74 -6.05	23.52 1.90 -3.34	20.65 2.01 0.00	21.74 2.11 0.00	21.59 2.02 0.00	16.61 1.48 -0.23	17.09 1.32 -2.28	20.83 1.87 0.00	25.30 2.30 0.00	51.17 4.57 0.00	103.09 8.39 0.00	31.20 2.48 0.00	29.47 2.38 0.00	28.51 2.36 0.00	29.86 2.32 0.00
FPL_FAR_ROCK_GT2 23815	18.81 1.59 0.00	20.48 1.71 0.00	20.69 1.61 0.00	22.12 1.62 0.00	23.98 1.87 0.00	26.40 2.15 0.00	66.86 5.14 0.00	35.05 2.81 0.00	25.80 1.99 -3.57	24.06 1.74 -6.05	23.52 1.90 -3.34	20.65 2.01 0.00	21.74 2.11 0.00	21.59 2.02 0.00	16.61 1.48 -0.23	17.09 1.32 -2.28	20.83 1.87 0.00	25.30 2.30 0.00	51.17 4.57 0.00	103.09 8.39 0.00	31.20 2.48 0.00	29.47 2.38 0.00	28.51 2.36 0.00	29.86 2.32 0.00

FRANKLIN_FALL_HYD 24054	42.70 -0.45 -25.94	45.26 -0.47 -26.97	45.91 -0.39 -27.22	48.31 -0.36 -28.17	46.17 -0.34 -24.39	23.94 -0.31 0.00	93.75 -1.25 -33.28	67.73 -0.51 -36.00	47.82 -0.39 -27.98	42.07 -0.33 -26.13	44.51 -0.41 -26.64	45.09 -0.44 -26.89	46.73 -0.45 -27.55	46.70 -0.41 -27.53	39.01 -0.30 -24.41	36.68 -0.27 -23.46	45.55 -0.44 -27.03	51.34 -0.54 -28.87	69.04 -1.05 -23.49	93.88 -0.82 0.00	28.71 -0.01 0.00	27.38 0.29 0.00	26.63 0.48 0.00	28.20 0.65 0.00
FREEPORT_EQUS_GT1 23764	18.70 1.48 0.00	20.35 1.58 0.00	20.55 1.47 0.00	21.97 1.47 0.00	23.83 1.72 0.00	26.21 1.96 0.00	66.87 5.15 0.00	35.18 2.94 0.00	25.81 2.00 -3.57	23.94 1.63 -6.05	23.39 1.77 -3.34	20.51 1.86 0.00	21.59 1.95 0.00	21.44 1.86 0.00	16.49 1.36 -0.23	16.98 1.21 -2.28	20.66 1.70 0.00	25.11 2.11 0.00	50.77 4.17 0.00	102.34 7.64 0.00	30.97 2.25 0.00	29.24 2.15 0.00	28.30 2.15 0.00	29.62 2.07 0.00
FREEPORT___CT2 23818	18.70 1.48 0.00	20.35 1.58 0.00	20.55 1.47 0.00	21.97 1.47 0.00	23.83 1.72 0.00	26.21 1.96 0.00	66.87 5.15 0.00	35.18 2.94 0.00	25.81 2.00 -3.57	23.94 1.63 -6.05	23.39 1.77 -3.34	20.51 1.86 0.00	21.59 1.95 0.00	21.44 1.86 0.00	16.49 1.36 -0.23	16.98 1.21 -2.28	20.66 1.70 0.00	25.11 2.11 0.00	50.77 4.17 0.00	102.34 7.64 0.00	30.97 2.25 0.00	29.24 2.15 0.00	28.30 2.15 0.00	29.62 2.07 0.00
FRESHKLS_33_KV_LOAD 356253	18.53 1.32 0.00	20.24 1.47 0.00	20.45 1.38 0.00	21.85 1.34 0.00	23.62 1.51 0.00	26.01 1.76 0.00	66.49 4.77 0.00	34.86 2.60 -0.02	30.31 1.72 -8.35	46.99 1.43 -29.29	57.44 1.54 -37.61	37.06 1.66 -16.76	29.58 1.71 -8.23	21.22 1.63 -0.02	16.36 1.20 -0.26	16.78 1.04 -2.25	38.15 1.43 -17.76	24.71 1.70 0.00	49.87 3.28 0.00	101.64 6.94 0.00	260.56 2.17 -229.67	44.81 1.85 -15.86	93.83 1.91 -65.76	29.43 1.88 -0.01
FULTON COGEN____ 23766	16.79 -0.43 0.00	18.28 -0.49 0.00	18.55 -0.53 0.00	19.94 -0.57 0.00	21.44 -0.67 0.00	23.47 -0.78 0.00	59.77 -1.94 0.00	31.18 -1.06 0.00	19.65 -0.58 0.00	15.85 -0.42 0.00	17.82 -0.46 0.00	18.12 -0.52 0.00	19.08 -0.56 0.00	19.00 -0.57 0.00	14.46 -0.43 0.00	13.09 -0.39 0.00	18.39 -0.57 0.00	22.13 -0.71 0.16	45.24 -1.36 0.00	91.78 -2.92 0.00	27.76 -0.96 0.00	26.20 -0.89 0.00	25.30 -0.85 0.00	26.66 -0.88 0.00
FULTON___LFGE 323630	18.69 1.48 0.00	20.37 1.60 0.00	20.71 1.64 0.00	22.31 1.81 0.00	24.18 2.06 0.00	26.64 2.39 0.00	68.23 6.51 0.00	35.57 3.33 0.00	22.10 1.86 0.00	17.62 1.35 0.00	19.31 1.03 0.00	19.94 1.29 0.00	20.85 1.22 0.00	20.46 0.89 0.00	15.75 0.85 0.00	14.32 0.84 0.00	20.54 1.58 0.00	25.44 2.44 0.00	52.12 5.53 0.00	105.90 11.20 0.00	31.99 3.28 0.00	30.12 3.03 0.00	28.99 2.84 0.00	30.48 2.94 0.00
G.F.CEMENT___DRP 24184	18.09 0.87 0.00	19.72 0.95 0.00	19.98 0.91 0.00	21.60 1.09 0.00	23.36 1.25 0.00	25.86 1.61 0.00	66.60 4.88 0.00	34.86 2.62 0.00	21.63 1.39 0.00	17.22 0.95 0.00	19.45 1.16 0.00	19.92 1.28 0.00	21.01 1.37 0.00	20.96 1.38 0.00	15.84 0.94 0.00	14.28 0.80 0.00	20.33 1.37 0.00	24.84 1.83 0.00	50.28 3.68 0.00	101.54 6.84 0.00	30.68 1.96 0.00	28.80 1.71 0.00	27.58 1.43 0.00	28.94 1.40 0.00
GARDENVILLE___LBMP 24039	16.33 -0.88 0.00	17.69 -1.09 0.00	18.04 -1.03 0.00	19.52 -0.98 0.00	20.98 -1.13 0.00	23.02 -1.23 0.00	57.68 -4.04 0.00	29.70 -2.54 0.00	18.78 -1.46 0.00	15.06 -1.21 0.00	17.14 -1.15 0.00	17.24 -1.40 0.00	18.18 -1.45 0.00	18.13 -1.44 0.00	13.73 -1.16 0.00	12.41 -1.07 0.00	17.41 -1.55 0.00	21.23 -1.78 0.00	43.50 -3.09 0.00	89.15 -5.55 0.00	26.66 -2.06 0.00	25.42 -1.67 0.00	24.51 -1.64 0.00	26.09 -1.45 0.00
GARDNVLA_35_KV_LD 355827	16.39 -0.83 0.00	17.74 -1.03 0.00	18.10 -0.98 0.00	19.59 -0.91 0.00	21.05 -1.06 0.00	23.11 -1.14 0.00	57.91 -3.81 0.00	29.82 -2.43 0.00	18.85 -1.38 0.00	15.12 -1.15 0.00	17.22 -1.07 0.00	17.31 -1.33 0.00	18.26 -1.38 0.00	18.22 -1.35 0.00	13.80 -1.10 0.00	12.47 -1.01 0.00	17.50 -1.47 0.00	21.34 -1.66 0.00	43.72 -2.88 0.00	89.62 -5.08 0.00	26.80 -1.91 0.00	25.55 -1.54 0.00	24.62 -1.54 0.00	26.21 -1.33 0.00
GELCKHM___115KV_LOAD 80723	16.93 -0.29 0.00	18.44 -0.33 0.00	18.71 -0.37 0.00	20.11 -0.39 0.00	21.64 -0.47 0.00	23.68 -0.57 0.00	60.33 -1.39 0.00	31.50 -0.75 0.00	19.84 -0.40 0.00	15.98 -0.29 0.00	17.97 -0.31 0.00	18.27 -0.37 0.00	19.24 -0.40 0.00	19.17 -0.41 0.00	14.58 -0.31 0.00	13.20 -0.28 0.00	18.53 -0.43 0.00	22.39 -0.53 0.08	45.59 -1.00 0.00	92.54 -2.16 0.00	27.99 -0.73 0.00	26.43 -0.66 0.00	25.53 -0.63 0.00	26.89 -0.66 0.00
GENERAL___MILLS 23808	16.38 -0.83 0.00	17.73 -1.04 0.00	18.10 -0.98 0.00	19.58 -0.92 0.00	21.04 -1.07 0.00	23.09 -1.16 0.00	57.86 -3.86 0.00	29.79 -2.46 0.00	18.84 -1.40 0.00	15.11 -1.17 0.00	17.19 -1.09 0.00	17.29 -1.35 0.00	18.24 -1.40 0.00	18.20 -1.38 0.00	13.78 -1.12 0.00	12.46 -1.03 0.00	17.47 -1.49 0.00	21.31 -1.70 0.00	43.65 -2.95 0.00	89.48 -5.22 0.00	26.76 -1.95 0.00	25.52 -1.57 0.00	24.60 -1.56 0.00	26.19 -1.36 0.00
GE_PLASTICS___DRP 24183	17.73 0.51 0.00	19.33 0.56 0.00	19.59 0.51 0.00	21.02 0.52 0.00	22.70 0.58 0.00	24.95 0.70 0.00	63.79 2.07 0.00	33.36 1.11 0.00	20.89 0.66 0.00	16.78 0.51 0.00	18.88 0.59 0.00	19.30 0.65 0.00	20.34 0.70 0.00	20.27 0.69 0.00	15.43 0.53 0.00	13.95 0.46 0.00	19.64 0.68 0.00	23.86 0.85 0.00	48.26 1.66 0.00	97.70 3.00 0.00	29.65 0.93 0.00	27.89 0.80 0.00	26.94 0.79 0.00	28.27 0.73 0.00
GILBOA___1 23756	17.75 0.53 0.00	19.36 0.59 0.00	19.61 0.54 0.00	21.05 0.55 0.00	22.73 0.62 0.00	24.98 0.73 0.00	63.84 2.12 0.00	33.34 1.09 0.00	20.95 0.71 0.00	16.82 0.55 0.00	18.90 0.62 0.00	19.32 0.67 0.00	20.36 0.72 0.00	20.29 0.71 0.00	15.40 0.50 0.00	13.93 0.45 0.00	19.62 0.66 0.00	23.84 0.83 0.00	48.26 1.66 0.00	97.73 3.04 0.00	29.63 0.92 0.00	27.89 0.80 0.00	26.96 0.81 0.00	28.33 0.79 0.00
GILBOA___2 23757	17.75 0.53 0.00	19.36 0.59 0.00	19.61 0.54 0.00	21.05 0.55 0.00	22.73 0.62 0.00	24.98 0.73 0.00	63.84 2.12 0.00	33.34 1.09 0.00	20.95 0.71 0.00	16.82 0.55 0.00	18.90 0.62 0.00	19.32 0.67 0.00	20.36 0.72 0.00	20.29 0.71 0.00	15.40 0.50 0.00	13.93 0.45 0.00	19.62 0.66 0.00	23.84 0.83 0.00	48.26 1.66 0.00	97.73 3.04 0.00	29.63 0.92 0.00	27.89 0.80 0.00	26.96 0.81 0.00	28.33 0.79 0.00
GILBOA___3 23758	17.75 0.53 0.00	19.36 0.59 0.00	19.61 0.54 0.00	21.05 0.55 0.00	22.73 0.62 0.00	24.98 0.73 0.00	63.84 2.12 0.00	33.34 1.09 0.00	20.95 0.71 0.00	16.82 0.55 0.00	18.90 0.62 0.00	19.32 0.67 0.00	20.36 0.72 0.00	20.29 0.71 0.00	15.40 0.50 0.00	13.93 0.45 0.00	19.62 0.66 0.00	23.84 0.83 0.00	48.26 1.66 0.00	97.73 3.04 0.00	29.63 0.92 0.00	27.89 0.80 0.00	26.96 0.81 0.00	28.33 0.79 0.00

GILBOA___4 23759	17.75 0.53 0.00	19.36 0.59 0.00	19.61 0.54 0.00	21.05 0.55 0.00	22.73 0.62 0.00	24.98 0.73 0.00	63.84 2.12 0.00	33.34 1.09 0.00	20.95 0.71 0.00	16.82 0.55 0.00	18.90 0.62 0.00	19.32 0.67 0.00	20.36 0.72 0.00	20.29 0.71 0.00	15.40 0.50 0.00	13.93 0.45 0.00	19.62 0.66 0.00	23.84 0.83 0.00	48.26 1.66 0.00	97.73 3.04 0.00	29.63 0.92 0.00	27.89 0.80 0.00	26.96 0.81 0.00	28.33 0.79 0.00
GILBOA____ 23599	17.75 0.53 0.00	19.36 0.59 0.00	19.61 0.54 0.00	21.05 0.55 0.00	22.73 0.62 0.00	24.98 0.73 0.00	63.84 2.12 0.00	33.34 1.09 0.00	20.94 0.71 0.00	16.82 0.55 0.00	18.90 0.62 0.00	19.32 0.67 0.00	20.36 0.72 0.00	20.29 0.71 0.00	15.40 0.50 0.00	13.93 0.45 0.00	19.62 0.66 0.00	23.84 0.83 0.00	48.26 1.66 0.00	97.73 3.04 0.00	29.63 0.92 0.00	27.89 0.80 0.00	26.96 0.81 0.00	28.34 0.79 0.00
GINNA____ 23603	15.97 -1.25 0.00	17.33 -1.44 0.00	17.63 -1.45 0.00	19.00 -1.50 0.00	20.46 -1.65 0.00	22.44 -1.81 0.00	56.88 -4.84 0.00	29.55 -2.69 0.00	18.63 -1.61 0.00	14.99 -1.29 0.00	16.93 -1.35 0.00	17.13 -1.51 0.00	18.05 -1.58 0.00	18.01 -1.56 0.00	13.67 -1.22 0.00	12.36 -1.13 0.00	17.35 -1.61 0.00	21.16 -1.85 0.00	43.05 -3.55 0.00	87.65 -7.05 0.00	26.37 -2.35 0.00	24.94 -2.15 0.00	24.02 -2.14 0.00	25.38 -2.16 0.00
GLEN PARK____ 23778	18.14 -0.61 -1.53	19.91 -0.45 -1.60	19.96 -0.72 -1.61	21.43 -0.73 -1.66	22.83 -0.72 -1.44	23.39 -0.86 0.00	62.25 -1.44 -1.97	33.79 -0.59 -2.13	21.37 -0.53 -1.66	17.15 -0.67 -1.55	18.99 -0.87 -1.58	19.14 -1.09 -1.59	20.01 -1.26 -1.63	19.98 -1.23 -1.63	15.46 -0.88 -1.45	14.23 -0.65 -1.39	19.55 -1.00 -1.58	22.01 -0.81 0.18	46.91 -1.07 -1.38	93.03 -1.66 0.00	28.35 -0.37 0.00	26.68 -0.41 0.00	26.04 -0.11 0.00	27.69 0.15 0.00
GLENDALE_27_KV_LOAD 356172	18.55 1.33 0.00	20.22 1.45 0.00	20.39 1.31 0.00	21.79 1.29 0.00	23.58 1.47 0.00	25.99 1.75 0.00	66.54 4.83 0.00	34.90 2.66 0.00	22.02 1.78 0.00	18.48 1.50 -0.71	23.12 1.63 -3.21	20.39 1.75 0.00	21.45 1.82 0.00	21.32 1.74 0.00	16.47 1.31 -0.26	16.90 1.16 -2.25	24.40 1.59 -3.84	24.94 1.93 0.00	50.27 3.67 0.00	101.71 7.00 0.00	30.87 2.15 0.00	28.96 1.87 0.00	28.09 1.94 0.00	29.43 1.88 0.00
GLENWOOD_IC_1_G5 23712	18.68 1.47 0.00	20.35 1.58 0.00	20.55 1.48 0.00	21.98 1.48 0.00	23.83 1.71 0.00	26.22 1.97 0.00	66.93 5.21 0.00	35.20 2.95 0.00	25.81 2.00 -3.57	23.96 1.63 -6.05	23.41 1.79 -3.34	20.53 1.89 0.00	21.63 1.99 0.00	21.47 1.90 0.00	16.52 1.39 -0.23	17.01 1.24 -2.28	20.69 1.73 0.00	25.05 2.05 0.00	50.44 3.85 0.00	101.78 7.08 0.00	30.92 2.20 0.00	29.25 2.16 0.00	28.31 2.16 0.00	29.65 2.10 0.00
GLENWOOD_IC_2_G1 23688	18.63 1.42 0.00	20.30 1.53 0.00	20.50 1.42 0.00	21.92 1.42 0.00	23.75 1.64 0.00	26.14 1.89 0.00	66.72 5.01 0.00	35.08 2.83 0.00	25.73 1.92 -3.57	23.89 1.57 -6.05	23.34 1.72 -3.34	20.47 1.82 0.00	21.55 1.91 0.00	21.40 1.82 0.00	16.47 1.34 -0.23	16.95 1.19 -2.28	20.62 1.66 0.00	25.03 2.03 0.00	50.53 3.93 0.00	101.96 7.26 0.00	30.89 2.17 0.00	29.15 2.06 0.00	28.21 2.06 0.00	29.56 2.02 0.00
GLENWOOD_IC_3_G1 23689	18.63 1.42 0.00	20.30 1.53 0.00	20.50 1.42 0.00	21.92 1.42 0.00	23.75 1.64 0.00	26.14 1.89 0.00	66.72 5.01 0.00	35.08 2.83 0.00	25.73 1.92 -3.57	23.89 1.57 -6.05	23.34 1.72 -3.34	20.47 1.82 0.00	21.55 1.91 0.00	21.40 1.82 0.00	16.47 1.34 -0.23	16.95 1.19 -2.28	20.62 1.66 0.00	25.03 2.03 0.00	50.53 3.93 0.00	101.96 7.26 0.00	30.89 2.17 0.00	29.15 2.06 0.00	28.21 2.06 0.00	29.56 2.02 0.00
GLENWOOD___4 23550	18.68 1.47 0.00	20.35 1.58 0.00	20.55 1.48 0.00	21.98 1.48 0.00	23.83 1.71 0.00	26.22 1.97 0.00	66.93 5.21 0.00	35.20 2.95 0.00	25.81 2.00 -3.57	23.96 1.63 -6.05	23.41 1.79 -3.34	20.53 1.89 0.00	21.63 1.99 0.00	21.47 1.90 0.00	16.52 1.39 -0.23	17.01 1.24 -2.28	20.69 1.73 0.00	25.08 2.07 0.00	50.55 3.95 0.00	102.00 7.30 0.00	30.95 2.23 0.00	29.25 2.16 0.00	28.31 2.16 0.00	29.65 2.10 0.00
GLENWOOD___5 23614	18.68 1.47 0.00	20.35 1.58 0.00	20.55 1.48 0.00	21.98 1.48 0.00	23.83 1.71 0.00	26.22 1.97 0.00	66.93 5.21 0.00	35.20 2.95 0.00	25.81 2.00 -3.57	23.96 1.63 -6.05	23.41 1.79 -3.34	20.53 1.89 0.00	21.63 1.99 0.00	21.47 1.90 0.00	16.52 1.39 -0.23	17.01 1.24 -2.28	20.69 1.73 0.00	25.08 2.07 0.00	50.55 3.95 0.00	102.00 7.30 0.00	30.95 2.23 0.00	29.25 2.16 0.00	28.31 2.16 0.00	29.65 2.10 0.00
GLOBAL GREEN_PORT_GT1 23814	18.96 1.75 0.00	20.47 1.70 0.00	20.69 1.61 0.00	22.11 1.61 0.00	24.06 1.95 0.00	26.34 2.09 0.00	67.16 5.44 0.00	35.53 3.28 0.00	26.04 2.24 -3.57	24.19 1.87 -6.05	23.65 2.03 -3.34	20.76 2.12 0.00	21.87 2.23 0.00	21.61 2.04 0.00	16.59 1.47 -0.23	16.72 0.95 -2.28	20.26 1.30 0.00	24.80 1.79 0.00	51.20 4.61 0.00	103.46 8.76 0.00	31.19 2.47 0.00	29.42 2.33 0.00	28.29 2.13 0.00	29.58 2.04 0.00
GLOBE___DSASP 323697	15.86 -1.36 0.00	17.13 -1.64 0.00	17.48 -1.59 0.00	18.90 -1.60 0.00	20.31 -1.80 0.00	22.24 -2.01 0.00	55.41 -6.31 0.00	28.39 -3.86 0.00	17.92 -2.32 0.00	14.40 -1.87 0.00	16.40 -1.89 0.00	16.48 -2.17 0.00	17.37 -2.27 0.00	17.34 -2.23 0.00	13.19 -1.71 0.00	11.89 -1.59 0.00	16.65 -2.31 0.00	20.28 -2.72 0.00	41.43 -5.16 0.00	84.89 -9.81 0.00	25.42 -3.30 0.00	24.28 -2.81 0.00	23.42 -2.73 0.00	24.99 -2.55 0.00
GOETHSLN___LBMP 323567	18.38 1.16 0.00	20.05 1.28 0.00	20.22 1.15 0.00	21.61 1.10 0.00	23.35 1.24 0.00	25.73 1.48 0.00	65.79 4.07 0.00	34.51 2.26 0.00	21.75 1.51 0.00	18.26 1.28 -0.71	22.77 1.39 -3.09	20.15 1.50 0.00	21.22 1.58 0.00	21.09 1.51 0.00	16.24 1.11 -0.23	16.73 0.99 -2.26	20.34 1.38 0.00	24.66 1.66 0.00	49.72 3.12 0.00	100.47 5.77 0.00	30.47 1.76 0.00	28.63 1.54 0.00	27.80 1.65 0.00	29.11 1.57 0.00
GOLAH___69_KV_TB 1_2 80279	16.74 -0.48 0.00	18.15 -0.62 0.00	18.48 -0.60 0.00	19.95 -0.55 0.00	21.47 -0.65 0.00	23.56 -0.69 0.00	59.56 -2.16 0.00	30.84 -1.41 0.00	19.43 -0.81 0.00	15.59 -0.68 0.00	17.65 -0.63 0.00	17.83 -0.82 0.00	18.77 -0.86 0.00	18.73 -0.85 0.00	14.22 -0.68 0.00	12.84 -0.64 0.00	18.03 -0.93 0.00	22.00 -1.00 0.00	44.91 -1.68 0.00	91.57 -3.12 0.00	27.51 -1.21 0.00	26.08 -1.01 0.00	25.12 -1.03 0.00	26.62 -0.93 0.00
GOODYEAR_LAKE_HYD 323669	17.82 0.60 0.00	19.48 0.71 0.00	19.76 0.68 0.00	21.21 0.71 0.00	22.97 0.86 0.00	25.22 0.97 0.00	64.35 2.63 0.00	33.59 1.34 0.00	21.13 0.90 0.00	16.98 0.71 0.00	19.05 0.77 0.00	19.41 0.76 0.00	20.44 0.81 0.00	20.35 0.78 0.00	15.44 0.55 0.00	13.99 0.50 0.00	19.68 0.72 0.00	23.97 0.97 0.00	48.76 2.16 0.00	98.98 4.28 0.00	29.97 1.26 0.00	28.21 1.12 0.00	27.28 1.13 0.00	28.80 1.25 0.00

GOUDEY___7 345031	17.21 -0.01 0.00	18.82 0.05 0.00	19.07 -0.01 0.00	20.50 0.00 0.00	22.13 0.02 0.00	24.29 0.04 0.00	61.90 0.19 0.00	32.25 0.01 0.00	20.32 0.08 0.00	16.27 0.00 0.00	18.32 0.04 0.00	18.61 -0.03 0.00	19.67 0.04 0.00	19.61 0.04 0.00	14.81 -0.08 0.00	13.44 -0.04 0.00	18.90 -0.06 0.00	23.00 -0.01 0.00	46.75 0.15 0.00	94.94 0.24 0.00	28.67 -0.05 0.00	27.07 -0.02 0.00	26.17 0.02 0.00	27.66 0.11 0.00
GOUDEY___7 23579	17.22 0.00 0.00	18.84 0.07 0.00	19.09 0.01 0.00	20.51 0.01 0.00	22.15 0.04 0.00	24.31 0.06 0.00	61.97 0.25 0.00	32.29 0.04 0.00	20.34 0.10 0.00	16.29 0.02 0.00	18.34 0.05 0.00	18.63 -0.01 0.00	19.70 0.06 0.00	19.63 0.06 0.00	14.83 -0.06 0.00	13.45 -0.03 0.00	18.92 -0.04 0.00	23.02 0.02 0.00	46.81 0.21 0.00	95.03 0.33 0.00	28.70 -0.02 0.00	27.09 0.00 0.00	26.20 0.04 0.00	27.69 0.14 0.00
GOUDEY___8 23580	17.21 -0.01 0.00	18.82 0.05 0.00	19.07 -0.01 0.00	20.50 0.00 0.00	22.13 0.02 0.00	24.29 0.04 0.00	61.90 0.19 0.00	32.25 0.01 0.00	20.32 0.08 0.00	16.27 0.00 0.00	18.32 0.04 0.00	18.61 -0.03 0.00	19.67 0.04 0.00	19.61 0.04 0.00	14.81 -0.08 0.00	13.44 -0.04 0.00	18.90 -0.06 0.00	23.00 -0.01 0.00	46.75 0.15 0.00	94.94 0.24 0.00	28.67 -0.05 0.00	27.07 -0.02 0.00	26.17 0.02 0.00	27.66 0.11 0.00
GOWANUS_GT1_1 24077	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT1_2 24078	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT1_3 24079	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT1_4 24080	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT1_5 24084	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT1_6 24111	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT1_7 24112	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT1_8 24113	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT2_1 24114	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT2_2 24115	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT2_3 24116	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT2_4 24117	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01

GOWANUS_GT2_5 24118	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT2_6 24119	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT2_7 24120	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT2_8 24121	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT3_1 24122	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT3_2 24123	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT3_3 24124	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT3_4 24125	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT3_5 24126	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT3_6 24127	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT3_7 24128	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT3_8 24129	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT4_1 24130	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT4_2 24131	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT4_3 24132	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01

GOWANUS_GT4_4 24133	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT4_5 24134	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT4_6 24135	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT4_7 24136	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GOWANUS_GT4_8 24137	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GREENBSH_115KV_TB3 55895	17.69 0.47 0.00	19.28 0.51 0.00	19.54 0.46 0.00	20.98 0.48 0.00	22.64 0.54 0.00	24.89 0.64 0.00	63.69 1.98 0.00	33.32 1.07 0.00	20.85 0.61 0.00	16.75 0.48 0.00	18.86 0.58 0.00	19.29 0.64 0.00	20.33 0.69 0.00	20.26 0.68 0.00	15.46 0.56 0.00	13.96 0.47 0.00	19.64 0.68 0.00	23.85 0.84 0.00	48.21 1.61 0.00	97.57 2.87 0.00	29.63 0.91 0.00	27.85 0.76 0.00	26.88 0.72 0.00	28.19 0.64 0.00
GREENDGE_115KV_TB5 80291	17.04 -0.18 0.00	18.67 -0.10 0.00	18.89 -0.19 0.00	20.38 -0.12 0.00	22.08 -0.03 0.00	24.25 0.00 0.00	61.43 -0.29 0.00	32.00 -0.25 0.00	20.24 0.00 0.00	16.06 -0.21 0.00	18.06 -0.22 0.00	18.28 -0.37 0.00	19.30 -0.34 0.00	19.25 -0.33 0.00	14.55 -0.35 0.00	13.20 -0.28 0.00	18.53 -0.43 0.00	22.74 -0.26 0.00	46.27 -0.33 0.00	94.25 -0.45 0.00	28.62 -0.09 0.00	27.03 -0.06 0.00	26.15 -0.01 0.00	27.60 0.06 0.00
GREENIDGE___3 23582	17.04 -0.18 0.00	18.67 -0.10 0.00	18.89 -0.19 0.00	20.38 -0.12 0.00	22.08 -0.03 0.00	24.25 0.00 0.00	61.43 -0.29 0.00	32.00 -0.25 0.00	20.24 0.00 0.00	16.06 -0.21 0.00	18.06 -0.22 0.00	18.28 -0.37 0.00	19.30 -0.34 0.00	19.25 -0.33 0.00	14.55 -0.35 0.00	13.20 -0.28 0.00	18.53 -0.43 0.00	22.74 -0.26 0.00	46.27 -0.33 0.00	94.25 -0.45 0.00	28.62 -0.09 0.00	27.03 -0.06 0.00	26.15 -0.01 0.00	27.60 0.06 0.00
GREENIDGE___4 23583	17.03 -0.18 0.00	18.67 -0.10 0.00	18.89 -0.19 0.00	20.38 -0.12 0.00	22.08 -0.03 0.00	24.26 0.01 0.00	61.44 -0.28 0.00	31.99 -0.25 0.00	20.24 0.00 0.00	16.06 -0.21 0.00	18.06 -0.22 0.00	18.28 -0.36 0.00	19.30 -0.34 0.00	19.25 -0.33 0.00	14.55 -0.35 0.00	13.20 -0.28 0.00	18.54 -0.43 0.00	22.74 -0.27 0.00	46.27 -0.33 0.00	94.24 -0.45 0.00	28.62 -0.09 0.00	27.03 -0.06 0.00	26.14 -0.01 0.00	27.60 0.06 0.00
GREENLWN_69_KV_BK 3 55738	18.60 1.38 0.00	20.26 1.49 0.00	20.46 1.38 0.00	21.86 1.36 0.00	23.73 1.62 0.00	26.06 1.81 0.00	66.42 4.70 0.00	34.95 2.71 0.00	25.70 1.90 -3.57	23.87 1.55 -6.05	23.31 1.68 -3.34	20.43 1.78 0.00	21.52 1.88 0.00	21.34 1.77 0.00	16.42 1.29 -0.23	16.91 1.14 -2.28	20.54 1.58 0.00	24.96 1.95 0.00	50.41 3.81 0.00	101.74 7.04 0.00	30.76 2.04 0.00	29.02 1.93 0.00	28.08 1.93 0.00	29.41 1.86 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
GRISSOM___SOLAR 323813	18.69 1.48 0.00	20.37 1.60 0.00	20.71 1.64 0.00	22.31 1.81 0.00	24.18 2.06 0.00	26.64 2.39 0.00	68.23 6.51 0.00	35.57 3.33 0.00	22.10 1.86 0.00	17.62 1.35 0.00	19.31 1.03 0.00	19.94 1.29 0.00	20.85 1.22 0.00	20.46 0.89 0.00	15.75 0.85 0.00	14.32 0.84 0.00	20.54 1.58 0.00	25.44 2.44 0.00	52.12 5.53 0.00	105.90 11.20 0.00	31.99 3.28 0.00	30.12 3.03 0.00	28.99 2.84 0.00	30.48 2.94 0.00
GROVEVILLE___HYD 323602	18.40 1.18 0.00	20.06 1.29 0.00	20.28 1.20 0.00	21.73 1.23 0.00	23.49 1.38 0.00	25.90 1.65 0.00	66.29 4.57 0.00	34.75 2.50 0.00	21.82 1.58 0.00	17.52 1.25 0.00	19.67 1.38 0.00	20.12 1.47 0.00	21.20 1.56 0.00	21.10 1.53 0.00	16.01 1.11 0.00	14.48 1.00 0.00	20.44 1.48 0.00	24.89 1.89 0.00	50.38 3.78 0.00	101.82 7.12 0.00	30.84 2.12 0.00	28.98 1.88 0.00	28.03 1.87 0.00	29.38 1.84 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.06 -0.16 0.00	18.59 -0.18 0.00	18.86 -0.22 0.00	20.27 -0.24 0.00	21.81 -0.30 0.00	23.89 -0.36 0.00	60.87 -0.85 0.00	31.79 -0.46 0.00	20.01 -0.23 0.00	16.12 -0.15 0.00	18.13 -0.16 0.00	18.43 -0.21 0.00	19.41 -0.23 0.00	19.33 -0.25 0.00	14.70 -0.20 0.00	13.31 -0.17 0.00	18.70 -0.26 0.00	22.69 -0.32 0.00	46.05 -0.55 0.00	93.47 -1.23 0.00	28.26 -0.46 0.00	26.68 -0.41 0.00	25.76 -0.40 0.00	27.13 -0.42 0.00
HAMLTNNY_34_KV_TB 80303	16.99 -0.22 0.00	18.59 -0.18 0.00	18.88 -0.20 0.00	20.26 -0.24 0.00	21.83 -0.29 0.00	23.92 -0.33 0.00	60.95 -0.77 0.00	31.85 -0.40 0.00	20.05 -0.19 0.00	16.14 -0.13 0.00	18.17 -0.12 0.00	18.47 -0.18 0.00	19.43 -0.21 0.00	19.35 -0.23 0.00	14.72 -0.18 0.00	13.33 -0.15 0.00	18.73 -0.23 0.00	22.75 -0.25 0.00	46.21 -0.39 0.00	93.81 -0.89 0.00	28.33 -0.38 0.00	26.76 -0.33 0.00	25.83 -0.33 0.00	27.18 -0.36 0.00

HAMPSHIRE___PAPER_HYD 323593	20.65 -0.55 -3.98	22.43 -0.48 -4.14	22.67 -0.58 -4.18	24.29 -0.54 -4.32	25.35 -0.51 -3.75	23.50 -0.75 0.00	65.12 -1.71 -5.11	36.96 -0.81 -5.53	23.92 -0.61 -4.29	19.69 -0.60 -4.01	21.66 -0.71 -4.09	21.97 -0.80 -4.13	22.95 -0.91 -4.23	22.93 -0.87 -4.23	18.00 -0.65 -3.75	16.57 -0.52 -3.60	22.28 -0.81 -4.13	24.65 -0.89 -2.53	48.59 -1.61 -3.59	92.24 -2.46 0.00	28.11 -0.61 0.00	26.67 -0.42 0.00	26.04 -0.11 0.00	27.62 0.08 0.00
HARDSCRABBLE_WT_PWR 323673	17.21 -0.01 0.00	18.79 0.03 0.00	19.04 -0.03 0.00	20.46 -0.05 0.00	22.14 0.03 0.00	24.53 0.28 0.00	63.03 1.31 0.00	32.98 0.74 0.00	20.47 0.23 0.00	16.31 0.04 0.00	18.27 -0.01 0.00	18.70 0.05 0.00	19.70 0.06 0.00	19.60 0.02 0.00	14.91 0.01 0.00	13.51 0.03 0.00	19.06 0.10 0.00	23.58 0.36 -0.22	47.61 1.02 0.00	96.32 1.62 0.00	29.26 0.54 0.00	27.44 0.35 0.00	26.34 0.18 0.00	27.71 0.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.29 1.08 0.00	19.96 1.19 0.00	20.18 1.10 0.00	21.61 1.11 0.00	23.37 1.25 0.00	25.74 1.49 0.00	65.84 4.12 0.00	34.50 2.25 0.00	21.69 1.45 0.00	16.71 1.16 0.71	16.31 1.26 3.23	19.99 1.34 0.00	21.05 1.42 0.00	20.95 1.37 0.00	15.66 0.99 0.22	12.14 0.88 2.22	20.24 1.28 0.00	24.65 1.64 0.00	49.87 3.27 0.00	100.77 6.07 0.00	30.51 1.80 0.00	28.67 1.58 0.00	27.79 1.64 0.00	29.15 1.60 0.00
HARSNRAD_115KV_TB1 81005	16.12 -1.10 0.00	17.42 -1.36 0.00	17.78 -1.30 0.00	19.23 -1.27 0.00	20.66 -1.45 0.00	22.66 -1.59 0.00	56.69 -5.03 0.00	29.17 -3.08 0.00	18.42 -1.82 0.00	14.79 -1.48 0.00	16.84 -1.45 0.00	16.89 -1.75 0.00	17.76 -1.88 0.00	17.70 -1.88 0.00	13.45 -1.45 0.00	12.14 -1.35 0.00	16.99 -1.97 0.00	20.69 -2.31 0.00	42.34 -4.26 0.00	86.77 -7.92 0.00	25.96 -2.76 0.00	24.77 -2.32 0.00	24.01 -2.14 0.00	25.62 -1.92 0.00
HARZA MOOSE___RIVER 24016	18.25 -0.11 -1.14	19.97 0.01 -1.19	20.11 -0.17 -1.20	21.66 -0.09 -1.25	23.19 -0.01 -1.08	24.16 -0.09 0.00	63.51 0.32 -1.47	34.08 0.25 -1.59	21.60 0.13 -1.24	17.42 0.00 -1.16	19.39 -0.06 -1.18	19.67 -0.16 -1.19	20.65 -0.20 -1.22	20.56 -0.23 -1.22	15.81 -0.17 -1.08	14.45 -0.07 -1.04	20.04 -0.09 -1.17	24.25 -0.02 -1.27	47.78 0.17 -1.01	95.42 0.72 0.00	29.00 0.28 0.00	27.43 0.34 0.00	26.63 0.48 0.00	28.19 0.65 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.94 -0.27 0.00	18.45 -0.32 0.00	18.71 -0.36 0.00	20.12 -0.38 0.00	21.65 -0.46 0.00	23.70 -0.55 0.00	60.38 -1.34 0.00	31.50 -0.74 0.00	19.86 -0.38 0.00	15.99 -0.28 0.00	17.99 -0.30 0.00	18.29 -0.35 0.00	19.26 -0.38 0.00	19.19 -0.38 0.00	14.60 -0.30 0.00	13.21 -0.27 0.00	18.55 -0.41 0.00	22.47 -0.54 0.00	45.54 -1.05 0.00	92.44 -2.26 0.00	27.95 -0.77 0.00	26.43 -0.66 0.00	25.52 -0.64 0.00	26.88 -0.67 0.00
HELLGATE_13_KV_LD 55870	18.47 1.25 0.00	20.14 1.37 0.00	20.31 1.23 0.00	21.70 1.20 0.00	23.49 1.38 0.00	25.88 1.63 0.00	66.25 4.53 0.00	34.73 2.49 0.00	21.91 1.67 0.00	18.39 1.41 -0.71	23.01 1.52 -3.21	20.28 1.64 0.00	21.34 1.70 0.00	21.21 1.63 0.00	16.39 1.23 -0.26	16.83 1.09 -2.25	24.26 1.48 -3.82	24.80 1.79 0.00	50.01 3.41 0.00	101.15 6.45 0.00	30.69 1.97 0.00	28.81 1.72 0.00	27.96 1.80 0.00	29.28 1.73 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.47 1.25 0.00	20.14 1.37 0.00	20.31 1.23 0.00	21.70 1.20 0.00	23.49 1.38 0.00	25.88 1.63 0.00	66.25 4.53 0.00	34.73 2.49 0.00	21.91 1.67 0.00	18.39 1.41 -0.71	23.01 1.52 -3.21	20.28 1.64 0.00	21.34 1.70 0.00	21.21 1.63 0.00	16.39 1.23 -0.26	16.83 1.09 -2.25	24.26 1.48 -3.82	24.80 1.79 0.00	50.01 3.41 0.00	101.15 6.45 0.00	30.69 1.97 0.00	28.81 1.72 0.00	27.96 1.80 0.00	29.28 1.73 0.00
HEMPSTEAD____ 23647	18.62 1.40 0.00	20.28 1.51 0.00	20.48 1.40 0.00	21.89 1.39 0.00	23.74 1.63 0.00	26.12 1.87 0.00	66.64 4.92 0.00	35.06 2.82 0.00	25.73 1.92 -3.57	23.89 1.57 -6.05	23.33 1.70 -3.34	20.45 1.80 0.00	21.53 1.90 0.00	21.38 1.80 0.00	16.45 1.32 -0.23	16.94 1.17 -2.28	20.60 1.63 0.00	25.00 2.00 0.00	50.48 3.89 0.00	101.82 7.12 0.00	30.84 2.12 0.00	29.12 2.03 0.00	28.18 2.03 0.00	29.51 1.96 0.00
HEWLETT__69_KV_BK3 55828	18.73 1.52 0.00	20.40 1.63 0.00	20.60 1.52 0.00	22.02 1.52 0.00	23.87 1.76 0.00	26.28 2.03 0.00	66.76 5.04 0.00	35.04 2.79 0.00	25.75 1.95 -3.57	23.98 1.66 -6.05	23.44 1.81 -3.34	20.56 1.92 0.00	21.65 2.01 0.00	21.50 1.92 0.00	16.54 1.41 -0.23	17.02 1.25 -2.28	20.72 1.76 0.00	25.17 2.17 0.00	50.90 4.30 0.00	102.55 7.85 0.00	31.04 2.32 0.00	29.33 2.24 0.00	28.37 2.22 0.00	29.73 2.18 0.00
HICKLING___1 23621	17.01 -0.21 0.00	18.68 -0.09 0.00	18.89 -0.18 0.00	20.35 -0.15 0.00	22.06 -0.05 0.00	24.29 0.04 0.00	61.87 0.15 0.00	32.03 -0.21 0.00	20.16 -0.08 0.00	16.01 -0.26 0.00	18.06 -0.22 0.00	18.33 -0.32 0.00	19.43 -0.21 0.00	19.39 -0.19 0.00	14.55 -0.35 0.00	13.21 -0.27 0.00	18.56 -0.40 0.00	22.69 -0.31 0.00	46.38 -0.22 0.00	94.58 -0.11 0.00	28.60 -0.12 0.00	27.04 -0.05 0.00	26.16 0.01 0.00	27.72 0.18 0.00
HICKLING___2 23622	17.01 -0.21 0.00	18.68 -0.09 0.00	18.89 -0.18 0.00	20.35 -0.15 0.00	22.06 -0.05 0.00	24.29 0.04 0.00	61.87 0.15 0.00	32.03 -0.21 0.00	20.16 -0.08 0.00	16.01 -0.26 0.00	18.06 -0.22 0.00	18.33 -0.32 0.00	19.43 -0.21 0.00	19.39 -0.19 0.00	14.55 -0.35 0.00	13.21 -0.27 0.00	18.56 -0.40 0.00	22.69 -0.31 0.00	46.38 -0.22 0.00	94.58 -0.11 0.00	28.60 -0.12 0.00	27.04 -0.05 0.00	26.16 0.01 0.00	27.72 0.18 0.00
HIGH FALLS___HY 23754	18.41 1.19 0.00	20.08 1.31 0.00	20.29 1.21 0.00	21.74 1.23 0.00	23.51 1.40 0.00	25.93 1.68 0.00	66.38 4.66 0.00	34.80 2.55 0.00	21.85 1.61 0.00	17.53 1.26 0.00	19.62 1.33 0.00	20.03 1.39 0.00	21.15 1.51 0.00	20.97 1.39 0.00	15.92 1.02 0.00	14.40 0.92 0.00	20.36 1.40 0.00	24.90 1.89 0.00	50.51 3.91 0.00	102.16 7.46 0.00	30.93 2.21 0.00	29.04 1.95 0.00	28.12 1.96 0.00	29.48 1.93 0.00
HILLBURN___GT 23639	18.32 1.10 0.00	19.99 1.22 0.00	20.20 1.13 0.00	21.63 1.13 0.00	23.38 1.27 0.00	25.75 1.50 0.00	65.87 4.15 0.00	34.51 2.26 0.00	21.71 1.48 0.00	16.62 1.18 0.83	15.81 1.26 3.74	20.01 1.37 0.00	21.08 1.44 0.00	20.98 1.41 0.00	15.64 1.00 0.26	11.78 0.88 2.58	20.22 1.26 0.00	24.59 1.58 0.00	49.73 3.13 0.00	100.45 5.75 0.00	30.42 1.70 0.00	28.60 1.51 0.00	27.75 1.60 0.00	29.12 1.57 0.00
HILLSIDE_115KV_TB1 80332	16.86 -0.35 0.00	18.50 -0.27 0.00	18.73 -0.35 0.00	20.15 -0.35 0.00	21.79 -0.32 0.00	23.98 -0.28 0.00	61.06 -0.66 0.00	31.70 -0.55 0.00	19.98 -0.26 0.00	15.89 -0.38 0.00	17.93 -0.35 0.00	18.20 -0.45 0.00	19.32 -0.32 0.00	19.28 -0.30 0.00	14.47 -0.43 0.00	13.15 -0.33 0.00	18.48 -0.49 0.00	22.53 -0.47 0.00	45.93 -0.67 0.00	93.43 -1.28 0.00	28.20 -0.52 0.00	26.67 -0.42 0.00	25.81 -0.35 0.00	27.35 -0.20 0.00

HISHELDN_WT_PWR 323625	15.94 -1.28 0.00	17.24 -1.53 0.00	17.62 -1.46 0.00	19.11 -1.39 0.00	20.52 -1.59 0.00	22.62 -1.63 0.00	56.47 -5.25 0.00	28.95 -3.30 0.00	18.36 -1.88 0.00	14.73 -1.54 0.00	16.75 -1.53 0.00	16.83 -1.82 0.00	17.71 -1.93 0.00	17.66 -1.92 0.00	13.37 -1.53 0.00	12.09 -1.40 0.00	16.96 -2.00 0.00	20.71 -2.29 0.00	42.57 -4.03 0.00	87.65 -7.05 0.00	26.29 -2.42 0.00	25.11 -1.98 0.00	24.17 -1.99 0.00	25.68 -1.87 0.00
HOLTSVILLE_IC_1 23690	18.69 1.47 0.00	20.34 1.57 0.00	20.55 1.47 0.00	21.94 1.44 0.00	23.83 1.72 0.00	26.09 1.84 0.00	66.48 4.76 0.00	35.10 2.85 0.00	25.81 2.01 -3.57	23.99 1.67 -6.05	23.43 1.81 -3.34	20.56 1.92 0.00	21.65 2.01 0.00	21.44 1.86 0.00	16.50 1.37 -0.23	16.95 1.18 -2.28	20.59 1.62 0.00	25.00 1.99 0.00	50.50 3.91 0.00	102.00 7.30 0.00	30.78 2.07 0.00	29.08 1.99 0.00	28.07 1.91 0.00	29.35 1.81 0.00
HOLTSVILLE_IC_10 23699	18.76 1.55 0.00	20.42 1.65 0.00	20.63 1.55 0.00	22.02 1.52 0.00	23.93 1.81 0.00	26.21 1.96 0.00	66.80 5.08 0.00	35.27 3.02 0.00	25.91 2.11 -3.57	24.06 1.74 -6.05	23.51 1.89 -3.34	20.64 1.99 0.00	21.74 2.10 0.00	21.52 1.95 0.00	16.56 1.43 -0.23	17.01 1.24 -2.28	20.69 1.73 0.00	25.14 2.14 0.00	50.80 4.21 0.00	102.61 7.90 0.00	30.96 2.25 0.00	29.24 2.15 0.00	28.21 2.05 0.00	29.49 1.94 0.00
HOLTSVILLE_IC_2 23691	18.69 1.47 0.00	20.34 1.57 0.00	20.55 1.47 0.00	21.94 1.44 0.00	23.83 1.72 0.00	26.09 1.84 0.00	66.48 4.76 0.00	35.10 2.85 0.00	25.81 2.01 -3.57	23.99 1.67 -6.05	23.43 1.81 -3.34	20.56 1.92 0.00	21.65 2.01 0.00	21.44 1.86 0.00	16.50 1.37 -0.23	16.95 1.18 -2.28	20.59 1.62 0.00	25.00 1.99 0.00	50.50 3.91 0.00	102.00 7.30 0.00	30.78 2.07 0.00	29.08 1.99 0.00	28.07 1.91 0.00	29.35 1.81 0.00
HOLTSVILLE_IC_3 23692	18.69 1.47 0.00	20.34 1.57 0.00	20.55 1.47 0.00	21.94 1.44 0.00	23.83 1.72 0.00	26.09 1.84 0.00	66.48 4.76 0.00	35.10 2.85 0.00	25.81 2.01 -3.57	23.99 1.67 -6.05	23.43 1.81 -3.34	20.56 1.92 0.00	21.65 2.01 0.00	21.44 1.86 0.00	16.50 1.37 -0.23	16.95 1.18 -2.28	20.59 1.62 0.00	25.00 1.99 0.00	50.50 3.91 0.00	102.00 7.30 0.00	30.78 2.07 0.00	29.08 1.99 0.00	28.07 1.91 0.00	29.35 1.81 0.00
HOLTSVILLE_IC_4 23693	18.69 1.47 0.00	20.34 1.57 0.00	20.55 1.47 0.00	21.94 1.44 0.00	23.83 1.72 0.00	26.09 1.84 0.00	66.48 4.76 0.00	35.10 2.85 0.00	25.81 2.01 -3.57	23.99 1.67 -6.05	23.43 1.81 -3.34	20.56 1.92 0.00	21.65 2.01 0.00	21.44 1.86 0.00	16.50 1.37 -0.23	16.95 1.18 -2.28	20.59 1.62 0.00	25.00 1.99 0.00	50.50 3.91 0.00	102.00 7.30 0.00	30.78 2.07 0.00	29.08 1.99 0.00	28.07 1.91 0.00	29.35 1.81 0.00
HOLTSVILLE_IC_5 23694	18.69 1.47 0.00	20.34 1.57 0.00	20.55 1.47 0.00	21.94 1.44 0.00	23.83 1.72 0.00	26.09 1.84 0.00	66.48 4.76 0.00	35.10 2.85 0.00	25.81 2.01 -3.57	23.99 1.67 -6.05	23.43 1.81 -3.34	20.56 1.92 0.00	21.65 2.01 0.00	21.44 1.86 0.00	16.50 1.37 -0.23	16.95 1.18 -2.28	20.59 1.62 0.00	25.00 1.99 0.00	50.50 3.91 0.00	102.00 7.30 0.00	30.78 2.07 0.00	29.08 1.99 0.00	28.07 1.91 0.00	29.35 1.81 0.00
HOLTSVILLE_IC_6 23695	18.76 1.55 0.00	20.42 1.65 0.00	20.63 1.55 0.00	22.02 1.52 0.00	23.93 1.81 0.00	26.21 1.96 0.00	66.80 5.08 0.00	35.27 3.02 0.00	25.91 2.11 -3.57	24.06 1.74 -6.05	23.51 1.89 -3.34	20.64 1.99 0.00	21.74 2.10 0.00	21.52 1.95 0.00	16.56 1.43 -0.23	17.01 1.24 -2.28	20.69 1.73 0.00	25.14 2.14 0.00	50.80 4.21 0.00	102.61 7.90 0.00	30.96 2.25 0.00	29.24 2.15 0.00	28.21 2.05 0.00	29.49 1.94 0.00
HOLTSVILLE_IC_7 23696	18.76 1.55 0.00	20.42 1.65 0.00	20.63 1.55 0.00	22.02 1.52 0.00	23.93 1.81 0.00	26.21 1.96 0.00	66.80 5.08 0.00	35.27 3.02 0.00	25.91 2.11 -3.57	24.06 1.74 -6.05	23.51 1.89 -3.34	20.64 1.99 0.00	21.74 2.10 0.00	21.52 1.95 0.00	16.56 1.43 -0.23	17.01 1.24 -2.28	20.69 1.73 0.00	25.14 2.14 0.00	50.80 4.21 0.00	102.61 7.90 0.00	30.96 2.25 0.00	29.24 2.15 0.00	28.21 2.05 0.00	29.49 1.94 0.00
HOLTSVILLE_IC_8 23697	18.76 1.55 0.00	20.42 1.65 0.00	20.63 1.55 0.00	22.02 1.52 0.00	23.93 1.81 0.00	26.21 1.96 0.00	66.80 5.08 0.00	35.27 3.02 0.00	25.91 2.11 -3.57	24.06 1.74 -6.05	23.51 1.89 -3.34	20.64 1.99 0.00	21.74 2.10 0.00	21.52 1.95 0.00	16.56 1.43 -0.23	17.01 1.24 -2.28	20.69 1.73 0.00	25.14 2.14 0.00	50.80 4.21 0.00	102.61 7.90 0.00	30.96 2.25 0.00	29.24 2.15 0.00	28.21 2.05 0.00	29.49 1.94 0.00
HOLTSVILLE_IC_9 23698	18.76 1.55 0.00	20.42 1.65 0.00	20.63 1.55 0.00	22.02 1.52 0.00	23.93 1.81 0.00	26.21 1.96 0.00	66.80 5.08 0.00	35.27 3.02 0.00	25.91 2.11 -3.57	24.06 1.74 -6.05	23.51 1.89 -3.34	20.64 1.99 0.00	21.74 2.10 0.00	21.52 1.95 0.00	16.56 1.43 -0.23	17.01 1.24 -2.28	20.69 1.73 0.00	25.14 2.14 0.00	50.80 4.21 0.00	102.61 7.90 0.00	30.96 2.25 0.00	29.24 2.15 0.00	28.21 2.05 0.00	29.49 1.94 0.00
HOMER_HL_115KV_TB2 355744	17.19 -0.02 0.00	18.75 -0.02 0.00	19.09 0.01 0.00	20.61 0.11 0.00	22.20 0.09 0.00	24.25 0.00 0.00	60.68 -1.04 0.00	31.32 -0.93 0.00	19.75 -0.48 0.00	15.82 -0.45 0.00	18.02 -0.27 0.00	18.26 -0.38 0.00	19.35 -0.29 0.00	19.24 -0.33 0.00	14.49 -0.41 0.00	13.13 -0.35 0.00	18.35 -0.61 0.00	22.26 -0.74 0.00	45.58 -1.02 0.00	92.81 -1.89 0.00	27.79 -0.93 0.00	26.41 -0.67 0.00	25.67 -0.48 0.00	27.39 -0.15 0.00
HOWARD_WT_PWR 323690	16.17 -1.05 0.00	18.27 -0.50 0.00	18.21 -0.86 0.00	19.86 -0.64 0.00	21.95 -0.16 0.00	23.97 -0.28 0.00	60.22 -1.50 0.00	30.73 -1.52 0.00	19.27 -0.97 0.00	15.27 -1.00 0.00	17.25 -1.03 0.00	17.43 -1.22 0.00	18.47 -1.17 0.00	18.31 -1.26 0.00	13.68 -1.22 0.00	12.42 -1.06 0.00	17.47 -1.49 0.00	21.61 -1.40 0.00	44.90 -1.70 0.00	92.40 -2.30 0.00	28.30 -0.41 0.00	26.77 -0.32 0.00	26.12 -0.04 0.00	27.65 0.10 0.00
HQ_GEN_CEDARS 23644	18.71 -0.19 -1.68	20.32 -0.20 -1.75	20.73 -0.11 -1.77	22.26 -0.07 -1.83	23.64 -0.05 -1.58	24.11 -0.14 0.00	63.23 -0.64 -2.16	34.23 -0.35 -2.33	21.75 -0.30 -1.81	17.72 -0.25 -1.70	19.74 -0.27 -1.73	20.13 -0.25 -1.74	21.09 -0.33 -1.79	21.12 -0.24 -1.78	16.30 -0.18 -1.58	14.85 -0.16 -1.52	20.37 -0.33 -1.74	23.96 -0.43 -1.39	47.20 -0.92 -1.52	93.63 -1.07 0.00	28.47 -0.24 0.00	27.00 -0.09 0.00	26.16 0.01 0.00	27.67 0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	18.71 -0.19 -1.68	20.32 -0.20 -1.75	20.73 -0.11 -1.77	22.26 -0.07 -1.83	23.64 -0.05 -1.58	24.11 -0.14 0.00	63.23 -0.64 -2.16	34.23 -0.35 -2.33	21.75 -0.30 -1.81	17.71 -0.25 -1.70	19.74 -0.28 -1.73	20.13 -0.25 -1.74	21.09 -0.33 -1.79	21.12 -0.24 -1.78	16.30 -0.18 -1.58	14.85 -0.16 -1.52	20.37 -0.33 -1.74	23.96 -0.43 -1.39	47.20 -0.92 -1.52	93.63 -1.07 0.00	28.47 -0.24 0.00	27.00 -0.09 0.00	26.16 0.01 0.00	27.67 0.12 0.00

HQ_GEN_IMPORT 323601	16.97 -0.19 0.06	18.56 -0.21 0.00	18.95 -0.13 0.00	20.38 -0.12 0.00	22.00 -0.11 0.00	24.10 -0.15 0.00	61.10 -0.62 0.00	31.66 -0.34 0.24	20.12 -0.24 -0.12	16.08 -0.19 0.00	18.07 -0.21 0.00	18.42 -0.22 0.00	19.39 -0.25 0.00	19.35 -0.23 0.00	14.73 -0.17 0.00	13.33 -0.15 0.00	19.55 -0.25 -0.84	22.54 -0.33 0.14	45.91 -0.69 0.00	93.68 -1.02 0.00	28.45 -0.27 0.00	26.90 -0.19 0.00	25.99 -0.17 0.00	27.44 -0.11 0.00
HQ_GEN_WHEEL 23651	16.97 -0.19 0.06	18.56 -0.21 0.00	18.95 -0.13 0.00	20.38 -0.12 0.00	22.00 -0.11 0.00	24.10 -0.15 0.00	61.10 -0.62 0.00	31.66 -0.34 0.24	20.12 -0.24 -0.12	16.08 -0.19 0.00	18.07 -0.21 0.00	18.42 -0.22 0.00	19.39 -0.25 0.00	19.35 -0.23 0.00	14.73 -0.17 0.00	13.33 -0.15 0.00	19.55 -0.25 -0.84	22.54 -0.33 0.14	45.91 -0.69 0.00	93.68 -1.02 0.00	28.45 -0.27 0.00	26.90 -0.19 0.00	25.99 -0.17 0.00	27.44 -0.11 0.00
HUDSON AVE_GT_3 23810	18.49 1.27 0.00	20.15 1.38 0.00	20.33 1.26 0.00	21.73 1.23 0.00	23.49 1.38 0.00	25.89 1.64 0.00	66.22 4.50 0.00	34.74 2.49 0.00	21.90 1.67 0.00	18.38 1.40 -0.71	23.02 1.53 -3.22	20.29 1.64 0.00	21.36 1.73 0.00	21.22 1.65 0.00	16.35 1.22 -0.23	16.83 1.08 -2.26	20.47 1.51 0.00	24.85 1.84 0.00	50.13 3.53 0.00	101.31 6.61 0.00	30.71 2.00 0.00	28.85 1.76 0.00	27.98 1.83 0.00	29.33 1.79 0.00
HUDSON AVE_GT_4 23540	18.49 1.27 0.00	20.15 1.38 0.00	20.33 1.26 0.00	21.73 1.23 0.00	23.49 1.38 0.00	25.89 1.64 0.00	66.22 4.50 0.00	34.74 2.49 0.00	21.90 1.67 0.00	18.38 1.40 -0.71	23.02 1.53 -3.22	20.29 1.64 0.00	21.36 1.73 0.00	21.22 1.65 0.00	16.35 1.22 -0.23	16.83 1.08 -2.26	20.47 1.51 0.00	24.85 1.84 0.00	50.13 3.53 0.00	101.31 6.61 0.00	30.71 2.00 0.00	28.85 1.76 0.00	27.98 1.83 0.00	29.33 1.79 0.00
HUDSON AVE_GT_5 23657	18.49 1.27 0.00	20.15 1.38 0.00	20.33 1.26 0.00	21.73 1.23 0.00	23.49 1.38 0.00	25.89 1.64 0.00	66.22 4.50 0.00	34.74 2.49 0.00	21.90 1.67 0.00	18.38 1.40 -0.71	23.02 1.53 -3.22	20.29 1.64 0.00	21.36 1.73 0.00	21.22 1.65 0.00	16.35 1.22 -0.23	16.83 1.08 -2.26	20.47 1.51 0.00	24.85 1.84 0.00	50.13 3.53 0.00	101.31 6.61 0.00	30.71 2.00 0.00	28.85 1.76 0.00	27.98 1.83 0.00	29.33 1.79 0.00
HUDSON_AVE_10 24168	18.45 1.24 0.00	20.11 1.34 0.00	20.29 1.21 0.00	21.67 1.17 0.00	23.42 1.31 0.00	25.82 1.57 0.00	66.07 4.35 0.00	34.66 2.41 0.00	21.85 1.61 0.00	18.34 1.36 -0.71	22.98 1.49 -3.22	20.25 1.60 0.00	21.32 1.69 0.00	21.18 1.61 0.00	16.32 1.19 -0.23	16.80 1.06 -2.26	20.44 1.48 0.00	24.78 1.78 0.00	50.02 3.43 0.00	101.10 6.40 0.00	30.64 1.93 0.00	28.78 1.69 0.00	27.91 1.76 0.00	29.25 1.70 0.00
HUDSON___115KV_TB 4 355613	18.03 0.81 0.00	19.64 0.87 0.00	19.92 0.84 0.00	21.41 0.91 0.00	23.13 1.02 0.00	25.45 1.20 0.00	65.25 3.53 0.00	34.14 1.90 0.00	21.34 1.10 0.00	17.10 0.83 0.00	19.19 0.91 0.00	19.65 1.00 0.00	20.66 1.03 0.00	20.55 0.98 0.00	15.64 0.75 0.00	14.16 0.67 0.00	20.01 1.05 0.00	24.44 1.44 0.00	49.63 3.03 0.00	100.43 5.74 0.00	30.45 1.74 0.00	28.61 1.52 0.00	27.55 1.40 0.00	28.88 1.34 0.00
HUNTER MOUNT___DRP 323613	18.09 0.87 0.00	19.70 0.93 0.00	20.00 0.93 0.00	21.51 1.01 0.00	23.24 1.12 0.00	25.59 1.34 0.00	65.63 3.91 0.00	34.34 2.09 0.00	21.44 1.21 0.00	17.16 0.89 0.00	19.27 0.99 0.00	19.72 1.07 0.00	20.71 1.07 0.00	20.59 1.02 0.00	15.69 0.79 0.00	14.21 0.73 0.00	20.10 1.14 0.00	24.60 1.60 0.00	50.01 3.41 0.00	101.20 6.50 0.00	30.67 1.96 0.00	28.81 1.72 0.00	27.72 1.56 0.00	29.05 1.50 0.00
HUNTINGTON_RES_REC 323705	18.68 1.47 0.00	20.34 1.57 0.00	20.54 1.46 0.00	21.95 1.44 0.00	23.84 1.72 0.00	26.15 1.90 0.00	66.66 4.94 0.00	35.12 2.88 0.00	25.82 2.01 -3.57	23.96 1.64 -6.05	23.39 1.76 -3.34	20.52 1.87 0.00	21.61 1.97 0.00	21.41 1.83 0.00	16.48 1.35 -0.23	16.95 1.18 -2.28	20.63 1.67 0.00	25.07 2.07 0.00	50.67 4.07 0.00	102.32 7.62 0.00	30.91 2.20 0.00	29.17 2.08 0.00	28.19 2.04 0.00	29.49 1.94 0.00
HUNTLEY___63 23557	16.29 -0.93 0.00	17.61 -1.16 0.00	17.97 -1.11 0.00	19.42 -1.08 0.00	20.86 -1.25 0.00	22.87 -1.38 0.00	57.07 -4.65 0.00	29.30 -2.94 0.00	18.50 -1.73 0.00	14.87 -1.40 0.00	16.99 -1.29 0.00	17.05 -1.60 0.00	17.96 -1.68 0.00	17.95 -1.62 0.00	13.63 -1.27 0.00	12.29 -1.19 0.00	17.24 -1.72 0.00	21.03 -1.97 0.00	43.04 -3.56 0.00	88.18 -6.52 0.00	26.37 -2.35 0.00	25.15 -1.94 0.00	24.27 -1.88 0.00	25.86 -1.69 0.00
HUNTLEY___64 23558	16.29 -0.93 0.00	17.61 -1.16 0.00	17.97 -1.11 0.00	19.42 -1.08 0.00	20.86 -1.25 0.00	22.87 -1.38 0.00	57.07 -4.65 0.00	29.30 -2.94 0.00	18.50 -1.73 0.00	14.87 -1.40 0.00	16.99 -1.29 0.00	17.05 -1.60 0.00	17.96 -1.68 0.00	17.95 -1.62 0.00	13.63 -1.27 0.00	12.29 -1.19 0.00	17.24 -1.72 0.00	21.03 -1.97 0.00	43.04 -3.56 0.00	88.18 -6.52 0.00	26.37 -2.35 0.00	25.15 -1.94 0.00	24.27 -1.88 0.00	25.86 -1.69 0.00
HUNTLEY___65 23559	16.29 -0.93 0.00	17.61 -1.16 0.00	17.97 -1.11 0.00	19.42 -1.08 0.00	20.86 -1.25 0.00	22.87 -1.38 0.00	57.07 -4.65 0.00	29.30 -2.94 0.00	18.50 -1.73 0.00	14.87 -1.40 0.00	16.99 -1.29 0.00	17.05 -1.60 0.00	17.96 -1.68 0.00	17.95 -1.62 0.00	13.63 -1.27 0.00	12.29 -1.19 0.00	17.24 -1.72 0.00	21.03 -1.97 0.00	43.04 -3.56 0.00	88.18 -6.52 0.00	26.37 -2.35 0.00	25.15 -1.94 0.00	24.27 -1.88 0.00	25.86 -1.69 0.00
HUNTLEY___66 23560	16.29 -0.93 0.00	17.61 -1.16 0.00	17.97 -1.11 0.00	19.42 -1.08 0.00	20.86 -1.25 0.00	22.87 -1.38 0.00	57.07 -4.65 0.00	29.30 -2.94 0.00	18.50 -1.73 0.00	14.87 -1.40 0.00	16.99 -1.29 0.00	17.05 -1.60 0.00	17.96 -1.68 0.00	17.95 -1.62 0.00	13.63 -1.27 0.00	12.29 -1.19 0.00	17.24 -1.72 0.00	21.03 -1.97 0.00	43.04 -3.56 0.00	88.18 -6.52 0.00	26.37 -2.35 0.00	25.15 -1.94 0.00	24.27 -1.88 0.00	25.86 -1.69 0.00
HUNTLEY___67 23561	16.18 -1.04 0.00	17.50 -1.27 0.00	17.86 -1.22 0.00	19.32 -1.18 0.00	20.76 -1.35 0.00	22.76 -1.49 0.00	56.99 -4.72 0.00	29.34 -2.91 0.00	18.54 -1.70 0.00	14.88 -1.39 0.00	16.94 -1.35 0.00	17.03 -1.61 0.00	17.96 -1.68 0.00	17.92 -1.65 0.00	13.59 -1.31 0.00	12.27 -1.21 0.00	17.21 -1.76 0.00	20.97 -2.04 0.00	42.90 -3.70 0.00	87.91 -6.79 0.00	26.29 -2.42 0.00	25.07 -2.02 0.00	24.18 -1.97 0.00	25.75 -1.79 0.00
HUNTLEY___68 23562	16.18 -1.04 0.00	17.50 -1.27 0.00	17.86 -1.22 0.00	19.32 -1.18 0.00	20.76 -1.35 0.00	22.76 -1.49 0.00	56.99 -4.72 0.00	29.34 -2.91 0.00	18.54 -1.70 0.00	14.88 -1.39 0.00	16.94 -1.35 0.00	17.03 -1.61 0.00	17.96 -1.68 0.00	17.92 -1.65 0.00	13.59 -1.31 0.00	12.27 -1.21 0.00	17.21 -1.76 0.00	20.97 -2.04 0.00	42.90 -3.70 0.00	87.91 -6.79 0.00	26.29 -2.42 0.00	25.07 -2.02 0.00	24.18 -1.97 0.00	25.75 -1.79 0.00

HYLAND___LFGE 323620	17.33 0.11 0.00	19.00 0.23 0.00	19.22 0.14 0.00	20.77 0.27 0.00	22.58 0.47 0.00	24.85 0.60 0.00	63.27 1.55 0.00	32.74 0.49 0.00	20.49 0.25 0.00	16.14 -0.13 0.00	17.88 -0.41 0.00	18.28 -0.37 0.00	19.10 -0.54 0.00	18.54 -1.04 0.00	13.59 -1.31 0.00	12.20 -1.28 0.00	16.61 -2.35 0.00	20.90 -2.10 0.00	44.51 -2.09 0.00	90.50 -4.20 0.00	29.46 0.75 0.00	27.87 0.78 0.00	26.81 0.66 0.00	28.36 0.82 0.00
INDECK___CORINTH 23802	18.01 0.79 0.00	19.64 0.87 0.00	19.91 0.83 0.00	21.52 1.02 0.00	23.27 1.16 0.00	25.76 1.51 0.00	66.28 4.57 0.00	34.70 2.46 0.00	21.56 1.33 0.00	17.17 0.90 0.00	19.38 1.09 0.00	19.85 1.20 0.00	20.91 1.27 0.00	20.87 1.29 0.00	15.76 0.86 0.00	14.20 0.72 0.00	20.21 1.24 0.00	24.67 1.67 0.00	49.94 3.34 0.00	100.92 6.22 0.00	30.50 1.79 0.00	28.64 1.54 0.00	27.43 1.28 0.00	28.80 1.26 0.00
INDECK___ILION 23567	17.41 0.20 0.00	18.99 0.22 0.00	19.26 0.18 0.00	20.69 0.19 0.00	22.35 0.24 0.00	24.61 0.36 0.00	63.03 1.31 0.00	32.98 0.73 0.00	20.60 0.36 0.00	16.49 0.22 0.00	18.50 0.22 0.00	18.90 0.26 0.00	19.92 0.28 0.00	19.84 0.27 0.00	15.10 0.20 0.00	13.68 0.19 0.00	19.26 0.30 0.00	23.72 0.50 -0.22	47.69 1.09 0.00	96.57 1.87 0.00	29.29 0.57 0.00	27.54 0.45 0.00	26.50 0.35 0.00	27.86 0.32 0.00
INDECK___OLEAN 23982	17.20 -0.02 0.00	18.75 -0.02 0.00	19.10 0.02 0.00	20.61 0.11 0.00	22.21 0.09 0.00	24.25 0.00 0.00	60.68 -1.04 0.00	31.32 -0.92 0.00	19.76 -0.48 0.00	15.83 -0.44 0.00	18.02 -0.26 0.00	18.26 -0.38 0.00	19.35 -0.28 0.00	19.25 -0.33 0.00	14.50 -0.40 0.00	13.14 -0.34 0.00	18.35 -0.61 0.00	22.27 -0.74 0.00	45.58 -1.02 0.00	92.80 -1.90 0.00	27.79 -0.93 0.00	26.40 -0.69 0.00	25.66 -0.50 0.00	27.39 -0.15 0.00
INDECK___OSWEGO 23783	16.72 -0.50 0.00	18.22 -0.55 0.00	18.47 -0.61 0.00	19.84 -0.66 0.00	21.34 -0.77 0.00	23.33 -0.92 0.00	59.46 -2.26 0.00	31.05 -1.20 0.00	19.55 -0.68 0.00	15.75 -0.53 0.00	17.69 -0.59 0.00	17.99 -0.65 0.00	18.93 -0.71 0.00	18.86 -0.71 0.00	14.36 -0.54 0.00	13.00 -0.48 0.00	18.27 -0.69 0.00	21.89 -0.86 0.26	44.96 -1.64 0.00	91.28 -3.42 0.00	27.62 -1.09 0.00	26.07 -1.02 0.00	25.21 -0.94 0.00	26.58 -0.97 0.00
INDECK___YERKES 23781	16.31 -0.91 0.00	17.63 -1.14 0.00	17.99 -1.09 0.00	19.45 -1.05 0.00	20.88 -1.23 0.00	22.88 -1.37 0.00	57.06 -4.67 0.00	29.30 -2.95 0.00	18.50 -1.73 0.00	14.88 -1.39 0.00	17.02 -1.26 0.00	17.06 -1.59 0.00	17.98 -1.66 0.00	17.98 -1.59 0.00	13.66 -1.24 0.00	12.32 -1.17 0.00	17.27 -1.70 0.00	21.07 -1.93 0.00	43.09 -3.51 0.00	88.26 -6.44 0.00	26.40 -2.32 0.00	25.16 -1.93 0.00	24.29 -1.86 0.00	25.89 -1.65 0.00
INDIAN POINT_GT_1 24139	18.31 1.09 0.00	19.97 1.20 0.00	20.18 1.10 0.00	21.59 1.09 0.00	23.34 1.23 0.00	25.72 1.47 0.00	65.77 4.06 0.00	34.48 2.23 0.00	21.69 1.46 0.00	18.32 1.18 -0.87	23.51 1.27 -3.95	20.02 1.38 0.00	21.09 1.45 0.00	20.99 1.41 0.00	16.19 1.01 -0.28	17.14 0.89 -2.77	20.24 1.28 0.00	24.60 1.60 0.00	49.74 3.14 0.00	100.48 5.78 0.00	30.44 1.73 0.00	28.62 1.53 0.00	27.75 1.59 0.00	29.10 1.56 0.00
INDIAN POINT_GT_2 23659	18.31 1.09 0.00	19.97 1.20 0.00	20.18 1.10 0.00	21.59 1.09 0.00	23.34 1.23 0.00	25.72 1.47 0.00	65.77 4.06 0.00	34.48 2.23 0.00	21.69 1.46 0.00	18.32 1.18 -0.87	23.51 1.27 -3.95	20.02 1.38 0.00	21.09 1.45 0.00	20.99 1.41 0.00	16.19 1.01 -0.28	17.14 0.89 -2.77	20.24 1.28 0.00	24.60 1.60 0.00	49.74 3.14 0.00	100.48 5.78 0.00	30.44 1.73 0.00	28.62 1.53 0.00	27.75 1.59 0.00	29.10 1.56 0.00
INDIAN POINT_GT_3 24019	18.31 1.09 0.00	19.97 1.20 0.00	20.18 1.10 0.00	21.59 1.09 0.00	23.34 1.23 0.00	25.72 1.47 0.00	65.77 4.06 0.00	34.48 2.23 0.00	21.69 1.46 0.00	18.32 1.18 -0.87	23.51 1.27 -3.95	20.02 1.38 0.00	21.09 1.45 0.00	20.99 1.41 0.00	16.19 1.01 -0.28	17.14 0.89 -2.77	20.24 1.28 0.00	24.60 1.60 0.00	49.74 3.14 0.00	100.48 5.78 0.00	30.44 1.73 0.00	28.62 1.53 0.00	27.75 1.59 0.00	29.10 1.56 0.00
INDIAN POINT___2 23530	18.29 1.08 0.00	19.96 1.19 0.00	20.16 1.09 0.00	21.58 1.08 0.00	23.33 1.22 0.00	25.70 1.45 0.00	65.72 4.00 0.00	34.44 2.20 0.00	21.67 1.44 0.00	18.49 1.15 -1.07	24.36 1.24 -4.84	19.99 1.35 0.00	21.07 1.43 0.00	20.96 1.38 0.00	16.23 0.99 -0.34	17.74 0.87 -3.38	20.20 1.24 0.00	24.56 1.56 0.00	49.64 3.05 0.00	100.30 5.60 0.00	30.39 1.68 0.00	28.57 1.48 0.00	27.71 1.56 0.00	29.07 1.52 0.00
INDIAN POINT___3 23531	18.30 1.08 0.00	19.96 1.19 0.00	20.17 1.09 0.00	21.59 1.08 0.00	23.34 1.23 0.00	25.71 1.46 0.00	65.73 4.02 0.00	34.45 2.20 0.00	21.67 1.44 0.00	18.29 1.16 -0.87	23.46 1.25 -3.93	20.00 1.35 0.00	21.07 1.44 0.00	20.97 1.39 0.00	16.18 1.00 -0.28	17.11 0.87 -2.75	20.21 1.25 0.00	24.57 1.57 0.00	49.67 3.07 0.00	100.36 5.66 0.00	30.40 1.68 0.00	28.58 1.49 0.00	27.72 1.57 0.00	29.08 1.54 0.00
INGHAM_C_115KV_TB7 356103	17.37 0.15 0.00	18.96 0.19 0.00	19.19 0.11 0.00	20.61 0.10 0.00	22.29 0.18 0.00	24.66 0.41 0.00	63.51 1.80 0.00	33.27 1.02 0.00	20.65 0.41 0.00	16.45 0.18 0.00	18.43 0.14 0.00	18.88 0.23 0.00	19.90 0.26 0.00	19.80 0.22 0.00	15.06 0.16 0.00	13.65 0.17 0.00	19.29 0.33 0.00	23.89 0.67 -0.22	48.15 1.56 0.00	97.20 2.50 0.00	29.50 0.78 0.00	27.63 0.54 0.00	26.51 0.36 0.00	27.82 0.28 0.00
IP CORINTH___1 23988	18.01 0.79 0.00	19.64 0.87 0.00	19.91 0.83 0.00	21.52 1.02 0.00	23.27 1.16 0.00	25.76 1.51 0.00	66.29 4.57 0.00	34.70 2.45 0.00	21.56 1.33 0.00	17.18 0.90 0.00	19.38 1.09 0.00	19.85 1.20 0.00	20.91 1.27 0.00	20.87 1.29 0.00	15.76 0.86 0.00	14.20 0.72 0.00	20.21 1.24 0.00	24.67 1.67 0.00	49.94 3.34 0.00	100.93 6.23 0.00	30.50 1.79 0.00	28.63 1.54 0.00	27.43 1.28 0.00	28.80 1.25 0.00
IP___TICONDEROGA 23804	18.32 1.10 0.00	19.96 1.19 0.00	20.22 1.14 0.00	21.96 1.46 0.00	23.77 1.66 0.00	26.65 2.40 0.00	69.17 7.45 0.00	36.29 4.04 0.00	22.32 2.09 0.00	17.58 1.31 0.00	20.03 1.75 0.00	20.63 1.98 0.00	21.89 2.26 0.00	21.77 2.19 0.00	16.34 1.44 0.00	14.74 1.26 0.00	21.24 2.28 0.00	26.01 3.01 0.00	52.48 5.88 0.00	105.64 10.95 0.00	31.76 3.04 0.00	29.78 2.69 0.00	28.35 2.20 0.00	29.66 2.12 0.00
ISLIP_RES_REC 323679	18.82 1.60 0.00	20.48 1.72 0.00	20.70 1.62 0.00	22.10 1.60 0.00	24.01 1.90 0.00	26.31 2.06 0.00	67.07 5.35 0.00	35.42 3.17 0.00	26.01 2.21 -3.57	24.14 1.82 -6.05	23.59 1.97 -3.34	20.72 2.07 0.00	21.81 2.17 0.00	21.60 2.02 0.00	16.62 1.49 -0.23	17.07 1.30 -2.28	20.78 1.82 0.00	25.27 2.26 0.00	51.07 4.47 0.00	103.17 8.47 0.00	31.11 2.40 0.00	29.37 2.28 0.00	28.32 2.17 0.00	29.60 2.05 0.00

JAMAICA__27_KV_LOAD 355505	18.59 1.38 0.00	20.28 1.51 0.00	20.44 1.36 0.00	21.80 1.30 0.00	23.54 1.43 0.00	25.99 1.74 0.00	66.58 4.86 0.00	34.92 2.68 0.00	22.00 1.76 0.00	18.50 1.52 -0.71	23.15 1.65 -3.22	20.43 1.79 0.00	21.51 1.87 0.00	21.36 1.78 0.00	16.47 1.35 -0.23	16.95 1.21 -2.26	20.65 1.69 0.00	24.99 1.99 0.00	50.49 3.89 0.00	102.06 7.36 0.00	30.91 2.20 0.00	29.01 1.92 0.00	28.15 2.00 0.00	29.51 1.96 0.00
JANIS__SOLAR 323808	17.66 0.45 0.00	19.41 0.64 0.00	19.59 0.51 0.00	21.10 0.60 0.00	22.89 0.78 0.00	25.05 0.80 0.00	64.44 2.72 0.00	33.68 1.43 0.00	21.11 0.88 0.00	16.85 0.58 0.00	18.73 0.45 0.00	19.04 0.39 0.00	19.94 0.30 0.00	19.86 0.28 0.00	15.09 0.20 0.00	13.71 0.23 0.00	19.51 0.55 0.00	24.01 1.01 0.00	49.10 2.50 0.00	99.69 4.99 0.00	30.23 1.52 0.00	28.43 1.34 0.00	27.45 1.30 0.00	29.01 1.46 0.00
JARVIS____ 23743	17.37 0.16 0.00	18.95 0.18 0.00	19.23 0.15 0.00	20.66 0.16 0.00	22.30 0.19 0.00	24.48 0.23 0.00	62.42 0.70 0.00	32.63 0.39 0.00	20.47 0.23 0.00	16.44 0.16 0.00	18.46 0.18 0.00	18.83 0.19 0.00	19.85 0.21 0.00	19.77 0.20 0.00	15.05 0.15 0.00	13.62 0.14 0.00	19.14 0.18 0.00	23.46 0.24 -0.22	47.11 0.51 0.00	95.58 0.88 0.00	28.99 0.27 0.00	27.33 0.24 0.00	26.37 0.22 0.00	27.75 0.21 0.00
JENNISON____1 23625	17.38 0.16 0.00	19.41 0.64 0.00	19.41 0.33 0.00	20.90 0.40 0.00	22.88 0.76 0.00	24.67 0.42 0.00	63.47 1.75 0.00	33.31 1.07 0.00	20.97 0.74 0.00	16.75 0.48 0.00	18.73 0.44 0.00	18.94 0.30 0.00	19.88 0.25 0.00	19.82 0.24 0.00	14.99 0.09 0.00	13.63 0.15 0.00	19.35 0.39 0.00	23.75 0.75 0.00	48.46 1.86 0.00	98.10 3.40 0.00	29.79 1.07 0.00	27.86 0.77 0.00	27.08 0.93 0.00	28.95 1.40 0.00
JENNISON____2 23626	17.38 0.16 0.00	19.41 0.64 0.00	19.41 0.33 0.00	20.90 0.40 0.00	22.88 0.76 0.00	24.67 0.42 0.00	63.47 1.75 0.00	33.31 1.07 0.00	20.97 0.74 0.00	16.75 0.48 0.00	18.73 0.44 0.00	18.94 0.30 0.00	19.88 0.25 0.00	19.82 0.24 0.00	14.99 0.09 0.00	13.63 0.15 0.00	19.35 0.39 0.00	23.75 0.75 0.00	48.46 1.86 0.00	98.10 3.40 0.00	29.79 1.07 0.00	27.86 0.77 0.00	27.08 0.93 0.00	28.95 1.40 0.00
JERICO_RISE_WT_PWR 323719	-23.90 -0.78 40.34	-24.01 -0.83 41.95	-24.01 -0.75 42.34	-24.08 -0.76 43.82	-16.61 -0.78 37.93	23.54 -0.72 0.00	7.53 -2.42 51.77	-24.96 -1.21 55.99	-24.12 -0.83 43.52	-25.04 -0.67 40.64	-23.97 -0.81 41.44	-24.02 -0.85 41.82	-24.10 -0.84 42.86	-24.08 -0.62 42.82	-23.73 -0.62 38.00	-23.62 -0.56 36.54	-24.01 -0.85 42.13	-24.34 -1.06 46.28	7.87 -2.12 36.61	91.70 -3.00 0.00	28.10 -0.62 0.00	26.86 -0.23 0.00	26.11 -0.05 0.00	27.68 0.13 0.00
KATONAH__115KV_46KV_TB4 355592	18.39 1.18 0.00	20.05 1.28 0.00	20.26 1.18 0.00	21.69 1.19 0.00	23.47 1.36 0.00	25.87 1.63 0.00	66.22 4.50 0.00	34.74 2.49 0.00	21.84 1.61 0.00	17.98 1.29 -0.41	21.58 1.43 -1.87	20.17 1.53 0.00	21.25 1.62 0.00	21.14 1.57 0.00	16.17 1.14 -0.13	15.82 1.01 -1.32	20.42 1.46 0.00	24.84 1.84 0.00	50.25 3.65 0.00	101.52 6.82 0.00	30.75 2.04 0.00	28.90 1.81 0.00	27.97 1.82 0.00	29.32 1.77 0.00
KCE_NY_1 323755	18.07 0.85 0.00	19.68 0.91 0.00	19.94 0.86 0.00	21.46 0.96 0.00	23.20 1.09 0.00	25.57 1.32 0.00	65.67 3.95 0.00	34.30 2.05 0.00	21.36 1.12 0.00	17.08 0.81 0.00	19.24 0.95 0.00	19.67 1.03 0.00	20.77 1.13 0.00	20.70 1.13 0.00	15.70 0.81 0.00	14.20 0.71 0.00	20.11 1.15 0.00	24.52 1.51 0.00	49.62 3.02 0.00	100.43 5.73 0.00	30.37 1.65 0.00	28.57 1.48 0.00	27.48 1.33 0.00	28.83 1.29 0.00
KCE_NY_6_ESR 323823	16.38 -0.83 0.00	17.74 -1.03 0.00	18.10 -0.98 0.00	19.58 -0.92 0.00	21.05 -1.07 0.00	23.09 -1.16 0.00	57.91 -3.81 0.00	29.80 -2.44 0.00	18.85 -1.39 0.00	15.13 -1.15 0.00	17.21 -1.08 0.00	17.29 -1.35 0.00	18.25 -1.38 0.00	18.21 -1.36 0.00	13.79 -1.11 0.00	12.47 -1.02 0.00	17.48 -1.48 0.00	21.32 -1.68 0.00	43.66 -2.94 0.00	89.53 -5.17 0.00	26.76 -1.96 0.00	25.52 -1.57 0.00	24.59 -1.56 0.00	26.19 -1.36 0.00
KEDC_PORT_JEFF_GT2 24210	18.74 1.52 0.00	20.39 1.62 0.00	20.60 1.53 0.00	22.00 1.49 0.00	23.89 1.78 0.00	26.18 1.93 0.00	66.70 4.98 0.00	35.21 2.97 0.00	25.88 2.08 -3.57	24.04 1.72 -6.05	23.48 1.86 -3.34	20.61 1.96 0.00	21.70 2.07 0.00	21.49 1.91 0.00	16.54 1.41 -0.23	16.99 1.22 -2.28	20.66 1.70 0.00	25.09 2.09 0.00	50.61 4.02 0.00	102.41 7.72 0.00	30.92 2.20 0.00	29.20 2.11 0.00	28.17 2.02 0.00	29.46 1.91 0.00
KEDC_PORT_JEFF_GT3 24211	18.74 1.52 0.00	20.39 1.62 0.00	20.60 1.53 0.00	22.00 1.49 0.00	23.89 1.78 0.00	26.18 1.93 0.00	66.70 4.98 0.00	35.21 2.97 0.00	25.88 2.08 -3.57	24.04 1.72 -6.05	23.48 1.86 -3.34	20.61 1.96 0.00	21.70 2.07 0.00	21.49 1.91 0.00	16.54 1.41 -0.23	16.99 1.22 -2.28	20.66 1.70 0.00	25.09 2.09 0.00	50.61 4.02 0.00	102.41 7.72 0.00	30.92 2.20 0.00	29.20 2.11 0.00	28.17 2.02 0.00	29.46 1.91 0.00
KEDC_GLWD_GT4 24219	18.69 1.47 0.00	20.35 1.58 0.00	20.55 1.48 0.00	21.98 1.48 0.00	23.83 1.71 0.00	26.22 1.97 0.00	66.93 5.21 0.00	35.20 2.96 0.00	25.81 2.00 -3.57	23.95 1.63 -6.05	23.42 1.79 -3.34	20.53 1.89 0.00	21.63 1.99 0.00	21.48 1.90 0.00	16.52 1.39 -0.23	17.00 1.24 -2.28	20.69 1.73 0.00	25.05 2.05 0.00	50.45 3.85 0.00	101.78 7.08 0.00	30.92 2.20 0.00	29.25 2.16 0.00	28.31 2.16 0.00	29.65 2.10 0.00
KEDC_GLWD_GT5 24220	18.69 1.47 0.00	20.35 1.58 0.00	20.55 1.48 0.00	21.98 1.48 0.00	23.83 1.71 0.00	26.22 1.97 0.00	66.93 5.21 0.00	35.20 2.96 0.00	25.81 2.00 -3.57	23.95 1.63 -6.05	23.42 1.79 -3.34	20.53 1.89 0.00	21.63 1.99 0.00	21.48 1.90 0.00	16.52 1.39 -0.23	17.00 1.24 -2.28	20.69 1.73 0.00	25.05 2.05 0.00	50.45 3.85 0.00	101.78 7.08 0.00	30.92 2.20 0.00	29.25 2.16 0.00	28.31 2.16 0.00	29.65 2.10 0.00
KENSICO____ 23655	18.35 1.13 0.00	20.01 1.25 0.00	20.22 1.14 0.00	21.63 1.13 0.00	23.39 1.28 0.00	25.77 1.52 0.00	65.90 4.19 0.00	34.56 2.31 0.00	21.75 1.52 0.00	18.27 1.23 -0.76	23.10 1.35 -3.46	20.10 1.45 0.00	21.17 1.53 0.00	21.06 1.48 0.00	16.22 1.07 -0.25	16.86 0.95 -2.43	20.31 1.35 0.00	24.68 1.68 0.00	49.88 3.28 0.00	100.77 6.07 0.00	30.54 1.82 0.00	28.71 1.62 0.00	27.82 1.67 0.00	29.18 1.63 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.40 1.18 0.00	20.06 1.29 0.00	20.28 1.21 0.00	21.74 1.24 0.00	23.52 1.40 0.00	25.93 1.68 0.00	66.40 4.69 0.00	34.80 2.55 0.00	21.83 1.59 0.00	17.37 1.23 0.13	19.00 1.31 0.59	20.02 1.38 0.00	21.14 1.50 0.00	20.96 1.38 0.00	15.89 1.03 0.04	14.04 0.92 0.36	20.37 1.41 0.00	24.91 1.91 0.00	50.55 3.95 0.00	102.25 7.55 0.00	30.95 2.23 0.00	29.07 1.98 0.00	28.12 1.97 0.00	29.48 1.93 0.00

LI_NEWBRDGE___DRP 323616	18.52 1.31 0.00	20.18 1.41 0.00	20.38 1.30 0.00	21.78 1.28 0.00	23.62 1.50 0.00	25.97 1.72 0.00	66.23 4.51 0.00	34.84 2.59 0.00	25.59 1.78 -3.57	23.78 1.46 -6.05	23.21 1.59 -3.34	20.33 1.69 0.00	21.42 1.78 0.00	21.26 1.68 0.00	16.36 1.23 -0.23	16.85 1.09 -2.28	20.47 1.51 0.00	24.87 1.86 0.00	50.22 3.62 0.00	101.37 6.67 0.00	30.67 1.95 0.00	28.94 1.85 0.00	28.01 1.85 0.00	29.33 1.79 0.00
LOCKPORT_115KV_TB60_63_64 80432	16.14 -1.08 0.00	17.43 -1.33 0.00	17.80 -1.28 0.00	19.25 -1.25 0.00	20.68 -1.43 0.00	22.68 -1.57 0.00	56.74 -4.98 0.00	29.21 -3.04 0.00	18.44 -1.80 0.00	14.81 -1.46 0.00	16.85 -1.43 0.00	16.91 -1.73 0.00	17.79 -1.85 0.00	17.74 -1.84 0.00	13.48 -1.41 0.00	12.17 -1.32 0.00	17.05 -1.91 0.00	20.77 -2.23 0.00	42.50 -4.10 0.00	87.09 -7.61 0.00	26.05 -2.67 0.00	24.85 -2.24 0.00	24.06 -2.10 0.00	25.65 -1.90 0.00
LOCKPORT___CC1 323769	16.12 -1.09 0.00	17.42 -1.35 0.00	17.78 -1.29 0.00	19.23 -1.27 0.00	20.66 -1.45 0.00	22.66 -1.59 0.00	56.68 -5.04 0.00	29.17 -3.08 0.00	18.43 -1.80 0.00	14.81 -1.46 0.00	16.85 -1.44 0.00	16.89 -1.75 0.00	17.77 -1.87 0.00	17.71 -1.87 0.00	13.45 -1.45 0.00	12.15 -1.33 0.00	17.00 -1.96 0.00	20.70 -2.30 0.00	42.34 -4.26 0.00	86.76 -7.94 0.00	25.95 -2.76 0.00	24.76 -2.33 0.00	24.01 -2.15 0.00	25.63 -1.92 0.00
LOCKPORT___CC2 323770	16.12 -1.09 0.00	17.42 -1.35 0.00	17.78 -1.29 0.00	19.23 -1.27 0.00	20.66 -1.45 0.00	22.66 -1.59 0.00	56.68 -5.04 0.00	29.17 -3.08 0.00	18.43 -1.80 0.00	14.81 -1.46 0.00	16.85 -1.44 0.00	16.89 -1.75 0.00	17.77 -1.87 0.00	17.71 -1.87 0.00	13.45 -1.45 0.00	12.15 -1.33 0.00	17.00 -1.96 0.00	20.70 -2.30 0.00	42.34 -4.26 0.00	86.76 -7.94 0.00	25.95 -2.76 0.00	24.76 -2.33 0.00	24.01 -2.15 0.00	25.63 -1.92 0.00
LOCKPORT___CC3 323771	16.12 -1.09 0.00	17.42 -1.35 0.00	17.78 -1.29 0.00	19.23 -1.27 0.00	20.66 -1.45 0.00	22.66 -1.59 0.00	56.68 -5.04 0.00	29.17 -3.08 0.00	18.43 -1.80 0.00	14.81 -1.46 0.00	16.85 -1.44 0.00	16.89 -1.75 0.00	17.77 -1.87 0.00	17.71 -1.87 0.00	13.45 -1.45 0.00	12.15 -1.33 0.00	17.00 -1.96 0.00	20.70 -2.30 0.00	42.34 -4.26 0.00	86.76 -7.94 0.00	25.95 -2.76 0.00	24.76 -2.33 0.00	24.01 -2.15 0.00	25.63 -1.92 0.00
LONG_LAKE_PHOENIX 24014	16.79 -0.43 0.00	18.28 -0.49 0.00	18.55 -0.53 0.00	19.94 -0.57 0.00	21.44 -0.67 0.00	23.47 -0.78 0.00	59.77 -1.94 0.00	31.18 -1.06 0.00	19.65 -0.58 0.00	15.85 -0.42 0.00	17.82 -0.46 0.00	18.12 -0.52 0.00	19.08 -0.56 0.00	19.00 -0.57 0.00	14.46 -0.43 0.00	13.09 -0.39 0.00	18.39 -0.57 0.00	22.13 -0.71 0.16	45.24 -1.36 0.00	91.78 -2.92 0.00	27.76 -0.96 0.00	26.20 -0.89 0.00	25.30 -0.85 0.00	26.66 -0.88 0.00
LOVETT___3 23632	18.28 1.07 0.00	19.95 1.18 0.00	20.17 1.09 0.00	21.59 1.08 0.00	23.34 1.23 0.00	25.70 1.45 0.00	65.70 3.98 0.00	34.41 2.16 0.00	21.64 1.41 0.00	16.43 1.12 0.96	15.15 1.21 4.34	19.96 1.31 0.00	21.03 1.40 0.00	20.93 1.35 0.00	15.55 0.96 0.30	11.31 0.83 3.00	20.14 1.18 0.00	24.49 1.49 0.00	49.52 2.92 0.00	100.04 5.34 0.00	30.31 1.59 0.00	28.49 1.40 0.00	27.67 1.52 0.00	29.05 1.50 0.00
LOVETT___4 23642	18.28 1.07 0.00	19.95 1.18 0.00	20.17 1.09 0.00	21.59 1.08 0.00	23.34 1.23 0.00	25.70 1.45 0.00	65.70 3.98 0.00	34.41 2.16 0.00	21.64 1.41 0.00	16.43 1.12 0.96	15.15 1.21 4.34	19.96 1.31 0.00	21.03 1.40 0.00	20.93 1.35 0.00	15.55 0.96 0.30	11.31 0.83 3.00	20.14 1.18 0.00	24.49 1.49 0.00	49.52 2.92 0.00	100.04 5.34 0.00	30.31 1.59 0.00	28.49 1.40 0.00	27.67 1.52 0.00	29.05 1.50 0.00
LOVETT___5 23593	18.28 1.07 0.00	19.95 1.18 0.00	20.17 1.09 0.00	21.59 1.08 0.00	23.34 1.23 0.00	25.70 1.45 0.00	65.70 3.98 0.00	34.41 2.16 0.00	21.64 1.41 0.00	16.43 1.12 0.96	15.15 1.21 4.34	19.96 1.31 0.00	21.03 1.40 0.00	20.93 1.35 0.00	15.55 0.96 0.30	11.31 0.83 3.00	20.14 1.18 0.00	24.49 1.49 0.00	49.52 2.92 0.00	100.04 5.34 0.00	30.31 1.59 0.00	28.49 1.40 0.00	27.67 1.52 0.00	29.05 1.50 0.00
LOWER RAQUET___HYD 24057	22.65 -0.41 -5.84	24.43 -0.42 -6.08	24.85 -0.36 -6.14	26.53 -0.31 -6.35	27.30 -0.31 -5.50	23.68 -0.57 0.00	67.47 -1.75 -7.50	39.48 -0.88 -8.11	25.88 -0.66 -6.31	21.59 -0.57 -5.89	23.66 -0.63 -6.00	24.05 -0.65 -6.06	25.10 -0.74 -6.21	25.12 -0.66 -6.21	19.91 -0.49 -5.50	18.35 -0.42 -5.29	24.32 -0.72 -6.08	27.73 -0.87 -5.60	50.16 -1.73 -5.29	92.16 -2.54 0.00	28.07 -0.65 0.00	26.70 -0.39 0.00	26.08 -0.07 0.00	27.61 0.06 0.00
LOWER___HUDSON 24059	17.90 0.68 0.00	19.50 0.73 0.00	19.76 0.68 0.00	21.23 0.73 0.00	22.92 0.81 0.00	25.21 0.96 0.00	64.59 2.87 0.00	33.79 1.54 0.00	21.08 0.85 0.00	16.89 0.62 0.00	19.01 0.73 0.00	19.47 0.82 0.00	20.53 0.89 0.00	20.47 0.90 0.00	15.57 0.64 -0.03	14.34 0.57 -0.29	19.85 0.88 0.00	24.11 1.11 0.00	48.78 2.18 0.00	98.72 4.02 0.00	29.97 1.26 0.00	28.19 1.10 0.00	27.18 1.02 0.00	28.51 0.96 0.00
LOWVILLE_115KV_TB2 356335	18.43 -0.49 -1.70	20.21 -0.33 -1.77	20.27 -0.60 -1.79	21.85 -0.50 -1.85	23.29 -0.42 -1.60	23.62 -0.62 0.00	63.01 -0.89 -2.18	34.27 -0.34 -2.36	21.79 -0.28 -1.83	17.60 -0.38 -1.72	19.49 -0.54 -1.75	19.74 -0.67 -1.76	20.68 -0.76 -1.81	20.60 -0.78 -1.81	15.92 -0.59 -1.61	14.62 -0.41 -1.54	20.14 -0.58 -1.76	28.40 -0.60 -6.00	47.20 -0.91 -1.52	93.49 -1.21 0.00	28.49 -0.23 0.00	27.01 -0.08 0.00	26.36 0.20 0.00	28.02 0.47 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.06 0.84 0.00	19.68 0.91 0.00	19.94 0.86 0.00	21.46 0.96 0.00	23.20 1.09 0.00	25.57 1.32 0.00	65.58 3.86 0.00	34.28 2.03 0.00	21.36 1.13 0.00	17.09 0.82 0.00	19.24 0.95 0.00	19.68 1.04 0.00	20.76 1.12 0.00	20.70 1.12 0.00	15.69 0.79 0.00	14.19 0.70 0.00	20.09 1.13 0.00	24.49 1.49 0.00	49.56 2.97 0.00	100.28 5.58 0.00	30.36 1.65 0.00	28.55 1.46 0.00	27.47 1.32 0.00	28.84 1.29 0.00
LUTHERNY_35_KV_BK2 355980	18.07 0.85 0.00	19.68 0.91 0.00	19.94 0.86 0.00	21.46 0.96 0.00	23.20 1.09 0.00	25.57 1.32 0.00	65.67 3.95 0.00	34.29 2.05 0.00	21.36 1.12 0.00	17.08 0.81 0.00	19.24 0.96 0.00	19.67 1.03 0.00	20.77 1.14 0.00	20.70 1.13 0.00	15.70 0.81 0.00	14.20 0.71 0.00	20.11 1.15 0.00	24.52 1.51 0.00	49.62 3.02 0.00	100.43 5.73 0.00	30.37 1.65 0.00	28.57 1.48 0.00	27.48 1.33 0.00	28.83 1.29 0.00
LWR___OSWEGATCHIE_HYD 23850	20.65 -0.55 -3.98	22.43 -0.48 -4.14	22.67 -0.58 -4.18	24.29 -0.54 -4.32	25.35 -0.51 -3.75	23.50 -0.75 0.00	65.12 -1.71 -5.11	36.97 -0.81 -5.53	23.92 -0.61 -4.29	19.69 -0.60 -4.01	21.66 -0.71 -4.09	21.97 -0.80 -4.13	22.95 -0.91 -4.23	22.93 -0.87 -4.23	18.00 -0.65 -3.75	16.57 -0.52 -3.60	22.28 -0.81 -4.13	24.65 -0.88 -2.53	48.59 -1.61 -3.59	92.24 -2.46 0.00	28.11 -0.61 0.00	26.67 -0.42 0.00	26.04 -0.11 0.00	27.62 0.07 0.00

LYONS_FALL_HYD 23570	18.25 -0.11 -1.14	19.97 0.01 -1.19	20.11 -0.17 -1.20	21.66 -0.09 -1.25	23.19 -0.01 -1.08	24.16 -0.09 0.00	63.50 0.32 -1.47	34.08 0.25 -1.59	21.60 0.13 -1.24	17.42 0.00 -1.16	19.39 -0.06 -1.18	19.67 -0.16 -1.19	20.65 -0.20 -1.22	20.56 -0.23 -1.22	15.81 -0.17 -1.08	14.45 -0.07 -1.04	20.04 -0.09 -1.17	24.25 -0.02 -1.27	47.78 0.17 -1.01	95.42 0.72 0.00	29.00 0.28 0.00	27.42 0.33 0.00	26.63 0.48 0.00	28.19 0.65 0.00
MADISON___COUNTY_LFGE 323628	17.58 0.36 0.00	19.20 0.43 0.00	19.46 0.38 0.00	20.94 0.43 0.00	22.60 0.49 0.00	24.81 0.56 0.00	63.47 1.75 0.00	33.20 0.95 0.00	20.87 0.63 0.00	16.76 0.49 0.00	18.81 0.53 0.00	19.12 0.48 0.00	20.13 0.50 0.00	20.05 0.47 0.00	15.24 0.34 0.00	13.82 0.34 0.00	19.48 0.51 0.00	24.12 0.68 -0.43	48.11 1.51 0.00	97.70 3.01 0.00	29.58 0.86 0.00	27.90 0.81 0.00	26.95 0.80 0.00	28.37 0.82 0.00
MALONE___115KV_TB1 356076	42.70 -0.45 -25.94	45.26 -0.47 -26.97	45.91 -0.39 -27.22	48.31 -0.36 -28.17	46.17 -0.34 -24.39	23.94 -0.31 0.00	93.75 -1.25 -33.28	67.73 -0.51 -36.00	47.82 -0.39 -27.98	42.07 -0.33 -26.13	44.51 -0.41 -26.64	45.09 -0.44 -26.89	46.73 -0.45 -27.55	46.70 -0.41 -27.53	39.01 -0.30 -24.41	36.68 -0.27 -23.46	45.55 -0.44 -27.03	51.34 -0.54 -28.87	69.04 -1.05 -23.49	93.88 -0.82 0.00	28.71 -0.01 0.00	27.38 0.29 0.00	26.63 0.48 0.00	28.20 0.65 0.00
MAPLEWOD_115KV_TB3 80458	17.84 0.63 0.00	19.44 0.68 0.00	19.70 0.62 0.00	21.15 0.66 0.00	22.84 0.72 0.00	25.11 0.85 0.00	64.26 2.54 0.00	33.63 1.38 0.00	21.02 0.78 0.00	16.89 0.62 0.00	19.01 0.72 0.00	19.44 0.79 0.00	20.50 0.86 0.00	20.44 0.86 0.00	15.58 0.65 -0.03	14.35 0.58 -0.29	19.83 0.87 0.00	24.07 1.06 0.00	48.69 2.10 0.00	98.54 3.84 0.00	29.91 1.19 0.00	28.12 1.03 0.00	27.13 0.97 0.00	28.44 0.89 0.00
MAPLE_RIDGE_WT_1 323574	16.73 -0.49 0.00	18.29 -0.48 0.00	18.63 -0.45 0.00	20.09 -0.41 0.00	21.75 -0.36 0.00	23.81 -0.44 0.00	60.71 -1.01 0.00	31.72 -0.53 0.00	19.76 -0.48 0.00	15.85 -0.42 0.00	17.75 -0.53 0.00	18.04 -0.61 0.00	18.99 -0.65 0.00	18.93 -0.65 0.00	14.43 -0.47 0.00	13.05 -0.44 0.00	18.31 -0.65 0.00	22.18 -0.83 0.00	45.07 -1.53 0.00	92.13 -2.56 0.00	28.02 -0.70 0.00	26.67 -0.42 0.00	25.95 -0.20 0.00	27.46 -0.08 0.00
MAPLE_RIDGE_WT_2 323611	16.73 -0.49 0.00	18.29 -0.48 0.00	18.63 -0.45 0.00	20.09 -0.41 0.00	21.75 -0.36 0.00	23.81 -0.44 0.00	60.71 -1.01 0.00	31.72 -0.53 0.00	19.76 -0.48 0.00	15.85 -0.42 0.00	17.75 -0.53 0.00	18.04 -0.61 0.00	18.99 -0.65 0.00	18.93 -0.65 0.00	14.43 -0.47 0.00	13.05 -0.44 0.00	18.31 -0.65 0.00	22.18 -0.83 0.00	45.07 -1.53 0.00	92.13 -2.56 0.00	28.02 -0.70 0.00	26.67 -0.42 0.00	25.95 -0.20 0.00	27.46 -0.08 0.00
MARBLE_RIVER_WT_PWR 323696	-21.00 -0.76 37.46	-21.00 -0.82 38.95	-21.00 -0.77 39.31	-21.00 -0.82 40.68	-13.97 -0.86 35.22	23.48 -0.77 0.00	11.14 -2.52 48.06	-21.00 -1.26 51.99	-21.00 -0.83 40.41	-22.11 -0.65 37.74	-21.00 -0.80 38.48	-21.00 -0.82 38.83	-21.00 -0.85 39.79	-21.00 -0.82 39.76	-21.00 -0.61 35.29	-21.00 -0.55 33.93	-21.00 -0.84 39.12	-21.00 -1.07 42.94	10.42 -2.19 33.99	91.52 -3.18 0.00	28.05 -0.67 0.00	26.81 -0.28 0.00	26.07 -0.08 0.00	27.64 0.10 0.00
MARSHVLE_115KV_TB1 80742	17.94 0.72 0.00	19.59 0.82 0.00	19.94 0.87 0.00	21.46 0.96 0.00	23.22 1.11 0.00	25.54 1.29 0.00	65.01 3.30 0.00	33.93 1.69 0.00	21.28 1.05 0.00	17.07 0.80 0.00	19.02 0.74 0.00	19.41 0.76 0.00	20.39 0.75 0.00	20.24 0.67 0.00	15.41 0.51 0.00	13.98 0.49 0.00	19.75 0.79 0.00	24.07 1.06 0.00	49.17 2.57 0.00	100.18 5.48 0.00	30.29 1.58 0.00	28.61 1.52 0.00	27.63 1.48 0.00	29.18 1.63 0.00
MARSH_HILL_WT_PWR 323713	16.18 -1.03 0.00	18.32 -0.45 0.00	18.25 -0.83 0.00	19.89 -0.61 0.00	21.96 -0.16 0.00	23.97 -0.28 0.00	60.23 -1.49 0.00	30.82 -1.43 0.00	19.31 -0.93 0.00	15.29 -0.98 0.00	17.26 -1.02 0.00	17.45 -1.19 0.00	18.50 -1.13 0.00	18.34 -1.23 0.00	13.69 -1.20 0.00	12.44 -1.04 0.00	17.49 -1.47 0.00	21.64 -1.36 0.00	44.93 -1.67 0.00	92.45 -2.25 0.00	28.33 -0.39 0.00	26.78 -0.32 0.00	26.13 -0.02 0.00	27.69 0.14 0.00
MCINTYRE_115KV_TB2 80467	21.82 0.03 -4.58	23.57 0.04 -4.76	24.03 0.15 -4.80	25.72 0.25 -4.97	26.72 0.30 -4.30	24.49 0.24 0.00	68.02 0.43 -5.87	38.82 0.23 -6.35	25.14 -0.04 -4.94	20.77 -0.11 -4.61	22.77 -0.21 -4.70	23.14 -0.24 -4.74	24.20 -0.29 -4.86	24.24 -0.20 -4.86	19.09 -0.12 -4.31	17.53 -0.09 -4.14	23.57 -0.15 -4.76	27.19 -0.12 -4.31	50.62 -0.11 -4.14	95.40 0.70 0.00	29.00 0.28 0.00	27.50 0.41 0.00	26.67 0.52 0.00	28.20 0.65 0.00
MECO_____69_KV_BK1 80468	18.69 1.48 0.00	20.37 1.60 0.00	20.71 1.64 0.00	22.31 1.81 0.00	24.18 2.06 0.00	26.64 2.39 0.00	68.23 6.52 0.00	35.57 3.33 0.00	22.10 1.87 0.00	17.62 1.35 0.00	19.32 1.03 0.00	19.94 1.29 0.00	20.85 1.22 0.00	20.46 0.89 0.00	15.75 0.85 0.00	14.32 0.84 0.00	20.54 1.58 0.00	25.44 2.44 0.00	52.13 5.53 0.00	105.92 11.22 0.00	32.00 3.28 0.00	30.12 3.03 0.00	28.99 2.84 0.00	30.48 2.94 0.00
MENANDS___115KV_TB5 355628	17.78 0.56 0.00	19.38 0.61 0.00	19.63 0.56 0.00	21.08 0.58 0.00	22.76 0.64 0.00	25.01 0.76 0.00	64.00 2.29 0.00	33.49 1.24 0.00	20.94 0.70 0.00	16.83 0.55 0.00	18.95 0.66 0.00	19.39 0.74 0.00	20.44 0.80 0.00	20.38 0.80 0.00	15.55 0.62 -0.03	14.31 0.54 -0.29	19.75 0.79 0.00	23.97 0.96 0.00	48.45 1.85 0.00	98.04 3.34 0.00	29.77 1.05 0.00	27.98 0.90 0.00	27.01 0.85 0.00	28.32 0.77 0.00
MG INDUSTRY___DRP 24185	17.81 0.59 0.00	19.41 0.64 0.00	19.68 0.61 0.00	21.14 0.64 0.00	22.82 0.70 0.00	25.08 0.83 0.00	64.10 2.39 0.00	33.49 1.24 0.00	20.93 0.70 0.00	16.79 0.52 0.00	18.86 0.58 0.00	19.26 0.62 0.00	20.31 0.67 0.00	20.24 0.67 0.00	15.47 0.57 0.00	13.99 0.51 0.00	19.71 0.75 0.00	23.94 0.93 0.00	48.44 1.85 0.00	98.09 3.40 0.00	29.76 1.05 0.00	28.01 0.92 0.00	27.05 0.89 0.00	28.40 0.86 0.00
MID___OSWEGATCHIE_HYD 23849	20.65 -0.55 -3.98	22.43 -0.48 -4.14	22.67 -0.58 -4.18	24.29 -0.54 -4.32	25.35 -0.51 -3.75	23.50 -0.75 0.00	65.12 -1.71 -5.11	36.97 -0.81 -5.53	23.92 -0.61 -4.29	19.69 -0.60 -4.01	21.66 -0.71 -4.09	21.97 -0.80 -4.13	22.95 -0.91 -4.23	22.93 -0.87 -4.23	18.00 -0.65 -3.75	16.57 -0.52 -3.60	22.28 -0.81 -4.13	24.65 -0.88 -2.53	48.59 -1.61 -3.59	92.24 -2.46 0.00	28.11 -0.61 0.00	26.67 -0.42 0.00	26.04 -0.11 0.00	27.62 0.07 0.00
MID___RAQUETTE_HYD 23851	22.65 -0.41 -5.84	24.43 -0.42 -6.08	24.85 -0.36 -6.14	26.53 -0.31 -6.35	27.30 -0.31 -5.50	23.68 -0.57 0.00	67.47 -1.76 -7.50	39.48 -0.88 -8.11	25.88 -0.66 -6.31	21.59 -0.57 -5.89	23.66 -0.63 -6.00	24.05 -0.65 -6.06	25.10 -0.74 -6.21	25.12 -0.66 -6.21	19.91 -0.49 -5.50	18.35 -0.42 -5.29	24.32 -0.72 -6.08	27.73 -0.87 -5.60	50.15 -1.73 -5.29	92.16 -2.54 0.00	28.06 -0.65 0.00	26.70 -0.39 0.00	26.08 -0.07 0.00	27.61 0.06 0.00

MILLIKEN___1 23584	17.43 0.21 0.00	19.03 0.26 0.00	19.29 0.21 0.00	20.72 0.22 0.00	22.36 0.25 0.00	24.55 0.31 0.00	62.67 0.95 0.00	32.74 0.49 0.00	20.58 0.34 0.00	16.50 0.23 0.00	18.50 0.22 0.00	18.80 0.16 0.00	19.79 0.15 0.00	19.70 0.12 0.00	14.97 0.07 0.00	13.57 0.09 0.00	19.15 0.19 0.00	23.36 0.35 0.00	47.56 0.97 0.00	96.59 1.89 0.00	29.20 0.49 0.00	27.55 0.46 0.00	26.58 0.43 0.00	27.97 0.43 0.00
MILLIKEN___2 23585	17.43 0.21 0.00	19.03 0.26 0.00	19.29 0.21 0.00	20.72 0.22 0.00	22.36 0.25 0.00	24.55 0.31 0.00	62.67 0.95 0.00	32.74 0.49 0.00	20.58 0.34 0.00	16.50 0.23 0.00	18.50 0.22 0.00	18.80 0.16 0.00	19.79 0.15 0.00	19.70 0.12 0.00	14.97 0.07 0.00	13.57 0.09 0.00	19.15 0.19 0.00	23.36 0.35 0.00	47.56 0.97 0.00	96.59 1.89 0.00	29.20 0.49 0.00	27.55 0.46 0.00	26.58 0.43 0.00	27.97 0.43 0.00
MILLIKEN___DIESEL 23629	17.43 0.21 0.00	19.03 0.26 0.00	19.29 0.21 0.00	20.72 0.22 0.00	22.36 0.25 0.00	24.55 0.31 0.00	62.67 0.95 0.00	32.74 0.49 0.00	20.58 0.34 0.00	16.50 0.23 0.00	18.50 0.22 0.00	18.80 0.16 0.00	19.79 0.15 0.00	19.70 0.12 0.00	14.97 0.07 0.00	13.57 0.09 0.00	19.15 0.19 0.00	23.36 0.35 0.00	47.56 0.97 0.00	96.59 1.89 0.00	29.20 0.49 0.00	27.55 0.46 0.00	26.58 0.43 0.00	27.97 0.43 0.00
MILLSEAT___LFGE 323607	16.50 -0.72 0.00	17.84 -0.93 0.00	18.21 -0.87 0.00	19.68 -0.82 0.00	21.16 -0.95 0.00	23.23 -1.02 0.00	58.34 -3.38 0.00	30.12 -2.12 0.00	19.01 -1.23 0.00	15.23 -1.04 0.00	17.31 -0.98 0.00	17.36 -1.28 0.00	18.26 -1.37 0.00	18.22 -1.36 0.00	13.85 -1.05 0.00	12.49 -0.99 0.00	17.55 -1.41 0.00	21.43 -1.57 0.00	43.85 -2.75 0.00	89.71 -4.98 0.00	26.83 -1.88 0.00	25.54 -1.56 0.00	24.66 -1.50 0.00	26.25 -1.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.33 1.11 0.00	19.99 1.22 0.00	20.20 1.12 0.00	21.61 1.11 0.00	23.37 1.26 0.00	25.74 1.49 0.00	65.84 4.12 0.00	34.52 2.27 0.00	21.72 1.48 0.00	18.32 1.20 -0.84	23.41 1.30 -3.82	20.05 1.40 0.00	21.13 1.49 0.00	21.02 1.44 0.00	16.21 1.04 -0.27	17.08 0.91 -2.68	20.27 1.31 0.00	24.64 1.64 0.00	49.80 3.20 0.00	100.62 5.92 0.00	30.48 1.76 0.00	28.65 1.56 0.00	27.77 1.62 0.00	29.14 1.59 0.00
MILLWOOD_13_KV_LOAD 356217	18.36 1.15 0.00	20.03 1.26 0.00	20.24 1.16 0.00	21.66 1.16 0.00	23.42 1.31 0.00	25.81 1.56 0.00	66.00 4.28 0.00	34.61 2.36 0.00	21.78 1.54 0.00	18.36 1.25 -0.84	23.46 1.36 -3.82	20.10 1.46 0.00	21.19 1.55 0.00	21.06 1.49 0.00	16.25 1.08 -0.27	17.12 0.95 -2.68	20.32 1.36 0.00	24.71 1.71 0.00	49.95 3.35 0.00	100.91 6.21 0.00	30.56 1.85 0.00	28.73 1.64 0.00	27.85 1.70 0.00	29.20 1.66 0.00
MODEL_CITY_ENERGY 24167	15.96 -1.26 0.00	17.24 -1.53 0.00	17.60 -1.48 0.00	19.02 -1.48 0.00	20.43 -1.68 0.00	22.41 -1.84 0.00	56.01 -5.71 0.00	28.82 -3.43 0.00	18.20 -2.03 0.00	14.63 -1.64 0.00	16.64 -1.64 0.00	16.71 -1.94 0.00	17.59 -2.05 0.00	17.55 -2.03 0.00	13.34 -1.56 0.00	12.04 -1.45 0.00	16.86 -2.11 0.00	20.54 -2.46 0.00	41.98 -4.62 0.00	86.01 -8.69 0.00	25.74 -2.97 0.00	24.56 -2.53 0.00	23.74 -2.41 0.00	25.33 -2.22 0.00
MODERN_LFGE___ 323580	15.96 -1.26 0.00	17.24 -1.53 0.00	17.60 -1.48 0.00	19.02 -1.48 0.00	20.43 -1.68 0.00	22.41 -1.84 0.00	56.01 -5.71 0.00	28.82 -3.43 0.00	18.20 -2.03 0.00	14.63 -1.64 0.00	16.64 -1.64 0.00	16.71 -1.94 0.00	17.59 -2.05 0.00	17.55 -2.03 0.00	13.34 -1.56 0.00	12.04 -1.45 0.00	16.86 -2.11 0.00	20.54 -2.46 0.00	41.98 -4.62 0.00	86.01 -8.69 0.00	25.74 -2.97 0.00	24.56 -2.53 0.00	23.74 -2.41 0.00	25.33 -2.22 0.00
MOHAWK_PAPER___DRP 24187	17.84 0.63 0.00	19.44 0.68 0.00	19.70 0.62 0.00	21.15 0.66 0.00	22.84 0.72 0.00	25.11 0.85 0.00	64.26 2.54 0.00	33.63 1.38 0.00	21.02 0.78 0.00	16.89 0.62 0.00	19.01 0.72 0.00	19.44 0.79 0.00	20.50 0.86 0.00	20.44 0.86 0.00	15.58 0.65 -0.03	14.35 0.58 -0.29	19.83 0.87 0.00	24.07 1.06 0.00	48.69 2.10 0.00	98.54 3.84 0.00	29.91 1.19 0.00	28.12 1.03 0.00	27.13 0.97 0.00	28.44 0.89 0.00
MOHICAN___35_KV_115KV_LD 80490	18.09 0.87 0.00	19.72 0.95 0.00	19.98 0.91 0.00	21.60 1.09 0.00	23.36 1.25 0.00	25.86 1.61 0.00	66.60 4.88 0.00	34.86 2.62 0.00	21.63 1.39 0.00	17.22 0.95 0.00	19.45 1.16 0.00	19.92 1.28 0.00	21.01 1.37 0.00	20.96 1.38 0.00	15.84 0.94 0.00	14.28 0.80 0.00	20.33 1.37 0.00	24.84 1.83 0.00	50.28 3.68 0.00	101.54 6.84 0.00	30.68 1.96 0.00	28.80 1.71 0.00	27.58 1.43 0.00	28.94 1.40 0.00
MONGAUP___HYD 23641	18.06 0.84 0.00	19.80 1.03 0.00	19.99 0.91 0.00	21.41 0.91 0.00	23.15 1.04 0.00	25.56 1.30 0.00	65.37 3.66 0.00	34.07 1.83 0.00	21.51 1.27 0.00	16.63 0.94 0.58	16.68 1.01 2.62	19.70 1.06 0.00	20.76 1.13 0.00	20.59 1.02 0.00	15.44 0.72 0.18	12.33 0.64 1.79	19.88 0.92 0.00	24.34 1.34 0.00	49.34 2.74 0.00	99.90 5.20 0.00	30.46 1.75 0.00	28.74 1.65 0.00	27.68 1.53 0.00	29.00 1.46 0.00
MONTAUK___DIESEL 23721	18.94 1.72 0.00	20.37 1.60 0.00	20.60 1.52 0.00	22.00 1.50 0.00	23.95 1.84 0.00	26.22 1.97 0.00	66.87 5.15 0.00	35.38 3.13 0.00	25.94 2.14 -3.57	24.11 1.79 -6.05	23.56 1.94 -3.34	20.67 2.03 0.00	21.77 2.13 0.00	21.52 1.95 0.00	16.54 1.41 -0.23	16.79 1.03 -2.28	20.37 1.41 0.00	24.89 1.88 0.00	50.98 4.38 0.00	103.04 8.34 0.00	31.07 2.35 0.00	29.29 2.20 0.00	28.15 1.99 0.00	29.46 1.92 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.73 -0.49 0.00	18.19 -0.58 0.00	18.56 -0.51 0.00	20.10 -0.40 0.00	21.53 -0.59 0.00	23.67 -0.59 0.00	59.64 -2.08 0.00	30.88 -1.37 0.00	19.56 -0.68 0.00	15.61 -0.66 0.00	17.73 -0.55 0.00	17.84 -0.81 0.00	18.74 -0.89 0.00	18.34 -1.23 0.00	13.78 -1.11 0.00	12.48 -1.01 0.00	17.56 -1.40 0.00	21.52 -1.49 0.00	44.93 -1.67 0.00	91.81 -2.89 0.00	27.19 -1.53 0.00	25.92 -1.17 0.00	25.17 -0.98 0.00	26.92 -0.63 0.00
MORTIMER_115KV_TB3 55949	16.65 -0.57 0.00	18.06 -0.71 0.00	18.38 -0.70 0.00	19.83 -0.68 0.00	21.34 -0.77 0.00	23.39 -0.86 0.00	59.14 -2.58 0.00	30.67 -1.58 0.00	19.33 -0.90 0.00	15.54 -0.73 0.00	17.59 -0.69 0.00	17.78 -0.87 0.00	18.73 -0.91 0.00	18.68 -0.90 0.00	14.18 -0.72 0.00	12.81 -0.68 0.00	17.97 -0.99 0.00	21.90 -1.10 0.00	44.66 -1.94 0.00	91.04 -3.66 0.00	27.38 -1.34 0.00	25.95 -1.15 0.00	25.00 -1.16 0.00	26.46 -1.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.44 1.22 0.00	20.10 1.33 0.00	20.29 1.21 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.84 1.59 0.00	66.10 4.39 0.00	34.67 2.43 0.00	21.85 1.61 0.00	18.32 1.34 -0.71	22.95 1.46 -3.21	20.21 1.57 0.00	21.29 1.65 0.00	21.16 1.58 0.00	16.29 1.17 -0.23	16.77 1.03 -2.25	20.41 1.45 0.00	24.78 1.77 0.00	50.02 3.43 0.00	101.07 6.37 0.00	30.64 1.93 0.00	28.79 1.70 0.00	27.92 1.76 0.00	29.25 1.71 0.00

MUNSVILLE_WIND_PWR 323609	17.97 0.75 0.00	19.92 1.15 0.00	19.99 0.92 0.00	21.57 1.06 0.00	23.55 1.44 0.00	25.65 1.40 0.00	66.70 4.99 0.00	34.96 2.71 0.00	21.87 1.64 0.00	17.44 1.16 0.00	19.36 1.07 0.00	19.61 0.96 0.00	20.43 0.80 0.00	20.38 0.80 0.00	15.37 0.47 0.00	13.98 0.50 0.00	20.07 1.11 0.00	24.69 1.69 0.00	50.60 4.01 0.00	102.73 8.03 0.00	31.31 2.60 0.00	29.35 2.26 0.00	28.38 2.23 0.00	30.11 2.57 0.00
N SALMON___HYD 24042	42.70 -0.45 -25.94	45.26 -0.47 -26.97	45.91 -0.39 -27.22	48.31 -0.36 -28.17	46.17 -0.34 -24.39	23.94 -0.31 0.00	93.75 -1.25 -33.28	67.73 -0.51 -36.00	47.82 -0.40 -27.98	42.06 -0.34 -26.13	44.51 -0.42 -26.64	45.09 -0.44 -26.89	46.73 -0.46 -27.55	46.69 -0.42 -27.53	39.01 -0.30 -24.41	36.68 -0.27 -23.46	45.55 -0.45 -27.03	51.34 -0.54 -28.87	69.04 -1.05 -23.49	93.88 -0.82 0.00	28.70 -0.01 0.00	27.38 0.29 0.00	26.63 0.48 0.00	28.20 0.65 0.00
N.AKRON___115KV_KNAPP 355671	16.49 -0.73 0.00	17.82 -0.95 0.00	18.19 -0.89 0.00	19.67 -0.83 0.00	21.15 -0.96 0.00	23.22 -1.03 0.00	58.31 -3.41 0.00	30.08 -2.17 0.00	18.98 -1.26 0.00	15.21 -1.06 0.00	17.29 -0.99 0.00	17.35 -1.30 0.00	18.24 -1.40 0.00	18.20 -1.37 0.00	13.85 -1.05 0.00	12.48 -1.01 0.00	17.59 -1.37 0.00	21.41 -1.60 0.00	43.80 -2.79 0.00	89.65 -5.05 0.00	26.81 -1.91 0.00	25.52 -1.57 0.00	24.65 -1.50 0.00	26.24 -1.31 0.00
N.BELMOR_69_KV_BK1 55787	18.67 1.45 0.00	20.33 1.56 0.00	20.53 1.45 0.00	21.95 1.45 0.00	23.80 1.69 0.00	26.18 1.93 0.00	66.80 5.09 0.00	35.15 2.90 0.00	25.78 1.98 -3.57	23.93 1.61 -6.05	23.36 1.74 -3.34	20.49 1.84 0.00	21.57 1.94 0.00	21.41 1.83 0.00	16.48 1.35 -0.23	16.96 1.19 -2.28	20.64 1.67 0.00	25.08 2.07 0.00	50.69 4.09 0.00	102.21 7.51 0.00	30.94 2.22 0.00	29.21 2.12 0.00	28.27 2.11 0.00	29.59 2.04 0.00
N.E_GEN_SANDY PD 24062	17.97 0.82 0.06	19.65 0.88 0.00	19.89 0.81 0.00	21.33 0.83 0.00	23.04 0.93 0.00	24.05 1.11 1.31	66.53 3.25 -1.57	34.36 1.77 -0.34	20.46 1.03 0.81	17.16 0.78 -0.11	19.89 0.90 -0.71	20.39 1.02 -0.72	20.74 1.11 0.00	20.69 1.11 0.00	16.23 0.79 -0.55	15.29 0.70 -1.11	21.11 1.06 -1.09	24.32 1.31 0.00	49.17 2.57 0.00	99.42 4.72 0.00	30.19 1.47 0.00	28.34 1.28 0.03	27.91 1.24 -0.52	28.20 1.18 0.52
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.32 1.10 0.00	19.98 1.22 0.00	20.20 1.12 0.00	21.62 1.12 0.00	23.37 1.26 0.00	25.75 1.50 0.00	65.82 4.10 0.00	34.48 2.23 0.00	21.68 1.44 0.00	16.49 1.16 0.94	15.27 1.24 4.26	19.99 1.34 0.00	21.07 1.43 0.00	20.97 1.39 0.00	15.58 0.98 0.30	11.39 0.86 2.95	20.18 1.22 0.00	24.54 1.54 0.00	49.64 3.04 0.00	100.26 5.56 0.00	30.37 1.66 0.00	28.55 1.46 0.00	27.72 1.57 0.00	29.10 1.55 0.00
N.QUEENS_27_KV_LOAD 356247	18.41 1.20 0.00	20.07 1.30 0.00	20.25 1.17 0.00	21.61 1.11 0.00	23.41 1.30 0.00	25.79 1.54 0.00	66.07 4.36 0.00	34.68 2.44 0.00	21.89 1.66 0.00	18.39 1.41 -0.71	22.99 1.50 -3.21	20.26 1.62 0.00	21.32 1.68 0.00	21.19 1.61 0.00	16.34 1.21 -0.23	16.81 1.07 -2.25	20.41 1.45 0.00	24.76 1.76 0.00	49.96 3.37 0.00	101.04 6.34 0.00	30.67 1.95 0.00	28.75 1.67 0.00	27.95 1.80 0.00	29.27 1.73 0.00
N.TROY___115KV_TB1 355778	17.90 0.68 0.00	19.50 0.73 0.00	19.76 0.68 0.00	21.23 0.74 0.00	22.93 0.81 0.00	25.21 0.96 0.00	64.59 2.87 0.00	33.79 1.54 0.00	21.08 0.85 0.00	16.89 0.62 0.00	19.01 0.73 0.00	19.47 0.82 0.00	20.53 0.89 0.00	20.47 0.90 0.00	15.57 0.64 -0.03	14.34 0.57 -0.29	19.85 0.88 0.00	24.11 1.11 0.00	48.78 2.18 0.00	98.72 4.02 0.00	29.97 1.26 0.00	28.19 1.10 0.00	27.18 1.02 0.00	28.51 0.96 0.00
NARROWS_GT1_1 24228	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT1_2 24229	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT1_3 24230	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT1_4 24231	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT1_5 24232	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT1_6 24233	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT1_7 24234	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01

NARROWS_GT1_8 24235	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT2_1 24236	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT2_2 24237	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT2_3 24238	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT2_4 24239	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT2_5 24240	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT2_6 24241	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT2_7 24242	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NARROWS_GT2_8 24243	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.90 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.86 1.90 -15.86	93.89 1.97 -65.76	29.48 1.93 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.09 0.87 0.00	19.70 0.93 0.00	20.00 0.93 0.00	21.51 1.01 0.00	23.24 1.12 0.00	25.59 1.34 0.00	65.63 3.91 0.00	34.34 2.09 0.00	21.44 1.21 0.00	17.16 0.89 0.00	19.27 0.99 0.00	19.72 1.07 0.00	20.71 1.07 0.00	20.59 1.02 0.00	15.69 0.79 0.00	14.21 0.73 0.00	20.10 1.14 0.00	24.60 1.60 0.00	50.01 3.41 0.00	101.20 6.50 0.00	30.67 1.96 0.00	28.81 1.72 0.00	27.72 1.56 0.00	29.05 1.50 0.00
NCHELSEA_115KV_TR2 355582	18.37 1.15 0.00	20.03 1.26 0.00	20.25 1.18 0.00	21.70 1.20 0.00	23.46 1.35 0.00	25.86 1.61 0.00	66.20 4.48 0.00	34.69 2.44 0.00	21.78 1.55 0.00	17.49 1.22 0.00	19.63 1.35 0.00	20.08 1.44 0.00	21.16 1.53 0.00	21.07 1.50 0.00	15.98 1.09 0.00	14.46 0.98 0.00	20.41 1.45 0.00	24.86 1.85 0.00	50.30 3.70 0.00	101.67 6.97 0.00	30.80 2.08 0.00	28.93 1.84 0.00	27.98 1.83 0.00	29.34 1.80 0.00
NEG CAPITAL___MECHNVIL 23645	18.09 0.87 0.00	19.70 0.92 0.00	19.93 0.85 0.00	21.45 0.95 0.00	23.22 1.11 0.00	25.58 1.33 0.00	65.53 3.81 0.00	34.27 2.03 0.00	21.39 1.15 0.00	17.10 0.83 0.00	19.23 0.95 0.00	19.70 1.05 0.00	20.79 1.15 0.00	20.70 1.12 0.00	15.70 0.81 0.00	14.19 0.71 0.00	20.10 1.14 0.00	24.49 1.48 0.00	49.60 3.00 0.00	100.34 5.64 0.00	30.39 1.68 0.00	28.56 1.47 0.00	27.48 1.33 0.00	28.84 1.29 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.43 -0.78 0.00	17.84 -0.93 0.00	18.15 -0.93 0.00	19.55 -0.95 0.00	21.06 -1.06 0.00	23.10 -1.15 0.00	58.55 -3.17 0.00	30.41 -1.83 0.00	19.17 -1.07 0.00	15.42 -0.85 0.00	17.42 -0.86 0.00	17.64 -1.01 0.00	18.59 -1.05 0.00	18.55 -1.03 0.00	14.08 -0.82 0.00	12.72 -0.77 0.00	17.87 -1.09 0.00	21.78 -1.23 0.00	44.34 -2.26 0.00	90.22 -4.47 0.00	27.15 -1.57 0.00	25.69 -1.40 0.00	24.74 -1.41 0.00	26.16 -1.39 0.00
NEG CENTRAL___DRP 24199	17.02 -0.20 0.00	18.58 -0.19 0.00	18.84 -0.24 0.00	20.27 -0.23 0.00	21.88 -0.23 0.00	24.03 -0.23 0.00	61.10 -0.62 0.00	31.86 -0.39 0.00	20.07 -0.17 0.00	16.07 -0.20 0.00	18.11 -0.17 0.00	18.38 -0.26 0.00	19.35 -0.29 0.00	19.28 -0.29 0.00	14.63 -0.27 0.00	13.27 -0.22 0.00	18.64 -0.32 0.00	22.76 -0.25 0.00	46.32 -0.28 0.00	94.17 -0.53 0.00	28.49 -0.23 0.00	26.90 -0.19 0.00	25.96 -0.20 0.00	27.36 -0.18 0.00
NEG CENTRAL___INDECK 23768	17.10 -0.12 0.00	18.75 -0.02 0.00	18.97 -0.10 0.00	20.51 0.01 0.00	22.28 0.17 0.00	24.50 0.25 0.00	62.25 0.53 0.00	32.16 -0.08 0.00	20.16 -0.07 0.00	15.99 -0.29 0.00	17.87 -0.42 0.00	18.18 -0.47 0.00	19.09 -0.55 0.00	18.79 -0.79 0.00	13.97 -0.93 0.00	12.60 -0.89 0.00	17.43 -1.53 0.00	21.62 -1.38 0.00	45.16 -1.44 0.00	92.14 -2.56 0.00	28.93 0.22 0.00	27.39 0.30 0.00	26.41 0.25 0.00	27.94 0.40 0.00

NEG CENTRAL___SENECA 23627	17.05 -0.17 0.00	18.63 -0.14 0.00	18.88 -0.20 0.00	20.35 -0.15 0.00	22.01 -0.11 0.00	24.18 -0.07 0.00	61.42 -0.30 0.00	31.99 -0.25 0.00	20.19 -0.05 0.00	16.08 -0.19 0.00	18.13 -0.15 0.00	18.36 -0.28 0.00	19.36 -0.27 0.00	19.31 -0.27 0.00	14.61 -0.29 0.00	13.26 -0.23 0.00	18.63 -0.34 0.00	22.80 -0.20 0.00	46.45 -0.14 0.00	94.51 -0.19 0.00	28.62 -0.09 0.00	27.02 -0.07 0.00	26.07 -0.08 0.00	27.52 -0.02 0.00
NEG CENTRAL___STATE_STREET 24147	17.20 -0.02 0.00	18.75 -0.03 0.00	19.05 -0.03 0.00	20.39 -0.11 0.00	21.99 -0.12 0.00	24.15 -0.10 0.00	61.43 -0.29 0.00	32.14 -0.11 0.00	20.18 -0.06 0.00	16.24 -0.03 0.00	18.28 -0.01 0.00	18.58 -0.06 0.00	19.51 -0.13 0.00	19.42 -0.16 0.00	14.78 -0.12 0.00	13.41 -0.07 0.00	18.85 -0.10 0.00	22.94 -0.06 0.00	46.66 0.06 0.00	94.82 0.13 0.00	28.62 -0.10 0.00	27.03 -0.06 0.00	26.09 -0.07 0.00	27.40 -0.15 0.00
NEG MILLWOOD___DRP 24198	18.45 1.23 0.00	20.11 1.34 0.00	20.33 1.25 0.00	21.77 1.27 0.00	23.55 1.44 0.00	25.98 1.73 0.00	66.52 4.80 0.00	34.88 2.63 0.00	21.91 1.68 0.00	17.81 1.33 -0.20	20.67 1.47 -0.92	20.21 1.57 0.00	21.30 1.66 0.00	21.20 1.62 0.00	16.14 1.18 -0.07	15.22 1.06 -0.68	20.51 1.55 0.00	24.97 1.97 0.00	50.55 3.95 0.00	102.16 7.46 0.00	30.94 2.22 0.00	29.06 1.97 0.00	28.11 1.95 0.00	29.47 1.92 0.00
NEG NORTH_FLCN_SEA 23793	-21.22 -0.63 37.81	-21.22 -0.67 39.31	-21.18 -0.58 39.68	-21.14 -0.58 41.07	-14.07 -0.63 35.55	23.72 -0.53 0.00	11.25 -1.95 48.52	-21.22 -0.99 52.48	-21.28 -0.73 40.79	-22.41 -0.59 38.09	-21.26 -0.71 38.84	-21.27 -0.72 39.19	-21.33 -0.80 40.17	-21.32 -0.77 40.13	-21.32 -0.60 35.62	-21.29 -0.53 34.25	-21.29 -0.77 39.48	-21.28 -0.94 43.35	10.38 -1.91 34.31	91.93 -2.77 0.00	28.18 -0.54 0.00	26.95 -0.14 0.00	26.19 0.04 0.00	27.75 0.21 0.00
NEG NORTH_KES_CHATAGAY 23792	-23.76 -0.69 40.29	-23.87 -0.75 41.89	-23.87 -0.66 42.28	-23.91 -0.66 43.76	-16.44 -0.67 37.88	23.65 -0.60 0.00	7.92 -2.11 51.70	-24.69 -1.02 55.92	-23.96 -0.73 43.46	-24.92 -0.61 40.59	-23.86 -0.75 41.39	-23.89 -0.78 41.76	-23.96 -0.80 42.79	-23.96 -0.78 42.76	-23.63 -0.57 37.95	-23.52 -0.51 36.49	-23.86 -0.76 42.07	-24.14 -0.93 46.22	8.19 -1.85 36.55	92.21 -2.49 0.00	28.25 -0.46 0.00	27.01 -0.08 0.00	26.23 0.08 0.00	27.81 0.26 0.00
NEG NORTH___ALICE_FALLS 23915	-21.55 -0.57 38.20	-21.55 -0.60 39.72	-21.52 -0.51 40.09	-21.49 -0.50 41.49	-14.32 -0.51 35.92	23.89 -0.36 0.00	11.27 -1.43 49.02	-21.46 -0.68 53.03	-21.52 -0.55 41.22	-22.67 -0.46 38.49	-21.53 -0.57 39.25	-21.54 -0.58 39.60	-21.57 -0.63 40.58	-21.56 -0.59 40.55	-21.54 -0.46 35.99	-21.50 -0.38 34.60	-21.51 -0.57 39.90	-21.45 -0.66 43.80	10.61 -1.32 34.66	93.21 -1.49 0.00	28.55 -0.16 0.00	27.28 0.19 0.00	26.49 0.34 0.00	28.06 0.51 0.00
NEG NORTH___LWR_SARANAC 23913	-21.55 -0.57 38.20	-21.55 -0.60 39.72	-21.52 -0.51 40.09	-21.49 -0.50 41.49	-14.32 -0.51 35.92	23.89 -0.36 0.00	11.27 -1.43 49.02	-21.46 -0.68 53.03	-21.52 -0.55 41.22	-22.67 -0.46 38.49	-21.53 -0.57 39.25	-21.54 -0.58 39.60	-21.57 -0.63 40.58	-21.56 -0.59 40.55	-21.54 -0.46 35.99	-21.50 -0.38 34.60	-21.51 -0.57 39.90	-21.45 -0.66 43.80	10.61 -1.32 34.66	93.21 -1.49 0.00	28.55 -0.16 0.00	27.28 0.19 0.00	26.49 0.34 0.00	28.06 0.51 0.00
NEG NORTH___PLATTSBURG 23628	-21.56 -0.57 38.20	-21.55 -0.60 39.72	-21.52 -0.51 40.09	-21.48 -0.49 41.49	-14.32 -0.51 35.92	23.89 -0.36 0.00	11.27 -1.43 49.02	-21.46 -0.69 53.03	-21.53 -0.55 41.22	-22.68 -0.46 38.49	-21.54 -0.58 39.25	-21.54 -0.59 39.60	-21.58 -0.63 40.58	-21.57 -0.60 40.55	-21.55 -0.46 35.99	-21.51 -0.39 34.60	-21.51 -0.58 39.90	-21.46 -0.66 43.80	10.61 -1.32 34.66	93.21 -1.49 0.00	28.56 -0.16 0.00	27.28 0.19 0.00	26.49 0.34 0.00	28.06 0.51 0.00
NEG WEST_LEA_LOCKPORT 23791	16.12 -1.10 0.00	17.42 -1.36 0.00	17.78 -1.30 0.00	19.23 -1.27 0.00	20.66 -1.45 0.00	22.66 -1.59 0.00	56.69 -5.03 0.00	29.17 -3.08 0.00	18.42 -1.82 0.00	14.79 -1.48 0.00	16.84 -1.45 0.00	16.89 -1.75 0.00	17.76 -1.88 0.00	17.70 -1.88 0.00	13.45 -1.45 0.00	12.14 -1.35 0.00	16.99 -1.97 0.00	20.69 -2.31 0.00	42.34 -4.26 0.00	86.77 -7.92 0.00	25.96 -2.76 0.00	24.77 -2.32 0.00	24.01 -2.14 0.00	25.62 -1.92 0.00
NEG WEST___LANCASTR 23811	16.88 -0.33 0.00	18.32 -0.45 0.00	18.67 -0.41 0.00	20.18 -0.32 0.00	21.70 -0.41 0.00	23.74 -0.51 0.00	59.60 -2.12 0.00	30.75 -1.50 0.00	19.42 -0.82 0.00	15.56 -0.71 0.00	17.71 -0.58 0.00	17.85 -0.79 0.00	18.86 -0.78 0.00	18.81 -0.76 0.00	14.24 -0.65 0.00	12.90 -0.59 0.00	18.07 -0.89 0.00	21.98 -1.03 0.00	44.93 -1.66 0.00	91.91 -2.79 0.00	27.51 -1.21 0.00	26.19 -0.90 0.00	25.29 -0.87 0.00	26.94 -0.60 0.00
NEG_PENN_ALLEGHNY 23528	17.19 -0.02 0.00	18.81 0.04 0.00	19.06 -0.02 0.00	20.49 -0.02 0.00	22.12 0.01 0.00	24.28 0.03 0.00	61.94 0.22 0.00	32.31 0.07 0.00	20.35 0.11 0.00	16.30 0.03 0.00	18.35 0.07 0.00	18.66 0.01 0.00	19.70 0.06 0.00	19.61 0.03 0.00	14.82 -0.08 0.00	13.44 -0.04 0.00	18.90 -0.06 0.00	23.01 0.00 0.00	46.78 0.18 0.00	94.97 0.27 0.00	28.69 -0.02 0.00	27.08 -0.01 0.00	26.17 0.02 0.00	27.65 0.10 0.00
NEG___GEN_MONROE 24207	16.74 -0.48 0.00	18.15 -0.62 0.00	18.48 -0.60 0.00	19.95 -0.55 0.00	21.47 -0.65 0.00	23.56 -0.69 0.00	59.56 -2.16 0.00	30.84 -1.41 0.00	19.43 -0.81 0.00	15.59 -0.68 0.00	17.65 -0.63 0.00	17.83 -0.82 0.00	18.77 -0.86 0.00	18.73 -0.85 0.00	14.22 -0.68 0.00	12.84 -0.64 0.00	18.03 -0.93 0.00	22.00 -1.00 0.00	44.91 -1.68 0.00	91.57 -3.12 0.00	27.51 -1.21 0.00	26.08 -1.01 0.00	25.12 -1.03 0.00	26.62 -0.93 0.00
NEPA___ENERGY 23901	16.40 -0.81 0.00	17.88 -0.89 0.00	18.23 -0.84 0.00	19.68 -0.82 0.00	21.13 -0.98 0.00	23.23 -1.02 0.00	58.50 -3.22 0.00	30.20 -2.05 0.00	19.11 -1.13 0.00	15.20 -1.07 0.00	17.27 -1.02 0.00	17.41 -1.23 0.00	18.50 -1.14 0.00	18.43 -1.15 0.00	13.83 -1.07 0.00	12.56 -0.92 0.00	17.62 -1.34 0.00	21.50 -1.51 0.00	44.13 -2.47 0.00	90.01 -4.68 0.00	26.84 -1.88 0.00	25.56 -1.53 0.00	24.74 -1.41 0.00	26.39 -1.15 0.00
NEVERSINK___HYD 23608	18.18 0.96 0.00	19.83 1.06 0.00	20.11 1.04 0.00	21.50 1.00 0.00	23.25 1.14 0.00	25.64 1.39 0.00	65.65 3.93 0.00	34.40 2.15 0.00	21.58 1.34 0.00	17.13 1.03 0.17	18.61 1.09 0.77	19.80 1.16 0.00	20.90 1.26 0.00	20.73 1.15 0.00	15.69 0.85 0.05	13.75 0.76 0.50	20.13 1.17 0.00	24.60 1.60 0.00	49.93 3.34 0.00	100.99 6.28 0.00	30.57 1.85 0.00	28.70 1.61 0.00	27.78 1.63 0.00	29.13 1.59 0.00
NEWKRMKL_115KV_TB1 55635	17.73 0.51 0.00	19.32 0.55 0.00	19.58 0.51 0.00	21.02 0.52 0.00	22.69 0.58 0.00	24.95 0.70 0.00	63.87 2.15 0.00	33.42 1.17 0.00	20.90 0.67 0.00	16.80 0.53 0.00	18.93 0.65 0.00	19.35 0.71 0.00	20.40 0.76 0.00	20.33 0.75 0.00	15.55 0.62 -0.03	14.30 0.53 -0.29	19.72 0.76 0.00	23.94 0.94 0.00	48.38 1.78 0.00	97.90 3.20 0.00	29.72 1.01 0.00	27.93 0.84 0.00	26.95 0.79 0.00	28.26 0.71 0.00

NEWTON___FALLS_HYD 23847	20.65 -0.55 -3.98	22.43 -0.48 -4.14	22.67 -0.58 -4.18	24.29 -0.54 -4.32	25.35 -0.51 -3.75	23.50 -0.75 0.00	65.12 -1.71 -5.11	36.97 -0.81 -5.53	23.92 -0.61 -4.29	19.69 -0.60 -4.01	21.66 -0.71 -4.09	21.97 -0.80 -4.13	22.95 -0.91 -4.23	22.93 -0.87 -4.23	18.00 -0.65 -3.75	16.57 -0.52 -3.60	22.28 -0.81 -4.13	24.65 -0.88 -2.53	48.59 -1.61 -3.59	92.24 -2.46 0.00	28.11 -0.61 0.00	26.67 -0.42 0.00	26.04 -0.11 0.00	27.62 0.07 0.00
NGRID_A1_DSASP 323792	15.89 -1.32 0.00	17.17 -1.60 0.00	17.53 -1.55 0.00	18.94 -1.56 0.00	20.35 -1.76 0.00	22.29 -1.96 0.00	55.55 -6.16 0.00	28.47 -3.78 0.00	17.98 -2.26 0.00	14.46 -1.81 0.00	16.45 -1.83 0.00	16.53 -2.12 0.00	17.43 -2.21 0.00	17.40 -2.17 0.00	13.23 -1.67 0.00	11.93 -1.55 0.00	16.71 -2.25 0.00	20.35 -2.65 0.00	41.55 -5.05 0.00	85.15 -9.55 0.00	25.49 -3.22 0.00	24.33 -2.76 0.00	23.48 -2.68 0.00	25.06 -2.49 0.00
NGRID_A2_DSASP 323793	15.89 -1.32 0.00	17.17 -1.60 0.00	17.53 -1.55 0.00	18.94 -1.56 0.00	20.35 -1.76 0.00	22.29 -1.96 0.00	55.55 -6.16 0.00	28.47 -3.78 0.00	17.98 -2.26 0.00	14.46 -1.81 0.00	16.45 -1.83 0.00	16.53 -2.12 0.00	17.43 -2.21 0.00	17.40 -2.17 0.00	13.23 -1.67 0.00	11.93 -1.55 0.00	16.71 -2.25 0.00	20.35 -2.65 0.00	41.55 -5.05 0.00	85.15 -9.55 0.00	25.49 -3.22 0.00	24.33 -2.76 0.00	23.48 -2.68 0.00	25.06 -2.49 0.00
NGRID_A4_DSASP 323807	15.89 -1.32 0.00	17.17 -1.60 0.00	17.53 -1.55 0.00	18.94 -1.56 0.00	20.35 -1.76 0.00	22.29 -1.96 0.00	55.55 -6.16 0.00	28.47 -3.78 0.00	17.98 -2.26 0.00	14.46 -1.81 0.00	16.45 -1.83 0.00	16.53 -2.12 0.00	17.43 -2.21 0.00	17.40 -2.17 0.00	13.23 -1.67 0.00	11.93 -1.55 0.00	16.71 -2.25 0.00	20.35 -2.65 0.00	41.55 -5.05 0.00	85.15 -9.55 0.00	25.49 -3.22 0.00	24.33 -2.76 0.00	23.48 -2.68 0.00	25.06 -2.49 0.00
NIAGARA_115E_LBMP 323715	15.85 -1.36 0.00	17.12 -1.65 0.00	17.48 -1.60 0.00	18.89 -1.61 0.00	20.29 -1.83 0.00	22.24 -2.01 0.00	55.58 -6.14 0.00	28.59 -3.65 0.00	18.06 -2.18 0.00	14.52 -1.75 0.00	16.51 -1.77 0.00	16.58 -2.06 0.00	17.47 -2.16 0.00	17.43 -2.15 0.00	13.25 -1.64 0.00	11.96 -1.53 0.00	16.74 -2.22 0.00	20.40 -2.61 0.00	41.67 -4.93 0.00	85.43 -9.27 0.00	25.56 -3.15 0.00	24.41 -2.68 0.00	23.57 -2.58 0.00	25.15 -2.39 0.00
NIAGARA_115W_LBMP 323714	15.86 -1.35 0.00	17.14 -1.63 0.00	17.49 -1.59 0.00	18.90 -1.60 0.00	20.31 -1.80 0.00	22.24 -2.01 0.00	55.40 -6.32 0.00	28.40 -3.85 0.00	17.92 -2.31 0.00	14.42 -1.85 0.00	16.41 -1.88 0.00	16.48 -2.17 0.00	17.38 -2.26 0.00	17.35 -2.23 0.00	13.20 -1.70 0.00	11.91 -1.58 0.00	16.66 -2.31 0.00	20.29 -2.72 0.00	41.43 -5.17 0.00	84.88 -9.82 0.00	25.41 -3.31 0.00	24.27 -2.82 0.00	23.41 -2.75 0.00	24.99 -2.55 0.00
NIAGARA_230_LBMP 323716	16.00 -1.22 0.00	17.31 -1.47 0.00	17.66 -1.42 0.00	19.09 -1.41 0.00	20.51 -1.60 0.00	22.45 -1.80 0.00	56.18 -5.54 0.00	28.93 -3.32 0.00	18.26 -1.97 0.00	14.69 -1.58 0.00	16.70 -1.58 0.00	16.79 -1.85 0.00	17.72 -1.92 0.00	17.68 -1.90 0.00	13.42 -1.48 0.00	12.12 -1.37 0.00	16.97 -1.99 0.00	20.66 -2.34 0.00	42.19 -4.41 0.00	86.39 -8.31 0.00	25.86 -2.86 0.00	24.66 -2.43 0.00	23.78 -2.37 0.00	25.36 -2.18 0.00
NIAGARA___115KV_198_GIBSON 55903	15.86 -1.36 0.00	17.13 -1.64 0.00	17.48 -1.59 0.00	18.90 -1.60 0.00	20.31 -1.80 0.00	22.24 -2.01 0.00	55.41 -6.31 0.00	28.39 -3.86 0.00	17.92 -2.32 0.00	14.40 -1.87 0.00	16.40 -1.89 0.00	16.48 -2.17 0.00	17.37 -2.27 0.00	17.34 -2.23 0.00	13.19 -1.71 0.00	11.89 -1.59 0.00	16.65 -2.31 0.00	20.28 -2.72 0.00	41.43 -5.16 0.00	84.89 -9.81 0.00	25.42 -3.30 0.00	24.28 -2.81 0.00	23.42 -2.73 0.00	24.99 -2.55 0.00
NIAGARA____ 23760	16.00 -1.22 0.00	17.31 -1.47 0.00	17.66 -1.42 0.00	19.09 -1.41 0.00	20.51 -1.60 0.00	22.45 -1.80 0.00	56.18 -5.54 0.00	28.93 -3.32 0.00	18.26 -1.97 0.00	14.69 -1.58 0.00	16.70 -1.58 0.00	16.79 -1.85 0.00	17.72 -1.92 0.00	17.68 -1.90 0.00	13.42 -1.48 0.00	12.12 -1.37 0.00	16.97 -1.99 0.00	20.66 -2.34 0.00	42.19 -4.41 0.00	86.39 -8.31 0.00	25.86 -2.86 0.00	24.66 -2.43 0.00	23.78 -2.37 0.00	25.36 -2.18 0.00
NINE_MILE_1 23575	16.65 -0.56 0.00	18.13 -0.64 0.00	18.41 -0.67 0.00	19.78 -0.72 0.00	21.27 -0.84 0.00	23.25 -1.00 0.00	59.18 -2.54 0.00	30.90 -1.35 0.00	19.46 -0.78 0.00	15.69 -0.59 0.00	17.62 -0.66 0.00	17.93 -0.72 0.00	18.87 -0.77 0.00	18.80 -0.77 0.00	14.31 -0.59 0.00	12.95 -0.54 0.00	18.17 -0.79 0.00	22.01 -1.00 0.00	44.65 -1.95 0.00	90.66 -4.04 0.00	27.44 -1.27 0.00	25.92 -1.17 0.00	25.06 -1.10 0.00	26.41 -1.14 0.00
NINE_MILE_2 23744	16.65 -0.56 0.00	18.13 -0.64 0.00	18.41 -0.67 0.00	19.78 -0.72 0.00	21.27 -0.84 0.00	23.25 -1.00 0.00	59.19 -2.53 0.00	30.90 -1.35 0.00	19.46 -0.78 0.00	15.69 -0.58 0.00	17.62 -0.66 0.00	17.93 -0.72 0.00	18.87 -0.77 0.00	18.81 -0.77 0.00	14.31 -0.58 0.00	12.95 -0.54 0.00	18.17 -0.79 0.00	22.01 -0.99 0.00	44.65 -1.95 0.00	90.66 -4.04 0.00	27.44 -1.27 0.00	25.92 -1.17 0.00	25.06 -1.10 0.00	26.41 -1.14 0.00
NM_CAPITAL___DRP 24208	17.75 0.53 0.00	19.35 0.58 0.00	19.60 0.53 0.00	21.04 0.54 0.00	22.72 0.60 0.00	24.96 0.71 0.00	63.91 2.19 0.00	33.43 1.19 0.00	20.90 0.67 0.00	16.80 0.53 0.00	18.93 0.64 0.00	19.36 0.71 0.00	20.41 0.77 0.00	20.34 0.76 0.00	15.53 0.61 -0.03	14.29 0.52 -0.29	19.72 0.76 0.00	23.92 0.92 0.00	48.36 1.76 0.00	97.87 3.17 0.00	29.72 1.01 0.00	27.93 0.84 0.00	26.96 0.80 0.00	28.27 0.72 0.00
NM_CENTRAL___DRP 24181	16.96 -0.26 0.00	18.47 -0.30 0.00	18.73 -0.34 0.00	20.14 -0.36 0.00	21.67 -0.44 0.00	23.72 -0.53 0.00	60.45 -1.27 0.00	31.54 -0.70 0.00	19.88 -0.36 0.00	16.02 -0.26 0.00	18.01 -0.27 0.00	18.32 -0.33 0.00	19.28 -0.36 0.00	19.22 -0.36 0.00	14.62 -0.28 0.00	13.23 -0.26 0.00	18.57 -0.39 0.00	22.49 -0.52 0.00	45.59 -1.00 0.00	92.54 -2.16 0.00	27.98 -0.74 0.00	26.45 -0.64 0.00	25.54 -0.61 0.00	26.91 -0.64 0.00
NM_FRONTIER___DRP 24179	15.86 -1.36 0.00	17.13 -1.64 0.00	17.48 -1.59 0.00	18.90 -1.60 0.00	20.31 -1.80 0.00	22.24 -2.01 0.00	55.41 -6.31 0.00	28.39 -3.86 0.00	17.92 -2.32 0.00	14.40 -1.87 0.00	16.40 -1.89 0.00	16.48 -2.17 0.00	17.37 -2.27 0.00	17.34 -2.23 0.00	13.19 -1.71 0.00	11.89 -1.59 0.00	16.65 -2.31 0.00	20.28 -2.72 0.00	41.43 -5.16 0.00	84.89 -9.81 0.00	25.42 -3.30 0.00	24.28 -2.81 0.00	23.42 -2.73 0.00	24.99 -2.55 0.00
NM_ST_REGIS___HYD 24053	26.78 -0.42 -9.98	28.72 -0.43 -10.38	29.19 -0.36 -10.47	31.03 -0.31 -10.84	31.19 -0.30 -9.38	23.76 -0.49 0.00	72.92 -1.61 -12.81	45.33 -0.77 -13.85	30.42 -0.58 -10.77	25.83 -0.50 -10.06	27.97 -0.57 -10.26	28.40 -0.59 -10.35	29.58 -0.66 -10.60	29.58 -0.59 -10.59	23.86 -0.43 -9.40	22.13 -0.38 -9.03	28.71 -0.64 -10.39	32.61 -0.78 -10.39	54.09 -1.54 -9.03	92.65 -2.05 0.00	28.25 -0.47 0.00	26.90 -0.19 0.00	26.24 0.09 0.00	27.79 0.24 0.00

NORTHPORT___1 23551	18.67 1.45 0.00	20.32 1.55 0.00	20.52 1.44 0.00	21.92 1.42 0.00	23.82 1.71 0.00	26.11 1.86 0.00	66.34 4.62 0.00	34.98 2.74 0.00	25.81 2.00 -3.57	23.93 1.61 -6.05	23.35 1.73 -3.34	20.47 1.82 0.00	21.58 1.94 0.00	21.40 1.82 0.00	16.47 1.34 -0.23	16.93 1.16 -2.28	20.54 1.58 0.00	24.93 1.93 0.00	50.31 3.71 0.00	101.55 6.85 0.00	30.69 1.97 0.00	29.01 1.92 0.00	28.08 1.93 0.00	29.43 1.88 0.00
NORTHPORT___2 23552	18.67 1.45 0.00	20.32 1.55 0.00	20.52 1.44 0.00	21.92 1.42 0.00	23.82 1.71 0.00	26.11 1.86 0.00	66.34 4.62 0.00	34.98 2.74 0.00	25.81 2.00 -3.57	23.93 1.61 -6.05	23.35 1.73 -3.34	20.47 1.82 0.00	21.58 1.94 0.00	21.40 1.82 0.00	16.47 1.34 -0.23	16.93 1.16 -2.28	20.54 1.58 0.00	24.93 1.93 0.00	50.31 3.71 0.00	101.55 6.85 0.00	30.69 1.97 0.00	29.01 1.92 0.00	28.08 1.93 0.00	29.43 1.88 0.00
NORTHPORT___3 23553	18.57 1.36 0.00	20.23 1.46 0.00	20.42 1.35 0.00	21.83 1.33 0.00	23.69 1.58 0.00	26.01 1.76 0.00	66.25 4.53 0.00	34.87 2.62 0.00	25.66 1.85 -3.57	23.84 1.52 -6.05	23.27 1.65 -3.34	20.39 1.75 0.00	21.49 1.85 0.00	21.31 1.73 0.00	16.39 1.26 -0.23	16.88 1.11 -2.28	20.50 1.54 0.00	24.89 1.88 0.00	50.26 3.66 0.00	101.42 6.72 0.00	30.68 1.96 0.00	28.94 1.85 0.00	28.01 1.86 0.00	29.33 1.78 0.00
NORTHPORT___4 23650	18.57 1.36 0.00	20.23 1.46 0.00	20.42 1.35 0.00	21.83 1.33 0.00	23.69 1.58 0.00	26.01 1.76 0.00	66.25 4.53 0.00	34.87 2.62 0.00	25.66 1.85 -3.57	23.84 1.52 -6.05	23.27 1.65 -3.34	20.39 1.75 0.00	21.49 1.85 0.00	21.31 1.73 0.00	16.39 1.26 -0.23	16.88 1.11 -2.28	20.50 1.54 0.00	24.89 1.88 0.00	50.26 3.66 0.00	101.42 6.72 0.00	30.68 1.96 0.00	28.94 1.85 0.00	28.01 1.86 0.00	29.33 1.78 0.00
NORTHPORT___IC 23718	18.67 1.45 0.00	20.32 1.55 0.00	20.52 1.44 0.00	21.93 1.42 0.00	23.82 1.71 0.00	26.11 1.86 0.00	66.34 4.62 0.00	34.99 2.74 0.00	25.80 2.00 -3.57	23.93 1.61 -6.05	23.36 1.73 -3.34	20.47 1.83 0.00	21.57 1.94 0.00	21.39 1.82 0.00	16.47 1.34 -0.23	16.93 1.16 -2.28	20.54 1.58 0.00	24.93 1.93 0.00	50.31 3.71 0.00	101.55 6.85 0.00	30.69 1.97 0.00	29.01 1.92 0.00	28.08 1.93 0.00	29.43 1.88 0.00
NORTH___COUNTRY_ESR 323785	-23.90 -0.78 40.34	-24.01 -0.83 41.95	-24.01 -0.75 42.34	-24.08 -0.76 43.82	-16.61 -0.78 37.93	23.54 -0.72 0.00	7.53 -2.42 51.77	-24.96 -1.21 55.99	-24.12 -0.83 43.52	-25.04 -0.67 40.64	-23.97 -0.81 41.44	-24.02 -0.85 41.82	-24.10 -0.88 42.86	-24.08 -0.84 42.82	-23.73 -0.62 38.00	-23.62 -0.56 36.54	-24.01 -0.85 42.13	-24.34 -1.06 46.28	7.87 -2.12 36.61	91.70 -3.00 0.00	28.10 -0.62 0.00	26.86 -0.23 0.00	26.11 -0.05 0.00	27.68 0.13 0.00
NPX_GEN_1385_PROXY 323591	18.66 1.45 0.00	20.28 1.51 0.00	20.48 1.40 0.00	21.89 1.39 0.00	23.99 1.88 0.00	26.19 1.93 0.00	66.57 4.85 0.00	35.33 3.08 0.00	26.08 2.27 -3.57	23.87 1.55 -6.05	23.20 1.58 -3.34	20.22 1.57 0.00	21.48 1.84 0.00	21.27 1.69 0.00	16.37 1.24 -0.23	16.86 1.09 -2.28	20.60 1.64 0.00	25.07 2.06 0.00	50.22 3.62 0.00	101.36 6.66 0.00	30.63 1.92 0.00	29.01 1.92 0.00	28.03 1.87 0.00	29.37 1.82 0.00
NPX_GEN_CSC 323557	18.65 1.44 0.00	20.31 1.54 0.00	20.51 1.44 0.00	21.88 1.38 0.00	23.78 1.67 0.00	25.96 1.71 0.00	66.09 4.37 0.00	34.99 2.74 0.00	25.75 1.94 -3.57	24.01 1.69 -6.05	23.45 1.82 -3.34	20.60 1.95 0.00	21.69 2.06 0.00	21.45 1.88 0.00	16.50 1.37 -0.23	16.93 1.16 -2.28	20.50 1.54 0.00	24.87 1.86 0.00	50.26 3.67 0.00	101.46 6.76 0.00	30.59 1.87 0.00	28.89 1.80 0.00	27.83 1.68 0.00	29.09 1.54 0.00
NSINS_S_GLNS_FALLS 23858	18.07 0.86 0.00	19.71 0.94 0.00	19.97 0.89 0.00	21.58 1.08 0.00	23.34 1.23 0.00	25.84 1.59 0.00	66.53 4.81 0.00	34.83 2.58 0.00	21.62 1.39 0.00	17.22 0.95 0.00	19.43 1.15 0.00	19.91 1.26 0.00	20.98 1.34 0.00	20.94 1.36 0.00	15.82 0.92 0.00	14.27 0.78 0.00	20.31 1.34 0.00	24.80 1.79 0.00	50.20 3.59 0.00	101.40 6.70 0.00	30.64 1.92 0.00	28.75 1.67 0.00	27.55 1.39 0.00	28.91 1.37 0.00
NUCOR_STEEL___DRP 24197	17.19 -0.03 0.00	18.73 -0.04 0.00	19.03 -0.04 0.00	20.37 -0.13 0.00	21.96 -0.15 0.00	24.12 -0.13 0.00	61.34 -0.37 0.00	32.11 -0.14 0.00	20.14 -0.09 0.00	16.23 -0.04 0.00	18.26 -0.02 0.00	18.58 -0.07 0.00	19.49 -0.14 0.00	19.40 -0.18 0.00	14.77 -0.12 0.00	13.41 -0.08 0.00	18.85 -0.11 0.00	22.92 -0.08 0.00	46.58 -0.02 0.00	94.67 -0.03 0.00	28.57 -0.15 0.00	26.99 -0.10 0.00	26.05 -0.11 0.00	27.34 -0.20 0.00
NUMBER_THREE_WT_PWR 323818	18.43 -0.54 -1.76	20.22 -0.38 -1.83	20.26 -0.66 -1.85	21.85 -0.56 -1.91	23.29 -0.47 -1.65	23.55 -0.70 0.00	62.89 -1.08 -2.26	34.25 -0.44 -2.44	21.79 -0.35 -1.90	17.60 -0.45 -1.77	19.48 -0.60 -1.81	19.72 -0.74 -1.82	20.66 -0.84 -1.87	20.58 -0.86 -1.87	15.91 -0.65 -1.66	14.62 -0.46 -1.59	20.10 -0.66 -1.80	20.61 -0.69 1.70	47.08 -1.09 -1.57	93.14 -1.56 0.00	28.40 -0.32 0.00	26.94 -0.15 0.00	26.29 0.14 0.00	27.97 0.42 0.00
NYISO_LBMP_REFERENCE 24008	17.22 0.00 0.00	18.77 0.00 0.00	19.08 0.00 0.00	20.50 0.00 0.00	22.11 0.00 0.00	24.25 0.00 0.00	61.72 0.00 0.00	32.25 0.00 0.00	20.24 0.00 0.00	16.27 0.00 0.00	18.28 0.00 0.00	18.64 0.00 0.00	19.64 0.00 0.00	19.58 0.00 0.00	14.90 0.00 0.00	13.48 0.00 0.00	18.96 0.00 0.00	23.01 0.00 0.00	46.60 0.00 0.00	94.70 0.00 0.00	28.72 0.00 0.00	27.09 0.00 0.00	26.15 0.00 0.00	27.55 0.00 0.00
NYPA_BRENTWD___GT 24164	18.81 1.60 0.00	20.48 1.71 0.00	20.69 1.61 0.00	22.10 1.60 0.00	24.00 1.89 0.00	26.33 2.08 0.00	67.10 5.39 0.00	35.38 3.14 0.00	25.99 2.18 -3.57	24.09 1.77 -6.05	23.54 1.92 -3.34	20.66 2.01 0.00	21.75 2.11 0.00	21.56 1.98 0.00	16.60 1.47 -0.23	17.06 1.29 -2.28	20.76 1.80 0.00	25.24 2.23 0.00	51.02 4.42 0.00	102.97 8.27 0.00	31.10 2.39 0.00	29.36 2.27 0.00	28.38 2.23 0.00	29.72 2.17 0.00
NYPA_GOWANUS___GT5 24156	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.89 1.89 0.00	50.22 3.62 0.00	101.84 7.14 0.00	260.56 2.18 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01
NYPA_GOWANUS___GT6 24157	18.57 1.36 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.62 4.90 0.00	34.95 2.68 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.74 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.89 1.89 0.00	50.22 3.62 0.00	101.84 7.14 0.00	260.56 2.18 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01

NYPA_HARLEM__RVR__GT1 24160	18.40 1.18 0.00	20.03 1.26 0.00	20.20 1.12 0.00	21.60 1.10 0.00	23.41 1.29 0.00	25.78 1.53 0.00	66.03 4.31 0.00	34.64 2.40 0.00	21.85 1.62 0.00	18.35 1.37 -0.71	22.95 1.46 -3.21	20.22 1.58 0.00	21.26 1.62 0.00	21.14 1.57 0.00	16.30 1.18 -0.22	16.77 1.04 -2.25	20.36 1.40 0.00	24.70 1.70 0.00	49.85 3.25 0.00	100.80 6.10 0.00	30.61 1.89 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
NYPA_HARLEM__RVR__GT2 24161	18.40 1.18 0.00	20.03 1.26 0.00	20.20 1.12 0.00	21.60 1.10 0.00	23.41 1.29 0.00	25.78 1.53 0.00	66.03 4.31 0.00	34.64 2.40 0.00	21.85 1.62 0.00	18.35 1.37 -0.71	22.95 1.46 -3.21	20.22 1.58 0.00	21.26 1.62 0.00	21.14 1.57 0.00	16.30 1.18 -0.22	16.77 1.04 -2.25	20.36 1.40 0.00	24.70 1.70 0.00	49.85 3.25 0.00	100.80 6.10 0.00	30.61 1.89 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
NYPA_KENT____GT 24152	18.53 1.32 0.00	20.20 1.43 0.00	20.36 1.29 0.00	21.78 1.28 0.00	23.57 1.46 0.00	25.97 1.72 0.00	66.47 4.75 0.00	34.87 2.61 -0.01	27.04 1.75 -5.06	35.76 1.47 -18.02	43.92 1.59 -24.04	30.51 1.71 -10.15	26.40 1.78 -4.98	21.29 1.71 -0.01	16.44 1.28 -0.26	16.86 1.13 -2.25	33.53 1.54 -13.03	24.87 1.86 0.00	50.13 3.53 0.00	101.54 6.84 0.00	169.92 2.10 -139.10	38.52 1.82 -9.60	67.89 1.91 -39.82	29.41 1.86 0.00
NYPA_POUCH1____GT 24155	18.55 1.33 0.00	20.23 1.47 0.00	20.42 1.34 0.00	21.84 1.33 0.00	23.62 1.50 0.00	26.01 1.75 0.00	66.53 4.81 0.00	34.88 2.62 -0.02	30.33 1.74 -8.35	47.01 1.45 -29.29	57.47 1.57 -37.61	37.10 1.70 -16.76	29.62 1.75 -8.23	21.27 1.68 -0.02	16.40 1.25 -0.26	16.82 1.08 -2.25	38.81 1.49 -18.36	24.79 1.79 0.00	50.03 3.43 0.00	101.70 7.00 0.00	260.55 2.16 -229.67	44.82 1.86 -15.86	93.84 1.93 -65.76	29.45 1.89 -0.01
NYPA_VERNON____GT2 24162	18.48 1.27 0.00	20.14 1.37 0.00	20.31 1.23 0.00	21.72 1.22 0.00	23.51 1.40 0.00	25.91 1.66 0.00	66.30 4.58 0.00	34.78 2.53 0.00	23.71 1.71 -1.76	24.45 1.44 -6.75	30.32 1.55 -10.48	23.86 1.67 -3.54	23.12 1.74 -1.74	21.25 1.67 0.00	16.42 1.26 -0.27	16.85 1.11 -2.25	28.12 1.51 -7.65	24.82 1.82 0.00	50.05 3.45 0.00	101.23 6.53 0.00	79.27 2.02 -48.53	32.21 1.77 -3.35	41.90 1.85 -13.89	29.34 1.79 0.00
NYPA_VERNON____GT3 24163	18.48 1.27 0.00	20.14 1.37 0.00	20.31 1.23 0.00	21.72 1.22 0.00	23.51 1.40 0.00	25.91 1.66 0.00	66.30 4.58 0.00	34.78 2.53 0.00	23.71 1.71 -1.76	24.45 1.44 -6.75	30.32 1.55 -10.48	23.86 1.67 -3.54	23.12 1.74 -1.74	21.25 1.67 0.00	16.42 1.26 -0.27	16.85 1.11 -2.25	28.12 1.51 -7.65	24.82 1.82 0.00	50.05 3.45 0.00	101.23 6.53 0.00	79.27 2.02 -48.53	32.21 1.77 -3.35	41.90 1.85 -13.89	29.34 1.79 0.00
NYPA__ASTORIA_CC1 323568	18.47 1.25 0.00	20.13 1.36 0.00	20.28 1.21 0.00	21.70 1.20 0.00	23.48 1.37 0.00	25.88 1.63 0.00	66.23 4.51 0.00	34.73 2.48 0.00	21.90 1.67 0.00	18.39 1.41 -0.71	23.01 1.51 -3.21	20.28 1.64 0.00	21.33 1.69 0.00	21.20 1.63 0.00	16.39 1.23 -0.26	16.82 1.09 -2.25	24.25 1.47 -3.82	24.80 1.79 0.00	50.00 3.40 0.00	101.13 6.43 0.00	30.69 1.97 0.00	28.81 1.72 0.00	27.95 1.80 0.00	29.28 1.73 0.00
NYPA__ASTORIA_CC2 323569	18.47 1.25 0.00	20.13 1.36 0.00	20.28 1.21 0.00	21.70 1.20 0.00	23.48 1.37 0.00	25.88 1.63 0.00	66.23 4.51 0.00	34.73 2.48 0.00	21.90 1.67 0.00	18.39 1.41 -0.71	23.01 1.51 -3.21	20.28 1.64 0.00	21.33 1.69 0.00	21.20 1.63 0.00	16.39 1.23 -0.26	16.82 1.09 -2.25	24.25 1.47 -3.82	24.80 1.79 0.00	50.00 3.40 0.00	101.13 6.43 0.00	30.69 1.97 0.00	28.81 1.72 0.00	27.95 1.80 0.00	29.28 1.73 0.00
NYPA__HOLTSVILL 23794	18.69 1.47 0.00	20.34 1.57 0.00	20.55 1.47 0.00	21.94 1.44 0.00	23.83 1.72 0.00	26.09 1.84 0.00	66.48 4.76 0.00	35.10 2.85 0.00	25.81 2.01 -3.57	23.99 1.67 -6.05	23.43 1.81 -3.34	20.56 1.92 0.00	21.65 2.01 0.00	21.44 1.86 0.00	16.50 1.37 -0.23	16.95 1.18 -2.28	20.59 1.62 0.00	25.00 1.99 0.00	50.50 3.91 0.00	102.00 7.30 0.00	30.78 2.07 0.00	29.08 1.99 0.00	28.07 1.91 0.00	29.35 1.81 0.00
NYPA__HELLGATE_GT1 24158	18.40 1.18 0.00	20.03 1.26 0.00	20.20 1.12 0.00	21.60 1.10 0.00	23.41 1.29 0.00	25.78 1.53 0.00	65.99 4.27 0.00	34.62 2.38 0.00	21.85 1.62 0.00	18.35 1.37 -0.71	22.95 1.46 -3.21	20.22 1.58 0.00	21.26 1.62 0.00	21.14 1.57 0.00	16.30 1.18 -0.22	16.77 1.04 -2.25	20.36 1.40 0.00	24.70 1.70 0.00	49.86 3.27 0.00	100.85 6.15 0.00	30.61 1.89 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
NYPA__HELLGATE_GT2 24159	18.40 1.18 0.00	20.03 1.26 0.00	20.20 1.12 0.00	21.60 1.10 0.00	23.41 1.29 0.00	25.78 1.53 0.00	65.99 4.27 0.00	34.62 2.38 0.00	21.85 1.62 0.00	18.35 1.37 -0.71	22.95 1.46 -3.21	20.22 1.58 0.00	21.26 1.62 0.00	21.14 1.57 0.00	16.30 1.18 -0.22	16.77 1.04 -2.25	20.36 1.40 0.00	24.70 1.70 0.00	49.86 3.27 0.00	100.85 6.15 0.00	30.61 1.89 0.00	28.70 1.61 0.00	27.90 1.75 0.00	29.22 1.67 0.00
NYS_BARGE__HYD 23848	16.14 -1.08 0.00	17.44 -1.33 0.00	17.80 -1.27 0.00	19.25 -1.25 0.00	20.68 -1.43 0.00	22.68 -1.57 0.00	56.74 -4.98 0.00	29.20 -3.04 0.00	18.46 -1.78 0.00	14.83 -1.45 0.00	16.87 -1.42 0.00	16.92 -1.73 0.00	17.80 -1.83 0.00	17.75 -1.83 0.00	13.49 -1.41 0.00	12.18 -1.31 0.00	17.05 -1.91 0.00	20.78 -2.22 0.00	42.49 -4.10 0.00	87.05 -7.65 0.00	26.04 -2.67 0.00	24.84 -2.25 0.00	24.05 -2.11 0.00	25.65 -1.90 0.00
OAK ORCHARD__HYD 24046	16.65 -0.57 0.00	18.06 -0.71 0.00	18.38 -0.70 0.00	19.83 -0.68 0.00	21.34 -0.77 0.00	23.39 -0.86 0.00	59.14 -2.58 0.00	30.68 -1.57 0.00	19.34 -0.89 0.00	15.55 -0.72 0.00	17.59 -0.69 0.00	17.79 -0.86 0.00	18.74 -0.90 0.00	18.69 -0.89 0.00	14.19 -0.71 0.00	12.81 -0.67 0.00	17.98 -0.98 0.00	21.91 -1.09 0.00	44.65 -1.94 0.00	91.02 -3.68 0.00	27.37 -1.34 0.00	25.94 -1.15 0.00	24.99 -1.16 0.00	26.46 -1.08 0.00
OAKDALE__35_KV_LOAD 356122	17.20 -0.02 0.00	18.80 0.03 0.00	19.05 -0.03 0.00	20.48 -0.02 0.00	22.11 0.00 0.00	24.26 0.01 0.00	61.83 0.11 0.00	32.22 -0.03 0.00	20.29 0.05 0.00	16.26 -0.02 0.00	18.29 0.01 0.00	18.61 -0.04 0.00	19.65 0.01 0.00	19.59 0.01 0.00	14.81 -0.09 0.00	13.43 -0.05 0.00	18.88 -0.08 0.00	22.97 -0.04 0.00	46.68 0.08 0.00	94.77 0.07 0.00	28.64 -0.08 0.00	27.03 -0.06 0.00	26.14 -0.01 0.00	27.61 0.06 0.00
OCC_CHEM__DRP 24175	15.89 -1.33 0.00	17.17 -1.61 0.00	17.52 -1.56 0.00	18.95 -1.56 0.00	20.35 -1.76 0.00	22.29 -1.96 0.00	55.55 -6.17 0.00	28.46 -3.78 0.00	17.96 -2.27 0.00	14.45 -1.83 0.00	16.44 -1.84 0.00	16.53 -2.12 0.00	17.42 -2.22 0.00	17.39 -2.19 0.00	13.23 -1.67 0.00	11.92 -1.56 0.00	16.70 -2.26 0.00	20.34 -2.67 0.00	41.55 -5.05 0.00	85.16 -9.54 0.00	25.49 -3.22 0.00	24.35 -2.74 0.00	23.49 -2.67 0.00	25.06 -2.49 0.00

OH_GEN_PROXY 24063	16.04 -1.18 0.00	17.36 -1.41 0.00	17.70 -1.37 0.00	19.13 -1.37 0.00	20.56 -1.55 0.00	22.52 -1.73 0.00	56.41 -5.31 0.00	29.04 -3.20 0.00	18.34 -1.89 0.00	14.75 -1.53 0.00	16.77 -1.51 0.00	16.87 -1.77 0.00	17.81 -1.83 0.00	17.76 -1.81 0.00	13.48 -1.42 0.00	12.17 -1.31 0.00	17.04 -1.92 0.00	36.91 -2.25 -16.16	42.37 -4.23 0.00	86.72 -7.98 0.00	25.96 -2.76 0.00	24.74 -2.35 0.00	23.86 -2.29 0.00	25.44 -2.10 0.00
OLIN_CORP_DRP 24177	15.88 -1.34 0.00	17.15 -1.62 0.00	17.51 -1.57 0.00	18.93 -1.57 0.00	20.33 -1.78 0.00	22.29 -1.96 0.00	55.74 -5.98 0.00	28.67 -3.58 0.00	18.10 -2.14 0.00	14.55 -1.73 0.00	16.55 -1.73 0.00	16.63 -2.02 0.00	17.51 -2.13 0.00	17.47 -2.11 0.00	13.28 -1.61 0.00	11.98 -1.50 0.00	16.78 -2.18 0.00	20.45 -2.56 0.00	41.80 -4.79 0.00	85.68 -9.02 0.00	25.64 -3.08 0.00	24.49 -2.60 0.00	23.64 -2.51 0.00	25.21 -2.34 0.00
OLIN_CORP_DSASP 323712	15.89 -1.32 0.00	17.17 -1.60 0.00	17.53 -1.55 0.00	18.94 -1.56 0.00	20.35 -1.76 0.00	22.29 -1.96 0.00	55.55 -6.16 0.00	28.47 -3.78 0.00	17.98 -2.26 0.00	14.46 -1.81 0.00	16.45 -1.83 0.00	16.53 -2.12 0.00	17.43 -2.21 0.00	17.40 -2.17 0.00	13.23 -1.67 0.00	11.93 -1.55 0.00	16.71 -2.25 0.00	20.35 -2.65 0.00	41.55 -5.05 0.00	85.15 -9.55 0.00	25.49 -3.22 0.00	24.33 -2.76 0.00	23.48 -2.68 0.00	25.06 -2.49 0.00
ONEIDA_HERK_LFGE 323681	18.15 0.09 -0.83	19.82 0.18 -0.87	20.02 0.06 -0.88	21.55 0.14 -0.91	23.12 0.22 -0.79	24.45 0.20 0.00	63.76 0.97 -1.07	33.98 0.57 -1.16	21.49 0.35 -0.90	17.32 0.21 -0.84	19.33 0.19 -0.86	19.62 0.11 -0.87	20.63 0.10 -0.89	20.54 0.08 -0.89	15.75 0.06 -0.79	14.36 0.12 -0.76	19.98 0.18 -0.84	25.50 0.30 -2.20	48.08 0.75 -0.73	96.47 1.77 0.00	29.27 0.56 0.00	27.65 0.56 0.00	26.78 0.63 0.00	28.29 0.74 0.00
ONEIDA___115KV_TB4 55905	17.58 0.36 0.00	19.20 0.43 0.00	19.46 0.38 0.00	20.94 0.43 0.00	22.60 0.49 0.00	24.81 0.56 0.00	63.47 1.75 0.00	33.20 0.95 0.00	20.87 0.63 0.00	16.76 0.49 0.00	18.81 0.53 0.00	19.12 0.48 0.00	20.13 0.50 0.00	20.05 0.47 0.00	15.24 0.34 0.00	13.82 0.34 0.00	19.48 0.51 0.00	24.12 0.68 -0.43	48.11 1.51 0.00	97.70 3.01 0.00	29.58 0.86 0.00	27.90 0.81 0.00	26.95 0.80 0.00	28.37 0.82 0.00
ONONDAGA_REF_OCCRA 23987	17.10 -0.12 0.00	18.62 -0.15 0.00	18.89 -0.19 0.00	20.30 -0.20 0.00	21.86 -0.25 0.00	23.94 -0.31 0.00	61.03 -0.69 0.00	31.86 -0.39 0.00	20.06 -0.18 0.00	16.15 -0.12 0.00	18.16 -0.13 0.00	18.47 -0.17 0.00	19.45 -0.19 0.00	19.38 -0.19 0.00	14.73 -0.16 0.00	13.34 -0.15 0.00	18.74 -0.21 0.00	22.74 -0.27 0.00	46.12 -0.48 0.00	93.57 -1.13 0.00	28.30 -0.42 0.00	26.73 -0.36 0.00	25.81 -0.34 0.00	27.19 -0.36 0.00
ONONDAGA___COGEN 23986	17.06 -0.16 0.00	18.59 -0.18 0.00	18.86 -0.22 0.00	20.27 -0.24 0.00	21.81 -0.30 0.00	23.89 -0.36 0.00	60.87 -0.85 0.00	31.79 -0.46 0.00	20.01 -0.23 0.00	16.12 -0.15 0.00	18.13 -0.16 0.00	18.43 -0.21 0.00	19.41 -0.23 0.00	19.33 -0.25 0.00	14.70 -0.20 0.00	13.31 -0.17 0.00	18.70 -0.26 0.00	22.69 -0.32 0.00	46.05 -0.55 0.00	93.47 -1.23 0.00	28.26 -0.46 0.00	26.68 -0.41 0.00	25.76 -0.40 0.00	27.13 -0.42 0.00
ONTARIO___LFGE 23819	17.04 -0.17 0.00	18.63 -0.14 0.00	18.88 -0.20 0.00	20.35 -0.15 0.00	22.01 -0.11 0.00	24.18 -0.07 0.00	61.42 -0.30 0.00	31.99 -0.26 0.00	20.19 -0.05 0.00	16.08 -0.19 0.00	18.13 -0.15 0.00	18.36 -0.28 0.00	19.36 -0.28 0.00	19.31 -0.27 0.00	14.61 -0.29 0.00	13.25 -0.23 0.00	18.62 -0.34 0.00	22.80 -0.20 0.00	46.45 -0.14 0.00	94.50 -0.19 0.00	28.62 -0.10 0.00	27.01 -0.08 0.00	26.07 -0.09 0.00	27.52 -0.02 0.00
ORANGEVILLE_WT_PWR 323706	15.84 -1.37 0.00	17.13 -1.64 0.00	17.52 -1.56 0.00	19.01 -1.49 0.00	20.42 -1.70 0.00	22.53 -1.72 0.00	56.21 -5.51 0.00	28.77 -3.47 0.00	18.27 -1.96 0.00	14.66 -1.61 0.00	16.67 -1.62 0.00	16.74 -1.91 0.00	17.61 -2.03 0.00	17.55 -2.03 0.00	13.29 -1.61 0.00	12.01 -1.47 0.00	16.86 -2.10 0.00	20.60 -2.41 0.00	42.39 -4.21 0.00	87.41 -7.29 0.00	26.24 -2.48 0.00	25.07 -2.02 0.00	24.11 -2.05 0.00	25.60 -1.95 0.00
ORANGEVILLE___ESR 323794	15.84 -1.37 0.00	17.13 -1.64 0.00	17.52 -1.56 0.00	19.01 -1.49 0.00	20.42 -1.70 0.00	22.53 -1.72 0.00	56.21 -5.51 0.00	28.77 -3.47 0.00	18.27 -1.96 0.00	14.66 -1.61 0.00	16.67 -1.62 0.00	16.74 -1.91 0.00	17.61 -2.03 0.00	17.55 -2.03 0.00	13.29 -1.61 0.00	12.01 -1.47 0.00	16.86 -2.10 0.00	20.60 -2.41 0.00	42.39 -4.21 0.00	87.41 -7.29 0.00	26.24 -2.48 0.00	25.07 -2.02 0.00	24.11 -2.05 0.00	25.60 -1.95 0.00
OSWEGATCHIE___HYD 24044	20.65 -0.55 -3.98	22.43 -0.48 -4.14	22.67 -0.58 -4.18	24.29 -0.54 -4.32	25.35 -0.51 -3.75	23.50 -0.75 0.00	65.12 -1.71 -5.11	36.96 -0.81 -5.53	23.92 -0.61 -4.29	19.69 -0.60 -4.01	21.66 -0.71 -4.09	21.97 -0.80 -4.13	22.95 -0.91 -4.23	22.93 -0.87 -4.23	18.00 -0.65 -3.75	16.57 -0.52 -3.60	22.28 -0.81 -4.13	24.65 -0.89 -2.53	48.59 -1.61 -3.59	92.24 -2.46 0.00	28.11 -0.61 0.00	26.67 -0.42 0.00	26.04 -0.11 0.00	27.62 0.08 0.00
OSWEGO___5 23606	16.77 -0.45 0.00	18.27 -0.50 0.00	18.54 -0.54 0.00	19.92 -0.58 0.00	21.43 -0.68 0.00	23.44 -0.81 0.00	59.68 -2.04 0.00	31.15 -1.10 0.00	19.61 -0.62 0.00	15.80 -0.47 0.00	17.76 -0.53 0.00	18.06 -0.58 0.00	19.01 -0.62 0.00	18.95 -0.63 0.00	14.42 -0.48 0.00	13.05 -0.44 0.00	18.32 -0.64 0.00	22.21 -0.80 0.00	45.05 -1.55 0.00	91.48 -3.21 0.00	27.68 -1.03 0.00	26.15 -0.94 0.00	25.27 -0.89 0.00	26.63 -0.91 0.00
OSWEGO___6 23613	16.77 -0.45 0.00	18.27 -0.50 0.00	18.54 -0.54 0.00	19.92 -0.58 0.00	21.43 -0.68 0.00	23.44 -0.81 0.00	59.68 -2.04 0.00	31.15 -1.10 0.00	19.61 -0.62 0.00	15.80 -0.47 0.00	17.76 -0.53 0.00	18.06 -0.58 0.00	19.01 -0.62 0.00	18.95 -0.63 0.00	14.42 -0.48 0.00	13.05 -0.44 0.00	18.32 -0.64 0.00	22.21 -0.80 0.00	45.05 -1.55 0.00	91.48 -3.21 0.00	27.68 -1.03 0.00	26.15 -0.94 0.00	25.27 -0.89 0.00	26.63 -0.91 0.00
OUTOKUMPU-AB___DRP 24206	16.29 -0.93 0.00	17.61 -1.16 0.00	17.97 -1.11 0.00	19.42 -1.08 0.00	20.86 -1.25 0.00	22.87 -1.38 0.00	57.07 -4.65 0.00	29.30 -2.94 0.00	18.50 -1.73 0.00	14.87 -1.40 0.00	16.99 -1.29 0.00	17.05 -1.60 0.00	17.96 -1.68 0.00	17.95 -1.62 0.00	13.63 -1.27 0.00	12.29 -1.19 0.00	17.24 -1.72 0.00	21.03 -1.97 0.00	43.04 -3.56 0.00	88.18 -6.52 0.00	26.37 -2.35 0.00	25.15 -1.94 0.00	24.27 -1.88 0.00	25.86 -1.69 0.00
OXBOW___BTM 323836	16.13 -1.09 0.00	17.43 -1.34 0.00	17.79 -1.29 0.00	19.23 -1.27 0.00	20.65 -1.46 0.00	22.63 -1.62 0.00	56.44 -5.28 0.00	28.97 -3.28 0.00	18.30 -1.94 0.00	14.71 -1.56 0.00	16.77 -1.51 0.00	16.84 -1.81 0.00	17.75 -1.89 0.00	17.73 -1.85 0.00	13.47 -1.43 0.00	12.15 -1.33 0.00	17.02 -1.94 0.00	20.75 -2.25 0.00	42.41 -4.19 0.00	86.89 -7.81 0.00	26.00 -2.71 0.00	24.80 -2.29 0.00	23.93 -2.23 0.00	25.52 -2.02 0.00

OXBOW____ 24026	16.13 -1.09 0.00	17.42 -1.35 0.00	17.78 -1.30 0.00	19.23 -1.27 0.00	20.65 -1.46 0.00	22.63 -1.62 0.00	56.44 -5.28 0.00	28.96 -3.29 0.00	18.28 -1.95 0.00	14.69 -1.58 0.00	16.76 -1.52 0.00	16.83 -1.82 0.00	17.74 -1.90 0.00	17.72 -1.86 0.00	13.46 -1.44 0.00	12.14 -1.34 0.00	17.01 -1.95 0.00	20.74 -2.26 0.00	42.41 -4.19 0.00	86.90 -7.80 0.00	26.00 -2.71 0.00	24.81 -2.28 0.00	23.94 -2.22 0.00	25.52 -2.02 0.00
OXY_CHEM_DSASP 323612	15.89 -1.33 0.00	17.17 -1.61 0.00	17.52 -1.56 0.00	18.95 -1.56 0.00	20.35 -1.76 0.00	22.29 -1.96 0.00	55.55 -6.17 0.00	28.46 -3.78 0.00	17.96 -2.27 0.00	14.45 -1.83 0.00	16.44 -1.84 0.00	16.53 -2.12 0.00	17.42 -2.22 0.00	17.39 -2.19 0.00	13.23 -1.67 0.00	11.92 -1.56 0.00	16.70 -2.26 0.00	20.34 -2.67 0.00	41.55 -5.05 0.00	85.16 -9.54 0.00	25.49 -3.22 0.00	24.35 -2.74 0.00	23.49 -2.67 0.00	25.06 -2.49 0.00
OZONE_PARK_ESR 323760	18.61 1.39 0.00	20.28 1.51 0.00	20.47 1.39 0.00	21.87 1.37 0.00	23.65 1.54 0.00	26.09 1.84 0.00	66.74 5.02 0.00	35.03 2.78 0.00	22.08 1.84 0.00	18.52 1.53 -0.71	23.18 1.68 -3.22	20.44 1.79 0.00	21.52 1.88 0.00	21.38 1.81 0.00	16.46 1.34 -0.23	16.93 1.19 -2.26	20.63 1.67 0.00	25.05 2.05 0.00	50.56 3.96 0.00	102.18 7.48 0.00	30.99 2.27 0.00	29.11 2.02 0.00	28.22 2.06 0.00	29.53 1.99 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.89 -1.33 0.00	17.17 -1.61 0.00	17.52 -1.56 0.00	18.95 -1.56 0.00	20.35 -1.76 0.00	22.29 -1.96 0.00	55.55 -6.17 0.00	28.46 -3.78 0.00	17.96 -2.27 0.00	14.45 -1.83 0.00	16.44 -1.84 0.00	16.53 -2.12 0.00	17.42 -2.22 0.00	17.39 -2.19 0.00	13.23 -1.67 0.00	11.92 -1.56 0.00	16.70 -2.26 0.00	20.34 -2.67 0.00	41.55 -5.05 0.00	85.16 -9.54 0.00	25.49 -3.22 0.00	24.35 -2.74 0.00	23.49 -2.67 0.00	25.06 -2.49 0.00
PACKARD__115KV_DUPONT_184 80571	15.89 -1.33 0.00	17.17 -1.61 0.00	17.52 -1.56 0.00	18.95 -1.56 0.00	20.35 -1.76 0.00	22.29 -1.96 0.00	55.55 -6.17 0.00	28.46 -3.78 0.00	17.96 -2.27 0.00	14.45 -1.83 0.00	16.44 -1.84 0.00	16.53 -2.12 0.00	17.42 -2.22 0.00	17.39 -2.19 0.00	13.23 -1.67 0.00	11.92 -1.56 0.00	16.70 -2.26 0.00	20.34 -2.67 0.00	41.55 -5.05 0.00	85.16 -9.54 0.00	25.49 -3.22 0.00	24.35 -2.74 0.00	23.49 -2.67 0.00	25.06 -2.49 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.42 1.20 0.00	20.08 1.31 0.00	20.27 1.19 0.00	21.65 1.15 0.00	23.45 1.34 0.00	25.83 1.58 0.00	66.15 4.43 0.00	34.67 2.43 0.00	21.86 1.62 0.00	18.34 1.35 -0.71	22.94 1.45 -3.21	20.21 1.56 0.00	21.25 1.61 0.00	21.12 1.55 0.00	16.29 1.17 -0.23	16.77 1.03 -2.25	20.36 1.40 0.00	24.71 1.71 0.00	49.88 3.28 0.00	100.88 6.18 0.00	30.61 1.89 0.00	28.71 1.62 0.00	27.88 1.73 0.00	29.22 1.67 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.55 1.33 0.00	20.22 1.45 0.00	20.37 1.29 0.00	21.77 1.27 0.00	23.61 1.49 0.00	26.02 1.77 0.00	66.68 4.96 0.00	35.01 2.76 0.00	22.05 1.81 0.00	18.47 1.49 -0.71	23.09 1.59 -3.21	20.35 1.71 0.00	21.38 1.74 0.00	21.26 1.68 0.00	16.38 1.26 -0.23	16.88 1.14 -2.25	20.50 1.54 0.00	24.87 1.86 0.00	50.29 3.69 0.00	101.53 6.83 0.00	30.79 2.07 0.00	28.91 1.82 0.00	28.09 1.94 0.00	29.42 1.88 0.00
PATROON__115KV_TB1 80586	17.77 0.56 0.00	19.37 0.60 0.00	19.63 0.56 0.00	21.08 0.58 0.00	22.76 0.64 0.00	25.02 0.77 0.00	64.06 2.34 0.00	33.51 1.27 0.00	20.96 0.73 0.00	16.85 0.58 0.00	18.98 0.70 0.00	19.41 0.77 0.00	20.46 0.82 0.00	20.39 0.82 0.00	15.59 0.67 -0.03	14.34 0.57 -0.29	19.78 0.82 0.00	24.01 1.01 0.00	48.53 1.93 0.00	98.18 3.48 0.00	29.81 1.09 0.00	28.01 0.92 0.00	27.02 0.87 0.00	28.33 0.78 0.00
PATTRSNVILLE__SOLAR 323815	17.86 0.64 0.00	19.47 0.70 0.00	19.75 0.67 0.00	21.23 0.73 0.00	22.94 0.82 0.00	25.24 0.99 0.00	64.49 2.77 0.00	33.71 1.47 0.00	21.10 0.86 0.00	16.92 0.65 0.00	18.99 0.71 0.00	19.40 0.76 0.00	20.44 0.80 0.00	20.35 0.77 0.00	15.45 0.56 0.00	13.99 0.51 0.00	19.77 0.81 0.00	24.06 1.06 0.00	48.80 2.20 0.00	98.89 4.19 0.00	29.96 1.24 0.00	28.21 1.13 0.00	27.23 1.08 0.00	28.62 1.07 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.74 -0.48 0.00	18.15 -0.62 0.00	18.51 -0.57 0.00	20.01 -0.49 0.00	21.51 -0.60 0.00	23.57 -0.68 0.00	59.16 -2.55 0.00	30.50 -1.75 0.00	19.26 -0.97 0.00	15.44 -0.83 0.00	17.58 -0.70 0.00	17.71 -0.94 0.00	18.69 -0.94 0.00	18.65 -0.93 0.00	14.12 -0.78 0.00	12.77 -0.71 0.00	17.91 -1.05 0.00	21.81 -1.20 0.00	44.62 -1.98 0.00	91.34 -3.36 0.00	27.33 -1.39 0.00	26.03 -1.06 0.00	25.11 -1.04 0.00	26.73 -0.81 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.45 1.23 0.00	20.11 1.34 0.00	20.33 1.25 0.00	21.77 1.27 0.00	23.55 1.44 0.00	25.98 1.73 0.00	66.52 4.80 0.00	34.88 2.63 0.00	21.91 1.68 0.00	17.81 1.33 -0.20	20.67 1.47 -0.92	20.21 1.57 0.00	21.30 1.66 0.00	21.20 1.62 0.00	16.14 1.18 -0.07	15.22 1.06 -0.68	20.51 1.55 0.00	24.97 1.97 0.00	50.55 3.95 0.00	102.16 7.46 0.00	30.94 2.22 0.00	29.06 1.97 0.00	28.11 1.95 0.00	29.47 1.92 0.00
PEEKSKILL____ 23653	18.31 1.09 0.00	19.97 1.20 0.00	20.18 1.10 0.00	21.60 1.09 0.00	23.34 1.24 0.00	25.72 1.47 0.00	65.77 4.06 0.00	34.48 2.23 0.00	21.70 1.46 0.00	18.32 1.18 -0.87	23.51 1.27 -3.95	20.02 1.38 0.00	21.09 1.45 0.00	20.98 1.41 0.00	16.19 1.01 -0.28	17.14 0.89 -2.77	20.24 1.28 0.00	24.60 1.60 0.00	49.73 3.14 0.00	100.48 5.78 0.00	30.44 1.73 0.00	28.62 1.53 0.00	27.75 1.60 0.00	29.10 1.56 0.00
PGE MADISON__WINDPWR 24146	17.97 0.75 0.00	19.92 1.15 0.00	19.99 0.92 0.00	21.57 1.06 0.00	23.55 1.44 0.00	25.65 1.40 0.00	66.70 4.99 0.00	34.96 2.71 0.00	21.87 1.64 0.00	17.44 1.16 0.00	19.36 1.07 0.00	19.61 0.96 0.00	20.43 0.80 0.00	20.38 0.80 0.00	15.37 0.47 0.00	13.98 0.50 0.00	20.07 1.11 0.00	24.69 1.69 0.00	50.60 4.01 0.00	102.73 8.03 0.00	31.31 2.60 0.00	29.35 2.26 0.00	28.38 2.23 0.00	30.11 2.57 0.00
PIERCEFIELD__HYD 23852	22.65 -0.41 -5.84	24.43 -0.42 -6.08	24.85 -0.36 -6.14	26.53 -0.31 -6.35	27.30 -0.31 -5.50	23.68 -0.57 0.00	67.47 -1.76 -7.50	39.48 -0.88 -8.11	25.88 -0.66 -6.31	21.59 -0.57 -5.89	23.66 -0.63 -6.00	24.05 -0.65 -6.06	25.10 -0.74 -6.21	25.12 -0.66 -6.21	19.91 -0.49 -5.50	18.35 -0.42 -5.29	24.32 -0.72 -6.08	27.73 -0.87 -5.60	50.15 -1.73 -5.29	92.16 -2.54 0.00	28.06 -0.65 0.00	26.70 -0.39 0.00	26.08 -0.07 0.00	27.61 0.06 0.00
PINELAWN_CC_1 323563	18.70 1.49 0.00	20.36 1.59 0.00	20.57 1.49 0.00	21.98 1.48 0.00	23.86 1.74 0.00	26.21 1.96 0.00	66.84 5.12 0.00	35.22 2.97 0.00	25.84 2.04 -3.57	23.96 1.64 -6.05	23.41 1.79 -3.34	20.52 1.87 0.00	21.59 1.95 0.00	21.41 1.83 0.00	16.49 1.36 -0.23	16.98 1.21 -2.28	20.65 1.69 0.00	25.13 2.12 0.00	50.82 4.22 0.00	102.50 7.80 0.00	30.98 2.27 0.00	29.24 2.15 0.00	28.27 2.12 0.00	29.58 2.03 0.00

PJM_GEN_HTP_PROXY 323702	18.40 1.24 0.06	20.12 1.35 0.00	20.30 1.22 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.86 1.61 0.00	66.11 4.39 0.00	34.42 2.42 0.24	21.97 1.61 -0.12	18.33 1.35 -0.71	22.98 1.48 -3.22	20.23 1.59 0.00	21.30 1.67 0.00	21.17 1.59 0.00	16.30 1.17 -0.23	16.79 1.04 -2.26	21.26 1.46 -0.84	24.78 1.78 0.00	50.02 3.43 0.00	101.06 6.36 0.00	30.63 1.91 0.00	28.79 1.70 0.00	27.92 1.76 0.00	29.25 1.70 0.00
PJM_GEN_KEystone 24065	17.37 0.22 0.06	19.02 0.25 0.00	19.27 0.20 0.00	20.70 0.21 0.00	22.34 0.23 0.00	24.54 0.29 0.00	62.24 0.53 0.00	32.20 0.20 0.24	20.55 0.19 -0.12	15.36 0.12 1.02	13.83 0.19 4.64	18.83 0.18 0.00	19.89 0.25 0.00	19.81 0.23 0.00	14.65 0.08 0.33	10.35 0.07 3.20	19.85 0.06 -0.84	23.10 0.10 0.00	46.91 0.31 0.00	95.05 0.35 0.00	28.66 -0.06 0.00	27.07 -0.02 0.00	26.27 0.12 0.00	27.74 0.20 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.45 1.29 0.06	20.17 1.40 0.00	20.36 1.28 0.00	21.77 1.26 0.00	23.60 1.49 0.00	25.95 1.70 0.00	66.19 4.47 0.00	34.56 2.56 0.24	25.70 1.77 -3.69	23.77 1.45 -6.05	23.20 1.57 -3.34	20.32 1.67 0.00	21.40 1.76 0.00	21.25 1.67 0.00	16.35 1.22 -0.23	16.84 1.07 -2.28	21.30 1.50 -0.84	24.85 1.85 0.00	50.20 3.60 0.00	101.28 6.58 0.00	30.65 1.93 0.00	28.92 1.83 0.00	28.00 1.84 0.00	29.32 1.77 0.00
PJM_GEN_VFT_PROXY 323633	18.31 1.16 0.06	20.04 1.27 0.00	20.22 1.14 0.00	21.59 1.09 0.00	23.34 1.24 0.00	25.71 1.46 0.00	65.75 4.03 0.00	34.25 2.25 0.24	21.86 1.51 -0.12	18.25 1.27 -0.71	22.76 1.38 -3.09	20.14 1.50 0.00	21.21 1.57 0.00	21.08 1.51 0.00	16.24 1.11 -0.23	16.72 0.98 -2.26	21.17 1.37 -0.84	24.64 1.64 0.00	49.70 3.10 0.00	100.44 5.74 0.00	30.46 1.74 0.00	28.62 1.53 0.00	27.78 1.63 0.00	29.10 1.55 0.00
PLATSBURG_115KV_PMLD1 355749	-21.23 -0.64 37.80	-21.22 -0.68 39.30	-21.19 -0.60 39.67	-21.15 -0.60 41.06	-14.06 -0.63 35.55	23.74 -0.52 0.00	11.34 -1.88 48.51	-21.17 -0.95 52.47	-21.24 -0.70 40.78	-22.38 -0.57 38.08	-21.24 -0.68 38.83	-21.23 -0.69 39.19	-21.27 -0.75 40.16	-21.26 -0.71 40.12	-21.27 -0.56 35.61	-21.25 -0.49 34.24	-21.23 -0.71 39.48	-21.21 -0.88 43.34	10.51 -1.79 34.30	92.20 -2.50 0.00	28.26 -0.46 0.00	27.02 -0.07 0.00	26.26 0.11 0.00	27.83 0.28 0.00
PLEASANTVLY__LBMP 24000	18.18 0.96 0.00	19.82 1.05 0.00	20.04 0.96 0.00	21.46 0.96 0.00	23.19 1.08 0.00	25.55 1.30 0.00	65.36 3.64 0.00	34.25 2.01 0.00	21.52 1.28 0.00	17.51 1.02 -0.22	20.41 1.13 -1.00	19.87 1.23 0.00	20.95 1.31 0.00	20.86 1.28 0.00	15.89 0.92 -0.07	15.02 0.82 -0.72	20.16 1.20 0.00	24.51 1.51 0.00	49.55 2.95 0.00	100.14 5.44 0.00	30.35 1.64 0.00	28.53 1.44 0.00	27.60 1.45 0.00	28.96 1.42 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	18.34 1.13 0.00	20.00 1.23 0.00	20.20 1.12 0.00	21.62 1.12 0.00	23.37 1.26 0.00	25.76 1.51 0.00	65.89 4.18 0.00	34.57 2.33 0.00	21.74 1.50 0.00	18.02 1.22 -0.53	22.02 1.34 -2.40	20.08 1.44 0.00	21.16 1.52 0.00	21.05 1.47 0.00	16.14 1.07 -0.17	16.14 0.96 -1.69	20.31 1.35 0.00	24.70 1.70 0.00	49.95 3.35 0.00	100.92 6.22 0.00	30.57 1.85 0.00	28.73 1.64 0.00	27.83 1.68 0.00	29.19 1.64 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	18.34 1.13 0.00	20.00 1.23 0.00	20.20 1.12 0.00	21.62 1.12 0.00	23.37 1.26 0.00	25.76 1.51 0.00	65.89 4.18 0.00	34.57 2.33 0.00	21.74 1.50 0.00	18.02 1.22 -0.53	22.02 1.34 -2.40	20.08 1.44 0.00	21.16 1.52 0.00	21.05 1.47 0.00	16.14 1.07 -0.17	16.14 0.96 -1.69	20.31 1.35 0.00	24.70 1.70 0.00	49.95 3.35 0.00	100.92 6.22 0.00	30.57 1.85 0.00	28.73 1.64 0.00	27.83 1.68 0.00	29.19 1.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.31 1.09 0.00	19.95 1.18 0.00	20.18 1.10 0.00	21.62 1.12 0.00	23.38 1.27 0.00	25.77 1.52 0.00	65.97 4.25 0.00	34.57 2.32 0.00	21.70 1.47 0.00	17.42 1.15 0.00	19.55 1.27 0.00	20.00 1.36 0.00	21.09 1.45 0.00	21.00 1.42 0.00	15.95 1.03 -0.03	14.72 0.92 -0.31	20.34 1.38 0.00	24.79 1.79 0.00	50.16 3.56 0.00	101.40 6.70 0.00	30.71 2.00 0.00	28.85 1.76 0.00	27.89 1.74 0.00	29.25 1.70 0.00
POLETTI____ 23519	18.43 1.21 0.00	20.09 1.32 0.00	20.27 1.19 0.00	21.65 1.15 0.00	23.40 1.29 0.00	25.80 1.55 0.00	65.96 4.24 0.00	34.61 2.36 0.00	21.81 1.58 0.00	18.31 1.32 -0.71	22.94 1.45 -3.22	20.20 1.56 0.00	21.27 1.63 0.00	21.13 1.56 0.00	16.28 1.15 -0.23	16.77 1.03 -2.26	20.39 1.43 0.00	24.75 1.75 0.00	49.93 3.33 0.00	100.88 6.19 0.00	30.59 1.87 0.00	28.74 1.65 0.00	27.88 1.73 0.00	29.21 1.67 0.00
POMONA____ESR 323819	18.32 1.10 0.00	19.98 1.22 0.00	20.20 1.12 0.00	21.62 1.12 0.00	23.37 1.26 0.00	25.75 1.50 0.00	65.82 4.10 0.00	34.47 2.22 0.00	21.68 1.44 0.00	16.48 1.15 0.94	15.26 1.24 4.26	19.99 1.35 0.00	21.07 1.43 0.00	20.97 1.39 0.00	15.58 0.98 0.30	11.39 0.85 2.95	20.18 1.22 0.00	24.54 1.54 0.00	49.64 3.04 0.00	100.26 5.56 0.00	30.37 1.66 0.00	28.55 1.46 0.00	27.73 1.57 0.00	29.10 1.55 0.00
PORT_JEFF_3 23555	18.72 1.51 0.00	20.38 1.61 0.00	20.59 1.51 0.00	21.98 1.48 0.00	23.87 1.76 0.00	26.16 1.90 0.00	66.63 4.91 0.00	35.18 2.94 0.00	25.86 2.06 -3.57	24.03 1.71 -6.05	23.47 1.85 -3.34	20.60 1.95 0.00	21.69 2.05 0.00	21.48 1.90 0.00	16.53 1.40 -0.23	16.98 1.21 -2.28	20.64 1.68 0.00	25.07 2.06 0.00	50.62 4.02 0.00	102.31 7.61 0.00	30.87 2.15 0.00	29.15 2.06 0.00	28.14 1.98 0.00	29.42 1.87 0.00
PORT_JEFF_4 23616	18.72 1.51 0.00	20.38 1.61 0.00	20.59 1.51 0.00	21.98 1.48 0.00	23.87 1.76 0.00	26.16 1.90 0.00	66.63 4.91 0.00	35.18 2.94 0.00	25.86 2.06 -3.57	24.03 1.71 -6.05	23.47 1.85 -3.34	20.60 1.95 0.00	21.69 2.05 0.00	21.48 1.90 0.00	16.53 1.40 -0.23	16.98 1.21 -2.28	20.64 1.68 0.00	25.07 2.06 0.00	50.62 4.02 0.00	102.31 7.61 0.00	30.87 2.15 0.00	29.15 2.06 0.00	28.14 1.98 0.00	29.42 1.87 0.00
PORT_JEFF_IC 23713	18.74 1.52 0.00	20.39 1.62 0.00	20.60 1.53 0.00	22.00 1.50 0.00	23.89 1.78 0.00	26.18 1.93 0.00	66.70 4.98 0.00	35.21 2.97 0.00	25.88 2.08 -3.57	24.04 1.72 -6.05	23.48 1.86 -3.34	20.61 1.96 0.00	21.70 2.06 0.00	21.49 1.91 0.00	16.54 1.41 -0.23	17.00 1.23 -2.28	20.66 1.70 0.00	25.09 2.09 0.00	50.62 4.02 0.00	102.42 7.72 0.00	30.92 2.20 0.00	29.20 2.11 0.00	28.17 2.01 0.00	29.46 1.91 0.00
PPL PILGRIM_ST_GT1 24216	18.81 1.60 0.00	20.48 1.71 0.00	20.69 1.61 0.00	22.10 1.60 0.00	24.00 1.89 0.00	26.33 2.08 0.00	67.10 5.39 0.00	35.38 3.14 0.00	25.99 2.18 -3.57	24.09 1.77 -6.05	23.54 1.92 -3.34	20.66 2.01 0.00	21.75 2.11 0.00	21.56 1.98 0.00	16.60 1.47 -0.23	17.06 1.29 -2.28	20.76 1.80 0.00	25.24 2.23 0.00	51.02 4.42 0.00	102.97 8.27 0.00	31.10 2.39 0.00	29.36 2.27 0.00	28.38 2.23 0.00	29.72 2.17 0.00

PPL PILGRIM_ST_GT2 24217	18.81 1.60 0.00	20.48 1.71 0.00	20.69 1.61 0.00	22.10 1.60 0.00	24.00 1.89 0.00	26.33 2.08 0.00	67.10 5.39 0.00	35.38 3.14 0.00	25.99 2.18 -3.57	24.09 1.77 -6.05	23.54 1.92 -3.34	20.66 2.01 0.00	21.75 2.11 0.00	21.56 1.98 0.00	16.60 1.47 -0.23	17.06 1.29 -2.28	20.76 1.80 0.00	25.24 2.23 0.00	51.02 4.42 0.00	102.97 8.27 0.00	31.10 2.39 0.00	29.36 2.27 0.00	28.38 2.23 0.00	29.72 2.17 0.00
PPL_SHRM_GT3 24213	18.65 1.44 0.00	20.31 1.54 0.00	20.52 1.44 0.00	21.88 1.38 0.00	23.79 1.68 0.00	25.95 1.70 0.00	66.06 4.34 0.00	34.99 2.74 0.00	25.75 1.95 -3.57	24.01 1.69 -6.05	23.46 1.83 -3.34	20.61 1.97 0.00	21.71 2.07 0.00	21.45 1.88 0.00	16.50 1.37 -0.23	16.92 1.15 -2.28	20.50 1.54 0.00	24.86 1.85 0.00	50.26 3.66 0.00	101.43 6.73 0.00	30.57 1.85 0.00	28.87 1.78 0.00	27.80 1.64 0.00	29.04 1.50 0.00
PPL_SHRM_GT4 24214	18.65 1.44 0.00	20.31 1.54 0.00	20.52 1.44 0.00	21.88 1.38 0.00	23.79 1.68 0.00	25.95 1.70 0.00	66.06 4.34 0.00	34.99 2.74 0.00	25.75 1.95 -3.57	24.01 1.69 -6.05	23.46 1.83 -3.34	20.61 1.97 0.00	21.71 2.07 0.00	21.45 1.88 0.00	16.50 1.37 -0.23	16.92 1.15 -2.28	20.50 1.54 0.00	24.86 1.85 0.00	50.26 3.66 0.00	101.43 6.73 0.00	30.57 1.85 0.00	28.87 1.78 0.00	27.80 1.64 0.00	29.04 1.50 0.00
PROJECT___ORANGE 1 24174	16.97 -0.24 0.00	18.48 -0.29 0.00	18.75 -0.33 0.00	20.15 -0.35 0.00	21.69 -0.43 0.00	23.74 -0.51 0.00	60.49 -1.23 0.00	31.56 -0.68 0.00	19.89 -0.34 0.00	16.02 -0.25 0.00	18.02 -0.26 0.00	18.33 -0.32 0.00	19.30 -0.34 0.00	19.23 -0.34 0.00	14.63 -0.27 0.00	13.24 -0.24 0.00	18.59 -0.37 0.00	22.51 -0.50 0.00	45.63 -0.97 0.00	92.63 -2.07 0.00	28.00 -0.72 0.00	26.47 -0.62 0.00	25.56 -0.59 0.00	26.93 -0.62 0.00
PROJECT___ORANGE 2 24166	16.97 -0.24 0.00	18.48 -0.29 0.00	18.75 -0.33 0.00	20.15 -0.35 0.00	21.69 -0.43 0.00	23.74 -0.51 0.00	60.49 -1.23 0.00	31.56 -0.68 0.00	19.89 -0.34 0.00	16.02 -0.25 0.00	18.02 -0.26 0.00	18.33 -0.32 0.00	19.30 -0.34 0.00	19.23 -0.34 0.00	14.63 -0.27 0.00	13.24 -0.24 0.00	18.59 -0.37 0.00	22.51 -0.50 0.00	45.63 -0.97 0.00	92.63 -2.07 0.00	28.00 -0.72 0.00	26.47 -0.62 0.00	25.56 -0.59 0.00	26.93 -0.62 0.00
PUCKETT___SOLAR 323809	17.33 0.11 0.00	19.08 0.31 0.00	19.25 0.17 0.00	20.71 0.21 0.00	22.46 0.35 0.00	24.52 0.28 0.00	62.74 1.02 0.00	32.75 0.50 0.00	20.61 0.37 0.00	16.47 0.20 0.00	18.46 0.17 0.00	18.71 0.07 0.00	19.69 0.06 0.00	19.67 0.09 0.00	14.87 -0.03 0.00	13.49 0.00 0.00	19.08 0.12 0.00	23.34 0.34 0.00	47.55 0.95 0.00	96.48 1.78 0.00	29.19 0.47 0.00	27.46 0.38 0.00	26.58 0.43 0.00	28.19 0.65 0.00
PYRITES___HYD 24023	22.39 -0.04 -5.22	24.16 -0.03 -5.42	24.61 0.06 -5.47	26.33 0.17 -5.66	27.24 0.22 -4.90	24.36 0.11 0.00	68.54 0.13 -6.69	39.56 0.08 -7.24	25.75 -0.12 -5.63	21.36 -0.16 -5.25	23.44 -0.26 -5.42	23.74 -0.31 -5.41	24.81 -0.37 -5.54	24.84 -0.26 -5.54	19.64 -0.17 -4.91	18.06 -0.14 -4.72	24.15 -0.23 -5.43	27.73 -0.23 -4.96	50.95 -0.36 -4.72	94.92 0.22 0.00	28.86 0.15 0.00	27.40 0.31 0.00	26.63 0.48 0.00	28.16 0.61 0.00
QUAKERRD_115KV_BK1 80622	16.34 -0.88 0.00	17.74 -1.03 0.00	18.04 -1.03 0.00	19.45 -1.05 0.00	20.93 -1.18 0.00	22.95 -1.30 0.00	58.12 -3.60 0.00	30.19 -2.05 0.00	19.03 -1.21 0.00	15.31 -0.97 0.00	17.30 -0.98 0.00	17.51 -1.13 0.00	18.45 -1.19 0.00	18.40 -1.17 0.00	13.98 -0.92 0.00	12.63 -0.85 0.00	17.73 -1.23 0.00	21.59 -1.41 0.00	43.96 -2.64 0.00	89.52 -5.17 0.00	26.95 -1.77 0.00	25.51 -1.58 0.00	24.57 -1.58 0.00	25.98 -1.57 0.00
QUENSBRY_115KV_TB8 356137	18.07 0.85 0.00	19.70 0.93 0.00	19.97 0.89 0.00	21.60 1.09 0.00	23.36 1.25 0.00	25.89 1.64 0.00	66.71 4.99 0.00	34.95 2.70 0.00	21.68 1.44 0.00	17.24 0.97 0.00	19.48 1.20 0.00	19.96 1.32 0.00	21.05 1.41 0.00	21.00 1.43 0.00	15.85 0.95 0.00	14.29 0.80 0.00	20.36 1.40 0.00	24.87 1.87 0.00	50.34 3.74 0.00	101.65 6.95 0.00	30.70 1.99 0.00	28.82 1.73 0.00	27.58 1.42 0.00	28.94 1.40 0.00
RAMAPO___LBMP 323565	18.24 1.03 0.00	19.91 1.14 0.00	20.13 1.05 0.00	21.55 1.04 0.00	23.29 1.18 0.00	25.65 1.40 0.00	65.58 3.87 0.00	34.36 2.11 0.00	21.61 1.38 0.00	16.46 1.09 0.90	15.35 1.17 4.10	19.91 1.26 0.00	20.98 1.35 0.00	20.88 1.30 0.00	15.54 0.93 0.29	11.46 0.81 2.83	20.12 1.16 0.00	24.47 1.46 0.00	49.48 2.89 0.00	99.98 5.28 0.00	30.28 1.57 0.00	28.46 1.38 0.00	27.63 1.48 0.00	29.00 1.46 0.00
RANKINE____ 23646	16.38 -0.83 0.00	17.73 -1.04 0.00	18.10 -0.98 0.00	19.58 -0.92 0.00	21.04 -1.07 0.00	23.09 -1.16 0.00	57.86 -3.86 0.00	29.79 -2.46 0.00	18.84 -1.40 0.00	15.11 -1.17 0.00	17.19 -1.09 0.00	17.29 -1.35 0.00	18.24 -1.40 0.00	18.20 -1.38 0.00	13.78 -1.12 0.00	12.46 -1.03 0.00	17.47 -1.49 0.00	21.31 -1.70 0.00	43.65 -2.95 0.00	89.48 -5.22 0.00	26.76 -1.95 0.00	25.52 -1.57 0.00	24.60 -1.56 0.00	26.19 -1.36 0.00
RAVENSWOOD_GT2_1 24244	18.45 1.24 0.00	20.11 1.34 0.00	20.30 1.22 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.85 1.60 0.00	66.12 4.40 0.00	34.68 2.43 0.00	21.85 1.62 0.00	18.33 1.35 -0.71	22.97 1.47 -3.21	20.23 1.59 0.00	21.31 1.67 0.00	21.17 1.59 0.00	16.30 1.18 -0.23	16.78 1.04 -2.25	20.42 1.46 0.00	24.78 1.78 0.00	50.01 3.41 0.00	101.05 6.35 0.00	30.64 1.93 0.00	28.79 1.70 0.00	27.92 1.76 0.00	29.25 1.71 0.00
RAVENSWOOD_GT2_2 24245	18.45 1.24 0.00	20.11 1.34 0.00	20.30 1.22 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.85 1.60 0.00	66.12 4.40 0.00	34.68 2.43 0.00	21.85 1.62 0.00	18.33 1.35 -0.71	22.97 1.47 -3.21	20.23 1.59 0.00	21.31 1.67 0.00	21.17 1.59 0.00	16.30 1.18 -0.23	16.78 1.04 -2.25	20.42 1.46 0.00	24.78 1.78 0.00	50.01 3.41 0.00	101.05 6.35 0.00	30.64 1.93 0.00	28.79 1.70 0.00	27.92 1.76 0.00	29.25 1.71 0.00
RAVENSWOOD_GT2_3 24246	18.45 1.24 0.00	20.12 1.35 0.00	20.31 1.23 0.00	21.70 1.20 0.00	23.47 1.35 0.00	25.86 1.61 0.00	66.14 4.42 0.00	34.69 2.45 0.00	21.87 1.63 0.00	18.34 1.36 -0.71	22.98 1.49 -3.21	20.24 1.60 0.00	21.31 1.68 0.00	21.18 1.61 0.00	16.31 1.19 -0.23	16.79 1.05 -2.25	20.43 1.46 0.00	24.79 1.79 0.00	50.03 3.43 0.00	101.10 6.40 0.00	30.65 1.94 0.00	28.80 1.71 0.00	27.93 1.78 0.00	29.27 1.72 0.00
RAVENSWOOD_GT2_4 24247	18.45 1.24 0.00	20.12 1.35 0.00	20.31 1.23 0.00	21.70 1.20 0.00	23.47 1.35 0.00	25.86 1.61 0.00	66.14 4.42 0.00	34.69 2.45 0.00	21.87 1.63 0.00	18.34 1.36 -0.71	22.98 1.49 -3.21	20.24 1.60 0.00	21.31 1.68 0.00	21.18 1.61 0.00	16.31 1.19 -0.23	16.79 1.05 -2.25	20.43 1.46 0.00	24.79 1.79 0.00	50.03 3.43 0.00	101.10 6.40 0.00	30.65 1.94 0.00	28.80 1.71 0.00	27.93 1.78 0.00	29.27 1.72 0.00

RAVENSWOOD_GT3_1 24248	18.45 1.24 0.00	20.11 1.34 0.00	20.30 1.23 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.86 1.61 0.00	66.12 4.41 0.00	34.68 2.43 0.00	21.85 1.62 0.00	18.33 1.35 -0.71	22.97 1.48 -3.21	20.23 1.59 0.00	21.31 1.67 0.00	21.17 1.60 0.00	16.30 1.18 -0.23	16.78 1.05 -2.25	20.42 1.46 0.00	24.78 1.78 0.00	50.02 3.43 0.00	101.07 6.37 0.00	30.64 1.93 0.00	28.79 1.70 0.00	27.92 1.77 0.00	29.25 1.71 0.00
RAVENSWOOD_GT3_2 24249	18.45 1.24 0.00	20.11 1.34 0.00	20.30 1.23 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.86 1.61 0.00	66.12 4.41 0.00	34.68 2.43 0.00	21.85 1.62 0.00	18.33 1.35 -0.71	22.97 1.48 -3.21	20.23 1.59 0.00	21.31 1.67 0.00	21.17 1.60 0.00	16.30 1.18 -0.23	16.78 1.05 -2.25	20.42 1.46 0.00	24.78 1.78 0.00	50.02 3.43 0.00	101.07 6.37 0.00	30.64 1.93 0.00	28.79 1.70 0.00	27.92 1.77 0.00	29.25 1.71 0.00
RAVENSWOOD_GT3_3 24250	18.47 1.25 0.00	20.14 1.37 0.00	20.32 1.24 0.00	21.72 1.22 0.00	23.49 1.38 0.00	25.89 1.64 0.00	66.20 4.48 0.00	34.73 2.48 0.00	21.89 1.66 0.00	18.36 1.38 -0.71	23.00 1.51 -3.21	20.27 1.62 0.00	21.34 1.71 0.00	21.21 1.63 0.00	16.33 1.20 -0.23	16.81 1.07 -2.25	20.45 1.49 0.00	24.82 1.82 0.00	50.10 3.50 0.00	101.23 6.53 0.00	30.69 1.98 0.00	28.84 1.75 0.00	27.96 1.81 0.00	29.29 1.75 0.00
RAVENSWOOD_GT3_4 24251	18.47 1.25 0.00	20.14 1.37 0.00	20.32 1.24 0.00	21.72 1.22 0.00	23.49 1.38 0.00	25.89 1.64 0.00	66.20 4.48 0.00	34.73 2.48 0.00	21.89 1.66 0.00	18.36 1.38 -0.71	23.00 1.51 -3.21	20.27 1.62 0.00	21.34 1.71 0.00	21.21 1.63 0.00	16.33 1.20 -0.23	16.81 1.07 -2.25	20.45 1.49 0.00	24.82 1.82 0.00	50.10 3.50 0.00	101.23 6.53 0.00	30.69 1.98 0.00	28.84 1.75 0.00	27.96 1.81 0.00	29.29 1.75 0.00
RAVENSWOOD_GT_1 23729	18.48 1.26 0.00	20.15 1.38 0.00	20.32 1.25 0.00	21.72 1.22 0.00	23.51 1.39 0.00	25.91 1.66 0.00	66.30 4.58 0.00	34.78 2.53 0.00	23.71 1.71 -1.76	24.46 1.44 -6.75	30.32 1.56 -10.48	23.86 1.67 -3.54	23.12 1.75 -1.74	21.25 1.67 0.00	16.42 1.25 -0.27	16.85 1.11 -2.25	28.12 1.51 -7.65	24.82 1.82 0.00	50.05 3.45 0.00	101.24 6.54 0.00	79.27 2.02 -48.53	32.21 1.77 -3.35	41.90 1.84 -13.89	29.34 1.79 0.00
RAVENSWOOD_GT_10 24258	18.45 1.24 0.00	20.11 1.34 0.00	20.30 1.23 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.86 1.61 0.00	66.12 4.40 0.00	34.68 2.43 0.00	22.05 1.62 -0.20	19.03 1.35 -1.41	23.81 1.47 -4.05	20.64 1.59 -0.41	21.51 1.67 -0.20	21.17 1.59 0.00	16.30 1.18 -0.23	16.78 1.04 -2.25	20.42 1.46 0.00	24.78 1.78 0.00	50.02 3.43 0.00	101.07 6.37 0.00	36.24 1.93 -5.60	29.18 1.70 -0.39	29.52 1.77 -1.60	29.25 1.71 0.00
RAVENSWOOD_GT_11 24259	18.45 1.24 0.00	20.11 1.34 0.00	20.30 1.23 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.86 1.61 0.00	66.12 4.40 0.00	34.68 2.43 0.00	22.05 1.62 -0.20	19.03 1.35 -1.41	23.81 1.47 -4.05	20.64 1.59 -0.41	21.51 1.67 -0.20	21.17 1.59 0.00	16.30 1.18 -0.23	16.78 1.04 -2.25	20.42 1.46 0.00	24.78 1.78 0.00	50.02 3.43 0.00	101.07 6.37 0.00	36.24 1.93 -5.60	29.18 1.70 -0.39	29.52 1.77 -1.60	29.25 1.71 0.00
RAVENSWOOD_GT_4 24252	18.45 1.23 0.00	20.11 1.34 0.00	20.30 1.22 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.84 1.59 0.00	66.10 4.38 0.00	34.67 2.42 0.00	23.19 1.61 -1.34	22.92 1.34 -5.31	28.50 1.47 -8.75	22.92 1.58 -2.70	22.63 1.67 -1.33	21.17 1.59 0.00	16.28 1.17 -0.21	16.77 1.03 -2.25	20.41 1.45 0.00	24.78 1.78 0.00	50.02 3.42 0.00	101.06 6.36 0.00	67.59 1.92 -36.96	31.34 1.70 -2.55	38.50 1.76 -10.58	29.25 1.70 0.00
RAVENSWOOD_GT_5 24254	18.45 1.23 0.00	20.11 1.34 0.00	20.30 1.22 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.84 1.59 0.00	66.10 4.38 0.00	34.67 2.42 0.00	23.19 1.61 -1.34	22.92 1.34 -5.31	28.50 1.47 -8.75	22.92 1.58 -2.70	22.63 1.67 -1.33	21.17 1.59 0.00	16.28 1.17 -0.21	16.77 1.03 -2.25	20.41 1.45 0.00	24.78 1.78 0.00	50.02 3.42 0.00	101.06 6.36 0.00	67.59 1.92 -36.96	31.34 1.70 -2.55	38.50 1.76 -10.58	29.25 1.70 0.00
RAVENSWOOD_GT_6 24253	18.45 1.23 0.00	20.11 1.34 0.00	20.30 1.22 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.84 1.59 0.00	66.10 4.38 0.00	34.67 2.42 0.00	23.19 1.61 -1.34	22.92 1.34 -5.31	28.50 1.47 -8.75	22.92 1.58 -2.70	22.63 1.67 -1.33	21.17 1.59 0.00	16.28 1.17 -0.21	16.77 1.03 -2.25	20.41 1.45 0.00	24.78 1.78 0.00	50.02 3.42 0.00	101.06 6.36 0.00	67.59 1.92 -36.96	31.34 1.70 -2.55	38.50 1.76 -10.58	29.25 1.70 0.00
RAVENSWOOD_GT_7 24255	18.45 1.23 0.00	20.11 1.34 0.00	20.30 1.22 0.00	21.69 1.19 0.00	23.45 1.34 0.00	25.84 1.59 0.00	66.10 4.38 0.00	34.67 2.42 0.00	23.19 1.61 -1.34	22.92 1.34 -5.31	28.50 1.47 -8.75	22.92 1.58 -2.70	22.63 1.67 -1.33	21.17 1.59 0.00	16.28 1.17 -0.21	16.77 1.03 -2.25	20.41 1.45 0.00	24.78 1.78 0.00	50.02 3.42 0.00	101.06 6.36 0.00	67.59 1.92 -36.96	31.34 1.70 -2.55	38.50 1.76 -10.58	29.25 1.70 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.45 1.24 0.00	20.11 1.34 0.00	20.30 1.23 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.86 1.61 0.00	66.12 4.40 0.00	34.68 2.43 0.00	22.05 1.62 -0.20	19.03 1.35 -1.41	23.81 1.47 -4.05	20.64 1.59 -0.41	21.51 1.67 -0.20	21.17 1.59 0.00	16.30 1.18 -0.23	16.78 1.04 -2.25	20.42 1.46 0.00	24.78 1.78 0.00	50.02 3.43 0.00	101.07 6.37 0.00	36.24 1.93 -5.60	29.18 1.70 -0.39	29.52 1.77 -1.60	29.25 1.71 0.00
RAVENSWOOD_GT_9 24257	18.45 1.24 0.00	20.11 1.34 0.00	20.30 1.23 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.86 1.61 0.00	66.12 4.40 0.00	34.68 2.43 0.00	22.05 1.62 -0.20	19.03 1.35 -1.41	23.81 1.47 -4.05	20.64 1.59 -0.41	21.51 1.67 -0.20	21.17 1.59 0.00	16.30 1.18 -0.23	16.78 1.04 -2.25	20.42 1.46 0.00	24.78 1.78 0.00	50.02 3.43 0.00	101.07 6.37 0.00	36.24 1.93 -5.60	29.18 1.70 -0.39	29.52 1.77 -1.60	29.25 1.71 0.00
RAVENSWOOD___1 23533	18.48 1.27 0.00	20.14 1.37 0.00	20.31 1.23 0.00	21.72 1.22 0.00	23.51 1.40 0.00	25.91 1.66 0.00	66.27 4.55 0.00	34.73 2.49 0.00	20.17 1.67 1.74	12.44 1.41 5.24	15.86 1.52 3.95	16.80 1.64 3.49	19.63 1.71 1.71	21.20 1.63 0.00	16.38 1.23 -0.25	16.82 1.08 -2.25	20.45 1.49 0.00	24.82 1.82 0.00	50.05 3.45 0.00	101.23 6.53 0.00	-17.08 2.00 47.79	25.52 1.73 3.30	14.28 1.80 13.68	29.29 1.75 0.00
RAVENSWOOD___2 23534	18.48 1.27 0.00	20.14 1.37 0.00	20.31 1.23 0.00	21.72 1.22 0.00	23.51 1.40 0.00	25.91 1.66 0.00	66.27 4.55 0.00	34.73 2.49 0.00	20.17 1.67 1.74	12.44 1.41 5.24	15.86 1.52 3.95	16.80 1.64 3.49	19.63 1.71 1.71	21.20 1.63 0.00	16.38 1.23 -0.25	16.82 1.08 -2.25	20.45 1.49 0.00	24.82 1.82 0.00	50.05 3.45 0.00	101.23 6.53 0.00	-17.08 2.00 47.79	25.52 1.73 3.30	14.28 1.80 13.68	29.29 1.75 0.00

RAVENSWOOD___3 23535	18.45 1.24 0.00	20.11 1.34 0.00	20.30 1.22 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.86 1.61 0.00	66.12 4.40 0.00	34.68 2.43 0.00	21.86 1.62 0.00	18.33 1.35 -0.71	22.97 1.48 -3.21	20.23 1.59 0.00	21.30 1.67 0.00	21.17 1.60 0.00	16.31 1.18 -0.23	16.78 1.05 -2.25	20.42 1.46 0.00	24.78 1.78 0.00	50.02 3.43 0.00	101.07 6.37 0.00	30.64 1.93 0.00	28.80 1.71 0.00	27.92 1.77 0.00	29.25 1.71 0.00
RAVENSWOOD___4 23820	18.48 1.27 0.00	20.14 1.37 0.00	20.31 1.23 0.00	21.72 1.22 0.00	23.51 1.40 0.00	25.91 1.66 0.00	66.27 4.55 0.00	34.73 2.49 0.00	20.17 1.67 1.74	12.44 1.41 5.24	15.86 1.52 3.95	16.80 1.64 3.49	19.63 1.71 1.71	21.20 1.63 0.00	16.38 1.23 -0.25	16.82 1.08 -2.25	20.45 1.49 0.00	24.82 1.82 0.00	50.05 3.45 0.00	101.23 6.53 0.00	-17.08 2.00 47.79	25.52 1.73 3.30	14.28 1.80 13.68	29.29 1.75 0.00
RCPL_TRUST___DRP 24196	18.49 1.28 0.00	20.16 1.39 0.00	20.33 1.25 0.00	21.71 1.21 0.00	23.48 1.37 0.00	25.89 1.64 0.00	66.17 4.46 0.00	34.71 2.46 0.00	21.87 1.64 0.00	18.36 1.38 -0.71	23.01 1.51 -3.22	20.27 1.62 0.00	21.34 1.71 0.00	21.19 1.62 0.00	16.32 1.20 -0.23	16.81 1.07 -2.26	20.45 1.49 0.00	24.83 1.82 0.00	50.12 3.52 0.00	101.21 6.51 0.00	30.67 1.95 0.00	28.81 1.72 0.00	27.94 1.79 0.00	29.27 1.73 0.00
RED___ROCHESTER 323720	16.74 -0.48 0.00	18.16 -0.61 0.00	18.49 -0.59 0.00	19.94 -0.57 0.00	21.45 -0.66 0.00	23.53 -0.72 0.00	59.51 -2.21 0.00	30.88 -1.37 0.00	19.47 -0.76 0.00	15.66 -0.62 0.00	17.72 -0.56 0.00	17.91 -0.74 0.00	18.87 -0.76 0.00	18.83 -0.75 0.00	14.29 -0.61 0.00	12.90 -0.58 0.00	18.10 -0.85 0.00	22.08 -0.93 0.00	45.02 -1.58 0.00	91.77 -2.93 0.00	27.58 -1.14 0.00	26.12 -0.97 0.00	25.15 -1.00 0.00	26.62 -0.92 0.00
REGAN___SOLAR 323812	18.69 1.48 0.00	20.37 1.60 0.00	20.71 1.64 0.00	22.31 1.81 0.00	24.18 2.06 0.00	26.64 2.39 0.00	68.23 6.51 0.00	35.57 3.33 0.00	22.10 1.86 0.00	17.62 1.35 0.00	19.31 1.03 0.00	19.94 1.29 0.00	20.85 1.22 0.00	20.46 0.89 0.00	15.75 0.85 0.00	14.32 0.84 0.00	20.54 1.58 0.00	25.44 2.44 0.00	52.12 5.53 0.00	105.90 11.20 0.00	31.99 3.28 0.00	30.12 3.03 0.00	28.99 2.84 0.00	30.48 2.94 0.00
RENSSELAER___COGEN 23796	17.69 0.47 0.00	19.28 0.51 0.00	19.54 0.46 0.00	20.97 0.47 0.00	22.65 0.53 0.00	24.89 0.64 0.00	63.69 1.98 0.00	33.32 1.08 0.00	20.85 0.61 0.00	16.75 0.48 0.00	18.86 0.58 0.00	19.29 0.65 0.00	20.33 0.69 0.00	20.26 0.68 0.00	15.45 0.56 0.00	13.96 0.47 0.00	19.65 0.68 0.00	23.85 0.84 0.00	48.21 1.61 0.00	97.57 2.87 0.00	29.63 0.91 0.00	27.85 0.76 0.00	26.88 0.72 0.00	28.19 0.64 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.37 1.15 0.00	20.02 1.26 0.00	20.29 1.21 0.00	22.03 1.53 0.00	23.86 1.75 0.00	26.75 2.50 0.00	69.46 7.75 0.00	36.46 4.21 0.00	22.43 2.19 0.00	17.67 1.40 0.00	20.14 1.86 0.00	20.73 2.09 0.00	22.01 2.38 0.00	21.89 2.31 0.00	16.43 1.53 0.00	14.83 1.35 0.00	21.37 2.41 0.00	26.19 3.19 0.00	52.84 6.24 0.00	106.30 11.60 0.00	31.96 3.24 0.00	29.96 2.87 0.00	28.51 2.36 0.00	29.83 2.28 0.00
REVERE_CPPR_DRP 24186	17.69 0.47 0.00	19.32 0.55 0.00	19.56 0.48 0.00	21.06 0.56 0.00	22.76 0.65 0.00	24.98 0.73 0.00	64.00 2.28 0.00	33.48 1.23 0.00	21.05 0.81 0.00	16.88 0.61 0.00	18.95 0.66 0.00	19.24 0.59 0.00	20.26 0.62 0.00	20.16 0.58 0.00	15.33 0.43 0.00	13.93 0.45 0.00	19.65 0.69 0.00	24.65 0.91 -0.74	48.59 1.99 0.00	98.87 4.18 0.00	29.91 1.20 0.00	28.21 1.12 0.00	27.26 1.10 0.00	28.73 1.18 0.00
REYNOLDS_115KV_TB3 80639	17.79 0.57 0.00	19.39 0.62 0.00	19.64 0.57 0.00	21.08 0.58 0.00	22.76 0.65 0.00	25.01 0.76 0.00	64.00 2.28 0.00	33.48 1.23 0.00	20.92 0.69 0.00	16.81 0.54 0.00	18.93 0.65 0.00	19.38 0.73 0.00	20.43 0.79 0.00	20.37 0.79 0.00	15.53 0.61 -0.03	14.30 0.52 -0.30	19.74 0.77 0.00	23.93 0.93 0.00	48.40 1.80 0.00	97.91 3.21 0.00	29.74 1.03 0.00	27.96 0.87 0.00	26.99 0.84 0.00	28.30 0.75 0.00
RIVERBAY____ 323610	18.55 1.33 0.00	20.22 1.45 0.00	20.37 1.29 0.00	21.77 1.27 0.00	23.61 1.49 0.00	26.02 1.77 0.00	66.68 4.96 0.00	35.01 2.76 0.00	22.05 1.81 0.00	18.47 1.49 -0.71	23.09 1.59 -3.21	20.35 1.71 0.00	21.38 1.74 0.00	21.26 1.68 0.00	16.38 1.26 -0.23	16.88 1.14 -2.25	20.50 1.54 0.00	24.87 1.86 0.00	50.29 3.69 0.00	101.53 6.83 0.00	30.79 2.07 0.00	28.91 1.82 0.00	28.09 1.94 0.00	29.42 1.88 0.00
RIVERSDE_115KV_TB3 55908	17.75 0.53 0.00	19.35 0.58 0.00	19.60 0.53 0.00	21.04 0.54 0.00	22.72 0.60 0.00	24.96 0.71 0.00	63.91 2.19 0.00	33.43 1.19 0.00	20.90 0.67 0.00	16.80 0.53 0.00	18.93 0.64 0.00	19.36 0.71 0.00	20.41 0.77 0.00	20.34 0.76 0.00	15.53 0.61 -0.03	14.29 0.52 -0.29	19.72 0.76 0.00	23.92 0.92 0.00	48.36 1.76 0.00	97.87 3.17 0.00	29.72 1.01 0.00	27.93 0.84 0.00	26.96 0.80 0.00	28.27 0.72 0.00
ROARING___BROOK_WT_PWR 323790	16.73 -0.49 0.00	18.29 -0.48 0.00	18.63 -0.45 0.00	20.09 -0.41 0.00	21.75 -0.36 0.00	23.81 -0.44 0.00	60.71 -1.01 0.00	31.72 -0.53 0.00	19.76 -0.48 0.00	15.85 -0.42 0.00	17.75 -0.53 0.00	18.04 -0.61 0.00	18.99 -0.65 0.00	18.93 -0.65 0.00	14.43 -0.47 0.00	13.05 -0.44 0.00	18.31 -0.65 0.00	22.18 -0.83 0.00	45.07 -1.53 0.00	92.13 -2.56 0.00	28.02 -0.70 0.00	26.67 -0.42 0.00	25.95 -0.20 0.00	27.46 -0.08 0.00
ROCHESRG_115KV_T4 355643	16.57 -0.65 0.00	17.98 -0.79 0.00	18.30 -0.78 0.00	19.73 -0.76 0.00	21.23 -0.88 0.00	23.27 -0.98 0.00	58.82 -2.90 0.00	30.50 -1.75 0.00	19.23 -1.00 0.00	15.46 -0.81 0.00	17.50 -0.79 0.00	17.69 -0.95 0.00	18.64 -1.00 0.00	18.59 -0.99 0.00	14.11 -0.78 0.00	12.74 -0.74 0.00	17.88 -1.08 0.00	21.78 -1.23 0.00	44.41 -2.19 0.00	90.52 -4.18 0.00	27.23 -1.49 0.00	25.81 -1.28 0.00	24.87 -1.29 0.00	26.33 -1.21 0.00
ROCHESTER_9_IC 23652	16.66 -0.55 0.00	18.08 -0.69 0.00	18.40 -0.68 0.00	19.85 -0.66 0.00	21.36 -0.75 0.00	23.42 -0.84 0.00	59.22 -2.50 0.00	30.71 -1.53 0.00	19.36 -0.88 0.00	15.56 -0.71 0.00	17.62 -0.67 0.00	17.81 -0.83 0.00	18.77 -0.87 0.00	18.71 -0.86 0.00	14.21 -0.69 0.00	12.83 -0.66 0.00	18.00 -0.96 0.00	21.94 -1.06 0.00	44.74 -1.86 0.00	91.19 -3.50 0.00	27.42 -1.30 0.00	25.99 -1.10 0.00	25.03 -1.13 0.00	26.49 -1.05 0.00
ROCKVIEW_13_KV_LD 356306	18.42 1.21 0.00	20.09 1.32 0.00	20.28 1.21 0.00	21.69 1.19 0.00	23.46 1.35 0.00	25.85 1.60 0.00	66.14 4.43 0.00	34.70 2.46 0.00	21.85 1.62 0.00	18.30 1.32 -0.71	22.95 1.45 -3.22	20.19 1.55 0.00	21.27 1.64 0.00	21.16 1.58 0.00	16.28 1.15 -0.23	16.78 1.03 -2.26	20.41 1.45 0.00	24.81 1.80 0.00	50.12 3.53 0.00	101.29 6.59 0.00	30.68 1.96 0.00	28.84 1.75 0.00	27.95 1.80 0.00	29.29 1.74 0.00

ROME____115KV_TB2 80656	17.69 0.47 0.00	19.32 0.55 0.00	19.56 0.48 0.00	21.06 0.56 0.00	22.76 0.65 0.00	24.98 0.73 0.00	64.00 2.28 0.00	33.48 1.23 0.00	21.05 0.81 0.00	16.88 0.61 0.00	18.95 0.66 0.00	19.24 0.59 0.00	20.26 0.62 0.00	20.16 0.58 0.00	15.33 0.43 0.00	13.93 0.45 0.00	19.65 0.69 0.00	24.65 0.91 -0.74	48.59 1.99 0.00	98.87 4.18 0.00	29.91 1.20 0.00	28.21 1.12 0.00	27.26 1.10 0.00	28.73 1.18 0.00
ROSETON____1 23587	18.17 0.95 0.00	19.80 1.03 0.00	20.02 0.95 0.00	21.44 0.94 0.00	23.18 1.06 0.00	25.52 1.27 0.00	65.28 3.56 0.00	34.20 1.96 0.00	21.50 1.26 0.00	17.27 1.00 0.00	19.39 1.10 0.00	19.84 1.20 0.00	20.91 1.27 0.00	20.82 1.24 0.00	15.79 0.89 0.00	14.27 0.79 0.00	20.11 1.15 0.00	24.45 1.45 0.00	49.44 2.84 0.00	99.93 5.24 0.00	30.28 1.57 0.00	28.47 1.38 0.00	27.56 1.41 0.00	28.92 1.38 0.00
ROSETON____2 23588	18.17 0.95 0.00	19.80 1.03 0.00	20.02 0.95 0.00	21.44 0.94 0.00	23.18 1.06 0.00	25.52 1.27 0.00	65.28 3.56 0.00	34.20 1.96 0.00	21.50 1.26 0.00	17.27 1.00 0.00	19.39 1.10 0.00	19.84 1.20 0.00	20.91 1.27 0.00	20.82 1.24 0.00	15.79 0.89 0.00	14.27 0.79 0.00	20.11 1.15 0.00	24.45 1.45 0.00	49.44 2.84 0.00	99.93 5.24 0.00	30.28 1.57 0.00	28.47 1.38 0.00	27.56 1.41 0.00	28.92 1.38 0.00
ROTTRDAM_115KV_TB3 80664	17.79 0.58 0.00	19.40 0.63 0.00	19.67 0.59 0.00	21.13 0.64 0.00	22.82 0.71 0.00	25.12 0.87 0.00	64.19 2.47 0.00	33.57 1.32 0.00	21.01 0.77 0.00	16.86 0.59 0.00	18.94 0.66 0.00	19.36 0.72 0.00	20.41 0.77 0.00	20.34 0.76 0.00	15.43 0.54 0.00	13.96 0.48 0.00	19.71 0.75 0.00	23.96 0.96 0.00	48.54 1.94 0.00	98.32 3.62 0.00	29.79 1.07 0.00	28.05 0.95 0.00	27.07 0.92 0.00	28.44 0.89 0.00
RUSSELL____1 23602	16.74 -0.48 0.00	18.16 -0.61 0.00	18.48 -0.60 0.00	19.93 -0.57 0.00	21.45 -0.66 0.00	23.53 -0.72 0.00	59.51 -2.22 0.00	30.88 -1.37 0.00	19.47 -0.77 0.00	15.65 -0.63 0.00	17.71 -0.57 0.00	17.91 -0.74 0.00	18.87 -0.77 0.00	18.82 -0.76 0.00	14.28 -0.62 0.00	12.89 -0.59 0.00	18.10 -0.86 0.00	22.07 -0.93 0.00	45.03 -1.57 0.00	91.77 -2.93 0.00	27.58 -1.14 0.00	26.13 -0.96 0.00	25.16 -0.99 0.00	26.62 -0.92 0.00
RUSSELL____2 23532	16.74 -0.48 0.00	18.16 -0.61 0.00	18.48 -0.60 0.00	19.93 -0.57 0.00	21.45 -0.66 0.00	23.53 -0.72 0.00	59.51 -2.22 0.00	30.88 -1.37 0.00	19.47 -0.77 0.00	15.65 -0.63 0.00	17.71 -0.57 0.00	17.91 -0.74 0.00	18.87 -0.77 0.00	18.82 -0.76 0.00	14.28 -0.62 0.00	12.89 -0.59 0.00	18.10 -0.86 0.00	22.07 -0.93 0.00	45.03 -1.57 0.00	91.77 -2.93 0.00	27.58 -1.14 0.00	26.13 -0.96 0.00	25.16 -0.99 0.00	26.62 -0.92 0.00
RUSSELL____3 23549	16.74 -0.48 0.00	18.16 -0.61 0.00	18.48 -0.60 0.00	19.93 -0.57 0.00	21.45 -0.66 0.00	23.53 -0.72 0.00	59.51 -2.22 0.00	30.88 -1.37 0.00	19.47 -0.77 0.00	15.65 -0.63 0.00	17.71 -0.57 0.00	17.91 -0.74 0.00	18.87 -0.77 0.00	18.82 -0.76 0.00	14.28 -0.62 0.00	12.89 -0.59 0.00	18.10 -0.86 0.00	22.07 -0.93 0.00	45.03 -1.57 0.00	91.77 -2.93 0.00	27.58 -1.14 0.00	26.13 -0.96 0.00	25.16 -0.99 0.00	26.62 -0.92 0.00
RUSSELL____4 23556	16.74 -0.48 0.00	18.16 -0.61 0.00	18.48 -0.60 0.00	19.93 -0.57 0.00	21.45 -0.66 0.00	23.53 -0.72 0.00	59.51 -2.22 0.00	30.88 -1.37 0.00	19.47 -0.77 0.00	15.65 -0.63 0.00	17.71 -0.57 0.00	17.91 -0.74 0.00	18.87 -0.77 0.00	18.82 -0.76 0.00	14.28 -0.62 0.00	12.89 -0.59 0.00	18.10 -0.86 0.00	22.07 -0.93 0.00	45.03 -1.57 0.00	91.77 -2.93 0.00	27.58 -1.14 0.00	26.13 -0.96 0.00	25.16 -0.99 0.00	26.62 -0.92 0.00
RUSSELL____STATION 23914	16.74 -0.48 0.00	18.16 -0.61 0.00	18.48 -0.60 0.00	19.93 -0.57 0.00	21.45 -0.66 0.00	23.53 -0.72 0.00	59.51 -2.22 0.00	30.88 -1.37 0.00	19.47 -0.77 0.00	15.65 -0.63 0.00	17.71 -0.57 0.00	17.91 -0.74 0.00	18.87 -0.77 0.00	18.82 -0.76 0.00	14.28 -0.62 0.00	12.89 -0.59 0.00	18.10 -0.86 0.00	22.07 -0.93 0.00	45.03 -1.57 0.00	91.77 -2.93 0.00	27.58 -1.14 0.00	26.13 -0.96 0.00	25.16 -0.99 0.00	26.62 -0.92 0.00
S SALMON____HYD 24043	16.64 -0.58 0.00	18.21 -0.56 0.00	18.38 -0.69 0.00	19.77 -0.73 0.00	21.30 -0.81 0.00	23.30 -0.95 0.00	59.59 -2.12 0.00	31.17 -1.08 0.00	19.56 -0.67 0.00	15.68 -0.59 0.00	17.59 -0.70 0.00	17.83 -0.81 0.00	18.75 -0.89 0.00	18.69 -0.88 0.00	14.23 -0.67 0.00	12.93 -0.55 0.00	18.22 -0.74 0.00	21.43 -0.84 0.73	45.13 -1.47 0.00	91.72 -2.98 0.00	27.81 -0.91 0.00	26.26 -0.83 0.00	25.49 -0.66 0.00	26.95 -0.60 0.00
S.PERRY__115KV_TB1 80734	17.10 -0.12 0.00	18.75 -0.02 0.00	18.97 -0.11 0.00	20.51 0.01 0.00	22.28 0.17 0.00	24.50 0.25 0.00	62.25 0.53 0.00	32.16 -0.08 0.00	20.16 -0.08 0.00	15.98 -0.29 0.00	17.87 -0.42 0.00	18.18 -0.47 0.00	19.08 -0.55 0.00	18.79 -0.79 0.00	13.97 -0.93 0.00	12.60 -0.89 0.00	17.43 -1.53 0.00	21.62 -1.38 0.00	45.17 -1.43 0.00	92.21 -2.48 0.00	28.94 0.22 0.00	27.39 0.30 0.00	26.41 0.26 0.00	27.94 0.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.23 -0.99 0.00	17.55 -1.22 0.00	17.91 -1.17 0.00	19.37 -1.13 0.00	20.82 -1.29 0.00	22.82 -1.43 0.00	57.17 -4.55 0.00	29.43 -2.81 0.00	18.60 -1.64 0.00	14.93 -1.34 0.00	16.99 -1.29 0.00	17.09 -1.55 0.00	18.02 -1.62 0.00	17.98 -1.59 0.00	13.63 -1.27 0.00	12.31 -1.17 0.00	17.26 -1.70 0.00	21.04 -1.96 0.00	43.04 -3.56 0.00	88.19 -6.51 0.00	26.38 -2.33 0.00	25.16 -1.93 0.00	24.26 -1.90 0.00	25.83 -1.71 0.00
SAWYER____23_KV_LOAD 55526	16.23 -0.99 0.00	17.55 -1.22 0.00	17.91 -1.17 0.00	19.37 -1.13 0.00	20.82 -1.29 0.00	22.82 -1.43 0.00	57.17 -4.55 0.00	29.43 -2.81 0.00	18.60 -1.64 0.00	14.93 -1.34 0.00	16.99 -1.29 0.00	17.09 -1.55 0.00	18.02 -1.62 0.00	17.98 -1.59 0.00	13.63 -1.27 0.00	12.31 -1.17 0.00	17.26 -1.70 0.00	21.04 -1.96 0.00	43.04 -3.56 0.00	88.19 -6.51 0.00	26.38 -2.33 0.00	25.16 -1.93 0.00	24.26 -1.90 0.00	25.83 -1.71 0.00
SELKIRK____I 23801	17.81 0.59 0.00	19.41 0.64 0.00	19.69 0.61 0.00	21.14 0.64 0.00	22.82 0.70 0.00	25.08 0.83 0.00	64.10 2.38 0.00	33.49 1.24 0.00	20.93 0.70 0.00	16.79 0.51 0.00	18.86 0.58 0.00	19.26 0.62 0.00	20.31 0.67 0.00	20.24 0.67 0.00	15.47 0.57 0.00	13.99 0.51 0.00	19.71 0.75 0.00	23.94 0.93 0.00	48.44 1.85 0.00	98.09 3.40 0.00	29.76 1.04 0.00	28.01 0.92 0.00	27.05 0.89 0.00	28.40 0.86 0.00
SELKIRK____II 23799	17.73 0.51 0.00	19.33 0.56 0.00	19.59 0.51 0.00	21.02 0.52 0.00	22.70 0.58 0.00	24.95 0.70 0.00	63.79 2.07 0.00	33.36 1.11 0.00	20.89 0.66 0.00	16.78 0.51 0.00	18.88 0.59 0.00	19.30 0.65 0.00	20.34 0.70 0.00	20.26 0.69 0.00	15.43 0.53 0.00	13.95 0.46 0.00	19.64 0.68 0.00	23.85 0.85 0.00	48.26 1.66 0.00	97.70 3.01 0.00	29.65 0.93 0.00	27.89 0.80 0.00	26.94 0.79 0.00	28.27 0.73 0.00

SENECA OSWGO___HYD 24041	16.79 -0.43 0.00	18.29 -0.48 0.00	18.55 -0.53 0.00	19.94 -0.56 0.00	21.44 -0.67 0.00	23.47 -0.78 0.00	59.78 -1.94 0.00	31.19 -1.06 0.00	19.65 -0.58 0.00	15.85 -0.42 0.00	17.82 -0.46 0.00	18.12 -0.53 0.00	19.08 -0.56 0.00	19.00 -0.57 0.00	14.47 -0.43 0.00	13.09 -0.39 0.00	18.39 -0.57 0.00	22.13 -0.71 0.16	45.24 -1.36 0.00	91.78 -2.92 0.00	27.76 -0.96 0.00	26.20 -0.90 0.00	25.30 -0.86 0.00	26.66 -0.88 0.00
SENECA___115KV_TB3 355854	16.41 -0.81 0.00	17.76 -1.01 0.00	18.13 -0.95 0.00	19.61 -0.89 0.00	21.08 -1.03 0.00	23.13 -1.12 0.00	57.98 -3.74 0.00	29.85 -2.39 0.00	18.87 -1.36 0.00	15.14 -1.13 0.00	17.23 -1.06 0.00	17.33 -1.31 0.00	18.28 -1.36 0.00	18.24 -1.34 0.00	13.81 -1.09 0.00	12.48 -1.00 0.00	17.51 -1.45 0.00	21.35 -1.65 0.00	43.74 -2.86 0.00	89.67 -5.03 0.00	26.82 -1.90 0.00	25.57 -1.52 0.00	24.64 -1.51 0.00	26.24 -1.31 0.00
SENECA___ENERGY 23797	16.86 -0.36 0.00	18.40 -0.38 0.00	18.66 -0.41 0.00	20.06 -0.44 0.00	21.66 -0.45 0.00	23.79 -0.46 0.00	60.48 -1.24 0.00	31.54 -0.71 0.00	19.86 -0.38 0.00	15.94 -0.33 0.00	17.99 -0.29 0.00	18.27 -0.38 0.00	19.21 -0.43 0.00	19.14 -0.44 0.00	14.53 -0.37 0.00	13.18 -0.31 0.00	18.50 -0.46 0.00	22.59 -0.41 0.00	45.98 -0.61 0.00	93.52 -1.18 0.00	28.28 -0.44 0.00	26.70 -0.39 0.00	25.77 -0.39 0.00	27.15 -0.39 0.00
SHOEMAKER___GT 23640	18.06 0.84 0.00	19.70 0.93 0.00	19.93 0.85 0.00	21.36 0.86 0.00	23.08 0.97 0.00	25.41 1.16 0.00	64.96 3.25 0.00	34.01 1.76 0.00	21.35 1.12 0.00	16.57 0.88 0.58	16.62 0.95 2.62	19.66 1.02 0.00	20.73 1.09 0.00	20.61 1.04 0.00	15.45 0.74 0.18	12.35 0.66 1.79	19.93 0.97 0.00	24.28 1.27 0.00	49.16 2.56 0.00	99.43 4.74 0.00	30.13 1.42 0.00	28.34 1.25 0.00	27.43 1.28 0.00	28.79 1.24 0.00
SHOEMAKR_138KV_BK 111 55601	18.06 0.85 0.00	19.70 0.93 0.00	19.93 0.85 0.00	21.36 0.86 0.00	23.08 0.97 0.00	25.41 1.15 0.00	64.94 3.22 0.00	34.00 1.76 0.00	21.36 1.12 0.00	16.61 0.88 0.55	16.75 0.96 2.50	19.67 1.03 0.00	20.74 1.10 0.00	20.63 1.05 0.00	15.47 0.75 0.17	12.43 0.66 1.71	19.94 0.97 0.00	24.28 1.27 0.00	49.14 2.54 0.00	99.37 4.67 0.00	30.11 1.39 0.00	28.32 1.23 0.00	27.42 1.27 0.00	28.77 1.23 0.00
SHOREHAM_IC_1 23715	18.65 1.44 0.00	20.31 1.54 0.00	20.52 1.44 0.00	21.88 1.38 0.00	23.79 1.68 0.00	25.95 1.70 0.00	66.06 4.34 0.00	34.99 2.74 0.00	25.75 1.95 -3.57	24.01 1.69 -6.05	23.46 1.83 -3.34	20.61 1.97 0.00	21.71 2.07 0.00	21.45 1.88 0.00	16.50 1.37 -0.23	16.92 1.15 -2.28	20.50 1.54 0.00	24.86 1.85 0.00	50.26 3.66 0.00	101.43 6.73 0.00	30.57 1.85 0.00	28.87 1.78 0.00	27.80 1.64 0.00	29.04 1.50 0.00
SHOREHAM_IC_2 23716	18.65 1.44 0.00	20.31 1.54 0.00	20.52 1.44 0.00	21.88 1.38 0.00	23.79 1.68 0.00	25.95 1.70 0.00	66.06 4.34 0.00	34.99 2.74 0.00	25.75 1.95 -3.57	24.01 1.69 -6.05	23.46 1.83 -3.34	20.61 1.97 0.00	21.71 2.07 0.00	21.45 1.88 0.00	16.50 1.37 -0.23	16.92 1.15 -2.28	20.50 1.54 0.00	24.86 1.85 0.00	50.26 3.66 0.00	101.43 6.73 0.00	30.57 1.85 0.00	28.87 1.78 0.00	27.80 1.64 0.00	29.04 1.50 0.00
SISSONVILLE___ 23735	22.65 -0.41 -5.84	24.43 -0.42 -6.08	24.85 -0.36 -6.14	26.53 -0.31 -6.35	27.30 -0.31 -5.50	23.68 -0.57 0.00	67.47 -1.76 -7.50	39.48 -0.88 -8.11	25.88 -0.66 -6.31	21.59 -0.57 -5.89	23.66 -0.63 -6.00	24.05 -0.65 -6.06	25.10 -0.74 -6.21	25.12 -0.66 -6.21	19.91 -0.49 -5.50	18.35 -0.42 -5.29	24.32 -0.72 -6.08	27.73 -0.87 -5.60	50.15 -1.73 -5.29	92.16 -2.54 0.00	28.06 -0.65 0.00	26.70 -0.39 0.00	26.08 -0.07 0.00	27.61 0.06 0.00
SITHE_IND_GS1 24169	16.66 -0.56 0.00	18.13 -0.64 0.00	18.41 -0.67 0.00	19.78 -0.72 0.00	21.26 -0.85 0.00	23.23 -1.02 0.00	59.11 -2.61 0.00	30.86 -1.39 0.00	19.44 -0.80 0.00	15.68 -0.59 0.00	17.61 -0.67 0.00	17.92 -0.73 0.00	18.85 -0.78 0.00	18.79 -0.79 0.00	14.31 -0.59 0.00	12.94 -0.54 0.00	18.16 -0.80 0.00	21.99 -1.02 0.00	44.60 -2.00 0.00	90.56 -4.13 0.00	27.41 -1.30 0.00	25.90 -1.19 0.00	25.03 -1.12 0.00	26.38 -1.17 0.00
SITHE_IND_GS2 24170	16.66 -0.56 0.00	18.13 -0.64 0.00	18.41 -0.67 0.00	19.78 -0.72 0.00	21.26 -0.85 0.00	23.23 -1.02 0.00	59.11 -2.61 0.00	30.86 -1.39 0.00	19.44 -0.80 0.00	15.68 -0.59 0.00	17.61 -0.67 0.00	17.92 -0.73 0.00	18.85 -0.78 0.00	18.79 -0.79 0.00	14.31 -0.59 0.00	12.94 -0.54 0.00	18.16 -0.80 0.00	21.99 -1.02 0.00	44.60 -2.00 0.00	90.56 -4.13 0.00	27.41 -1.30 0.00	25.90 -1.19 0.00	25.03 -1.12 0.00	26.38 -1.17 0.00
SITHE_IND_GS3 24171	16.66 -0.56 0.00	18.13 -0.64 0.00	18.41 -0.67 0.00	19.78 -0.72 0.00	21.26 -0.85 0.00	23.23 -1.02 0.00	59.11 -2.61 0.00	30.86 -1.39 0.00	19.44 -0.80 0.00	15.68 -0.59 0.00	17.61 -0.67 0.00	17.92 -0.73 0.00	18.85 -0.78 0.00	18.79 -0.79 0.00	14.31 -0.59 0.00	12.94 -0.54 0.00	18.16 -0.80 0.00	21.99 -1.02 0.00	44.60 -2.00 0.00	90.56 -4.13 0.00	27.41 -1.30 0.00	25.90 -1.19 0.00	25.03 -1.12 0.00	26.38 -1.17 0.00
SITHE_IND_GS4 24172	16.66 -0.56 0.00	18.13 -0.64 0.00	18.41 -0.67 0.00	19.78 -0.72 0.00	21.26 -0.85 0.00	23.23 -1.02 0.00	59.11 -2.61 0.00	30.86 -1.39 0.00	19.44 -0.80 0.00	15.68 -0.59 0.00	17.61 -0.67 0.00	17.92 -0.73 0.00	18.85 -0.78 0.00	18.79 -0.79 0.00	14.31 -0.59 0.00	12.94 -0.54 0.00	18.16 -0.80 0.00	21.99 -1.02 0.00	44.60 -2.00 0.00	90.56 -4.13 0.00	27.41 -1.30 0.00	25.90 -1.19 0.00	25.03 -1.12 0.00	26.38 -1.17 0.00
SITHE___BATAVIA 24024	16.70 -0.51 0.00	18.07 -0.70 0.00	18.43 -0.65 0.00	19.92 -0.58 0.00	21.43 -0.68 0.00	23.54 -0.71 0.00	59.25 -2.47 0.00	30.63 -1.62 0.00	19.32 -0.92 0.00	15.46 -0.80 0.00	17.55 -0.73 0.00	17.62 -1.03 0.00	18.53 -1.11 0.00	18.49 -1.08 0.00	14.06 -0.84 0.00	12.68 -0.80 0.00	17.85 -1.11 0.00	21.81 -1.20 0.00	44.63 -1.97 0.00	91.24 -3.46 0.00	27.29 -1.42 0.00	25.94 -1.15 0.00	25.01 -1.14 0.00	26.59 -0.96 0.00
SITHE___INDEPEND 23800	16.66 -0.56 0.00	18.13 -0.64 0.00	18.41 -0.67 0.00	19.78 -0.72 0.00	21.26 -0.85 0.00	23.23 -1.02 0.00	59.12 -2.60 0.00	30.86 -1.39 0.00	19.44 -0.80 0.00	15.68 -0.59 0.00	17.62 -0.67 0.00	17.92 -0.73 0.00	18.85 -0.79 0.00	18.79 -0.79 0.00	14.31 -0.59 0.00	12.94 -0.54 0.00	18.16 -0.80 0.00	21.99 -1.02 0.00	44.60 -2.00 0.00	90.56 -4.14 0.00	27.41 -1.30 0.00	25.89 -1.20 0.00	25.03 -1.12 0.00	26.38 -1.17 0.00
SITHE___MASSENA 23902	18.14 -0.16 -1.08	19.72 -0.17 -1.13	20.13 -0.08 -1.14	21.64 -0.04 -1.18	23.10 -0.02 -1.02	24.17 -0.08 0.00	62.60 -0.51 -1.39	33.46 -0.28 -1.50	21.15 -0.25 -1.17	17.15 -0.21 -1.09	19.17 -0.23 -1.11	19.54 -0.22 -1.12	20.50 -0.29 -1.15	20.51 -0.21 -1.15	15.76 -0.15 -1.02	14.33 -0.14 -0.98	19.80 -0.28 -1.12	23.41 -0.38 -0.79	46.76 -0.81 -0.97	93.82 -0.88 0.00	28.53 -0.19 0.00	27.04 -0.05 0.00	26.17 0.02 0.00	27.68 0.14 0.00

SITHE___OGDNSBRG 24021	21.22 0.01 -4.00	22.94 0.01 -4.15	23.39 0.11 -4.19	25.05 0.21 -4.34	26.13 0.26 -3.76	24.45 0.20 0.00	67.16 0.31 -5.13	37.95 0.16 -5.55	24.48 -0.07 -4.31	20.17 -0.12 -4.03	22.17 -0.21 -4.11	22.55 -0.24 -4.14	23.59 -0.29 -4.25	23.62 -0.20 -4.24	18.53 -0.13 -3.76	17.00 -0.10 -3.61	22.95 -0.17 -4.15	26.58 -0.15 -3.73	50.01 -0.20 -3.61	95.21 0.51 0.00	28.94 0.22 0.00	27.44 0.35 0.00	26.61 0.46 0.00	28.13 0.58 0.00
SITHE___STERLING 23777	17.58 0.36 0.00	19.20 0.43 0.00	19.46 0.38 0.00	20.94 0.43 0.00	22.60 0.49 0.00	24.81 0.56 0.00	63.47 1.75 0.00	33.20 0.95 0.00	20.87 0.63 0.00	16.76 0.49 0.00	18.81 0.53 0.00	19.12 0.47 0.00	20.13 0.50 0.00	20.05 0.47 0.00	15.24 0.34 0.00	13.82 0.34 0.00	19.48 0.52 0.00	24.12 0.68 -0.43	48.11 1.51 0.00	97.70 3.01 0.00	29.58 0.86 0.00	27.90 0.81 0.00	26.95 0.79 0.00	28.37 0.82 0.00
SLEIGHT__34_KV_TB1 80719	16.72 -0.50 0.00	18.17 -0.60 0.00	18.47 -0.61 0.00	19.88 -0.63 0.00	21.40 -0.71 0.00	23.49 -0.76 0.00	59.67 -2.05 0.00	31.05 -1.20 0.00	19.56 -0.68 0.00	15.73 -0.55 0.00	17.77 -0.51 0.00	17.99 -0.65 0.00	18.97 -0.67 0.00	18.94 -0.64 0.00	14.39 -0.51 0.00	13.01 -0.47 0.00	18.29 -0.67 0.00	22.28 -0.72 0.00	45.35 -1.25 0.00	92.29 -2.41 0.00	27.77 -0.95 0.00	26.26 -0.83 0.00	25.30 -0.85 0.00	26.67 -0.87 0.00
SOUTH CAIRO___GT 23612	18.31 1.09 0.00	19.94 1.17 0.00	20.25 1.17 0.00	21.79 1.28 0.00	23.53 1.42 0.00	25.94 1.69 0.00	66.59 4.87 0.00	34.86 2.61 0.00	21.77 1.54 0.00	17.41 1.14 0.00	19.53 1.25 0.00	19.99 1.35 0.00	20.94 1.31 0.00	20.80 1.22 0.00	15.84 0.94 0.00	14.37 0.89 0.00	20.35 1.39 0.00	24.99 1.99 0.00	50.93 4.33 0.00	103.00 8.30 0.00	31.17 2.45 0.00	29.27 2.18 0.00	28.14 1.99 0.00	29.49 1.94 0.00
SOUTH HAMPTN___IC 23720	18.81 1.59 0.00	20.41 1.64 0.00	20.63 1.55 0.00	22.02 1.52 0.00	23.95 1.84 0.00	26.18 1.93 0.00	66.71 4.99 0.00	35.29 3.04 0.00	25.92 2.11 -3.57	24.11 1.79 -6.05	23.56 1.94 -3.34	20.70 2.06 0.00	21.80 2.16 0.00	21.55 1.98 0.00	16.58 1.45 -0.23	16.96 1.20 -2.28	20.59 1.63 0.00	25.03 2.03 0.00	50.77 4.18 0.00	102.51 7.81 0.00	30.92 2.20 0.00	29.18 2.09 0.00	28.09 1.94 0.00	29.37 1.82 0.00
SOUTHDOW__115KV_TB1 355954	17.14 -0.08 0.00	18.64 -0.13 0.00	19.01 -0.07 0.00	20.56 0.06 0.00	22.07 -0.04 0.00	24.27 0.02 0.00	61.17 -0.55 0.00	31.67 -0.57 0.00	20.05 -0.19 0.00	16.02 -0.25 0.00	18.20 -0.08 0.00	18.34 -0.30 0.00	19.34 -0.30 0.00	19.10 -0.48 0.00	14.35 -0.55 0.00	12.98 -0.50 0.00	18.23 -0.73 0.00	22.29 -0.71 0.00	46.15 -0.45 0.00	94.28 -0.42 0.00	28.03 -0.69 0.00	26.68 -0.41 0.00	25.83 -0.32 0.00	27.56 0.01 0.00
SOUTHOLD_69_KV_BK 2 55809	18.96 1.75 0.00	20.47 1.70 0.00	20.69 1.61 0.00	22.11 1.61 0.00	24.06 1.95 0.00	26.35 2.09 0.00	67.16 5.44 0.00	35.53 3.28 0.00	26.04 2.24 -3.57	24.19 1.87 -6.05	23.65 2.03 -3.34	20.76 2.12 0.00	21.86 2.23 0.00	21.61 2.04 0.00	16.59 1.47 -0.23	16.72 0.95 -2.28	20.26 1.30 0.00	24.80 1.80 0.00	51.20 4.61 0.00	103.46 8.76 0.00	31.19 2.48 0.00	29.42 2.33 0.00	28.28 2.13 0.00	29.58 2.04 0.00
SOUTHOLD___IC 23719	18.96 1.75 0.00	20.47 1.70 0.00	20.69 1.61 0.00	22.11 1.61 0.00	24.06 1.95 0.00	26.34 2.09 0.00	67.16 5.44 0.00	35.53 3.28 0.00	26.04 2.24 -3.57	24.19 1.87 -6.05	23.65 2.03 -3.34	20.76 2.12 0.00	21.87 2.23 0.00	21.61 2.04 0.00	16.59 1.47 -0.23	16.72 0.95 -2.28	20.26 1.30 0.00	24.80 1.79 0.00	51.20 4.61 0.00	103.46 8.76 0.00	31.19 2.47 0.00	29.42 2.33 0.00	28.29 2.13 0.00	29.58 2.04 0.00
SOUTH_FORK_WT_PWR 323839	18.93 1.71 0.00	20.34 1.57 0.00	20.56 1.49 0.00	21.97 1.47 0.00	23.92 1.81 0.00	26.18 1.93 0.00	66.78 5.06 0.00	35.33 3.08 0.00	25.91 2.11 -3.57	24.08 1.76 -6.05	23.54 1.92 -3.34	20.64 2.00 0.00	21.74 2.11 0.00	21.49 1.92 0.00	16.52 1.39 -0.23	16.78 1.01 -2.28	20.35 1.39 0.00	24.85 1.85 0.00	50.91 4.31 0.00	102.89 8.19 0.00	31.03 2.31 0.00	29.25 2.17 0.00	28.12 1.96 0.00	29.43 1.89 0.00
SPIERFLS_115KV_TB 1 80737	18.01 0.79 0.00	19.64 0.87 0.00	19.91 0.83 0.00	21.52 1.02 0.00	23.27 1.16 0.00	25.76 1.51 0.00	66.29 4.57 0.00	34.70 2.45 0.00	21.56 1.33 0.00	17.18 0.90 0.00	19.38 1.09 0.00	19.85 1.20 0.00	20.91 1.27 0.00	20.87 1.29 0.00	15.76 0.86 0.00	14.20 0.72 0.00	20.21 1.24 0.00	24.67 1.67 0.00	49.94 3.34 0.00	100.93 6.23 0.00	30.50 1.79 0.00	28.63 1.54 0.00	27.43 1.28 0.00	28.80 1.25 0.00
ST LAWRENCE____ 23600	16.90 -0.32 0.00	18.42 -0.35 0.00	18.82 -0.26 0.00	20.26 -0.24 0.00	21.87 -0.24 0.00	23.95 -0.30 0.00	60.68 -1.04 0.00	31.68 -0.57 0.00	19.82 -0.42 0.00	15.94 -0.33 0.00	17.91 -0.37 0.00	18.26 -0.38 0.00	19.21 -0.42 0.00	19.19 -0.38 0.00	14.61 -0.28 0.00	13.22 -0.26 0.00	18.54 -0.42 0.00	22.13 -0.56 0.31	45.41 -1.19 0.00	92.96 -1.74 0.00	28.26 -0.45 0.00	26.77 -0.32 0.00	25.88 -0.28 0.00	27.36 -0.18 0.00
STATE_CA_115KV_115_LB 55624	17.77 0.56 0.00	19.37 0.60 0.00	19.64 0.56 0.00	21.08 0.58 0.00	22.76 0.65 0.00	25.02 0.77 0.00	64.06 2.34 0.00	33.52 1.28 0.00	20.97 0.73 0.00	16.85 0.58 0.00	18.98 0.70 0.00	19.41 0.77 0.00	20.46 0.83 0.00	20.39 0.82 0.00	15.59 0.67 -0.03	14.35 0.57 -0.29	19.78 0.82 0.00	24.01 1.01 0.00	48.53 1.94 0.00	98.18 3.49 0.00	29.81 1.10 0.00	28.01 0.92 0.00	27.02 0.87 0.00	28.33 0.79 0.00
STATE_ST_34_KV_LOAD 55959	17.20 -0.02 0.00	18.75 -0.03 0.00	19.05 -0.03 0.00	20.39 -0.11 0.00	21.99 -0.12 0.00	24.15 -0.10 0.00	61.43 -0.29 0.00	32.14 -0.11 0.00	20.18 -0.06 0.00	16.24 -0.03 0.00	18.28 -0.01 0.00	18.58 -0.06 0.00	19.51 -0.13 0.00	19.42 -0.16 0.00	14.78 -0.12 0.00	13.41 -0.07 0.00	18.85 -0.10 0.00	22.94 -0.06 0.00	46.66 0.06 0.00	94.82 0.13 0.00	28.62 -0.10 0.00	27.03 -0.06 0.00	26.09 -0.07 0.00	27.40 -0.15 0.00
STATION 5_MISC_HYD 23604	16.67 -0.55 0.00	18.08 -0.69 0.00	18.41 -0.67 0.00	19.85 -0.65 0.00	21.36 -0.75 0.00	23.42 -0.83 0.00	59.21 -2.51 0.00	30.72 -1.53 0.00	19.37 -0.87 0.00	15.57 -0.70 0.00	17.62 -0.66 0.00	17.81 -0.83 0.00	18.77 -0.87 0.00	18.72 -0.86 0.00	14.21 -0.69 0.00	12.83 -0.65 0.00	18.00 -0.96 0.00	21.94 -1.06 0.00	44.74 -1.86 0.00	91.20 -3.50 0.00	27.42 -1.30 0.00	25.98 -1.11 0.00	25.02 -1.13 0.00	26.49 -1.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.94 -0.28 0.00	18.42 -0.35 0.00	18.72 -0.36 0.00	20.17 -0.33 0.00	21.74 -0.37 0.00	23.88 -0.37 0.00	60.61 -1.11 0.00	31.53 -0.72 0.00	19.87 -0.36 0.00	15.94 -0.33 0.00	18.00 -0.28 0.00	18.22 -0.42 0.00	19.19 -0.45 0.00	19.12 -0.45 0.00	14.51 -0.39 0.00	13.13 -0.36 0.00	18.46 -0.51 0.00	22.52 -0.48 0.00	45.89 -0.71 0.00	93.35 -1.35 0.00	28.13 -0.59 0.00	26.59 -0.50 0.00	25.61 -0.54 0.00	27.04 -0.50 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	16.60 -0.62 0.00	18.02 -0.75 0.00	18.33 -0.75 0.00	19.77 -0.73 0.00	21.28 -0.83 0.00	23.33 -0.92 0.00	59.05 -2.67 0.00	30.65 -1.59 0.00	19.32 -0.91 0.00	15.54 -0.73 0.00	17.58 -0.71 0.00	17.78 -0.87 0.00	18.73 -0.91 0.00	18.68 -0.90 0.00	14.18 -0.72 0.00	12.81 -0.68 0.00	17.98 -0.98 0.00	21.91 -1.09 0.00	44.66 -1.94 0.00	90.99 -3.71 0.00	27.37 -1.35 0.00	25.92 -1.17 0.00	24.96 -1.19 0.00	26.40 -1.14 0.00
STA_56___34_KV_BUS2 355883	16.60 -0.62 0.00	18.02 -0.75 0.00	18.33 -0.75 0.00	19.77 -0.73 0.00	21.28 -0.83 0.00	23.33 -0.92 0.00	59.05 -2.67 0.00	30.65 -1.59 0.00	19.32 -0.91 0.00	15.54 -0.73 0.00	17.58 -0.71 0.00	17.78 -0.87 0.00	18.73 -0.91 0.00	18.68 -0.90 0.00	14.18 -0.72 0.00	12.81 -0.68 0.00	17.98 -0.98 0.00	21.91 -1.09 0.00	44.66 -1.94 0.00	90.99 -3.71 0.00	27.37 -1.35 0.00	25.92 -1.17 0.00	24.96 -1.19 0.00	26.40 -1.14 0.00
STA_67___115KV_BK2 355882	16.63 -0.59 0.00	18.04 -0.73 0.00	18.36 -0.72 0.00	19.81 -0.70 0.00	21.32 -0.79 0.00	23.36 -0.89 0.00	59.07 -2.65 0.00	30.63 -1.61 0.00	19.31 -0.92 0.00	15.52 -0.75 0.00	17.57 -0.71 0.00	17.76 -0.88 0.00	18.71 -0.92 0.00	18.67 -0.91 0.00	14.17 -0.73 0.00	12.79 -0.69 0.00	17.96 -1.00 0.00	21.88 -1.12 0.00	44.61 -1.99 0.00	90.93 -3.77 0.00	27.35 -1.37 0.00	25.92 -1.17 0.00	24.97 -1.18 0.00	26.43 -1.12 0.00
STA_7___115KV_9TRANS 80674	16.74 -0.48 0.00	18.16 -0.61 0.00	18.48 -0.60 0.00	19.93 -0.57 0.00	21.45 -0.66 0.00	23.53 -0.72 0.00	59.51 -2.22 0.00	30.88 -1.37 0.00	19.47 -0.77 0.00	15.65 -0.63 0.00	17.71 -0.57 0.00	17.91 -0.74 0.00	18.87 -0.77 0.00	18.82 -0.76 0.00	14.28 -0.62 0.00	12.89 -0.59 0.00	18.10 -0.86 0.00	22.07 -0.93 0.00	45.03 -1.57 0.00	91.77 -2.93 0.00	27.58 -1.14 0.00	26.13 -0.96 0.00	25.16 -0.99 0.00	26.62 -0.92 0.00
STA_82___115KV_TB1 80780	16.64 -0.58 0.00	18.05 -0.72 0.00	18.38 -0.70 0.00	19.82 -0.68 0.00	21.33 -0.78 0.00	23.38 -0.87 0.00	59.12 -2.60 0.00	30.66 -1.59 0.00	19.32 -0.91 0.00	15.54 -0.74 0.00	17.58 -0.70 0.00	17.78 -0.87 0.00	18.73 -0.91 0.00	18.67 -0.90 0.00	14.17 -0.72 0.00	12.80 -0.68 0.00	17.96 -1.00 0.00	21.89 -1.11 0.00	44.64 -1.95 0.00	91.00 -3.70 0.00	27.37 -1.35 0.00	25.94 -1.15 0.00	24.99 -1.17 0.00	26.45 -1.10 0.00
STEEL___WIND 323596	16.38 -0.83 0.00	17.74 -1.03 0.00	18.10 -0.98 0.00	19.58 -0.92 0.00	21.05 -1.07 0.00	23.09 -1.16 0.00	57.91 -3.81 0.00	29.80 -2.44 0.00	18.85 -1.39 0.00	15.13 -1.15 0.00	17.21 -1.08 0.00	17.29 -1.35 0.00	18.25 -1.38 0.00	18.21 -1.36 0.00	13.79 -1.11 0.00	12.47 -1.02 0.00	17.48 -1.48 0.00	21.32 -1.68 0.00	43.66 -2.94 0.00	89.53 -5.17 0.00	26.76 -1.96 0.00	25.52 -1.57 0.00	24.59 -1.56 0.00	26.19 -1.36 0.00
STEPHTWN_115KV_BK_2 55603	17.89 0.68 0.00	19.50 0.73 0.00	19.77 0.69 0.00	21.23 0.73 0.00	22.91 0.80 0.00	25.23 0.98 0.00	64.68 2.96 0.00	33.82 1.58 0.00	21.12 0.88 0.00	16.98 0.71 0.00	19.12 0.84 0.00	19.52 0.87 0.00	20.60 0.96 0.00	20.50 0.93 0.00	15.63 0.73 0.00	14.13 0.65 0.00	19.92 0.96 0.00	24.24 1.23 0.00	49.06 2.46 0.00	99.27 4.57 0.00	30.08 1.36 0.00	28.25 1.15 0.00	27.27 1.12 0.00	28.58 1.04 0.00
STEUBEN_REC_LFGE 323667	16.37 -0.84 0.00	18.39 -0.38 0.00	18.39 -0.68 0.00	20.04 -0.46 0.00	22.06 -0.05 0.00	24.10 -0.15 0.00	60.59 -1.13 0.00	31.00 -1.25 0.00	19.47 -0.77 0.00	15.44 -0.83 0.00	17.45 -0.83 0.00	17.62 -1.03 0.00	18.67 -0.97 0.00	18.51 -1.06 0.00	13.85 -1.05 0.00	12.58 -0.91 0.00	17.66 -1.30 0.00	21.83 -1.17 0.00	45.28 -1.32 0.00	93.04 -1.66 0.00	28.42 -0.30 0.00	26.87 -0.22 0.00	26.19 0.04 0.00	27.73 0.18 0.00
STILLWATER___SOLAR 323814	18.04 0.82 0.00	19.66 0.89 0.00	19.92 0.84 0.00	21.44 0.94 0.00	23.18 1.06 0.00	25.54 1.29 0.00	65.52 3.80 0.00	34.25 2.00 0.00	21.32 1.09 0.00	17.06 0.79 0.00	19.20 0.92 0.00	19.65 1.01 0.00	20.72 1.08 0.00	20.66 1.09 0.00	15.66 0.77 0.00	14.16 0.68 0.00	20.07 1.11 0.00	24.46 1.46 0.00	49.51 2.92 0.00	100.16 5.46 0.00	30.33 1.62 0.00	28.52 1.43 0.00	27.44 1.29 0.00	28.80 1.25 0.00
STONY___BROOK 24151	18.74 1.52 0.00	20.39 1.63 0.00	20.60 1.52 0.00	22.00 1.50 0.00	23.90 1.79 0.00	26.20 1.95 0.00	66.78 5.06 0.00	35.25 3.00 0.00	25.89 2.09 -3.57	24.04 1.72 -6.05	23.48 1.86 -3.34	20.61 1.97 0.00	21.70 2.07 0.00	21.49 1.92 0.00	16.54 1.41 -0.23	17.00 1.24 -2.28	20.69 1.73 0.00	25.14 2.14 0.00	50.76 4.16 0.00	102.61 7.90 0.00	30.98 2.27 0.00	29.24 2.15 0.00	28.22 2.07 0.00	29.51 1.96 0.00
STURGEON_POOL_HYD 23609	18.24 1.02 0.00	19.89 1.12 0.00	20.10 1.02 0.00	21.51 1.01 0.00	23.26 1.14 0.00	25.64 1.39 0.00	65.56 3.84 0.00	34.37 2.12 0.00	21.62 1.38 0.00	17.38 1.11 0.00	19.49 1.21 0.00	19.95 1.30 0.00	21.03 1.40 0.00	20.93 1.35 0.00	15.85 0.96 0.00	14.33 0.85 0.00	20.21 1.25 0.00	24.61 1.61 0.00	49.78 3.18 0.00	100.57 5.87 0.00	30.48 1.76 0.00	28.64 1.55 0.00	27.75 1.59 0.00	29.10 1.55 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.17 0.95 0.00	19.82 1.05 0.00	20.04 0.96 0.00	21.47 0.96 0.00	23.20 1.09 0.00	25.55 1.30 0.00	65.33 3.61 0.00	34.22 1.97 0.00	21.51 1.28 0.00	16.62 1.01 0.66	16.37 1.09 3.01	19.82 1.18 0.00	20.89 1.25 0.00	20.79 1.21 0.00	15.56 0.87 0.21	12.19 0.77 2.06	20.08 1.12 0.00	24.43 1.43 0.00	49.43 2.83 0.00	99.90 5.20 0.00	30.26 1.55 0.00	28.45 1.36 0.00	27.57 1.42 0.00	28.93 1.39 0.00
SWANROAD_115KV_TB1 355699	15.89 -1.33 0.00	17.16 -1.62 0.00	17.51 -1.57 0.00	18.94 -1.57 0.00	20.34 -1.77 0.00	22.29 -1.96 0.00	55.73 -5.99 0.00	28.67 -3.58 0.00	18.10 -2.14 0.00	14.54 -1.73 0.00	16.54 -1.74 0.00	16.62 -2.02 0.00	17.50 -2.14 0.00	17.46 -2.12 0.00	13.27 -1.63 0.00	11.98 -1.51 0.00	16.77 -2.19 0.00	20.43 -2.57 0.00	41.79 -4.81 0.00	85.63 -9.07 0.00	25.63 -3.09 0.00	24.48 -2.61 0.00	23.64 -2.52 0.00	25.22 -2.33 0.00
SYNERGY___BIOGAS 323694	16.70 -0.51 0.00	18.07 -0.70 0.00	18.43 -0.65 0.00	19.92 -0.58 0.00	21.43 -0.68 0.00	23.54 -0.71 0.00	59.25 -2.47 0.00	30.63 -1.62 0.00	19.32 -0.92 0.00	15.46 -0.80 0.00	17.55 -0.73 0.00	17.62 -1.03 0.00	18.53 -1.11 0.00	18.49 -1.08 0.00	14.06 -0.84 0.00	12.68 -0.80 0.00	17.85 -1.11 0.00	21.81 -1.20 0.00	44.63 -1.97 0.00	91.24 -3.46 0.00	27.29 -1.42 0.00	25.94 -1.15 0.00	25.01 -1.14 0.00	26.59 -0.96 0.00
SYRACUSE___ENERGY_ST1 323597	17.06 -0.16 0.00	18.59 -0.18 0.00	18.86 -0.22 0.00	20.27 -0.24 0.00	21.81 -0.30 0.00	23.89 -0.36 0.00	60.87 -0.85 0.00	31.79 -0.46 0.00	20.01 -0.23 0.00	16.12 -0.15 0.00	18.13 -0.16 0.00	18.43 -0.21 0.00	19.41 -0.23 0.00	19.33 -0.25 0.00	14.70 -0.20 0.00	13.31 -0.17 0.00	18.70 -0.26 0.00	22.69 -0.32 0.00	46.05 -0.55 0.00	93.47 -1.23 0.00	28.26 -0.46 0.00	26.68 -0.41 0.00	25.76 -0.40 0.00	27.13 -0.42 0.00

SYRACUSE___ENERGY_ST2 323598	17.06 -0.16 0.00	18.59 -0.18 0.00	18.86 -0.22 0.00	20.27 -0.24 0.00	21.81 -0.30 0.00	23.89 -0.36 0.00	60.87 -0.85 0.00	31.79 -0.46 0.00	20.01 -0.23 0.00	16.12 -0.15 0.00	18.13 -0.16 0.00	18.43 -0.21 0.00	19.41 -0.23 0.00	19.33 -0.25 0.00	14.70 -0.20 0.00	13.31 -0.17 0.00	18.70 -0.26 0.00	22.69 -0.32 0.00	46.05 -0.55 0.00	93.47 -1.23 0.00	28.26 -0.46 0.00	26.68 -0.41 0.00	25.76 -0.40 0.00	27.13 -0.42 0.00
SYRACUSE___POWER 24017	17.07 -0.15 0.00	18.60 -0.17 0.00	18.86 -0.22 0.00	20.27 -0.23 0.00	21.83 -0.29 0.00	23.91 -0.34 0.00	60.94 -0.78 0.00	31.80 -0.45 0.00	20.03 -0.21 0.00	16.13 -0.14 0.00	18.13 -0.15 0.00	18.45 -0.20 0.00	19.42 -0.22 0.00	19.35 -0.22 0.00	14.71 -0.18 0.00	13.32 -0.16 0.00	18.71 -0.25 0.00	22.69 -0.31 0.00	46.03 -0.57 0.00	93.45 -1.25 0.00	28.25 -0.47 0.00	26.69 -0.40 0.00	25.77 -0.39 0.00	27.14 -0.41 0.00
TALLMAN__138KV_BK151 55660	18.30 1.08 0.00	19.97 1.20 0.00	20.18 1.11 0.00	21.60 1.10 0.00	23.35 1.24 0.00	25.73 1.48 0.00	65.78 4.06 0.00	34.45 2.21 0.00	21.67 1.44 0.00	16.53 1.15 0.89	15.50 1.23 4.02	19.98 1.33 0.00	21.05 1.42 0.00	20.95 1.37 0.00	15.59 0.98 0.28	11.56 0.85 2.77	20.18 1.22 0.00	24.54 1.53 0.00	49.60 3.00 0.00	100.21 5.51 0.00	30.35 1.64 0.00	28.54 1.45 0.00	27.70 1.55 0.00	29.07 1.52 0.00
TEALLAVE_115KV_TB7 355573	16.96 -0.26 0.00	18.47 -0.30 0.00	18.73 -0.34 0.00	20.14 -0.36 0.00	21.67 -0.44 0.00	23.72 -0.53 0.00	60.45 -1.27 0.00	31.54 -0.70 0.00	19.88 -0.36 0.00	16.02 -0.26 0.00	18.01 -0.27 0.00	18.32 -0.33 0.00	19.28 -0.36 0.00	19.22 -0.36 0.00	14.62 -0.28 0.00	13.23 -0.26 0.00	18.57 -0.39 0.00	22.49 -0.52 0.00	45.59 -1.00 0.00	92.54 -2.16 0.00	27.98 -0.74 0.00	26.45 -0.64 0.00	25.54 -0.61 0.00	26.91 -0.64 0.00
TELGRAPH_34_KV_EAST 80808	16.37 -0.85 0.00	17.70 -1.07 0.00	18.06 -1.02 0.00	19.53 -0.97 0.00	21.00 -1.11 0.00	23.03 -1.22 0.00	57.77 -3.95 0.00	29.80 -2.44 0.00	18.81 -1.43 0.00	15.09 -1.18 0.00	17.15 -1.13 0.00	17.23 -1.42 0.00	18.12 -1.52 0.00	18.07 -1.50 0.00	13.73 -1.16 0.00	12.39 -1.10 0.00	17.40 -1.56 0.00	21.21 -1.79 0.00	43.38 -3.21 0.00	88.80 -5.90 0.00	26.57 -2.14 0.00	25.31 -1.78 0.00	24.46 -1.69 0.00	26.04 -1.50 0.00
TEMPLE___115KV_TB 2 55572	16.97 -0.24 0.00	18.48 -0.29 0.00	18.75 -0.33 0.00	20.15 -0.35 0.00	21.69 -0.43 0.00	23.74 -0.51 0.00	60.49 -1.23 0.00	31.56 -0.68 0.00	19.89 -0.34 0.00	16.02 -0.25 0.00	18.02 -0.26 0.00	18.33 -0.32 0.00	19.30 -0.34 0.00	19.23 -0.34 0.00	14.63 -0.27 0.00	13.24 -0.24 0.00	18.59 -0.37 0.00	22.51 -0.50 0.00	45.63 -0.97 0.00	92.63 -2.07 0.00	28.00 -0.72 0.00	26.47 -0.62 0.00	25.56 -0.59 0.00	26.93 -0.62 0.00
TIANA____69_KV_BK 1 55817	18.78 1.56 0.00	20.41 1.64 0.00	20.62 1.55 0.00	22.01 1.51 0.00	23.93 1.82 0.00	26.16 1.91 0.00	66.66 4.94 0.00	35.26 3.01 0.00	25.90 2.10 -3.57	24.10 1.78 -6.05	23.56 1.93 -3.34	20.69 2.04 0.00	21.79 2.15 0.00	21.54 1.96 0.00	16.57 1.44 -0.23	16.97 1.20 -2.28	20.60 1.64 0.00	25.03 2.03 0.00	50.73 4.13 0.00	102.43 7.73 0.00	30.89 2.17 0.00	29.16 2.07 0.00	28.08 1.92 0.00	29.34 1.79 0.00
TILDEN___115KV_TB1 80814	17.07 -0.15 0.00	18.60 -0.17 0.00	18.86 -0.22 0.00	20.27 -0.23 0.00	21.83 -0.29 0.00	23.91 -0.34 0.00	60.94 -0.78 0.00	31.80 -0.45 0.00	20.03 -0.21 0.00	16.13 -0.14 0.00	18.13 -0.15 0.00	18.45 -0.20 0.00	19.42 -0.22 0.00	19.35 -0.22 0.00	14.71 -0.18 0.00	13.32 -0.16 0.00	18.71 -0.25 0.00	22.69 -0.31 0.00	46.03 -0.57 0.00	93.45 -1.25 0.00	28.25 -0.47 0.00	26.69 -0.40 0.00	25.77 -0.39 0.00	27.14 -0.41 0.00
TRIGEN___CC 323695	18.59 1.37 0.00	20.25 1.49 0.00	20.46 1.38 0.00	21.86 1.36 0.00	23.70 1.59 0.00	26.08 1.83 0.00	66.56 4.84 0.00	35.00 2.75 0.00	25.67 1.87 -3.57	23.85 1.53 -6.05	23.29 1.67 -3.34	20.41 1.77 0.00	21.50 1.86 0.00	21.35 1.77 0.00	16.43 1.30 -0.23	16.91 1.15 -2.28	20.56 1.60 0.00	24.98 1.98 0.00	50.45 3.86 0.00	101.76 7.06 0.00	30.80 2.08 0.00	29.07 1.98 0.00	28.14 1.99 0.00	29.48 1.94 0.00
TRINITY__115KV__ 4 BK 55933	17.71 0.49 0.00	19.30 0.53 0.00	19.56 0.48 0.00	21.00 0.50 0.00	22.67 0.56 0.00	24.91 0.67 0.00	63.76 2.04 0.00	33.36 1.11 0.00	20.86 0.63 0.00	16.77 0.49 0.00	18.89 0.60 0.00	19.32 0.67 0.00	20.36 0.72 0.00	20.30 0.72 0.00	15.50 0.58 -0.03	14.26 0.49 -0.29	19.68 0.72 0.00	23.88 0.87 0.00	48.26 1.66 0.00	97.67 2.97 0.00	29.66 0.94 0.00	27.88 0.79 0.00	26.90 0.75 0.00	28.21 0.67 0.00
UNION___PROCESSING_DRP 323587	16.65 -0.57 0.00	18.06 -0.71 0.00	18.38 -0.70 0.00	19.83 -0.68 0.00	21.34 -0.77 0.00	23.39 -0.86 0.00	59.14 -2.58 0.00	30.67 -1.58 0.00	19.33 -0.90 0.00	15.54 -0.73 0.00	17.59 -0.69 0.00	17.78 -0.87 0.00	18.73 -0.91 0.00	18.68 -0.90 0.00	14.18 -0.72 0.00	12.81 -0.68 0.00	17.97 -0.99 0.00	21.90 -1.10 0.00	44.66 -1.94 0.00	91.04 -3.66 0.00	27.38 -1.34 0.00	25.95 -1.15 0.00	25.00 -1.16 0.00	26.46 -1.09 0.00
UPPER HUDSON___HYD 24058	18.01 0.79 0.00	19.64 0.87 0.00	19.91 0.83 0.00	21.52 1.02 0.00	23.27 1.16 0.00	25.76 1.51 0.00	66.28 4.57 0.00	34.70 2.46 0.00	21.56 1.33 0.00	17.17 0.90 0.00	19.38 1.09 0.00	19.85 1.20 0.00	20.91 1.27 0.00	20.87 1.29 0.00	15.76 0.86 0.00	14.20 0.72 0.00	20.21 1.24 0.00	24.67 1.67 0.00	49.94 3.34 0.00	100.92 6.22 0.00	30.50 1.79 0.00	28.64 1.54 0.00	27.43 1.28 0.00	28.80 1.26 0.00
UPPER RAQUET___HYD 24056	22.65 -0.41 -5.84	24.43 -0.42 -6.08	24.85 -0.36 -6.14	26.53 -0.31 -6.35	27.30 -0.31 -5.50	23.68 -0.57 0.00	67.47 -1.75 -7.50	39.48 -0.88 -8.11	25.88 -0.66 -6.31	21.59 -0.57 -5.89	23.66 -0.63 -6.00	24.05 -0.65 -6.06	25.10 -0.74 -6.21	25.12 -0.66 -6.21	19.91 -0.49 -5.50	18.35 -0.42 -5.29	24.32 -0.72 -6.08	27.73 -0.87 -5.60	50.16 -1.73 -5.29	92.16 -2.54 0.00	28.07 -0.65 0.00	26.70 -0.39 0.00	26.08 -0.07 0.00	27.61 0.06 0.00
VALLEY44_115KV_TB2 355964	17.14 -0.08 0.00	18.67 -0.10 0.00	19.01 -0.07 0.00	20.53 0.03 0.00	22.10 -0.01 0.00	24.14 -0.11 0.00	60.43 -1.29 0.00	31.18 -1.07 0.00	19.66 -0.57 0.00	15.76 -0.51 0.00	17.95 -0.34 0.00	18.18 -0.46 0.00	19.26 -0.38 0.00	19.19 -0.39 0.00	14.47 -0.43 0.00	13.10 -0.38 0.00	18.31 -0.65 0.00	22.20 -0.80 0.00	45.40 -1.19 0.00	92.48 -2.22 0.00	27.70 -1.01 0.00	26.34 -0.75 0.00	25.56 -0.59 0.00	27.28 -0.27 0.00
VALLEY___115KV_TB 1-4 80826	17.30 0.08 0.00	18.90 0.12 0.00	19.15 0.08 0.00	20.58 0.08 0.00	22.26 0.14 0.00	24.61 0.36 0.00	63.09 1.37 0.00	32.99 0.75 0.00	20.53 0.30 0.00	16.40 0.13 0.00	18.38 0.10 0.00	18.79 0.14 0.00	19.80 0.16 0.00	19.71 0.13 0.00	14.99 0.10 0.00	13.58 0.10 0.00	19.13 0.17 0.00	23.62 0.39 -0.22	47.63 1.03 0.00	96.38 1.68 0.00	29.27 0.56 0.00	27.49 0.40 0.00	26.41 0.26 0.00	27.79 0.25 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.93 0.72 0.00	19.61 0.84 0.00	19.87 0.79 0.00	21.34 0.84 0.00	23.09 0.98 0.00	25.34 1.09 0.00	64.75 3.03 0.00	33.48 1.24 0.00	21.06 0.82 0.00	16.93 0.66 0.00	19.17 0.88 0.00	19.52 0.87 0.00	20.67 1.03 0.00	20.58 1.00 0.00	15.58 0.69 0.00	14.11 0.63 0.00	19.89 0.92 0.00	24.19 1.19 0.00	49.12 2.53 0.00	99.64 4.94 0.00	30.17 1.45 0.00	28.38 1.29 0.00	27.41 1.26 0.00	28.96 1.41 0.00
VISCHER___FERRY HYD 24020	17.90 0.68 0.00	19.50 0.73 0.00	19.76 0.68 0.00	21.23 0.73 0.00	22.92 0.81 0.00	25.21 0.96 0.00	64.59 2.87 0.00	33.79 1.54 0.00	21.08 0.85 0.00	16.89 0.62 0.00	19.01 0.73 0.00	19.47 0.82 0.00	20.53 0.89 0.00	20.47 0.90 0.00	15.57 0.64 -0.03	14.34 0.57 -0.29	19.85 0.88 0.00	24.11 1.11 0.00	48.78 2.18 0.00	98.72 4.02 0.00	29.97 1.26 0.00	28.19 1.10 0.00	27.18 1.02 0.00	28.51 0.96 0.00
V_A_10_SYNC_DSASP 323832	16.21 -1.01 0.00	17.56 -1.21 0.00	17.90 -1.18 0.00	19.33 -1.17 0.00	20.78 -1.33 0.00	22.76 -1.49 0.00	57.15 -4.56 0.00	29.51 -2.74 0.00	18.63 -1.61 0.00	14.97 -1.30 0.00	17.00 -1.29 0.00	17.14 -1.51 0.00	18.08 -1.56 0.00	18.04 -1.54 0.00	13.69 -1.21 0.00	12.36 -1.13 0.00	17.31 -1.65 0.00	21.08 -1.93 0.00	43.00 -3.60 0.00	87.85 -6.85 0.00	26.34 -2.38 0.00	25.06 -2.03 0.00	24.18 -1.98 0.00	25.71 -1.83 0.00
V_CMM_10_SYNC_DSASP 323787	16.98 -0.24 0.00	18.51 -0.26 0.00	18.91 -0.16 0.00	20.36 -0.14 0.00	21.97 -0.14 0.00	24.08 -0.17 0.00	60.98 -0.74 0.00	31.83 -0.42 0.00	19.92 -0.32 0.00	16.02 -0.26 0.00	18.00 -0.28 0.00	18.35 -0.29 0.00	19.31 -0.33 0.00	19.29 -0.29 0.00	14.69 -0.21 0.00	13.29 -0.20 0.00	18.63 -0.33 0.00	22.25 -0.45 0.31	45.63 -0.97 0.00	93.43 -1.27 0.00	28.41 -0.31 0.00	26.90 -0.19 0.00	26.01 -0.15 0.00	27.49 -0.05 0.00
V_CMP_10_SYNC_DSASP 323788	-21.23 -0.64 37.80	-21.22 -0.69 39.30	-21.19 -0.60 39.67	-21.15 -0.60 41.06	-14.07 -0.63 35.55	23.74 -0.52 0.00	11.33 -1.88 48.51	-21.17 -0.95 52.47	-21.25 -0.71 40.78	-22.39 -0.58 38.08	-21.24 -0.68 38.83	-21.23 -0.69 39.19	-21.27 -0.75 40.16	-21.27 -0.72 40.12	-21.27 -0.56 35.61	-21.25 -0.50 34.24	-21.24 -0.72 39.48	-21.22 -0.88 43.34	10.51 -1.79 34.30	92.20 -2.50 0.00	28.26 -0.46 0.00	27.02 -0.07 0.00	26.26 0.11 0.00	27.83 0.28 0.00
V_D_10_SYNC_DSASP 323841	18.07 -0.16 -1.01	19.65 -0.17 -1.05	20.07 -0.08 -1.07	21.56 -0.04 -1.10	23.04 -0.02 -0.95	24.18 -0.08 0.00	62.53 -0.49 -1.30	33.38 -0.28 -1.41	21.08 -0.25 -1.09	17.08 -0.21 -1.02	19.10 -0.23 -1.04	19.48 -0.22 -1.05	20.43 -0.28 -1.08	20.44 -0.21 -1.08	15.70 -0.15 -0.95	14.26 -0.14 -0.92	19.73 -0.37 -1.05	23.35 -0.37 -0.72	46.71 -0.80 -0.91	93.84 -0.86 0.00	28.53 -0.19 0.00	27.04 -0.05 0.00	26.17 0.02 0.00	27.68 0.13 0.00
V_E_10_SYNC_DSASP 323830	17.97 0.75 0.00	19.92 1.15 0.00	19.99 0.92 0.00	21.57 1.06 0.00	23.55 1.44 0.00	25.65 1.40 0.00	66.70 4.99 0.00	34.96 2.71 0.00	21.87 1.64 0.00	17.44 1.16 0.00	19.36 1.07 0.00	19.61 0.96 0.00	20.43 0.80 0.00	20.38 0.80 0.00	15.37 0.47 0.00	13.98 0.50 0.00	20.07 1.11 0.00	24.69 1.69 0.00	50.60 4.01 0.00	102.73 8.03 0.00	31.31 2.60 0.00	29.35 2.26 0.00	28.38 2.23 0.00	30.11 2.57 0.00
V_F_30_NSYNC___DSASP 323816	18.06 0.84 0.00	19.68 0.91 0.00	19.94 0.86 0.00	21.46 0.96 0.00	23.20 1.09 0.00	25.57 1.32 0.00	65.58 3.86 0.00	34.28 2.03 0.00	21.36 1.13 0.00	17.09 0.82 0.00	19.24 0.95 0.00	19.68 1.04 0.00	20.76 1.12 0.00	20.70 1.12 0.00	15.69 0.79 0.00	14.18 0.70 0.00	20.10 1.14 0.00	24.49 1.49 0.00	49.56 2.97 0.00	100.28 5.58 0.00	30.36 1.65 0.00	28.55 1.46 0.00	27.47 1.32 0.00	28.84 1.29 0.00
V_F_30_SYNC_DSASP 323786	17.77 0.56 0.00	19.37 0.60 0.00	19.63 0.56 0.00	21.08 0.58 0.00	22.76 0.64 0.00	25.02 0.77 0.00	64.06 2.34 0.00	33.51 1.27 0.00	20.96 0.73 0.00	16.85 0.58 0.00	18.98 0.70 0.00	19.41 0.77 0.00	20.46 0.82 0.00	20.39 0.82 0.00	15.59 0.67 -0.03	14.34 0.57 -0.29	19.78 0.82 0.00	24.01 1.01 0.00	48.53 1.93 0.00	98.18 3.48 0.00	29.81 1.09 0.00	28.01 0.92 0.00	27.02 0.87 0.00	28.33 0.78 0.00
V_XM_10_SYNC_DSASP 323789	-21.23 -0.64 37.80	-21.22 -0.69 39.30	-21.19 -0.60 39.67	-21.15 -0.60 41.06	-14.07 -0.63 35.55	23.74 -0.52 0.00	11.33 -1.88 48.51	-21.17 -0.95 52.47	-21.25 -0.71 40.78	-22.39 -0.58 38.08	-21.24 -0.68 38.83	-21.23 -0.69 39.19	-21.27 -0.75 40.16	-21.27 -0.72 40.12	-21.27 -0.56 35.61	-21.25 -0.50 34.24	-21.24 -0.72 39.48	-21.22 -0.88 43.34	10.51 -1.79 34.30	92.20 -2.50 0.00	28.26 -0.46 0.00	27.02 -0.07 0.00	26.26 0.11 0.00	27.83 0.28 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.35 1.13 0.00	20.02 1.25 0.00	20.24 1.16 0.00	21.66 1.17 0.00	23.42 1.31 0.00	25.80 1.55 0.00	65.98 4.26 0.00	34.56 2.31 0.00	21.74 1.50 0.00	16.53 1.20 0.94	15.30 1.29 4.28	20.04 1.39 0.00	21.11 1.48 0.00	21.01 1.44 0.00	15.62 1.02 0.30	11.42 0.89 2.95	20.24 1.28 0.00	24.62 1.62 0.00	49.78 3.18 0.00	100.55 5.85 0.00	30.46 1.74 0.00	28.63 1.54 0.00	27.79 1.64 0.00	29.17 1.62 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.45 1.24 0.00	20.13 1.36 0.00	20.32 1.24 0.00	21.71 1.21 0.00	23.47 1.36 0.00	25.87 1.62 0.00	66.15 4.43 0.00	34.69 2.44 0.00	21.86 1.63 0.00	18.35 1.37 -0.71	23.00 1.50 -3.22	20.25 1.60 0.00	21.33 1.69 0.00	21.19 1.61 0.00	16.31 1.19 -0.23	16.80 1.06 -2.26	20.44 1.48 0.00	24.81 1.80 0.00	50.07 3.47 0.00	101.19 6.49 0.00	30.67 1.95 0.00	28.81 1.72 0.00	27.94 1.78 0.00	29.27 1.73 0.00
W50THST__13_KV_LOAD 356117	18.60 1.38 0.00	20.26 1.49 0.00	20.43 1.35 0.00	21.80 1.30 0.00	23.58 1.47 0.00	26.00 1.75 0.00	66.50 4.79 0.00	34.88 2.64 0.00	21.99 1.76 0.00	18.47 1.49 -0.71	23.14 1.64 -3.22	20.40 1.75 0.00	21.47 1.84 0.00	21.33 1.75 0.00	16.42 1.29 -0.23	16.92 1.17 -2.26	20.59 1.63 0.00	24.99 1.99 0.00	50.50 3.90 0.00	101.96 7.26 0.00	30.85 2.14 0.00	28.95 1.86 0.00	28.06 1.91 0.00	29.39 1.84 0.00
WADING RIVER_IC_1 23522	18.65 1.44 0.00	20.31 1.54 0.00	20.51 1.44 0.00	21.88 1.38 0.00	23.78 1.67 0.00	25.96 1.71 0.00	66.10 4.38 0.00	34.99 2.74 0.00	25.75 1.95 -3.57	24.01 1.69 -6.05	23.45 1.83 -3.34	20.60 1.96 0.00	21.69 2.06 0.00	21.45 1.88 0.00	16.51 1.37 -0.23	16.93 1.16 -2.28	20.50 1.54 0.00	24.87 1.86 0.00	50.26 3.67 0.00	101.47 6.76 0.00	30.58 1.87 0.00	28.88 1.79 0.00	27.82 1.67 0.00	29.07 1.53 0.00
WADING RIVER_IC_2 23547	18.65 1.44 0.00	20.31 1.54 0.00	20.51 1.44 0.00	21.88 1.38 0.00	23.78 1.67 0.00	25.96 1.71 0.00	66.10 4.38 0.00	34.99 2.74 0.00	25.75 1.95 -3.57	24.01 1.69 -6.05	23.45 1.83 -3.34	20.60 1.96 0.00	21.69 2.06 0.00	21.45 1.88 0.00	16.51 1.37 -0.23	16.93 1.16 -2.28	20.50 1.54 0.00	24.87 1.86 0.00	50.26 3.67 0.00	101.47 6.76 0.00	30.58 1.87 0.00	28.88 1.79 0.00	27.82 1.67 0.00	29.07 1.53 0.00

WADING RIVER_IC_3 23601	18.65 1.44 0.00	20.31 1.54 0.00	20.51 1.44 0.00	21.88 1.38 0.00	23.78 1.67 0.00	25.96 1.71 0.00	66.10 4.38 0.00	34.99 2.74 0.00	25.75 1.95 -3.57	24.01 1.69 -6.05	23.45 1.83 -3.34	20.60 1.96 0.00	21.69 2.06 0.00	21.45 1.88 0.00	16.51 1.37 -0.23	16.93 1.16 -2.28	20.50 1.54 0.00	24.87 1.86 0.00	50.26 3.67 0.00	101.47 6.76 0.00	30.58 1.87 0.00	28.88 1.79 0.00	27.82 1.67 0.00	29.07 1.53 0.00
WALDENNY_I2_KV_BK2 80841	16.39 -0.82 0.00	17.75 -1.02 0.00	18.10 -0.97 0.00	19.59 -0.91 0.00	21.05 -1.06 0.00	23.10 -1.16 0.00	57.90 -3.82 0.00	29.81 -2.43 0.00	18.85 -1.39 0.00	15.13 -1.14 0.00	17.22 -1.07 0.00	17.32 -1.33 0.00	18.26 -1.38 0.00	18.21 -1.36 0.00	13.81 -1.09 0.00	12.48 -1.01 0.00	17.50 -1.46 0.00	21.33 -1.67 0.00	43.68 -2.92 0.00	89.53 -5.17 0.00	26.77 -1.95 0.00	25.53 -1.57 0.00	24.60 -1.55 0.00	26.20 -1.35 0.00
WALDEN___HYDRO 24148	18.32 1.10 0.00	19.98 1.21 0.00	20.21 1.13 0.00	21.64 1.14 0.00	23.41 1.30 0.00	25.81 1.56 0.00	66.03 4.31 0.00	34.58 2.33 0.00	21.69 1.45 0.00	17.19 1.13 0.21	18.55 1.24 0.97	19.97 1.32 0.00	21.02 1.39 0.00	20.90 1.32 0.00	15.78 0.94 0.06	13.76 0.85 0.57	20.25 1.29 0.00	24.76 1.75 0.00	50.20 3.60 0.00	101.48 6.78 0.00	30.73 2.01 0.00	28.87 1.78 0.00	27.95 1.79 0.00	29.30 1.76 0.00
WARRENSBURG____ 23737	18.01 0.79 0.00	19.64 0.87 0.00	19.91 0.83 0.00	21.52 1.02 0.00	23.27 1.16 0.00	25.76 1.51 0.00	66.28 4.57 0.00	34.70 2.46 0.00	21.56 1.33 0.00	17.17 0.90 0.00	19.38 1.09 0.00	19.85 1.20 0.00	20.91 1.27 0.00	20.87 1.29 0.00	15.76 0.86 0.00	14.20 0.72 0.00	20.21 1.24 0.00	24.67 1.67 0.00	49.94 3.34 0.00	100.92 6.22 0.00	30.50 1.79 0.00	28.64 1.54 0.00	27.43 1.28 0.00	28.80 1.26 0.00
WATERSIDE___6 8 9 23538	18.48 1.26 0.00	20.15 1.38 0.00	20.32 1.25 0.00	21.72 1.22 0.00	23.51 1.39 0.00	25.91 1.66 0.00	66.27 4.55 0.00	34.73 2.49 0.00	20.17 1.67 1.74	12.44 1.41 5.24	15.86 1.53 3.95	16.80 1.64 3.49	19.63 1.71 1.71	21.20 1.63 0.00	16.38 1.23 -0.25	16.82 1.08 -2.25	20.45 1.49 0.00	24.82 1.82 0.00	50.05 3.45 0.00	101.24 6.54 0.00	-17.08 2.00 47.79	25.52 1.73 3.30	14.28 1.81 13.68	29.29 1.75 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.41 0.20 0.00	18.99 0.22 0.00	19.26 0.18 0.00	20.69 0.19 0.00	22.35 0.24 0.00	24.61 0.36 0.00	63.03 1.31 0.00	32.98 0.73 0.00	20.60 0.36 0.00	16.49 0.22 0.00	18.50 0.22 0.00	18.90 0.26 0.00	19.92 0.28 0.00	19.84 0.27 0.00	15.10 0.20 0.00	13.68 0.19 0.00	19.26 0.30 0.00	23.72 0.50 -0.22	47.69 1.09 0.00	96.57 1.87 0.00	29.29 0.57 0.00	27.54 0.45 0.00	26.50 0.35 0.00	27.86 0.32 0.00
WATSON___69_KV_BK 1 55734	18.89 1.67 0.00	20.56 1.79 0.00	20.76 1.69 0.00	22.18 1.68 0.00	24.10 1.99 0.00	26.45 2.20 0.00	67.41 5.69 0.00	35.57 3.32 0.00	26.08 2.28 -3.57	24.17 1.85 -6.05	23.63 2.01 -3.34	20.74 2.10 0.00	21.83 2.19 0.00	21.64 2.07 0.00	16.66 1.53 -0.23	17.12 1.35 -2.28	20.86 1.90 0.00	25.39 2.38 0.00	51.35 4.75 0.00	103.64 8.94 0.00	31.30 2.58 0.00	29.53 2.44 0.00	28.51 2.36 0.00	29.83 2.29 0.00
WDELAWARE___HYD 323627	18.08 0.86 0.00	19.72 0.95 0.00	19.99 0.91 0.00	21.38 0.88 0.00	23.12 1.01 0.00	25.49 1.24 0.00	65.28 3.56 0.00	34.21 1.96 0.00	21.45 1.22 0.00	17.04 0.93 0.17	18.51 0.98 0.76	19.69 1.05 0.00	20.78 1.14 0.00	20.61 1.03 0.00	15.60 0.76 0.05	13.68 0.68 0.49	20.02 1.06 0.00	24.47 1.47 0.00	49.66 3.07 0.00	100.44 5.74 0.00	30.40 1.69 0.00	28.55 1.46 0.00	27.63 1.48 0.00	28.97 1.42 0.00
WEST BABYLON___IC 23714	18.85 1.63 0.00	20.51 1.74 0.00	20.73 1.65 0.00	22.14 1.64 0.00	24.03 1.92 0.00	26.41 2.16 0.00	67.33 5.61 0.00	35.48 3.23 0.00	26.02 2.22 -3.57	24.11 1.79 -6.05	23.57 1.94 -3.34	20.67 2.03 0.00	21.76 2.13 0.00	21.58 2.00 0.00	16.62 1.49 -0.23	17.09 1.32 -2.28	20.81 1.85 0.00	25.33 2.33 0.00	51.24 4.64 0.00	103.36 8.66 0.00	31.25 2.53 0.00	29.48 2.39 0.00	28.48 2.33 0.00	29.80 2.25 0.00
WEST CANADA___HYD 24049	17.37 0.16 0.00	18.95 0.18 0.00	19.23 0.15 0.00	20.66 0.16 0.00	22.30 0.19 0.00	24.48 0.23 0.00	62.42 0.70 0.00	32.63 0.39 0.00	20.47 0.23 0.00	16.44 0.16 0.00	18.46 0.18 0.00	18.83 0.19 0.00	19.85 0.21 0.00	19.77 0.20 0.00	15.05 0.15 0.00	13.62 0.14 0.00	19.14 0.18 0.00	23.46 0.24 -0.22	47.11 0.51 0.00	95.58 0.88 0.00	28.99 0.27 0.00	27.33 0.24 0.00	26.37 0.22 0.00	27.75 0.21 0.00
WESTERN_NY_WIND 24143	16.67 -0.54 0.00	18.03 -0.74 0.00	18.39 -0.69 0.00	19.89 -0.61 0.00	21.39 -0.72 0.00	23.49 -0.76 0.00	59.11 -2.61 0.00	30.55 -1.70 0.00	19.26 -0.98 0.00	15.42 -0.86 0.00	17.51 -0.77 0.00	17.57 -1.07 0.00	18.47 -1.16 0.00	18.44 -1.13 0.00	14.02 -0.88 0.00	12.64 -0.84 0.00	17.80 -1.16 0.00	21.74 -1.26 0.00	44.51 -2.09 0.00	91.00 -3.70 0.00	27.22 -1.49 0.00	25.89 -1.20 0.00	24.97 -1.18 0.00	26.54 -1.01 0.00
WESTOVER___LESR 323668	17.22 0.00 0.00	18.84 0.07 0.00	19.09 0.01 0.00	20.51 0.01 0.00	22.15 0.04 0.00	24.31 0.06 0.00	61.97 0.25 0.00	32.29 0.04 0.00	20.34 0.10 0.00	16.29 0.02 0.00	18.34 0.05 0.00	18.63 -0.01 0.00	19.70 0.06 0.00	19.63 0.06 0.00	14.83 -0.06 0.00	13.45 -0.03 0.00	18.92 -0.04 0.00	23.02 0.02 0.00	46.81 0.21 0.00	95.03 0.33 0.00	28.70 -0.02 0.00	27.09 0.00 0.00	26.20 0.04 0.00	27.69 0.14 0.00
WETHRSFD_WT_PWR 323626	15.83 -1.38 0.00	17.12 -1.65 0.00	17.51 -1.57 0.00	19.00 -1.50 0.00	20.40 -1.71 0.00	22.52 -1.73 0.00	56.16 -5.55 0.00	28.74 -3.50 0.00	18.25 -1.98 0.00	14.65 -1.62 0.00	16.65 -1.63 0.00	16.72 -1.92 0.00	17.59 -2.05 0.00	17.53 -2.04 0.00	13.28 -1.62 0.00	12.00 -1.48 0.00	16.84 -2.12 0.00	20.59 -2.42 0.00	42.36 -4.24 0.00	87.38 -7.32 0.00	26.23 -2.48 0.00	25.07 -2.02 0.00	24.10 -2.06 0.00	25.59 -1.96 0.00
WHAVSTOR_138KV_BK127 55557	18.28 1.07 0.00	19.95 1.18 0.00	20.17 1.09 0.00	21.59 1.08 0.00	23.34 1.22 0.00	25.70 1.45 0.00	65.69 3.98 0.00	34.40 2.16 0.00	21.64 1.40 0.00	16.44 1.12 0.96	15.16 1.21 4.33	19.95 1.31 0.00	21.03 1.40 0.00	20.93 1.35 0.00	15.55 0.95 0.30	11.32 0.82 2.99	20.14 1.18 0.00	24.49 1.49 0.00	49.51 2.91 0.00	100.02 5.32 0.00	30.30 1.58 0.00	28.49 1.40 0.00	27.66 1.51 0.00	29.04 1.49 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.28 1.07 0.00	19.95 1.18 0.00	20.17 1.09 0.00	21.59 1.08 0.00	23.34 1.22 0.00	25.70 1.45 0.00	65.69 3.98 0.00	34.40 2.16 0.00	21.64 1.40 0.00	16.44 1.12 0.96	15.16 1.21 4.33	19.95 1.31 0.00	21.03 1.40 0.00	20.93 1.35 0.00	15.55 0.95 0.30	11.32 0.82 2.99	20.14 1.18 0.00	24.49 1.49 0.00	49.51 2.91 0.00	100.02 5.32 0.00	30.30 1.58 0.00	28.49 1.40 0.00	27.66 1.51 0.00	29.04 1.49 0.00

WHITEHAL_115KV_TB1 80871	18.12 0.90 0.00	19.73 0.96 0.00	19.98 0.90 0.00	21.70 1.20 0.00	23.46 1.35 0.00	26.30 2.05 0.00	68.20 6.49 0.00	35.76 3.52 0.00	21.99 1.76 0.00	17.30 1.03 0.00	19.70 1.42 0.00	20.30 1.65 0.00	21.55 1.91 0.00	21.43 1.85 0.00	16.07 1.17 0.00	14.48 1.00 0.00	20.84 1.88 0.00	25.50 2.50 0.00	51.49 4.89 0.00	103.75 9.05 0.00	31.20 2.49 0.00	29.28 2.19 0.00	27.89 1.73 0.00	29.19 1.64 0.00
WHITEPLN_13_KV_LOAD 356215	18.53 1.31 0.00	20.20 1.43 0.00	20.41 1.33 0.00	21.84 1.34 0.00	23.63 1.51 0.00	26.04 1.79 0.00	66.66 4.94 0.00	34.98 2.73 0.00	22.02 1.79 0.00	18.48 1.45 -0.76	23.34 1.59 -3.46	20.34 1.70 0.00	21.42 1.79 0.00	21.30 1.73 0.00	16.40 1.26 -0.25	17.03 1.12 -2.43	20.56 1.60 0.00	25.02 2.01 0.00	50.57 3.97 0.00	102.16 7.46 0.00	30.94 2.22 0.00	29.07 1.97 0.00	28.15 2.00 0.00	29.50 1.96 0.00
WM_FLOYD_69_KV_BK2 356380	18.74 1.52 0.00	20.39 1.62 0.00	20.60 1.52 0.00	21.98 1.48 0.00	23.88 1.77 0.00	26.12 1.87 0.00	66.55 4.83 0.00	35.17 2.93 0.00	25.86 2.05 -3.57	24.04 1.72 -6.05	23.50 1.87 -3.34	20.62 1.98 0.00	21.71 2.08 0.00	21.48 1.90 0.00	16.53 1.40 -0.23	16.96 1.20 -2.28	20.61 1.65 0.00	25.03 2.03 0.00	50.63 4.04 0.00	102.22 7.52 0.00	30.84 2.12 0.00	29.12 2.03 0.00	28.06 1.91 0.00	29.33 1.78 0.00
WOODARD__115KV_TB2 355635	16.92 -0.30 0.00	18.43 -0.34 0.00	18.69 -0.39 0.00	20.09 -0.41 0.00	21.61 -0.49 0.00	23.65 -0.60 0.00	60.27 -1.45 0.00	31.46 -0.79 0.00	19.82 -0.42 0.00	15.97 -0.30 0.00	17.96 -0.33 0.00	18.26 -0.38 0.00	19.22 -0.42 0.00	19.16 -0.42 0.00	14.58 -0.32 0.00	13.19 -0.29 0.00	18.52 -0.44 0.00	22.44 -0.56 0.00	45.51 -1.09 0.00	92.39 -2.31 0.00	27.93 -0.78 0.00	26.39 -0.70 0.00	25.49 -0.66 0.00	26.85 -0.69 0.00
YORK__WARBASSE 23770	18.57 1.36 0.00	20.26 1.49 0.00	20.44 1.37 0.00	21.85 1.34 0.00	23.63 1.52 0.00	26.04 1.79 0.00	66.61 4.90 0.00	34.95 2.69 -0.02	30.37 1.79 -8.35	47.06 1.50 -29.29	57.53 1.63 -37.61	37.15 1.75 -16.76	29.68 1.81 -8.23	21.34 1.75 -0.02	16.46 1.30 -0.26	16.88 1.14 -2.25	38.94 1.57 -18.41	24.90 1.89 0.00	50.23 3.63 0.00	101.85 7.15 0.00	260.57 2.19 -229.67	44.85 1.90 -15.86	93.88 1.97 -65.76	29.48 1.93 -0.01