

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/17/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	21.40	20.09	19.10	17.97	19.65	21.34	23.72	25.22	37.60	33.02	35.59	38.11	39.76	61.10	41.66	46.27	55.25	75.68	53.71	71.90	48.40	40.10	35.78	30.54
24138	1.54	1.46	1.37	1.27	1.27	1.42	1.70	1.69	1.93	2.59	3.03	2.67	3.43	2.27	3.65	4.36	5.64	7.50	4.51	5.42	3.37	2.85	2.73	2.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	-10.83	0.00	0.00	-9.08	-2.99	-37.76	-2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48
74TH STREET_GT_1	21.44	20.13	19.13	18.01	19.69	21.37	23.76	25.24	37.62	33.06	35.64	38.15	39.82	61.13	41.74	46.35	55.37	75.85	53.87	72.17	48.62	40.27	35.92	30.62
24260	1.58	1.50	1.41	1.30	1.31	1.45	1.73	1.73	1.96	2.62	3.08	2.72	3.49	2.32	3.73	4.44	5.76	7.67	4.67	5.69	3.59	3.02	2.87	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	-10.82	0.00	0.00	-9.08	-2.98	-37.74	-2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48
74TH STREET_GT_2	21.44	20.13	19.13	18.01	19.69	21.37	23.76	25.24	37.62	33.06	35.64	38.15	39.82	61.13	41.74	46.35	55.37	75.85	53.87	72.17	48.62	40.27	35.92	30.62
24261	1.58	1.50	1.41	1.30	1.31	1.45	1.73	1.73	1.96	2.62	3.08	2.72	3.49	2.32	3.73	4.44	5.76	7.67	4.67	5.69	3.59	3.02	2.87	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	-10.82	0.00	0.00	-9.08	-2.98	-37.74	-2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48
ADK HUDSON___FALLS	21.03	19.78	18.79	17.58	19.30	20.92	23.18	23.28	28.53	32.08	34.50	30.21	36.45	31.20	38.19	45.07	53.45	73.54	53.25	72.22	48.86	40.20	35.36	29.74
24011	1.18	1.14	1.06	0.88	0.92	1.00	1.15	1.05	1.21	1.65	1.94	1.77	2.42	1.46	2.37	3.17	3.84	5.36	4.05	5.75	3.83	2.95	2.31	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-2.49	0.00	0.00	-2.09	-0.69	-8.67	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
ADK RESOURCE___RCVRY	21.19	19.93	18.93	17.67	19.39	21.00	23.29	23.37	28.64	32.26	34.74	30.41	36.75	31.33	38.46	45.47	53.87	74.13	53.79	73.12	49.43	40.59	35.65	30.00
23798	1.34	1.30	1.21	0.97	1.01	1.09	1.27	1.13	1.33	1.82	2.17	1.98	2.72	1.60	2.64	3.56	4.26	5.95	4.59	6.64	4.40	3.34	2.60	2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-2.48	0.00	0.00	-2.08	-0.68	-8.66	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
ADK S GLENS___FALLS	21.03	19.78	18.79	17.58	19.30	20.92	23.18	23.28	28.53	32.08	34.50	30.21	36.45	31.20	38.19	45.07	53.45	73.54	53.25	72.22	48.86	40.20	35.36	29.74
24028	1.18	1.14	1.06	0.88	0.92	1.00	1.15	1.05	1.21	1.65	1.94	1.77	2.42	1.46	2.37	3.17	3.84	5.36	4.05	5.75	3.83	2.95	2.31	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-2.49	0.00	0.00	-2.09	-0.69	-8.67	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
ADK_NYS___DAM	20.93	19.71	18.75	17.64	19.34	20.96	23.18	23.32	28.74	31.72	33.99	30.01	35.86	31.92	37.39	43.71	51.73	70.91	51.27	69.40	47.23	39.09	34.52	29.15
23527	1.08	1.09	1.02	0.94	0.96	1.04	1.15	1.04	1.10	1.28	1.42	1.31	1.73	1.08	1.49	1.81	2.12	2.73	2.07	2.92	2.20	1.84	1.47	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-2.80	0.00	0.00	-2.35	-0.77	-9.77	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12
AIR_PRODUCTS___DRP	20.19	19.02	18.10	17.04	18.70	20.26	22.40	22.56	27.68	30.79	32.99	28.91	34.63	30.29	36.33	42.49	50.40	69.42	50.14	67.65	45.89	37.95	33.66	28.45
24190	0.34	0.39	0.37	0.34	0.31	0.34	0.38	0.32	0.31	0.35	0.43	0.44	0.59	0.38	0.50	0.59	0.79	1.24	0.94	1.17	0.85	0.70	0.62	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-2.53	0.00	0.00	-2.12	-0.70	-8.83	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
AKWESSNE_115KV_BK	19.68	18.44	17.53	16.52	18.24	19.70	21.80	21.72	24.65	30.11	32.09	25.79	32.73	20.70	34.63	41.28	48.43	66.44	48.20	65.32	44.34	36.64	32.52	27.49
355683	-0.17	-0.19	-0.19	-0.18	-0.15	-0.22	-0.22	-0.13	-0.19	-0.33	-0.48	-0.56	-0.62	-0.37	-0.53	-0.63	-1.18	-1.74	-0.99	-1.16	-0.69	-0.61	-0.52	-0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	20.19	19.02	18.10	17.04	18.70	20.26	22.40	22.56	27.68	30.79	32.99	28.91	34.63	30.29	36.33	42.49	50.40	69.42	50.14	67.65	45.89	37.95	33.66	28.45
23571	0.34	0.39	0.37	0.34	0.31	0.34	0.38	0.32	0.31	0.35	0.43	0.44	0.59	0.38	0.50	0.59	0.79	1.24	0.94	1.17	0.85	0.70	0.62	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-2.53	0.00	0.00	-2.12	-0.70	-8.83	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
ALBANY___2	20.19	19.02	18.10	17.04	18.70	20.26	22.40	22.56	27.68	30.79	32.99	28.91	34.63	30.29	36.33	42.49	50.40	69.42	50.14	67.65	45.89	37.95	33.66	28.45
23572	0.34	0.39	0.37	0.34	0.31	0.34	0.38	0.32	0.31	0.35	0.43	0.44	0.59	0.38	0.50	0.59	0.79	1.24	0.94	1.17	0.85	0.70	0.62	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-2.53	0.00	0.00	-2.12	-0.70	-8.83	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
ALBANY___3	20.19	19.02	18.10	17.04	18.70	20.26	22.40	22.56	27.68	30.79	32.99	28.91	34.63	30.29	36.33	42.49	50.40	69.42	50.14	67.65	45.89	37.95	33.66	28.45
23573	0.34	0.39	0.37	0.34	0.31	0.34	0.38	0.32	0.31	0.35	0.43	0.44	0.59	0.38	0.50	0.59	0.79	1.24	0.94	1.17	0.85	0.70	0.62	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-2.53	0.00	0.00	-2.12	-0.70	-8.83	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11

ALBANY___4 23574	20.19 0.34 0.00	19.02 0.39 0.00	18.10 0.37 0.00	17.04 0.34 0.00	18.70 0.31 0.00	20.26 0.34 0.00	22.40 0.38 0.00	22.56 0.32 -0.39	27.68 0.31 -2.53	30.79 0.35 0.00	32.99 0.43 0.00	28.91 0.44 -2.12	34.63 0.59 -0.70	30.29 0.38 -8.83	36.33 0.50 -0.67	42.49 0.59 0.00	50.40 0.79 0.00	69.42 1.24 0.00	50.14 0.94 0.00	67.65 1.17 0.00	45.89 0.85 0.00	37.95 0.70 0.00	33.66 0.62 0.00	28.45 0.52 -0.11
ALBANY___LFGE 323615	20.42 0.57 0.00	19.22 0.60 0.00	18.29 0.56 0.00	17.21 0.51 0.00	18.89 0.51 0.00	20.50 0.57 0.00	22.66 0.64 0.00	22.83 0.58 -0.39	28.00 0.63 -2.54	31.21 0.77 0.00	33.47 0.90 0.00	29.32 0.84 -2.13	35.16 1.12 -0.70	30.64 0.72 -8.84	36.91 1.08 -0.67	43.19 1.29 0.00	51.25 1.64 0.00	70.56 2.38 0.00	50.73 1.53 0.00	68.43 1.95 0.00	46.39 1.36 0.00	38.35 1.10 0.00	34.00 0.95 0.00	28.70 0.78 -0.11
ALCOA_PA_115KV_PL-6C 55860	19.75 -0.10 0.00	18.47 -0.16 0.00	17.55 -0.17 0.00	16.54 -0.17 0.00	18.26 -0.12 0.00	19.75 -0.17 0.00	21.85 -0.17 0.00	21.76 -0.09 0.00	24.69 -0.15 0.00	30.16 -0.27 0.00	32.12 -0.44 0.00	25.80 -0.55 0.00	32.76 -0.59 0.00	20.73 -0.35 0.00	34.68 -0.48 0.00	41.34 -0.57 0.00	48.55 -1.07 0.00	66.65 -1.53 0.00	48.39 -0.81 0.00	65.61 -0.87 0.00	44.54 -0.49 0.00	36.81 -0.44 0.00	32.64 -0.41 0.00	27.59 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	19.75 -0.10 0.00	18.47 -0.16 0.00	17.55 -0.17 0.00	16.54 -0.17 0.00	18.26 -0.12 0.00	19.75 -0.17 0.00	21.85 -0.17 0.00	21.76 -0.09 0.00	24.69 -0.15 0.00	30.16 -0.27 0.00	32.12 -0.44 0.00	25.80 -0.55 0.00	32.76 -0.59 0.00	20.73 -0.35 0.00	34.68 -0.48 0.00	41.34 -0.57 0.00	48.55 -1.07 0.00	66.65 -1.53 0.00	48.39 -0.81 0.00	65.61 -0.87 0.00	44.54 -0.49 0.00	36.81 -0.44 0.00	32.64 -0.41 0.00	27.59 -0.22 0.00
ALCOA___DSASP 323711	19.75 -0.10 0.00	18.47 -0.16 0.00	17.55 -0.17 0.00	16.54 -0.17 0.00	18.26 -0.12 0.00	19.75 -0.17 0.00	21.85 -0.17 0.00	21.76 -0.09 0.00	24.69 -0.15 0.00	30.16 -0.27 0.00	32.13 -0.44 0.00	25.80 -0.55 0.00	32.76 -0.59 0.00	20.73 -0.35 0.00	34.68 -0.48 0.00	41.34 -0.57 0.00	48.55 -1.06 0.00	66.65 -1.53 0.00	48.39 -0.81 0.00	65.61 -0.87 0.00	44.54 -0.49 0.00	36.82 -0.44 0.00	32.64 -0.40 0.00	27.58 -0.23 0.00
ALLEGHENY___COGEN 23514	20.40 0.55 0.00	19.10 0.47 0.00	18.22 0.50 0.00	17.23 0.53 0.00	19.06 0.68 0.00	20.91 0.99 0.00	23.27 1.25 0.00	23.08 1.23 0.00	26.09 1.25 0.00	31.40 0.97 0.00	32.82 0.26 0.00	26.50 0.15 0.00	33.18 -0.17 0.00	20.78 -0.30 0.00	34.78 -0.38 0.00	41.54 -0.36 0.00	50.24 0.63 0.00	69.30 1.12 0.00	50.30 1.10 0.00	68.78 2.30 0.00	46.64 1.60 0.00	38.53 1.28 0.00	34.18 1.14 0.00	29.10 1.29 0.00
ALTAMONT_115KV_TB 2 55880	20.46 0.61 0.00	19.24 0.61 0.00	18.31 0.59 0.00	17.24 0.54 0.00	18.92 0.54 0.00	20.52 0.60 0.00	22.69 0.67 0.00	22.84 0.61 -0.38	27.95 0.65 -2.46	31.24 0.81 0.00	33.49 0.93 0.00	29.24 0.83 -2.06	35.10 1.08 -0.68	30.35 0.70 -8.58	36.85 1.03 -0.65	43.14 1.24 0.00	51.21 1.60 0.00	70.38 2.20 0.00	50.70 1.50 0.00	68.42 1.94 0.00	46.38 1.35 0.00	38.38 1.13 0.00	34.04 0.99 0.00	28.73 0.81 -0.11
ALTONA_WT_PWR 323606	20.10 0.24 0.00	18.78 0.15 0.00	17.68 -0.04 0.00	16.66 -0.05 0.00	18.30 -0.08 0.00	19.85 -0.06 0.00	22.04 0.02 0.00	22.44 0.59 0.00	25.51 0.67 0.00	31.13 0.69 0.00	32.70 0.14 0.00	25.91 -0.44 0.00	33.27 -0.07 0.00	21.39 0.32 0.00	35.78 0.62 0.00	42.84 0.93 0.00	50.73 1.12 0.00	69.67 1.49 0.00	51.02 1.82 0.00	69.82 3.33 0.00	47.06 2.02 0.00	38.74 1.48 0.00	33.99 0.95 0.00	29.01 1.20 0.00
AMERICAN_REF_FUEL 24010	19.12 -0.73 0.00	17.99 -0.63 0.00	17.22 -0.50 0.00	16.25 -0.45 0.00	17.90 -0.48 0.00	19.67 -0.25 0.00	21.80 -0.23 0.00	21.45 -0.40 0.00	24.47 -0.37 0.00	29.93 -0.50 0.00	31.83 -0.73 0.00	25.91 -0.44 0.00	32.12 -1.23 0.00	20.01 -1.07 0.00	33.41 -1.76 0.00	39.99 -1.92 0.00	48.53 -1.08 0.00	66.71 -1.47 0.00	48.11 -1.09 0.00	64.69 -1.79 0.00	43.27 -1.76 0.00	35.81 -1.44 0.00	32.23 -0.81 0.00	27.00 -0.81 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.43 -0.43 0.00	18.15 -0.47 0.00	17.41 -0.31 0.00	16.65 -0.05 0.00	18.43 0.05 0.00	20.25 0.33 0.00	22.50 0.47 0.00	22.46 0.61 0.00	25.89 1.05 0.00	31.91 1.47 0.00	34.03 1.47 0.00	27.70 1.35 0.00	34.44 1.10 0.00	21.42 0.34 0.00	35.68 0.52 0.00	42.67 0.77 0.00	51.85 2.24 0.00	71.04 2.86 0.00	50.92 1.72 0.00	68.64 2.17 0.00	46.18 1.14 0.00	38.21 0.96 0.00	34.12 1.07 0.00	28.58 0.77 0.00
ARTHUR_KILL_GT_1 23520	21.21 1.36 0.00	19.92 1.29 0.00	18.12 1.20 0.80	17.83 1.12 0.00	19.48 1.10 0.00	21.20 1.28 0.00	23.58 1.55 0.00	25.02 1.50 -1.67	30.77 1.66 -4.27	32.34 2.24 0.34	32.89 2.68 2.35	33.98 2.42 -5.20	34.07 3.10 2.38	51.47 2.10 -28.30	41.32 3.31 -2.84	45.82 3.92 0.01	54.76 5.15 0.00	75.02 6.84 0.00	53.32 4.12 0.00	71.47 4.99 0.00	47.98 3.11 0.17	39.86 2.64 0.03	34.35 2.58 1.28	30.76 2.13 -0.82
ARTHUR_KILL_2 23512	21.15 1.30 0.00	19.86 1.23 0.00	18.07 1.14 0.80	17.78 1.07 0.00	19.43 1.05 0.00	21.14 1.21 0.00	23.51 1.48 0.00	24.95 1.42 -1.67	30.69 1.58 -4.27	32.23 2.13 0.34	32.76 2.55 2.35	33.87 2.31 -5.20	33.93 2.96 2.38	51.39 2.01 -28.30	41.16 3.15 -2.84	45.62 3.72 0.01	54.51 4.90 0.00	74.68 6.49 0.00	53.07 3.87 0.00	71.14 4.66 0.00	47.75 2.89 0.17	39.69 2.47 0.03	34.20 2.43 1.28	30.65 2.03 -0.82
ARTHUR_KILL_3 23513	21.14 1.29 0.00	19.83 1.21 0.00	18.06 1.13 0.80	17.76 1.06 0.00	19.42 1.04 0.00	21.10 1.19 0.00	23.44 1.42 0.00	24.90 1.38 -1.67	30.81 1.55 -4.42	32.55 2.11 0.00	35.11 2.54 0.00	35.14 2.27 -6.52	36.40 2.86 -0.20	51.35 1.96 -28.32	41.11 3.10 -2.85	45.60 3.69 0.00	54.49 4.88 0.00	74.62 6.44 0.00	53.04 3.84 0.00	71.00 4.51 0.00	47.65 2.78 0.17	39.58 2.36 0.03	34.41 2.30 0.95	30.33 1.90 -0.63
ARTHUR_KILL_COGEN 323718	21.21 1.36 0.00	19.92 1.29 0.00	18.12 1.20 0.80	17.83 1.12 0.00	19.48 1.10 0.00	21.20 1.28 0.00	23.58 1.55 0.00	25.02 1.50 -1.67	30.77 1.66 -4.27	32.34 2.24 0.34	32.89 2.68 2.35	33.98 2.42 -5.20	34.07 3.10 2.38	51.47 2.10 -28.30	41.32 3.31 -2.84	45.82 3.92 0.01	54.76 5.15 0.00	75.02 6.84 0.00	53.32 4.12 0.00	71.47 4.99 0.00	47.98 3.11 0.17	39.86 2.64 0.03	34.35 2.58 1.28	30.76 2.13 -0.82
ASHOKAN____ 23654	20.75 0.89 0.00	19.39 0.77 0.00	18.42 0.69 0.00	17.34 0.63 0.00	19.01 0.63 0.00	20.76 0.84 0.00	23.01 0.99 0.00	22.83 0.98 0.00	25.89 1.05 0.00	31.77 1.33 0.00	33.97 1.41 0.00	27.63 1.28 0.00	35.06 1.71 0.00	22.22 1.15 0.00	37.01 1.85 0.00	44.18 2.28 0.00	52.68 3.07 0.00	72.52 4.34 0.00	52.24 3.05 0.00	70.50 4.02 0.00	47.74 2.71 0.00	39.40 2.15 0.00	34.76 1.72 0.00	29.13 1.32 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.26 1.40 0.00	19.98 1.35 0.00	18.99 1.27 0.00	17.87 1.16 0.00	19.53 1.14 0.00	21.16 1.24 0.00	23.54 1.52 0.00	25.01 1.49 -1.67	37.32 1.66 -10.82	32.67 2.23 0.00	35.21 2.65 0.00	37.78 2.36 -9.07	39.42 3.09 -2.98	60.92 2.10 -37.74	41.34 3.32 -2.85	45.80 3.90 0.00	54.72 5.11 0.00	74.91 6.73 0.00	53.20 4.00 0.00	71.26 4.78 0.00	48.03 2.99 0.00	39.87 2.62 0.00	35.66 2.61 0.00	30.45 2.15 -0.48
ASTORIA_EAST_ENERGY_CC2 323582	21.26 1.41 0.00	19.98 1.35 0.00	18.99 1.27 0.00	17.87 1.16 0.00	19.52 1.14 0.00	21.16 1.24 0.00	23.54 1.52 0.00	25.01 1.49 -1.67	37.32 1.66 -10.82	32.67 2.23 0.00	35.21 2.65 0.00	37.78 2.36 -9.07	39.42 3.09 -2.98	60.92 2.10 -37.74	41.34 3.32 -2.85	45.80 3.90 0.00	54.72 5.11 0.00	74.91 6.73 0.00	53.20 4.00 0.00	71.26 4.78 0.00	48.03 2.99 0.00	39.87 2.62 0.00	35.66 2.61 0.00	30.45 2.15 -0.48
ASTORIA_GT2_1 24094	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT2_2 24095	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT2_3 24096	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT2_4 24097	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT3_1 24098	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT3_2 24099	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT3_3 24100	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT3_4 24101	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT4_1 24102	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT4_2 24103	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT4_3 24104	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT4_4 24105	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.14 0.00	21.17 1.25 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.08	39.45 3.12 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.05 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.45 2.16 -0.48
ASTORIA_GT_1 23523	21.31 1.45 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.91 1.20 0.00	19.57 1.18 0.00	21.22 1.30 0.00	23.60 1.58 0.00	25.08 1.55 -1.67	37.40 1.74 -10.82	32.76 2.33 0.00	35.32 2.75 0.00	37.87 2.45 -9.07	39.53 3.20 -2.98	60.99 2.18 -37.74	41.46 3.45 -2.85	45.97 4.06 0.00	54.91 5.30 0.00	75.16 6.98 0.00	53.38 4.19 0.00	71.50 5.02 0.00	48.19 3.16 0.00	40.01 2.76 0.00	35.76 2.71 0.00	30.53 2.24 -0.48

ASTORIA_GT_10 24110	21.23 1.38 0.00	19.94 1.32 0.00	18.96 1.24 0.00	17.86 1.16 0.00	19.49 1.11 0.00	21.14 1.23 0.00	23.52 1.50 0.00	25.01 1.48 -1.67	37.33 1.67 -10.82	32.70 2.26 0.00	35.27 2.71 0.00	37.83 2.40 -9.08	39.44 3.11 -2.98	60.89 2.08 -37.74	41.32 3.31 -2.85	45.83 3.93 0.00	54.73 5.12 0.00	74.94 6.76 0.00	53.24 4.04 0.00	71.33 4.85 0.00	48.07 3.04 0.00	39.86 2.61 0.00	35.62 2.57 0.00	30.37 2.08 -0.48
ASTORIA_GT_11 24225	21.23 1.38 0.00	19.94 1.32 0.00	18.96 1.24 0.00	17.86 1.16 0.00	19.49 1.11 0.00	21.14 1.23 0.00	23.52 1.50 0.00	25.01 1.48 -1.67	37.33 1.67 -10.82	32.70 2.26 0.00	35.27 2.71 0.00	37.83 2.40 -9.08	39.44 3.11 -2.98	60.89 2.08 -37.74	41.32 3.31 -2.85	45.83 3.93 0.00	54.73 5.12 0.00	74.94 6.76 0.00	53.24 4.04 0.00	71.33 4.85 0.00	48.07 3.04 0.00	39.86 2.61 0.00	35.62 2.57 0.00	30.37 2.08 -0.48
ASTORIA_GT_12 24226	21.24 1.38 0.00	19.94 1.32 0.00	18.96 1.24 0.00	17.86 1.16 0.00	19.49 1.11 0.00	21.15 1.23 0.00	23.52 1.50 0.00	25.01 1.48 -1.67	37.33 1.67 -10.82	32.70 2.26 0.00	35.27 2.71 0.00	37.83 2.40 -9.08	39.43 3.09 -2.98	60.89 2.08 -37.74	41.32 3.31 -2.85	45.83 3.93 0.00	54.73 5.12 0.00	74.94 6.76 0.00	53.25 4.05 0.00	71.33 4.85 0.00	48.08 3.04 0.00	39.86 2.61 0.00	35.62 2.57 0.00	30.38 2.09 -0.48
ASTORIA_GT_13 24227	21.24 1.38 0.00	19.94 1.32 0.00	18.96 1.24 0.00	17.86 1.16 0.00	19.49 1.11 0.00	21.15 1.23 0.00	23.52 1.50 0.00	25.01 1.48 -1.67	37.33 1.67 -10.82	32.70 2.26 0.00	35.27 2.71 0.00	37.83 2.40 -9.08	39.43 3.09 -2.98	60.89 2.08 -37.74	41.32 3.31 -2.85	45.83 3.93 0.00	54.73 5.12 0.00	74.94 6.76 0.00	53.25 4.05 0.00	71.33 4.85 0.00	48.08 3.04 0.00	39.86 2.61 0.00	35.62 2.57 0.00	30.38 2.09 -0.48
ASTORIA_GT_5 24106	21.31 1.45 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.91 1.20 0.00	19.57 1.18 0.00	21.22 1.30 0.00	23.60 1.58 0.00	25.08 1.55 -1.67	37.40 1.74 -10.82	32.76 2.33 0.00	35.32 2.75 0.00	37.87 2.45 -9.07	39.53 3.20 -2.98	60.99 2.18 -37.74	41.46 3.45 -2.85	45.97 4.06 0.00	54.91 5.30 0.00	75.16 6.98 0.00	53.38 4.19 0.00	71.50 5.02 0.00	48.19 3.16 0.00	40.01 2.76 0.00	35.76 2.71 0.00	30.53 2.24 -0.48
ASTORIA_GT_7 24107	21.31 1.45 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.91 1.20 0.00	19.57 1.18 0.00	21.22 1.30 0.00	23.60 1.58 0.00	25.08 1.55 -1.67	37.40 1.74 -10.82	32.76 2.33 0.00	35.32 2.75 0.00	37.87 2.45 -9.07	39.53 3.20 -2.98	60.99 2.18 -37.74	41.46 3.45 -2.85	45.97 4.06 0.00	54.91 5.30 0.00	75.16 6.98 0.00	53.38 4.19 0.00	71.50 5.02 0.00	48.19 3.16 0.00	40.01 2.76 0.00	35.76 2.71 0.00	30.53 2.24 -0.48
ASTORIA_GT_8 24108	21.31 1.45 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.91 1.20 0.00	19.56 1.18 0.00	21.21 1.30 0.00	23.61 1.58 0.00	25.08 1.55 -1.67	37.40 1.74 -10.82	32.76 2.33 0.00	35.32 2.76 0.00	37.87 2.45 -9.08	39.55 3.22 -2.98	61.00 2.19 -37.74	41.46 3.45 -2.85	45.97 4.06 0.00	54.91 5.30 0.00	75.16 6.98 0.00	53.38 4.18 0.00	71.50 5.02 0.00	48.19 3.16 0.00	40.01 2.76 0.00	35.77 2.72 0.00	30.52 2.23 -0.48
ASTORIA___2 24149	21.27 1.41 0.00	19.99 1.36 0.00	19.00 1.27 0.00	17.87 1.17 0.00	19.53 1.15 0.00	21.18 1.26 0.00	23.56 1.53 0.00	25.02 1.50 -1.67	37.34 1.67 -10.82	32.69 2.25 0.00	35.23 2.67 0.00	37.80 2.37 -9.07	39.44 3.10 -2.98	60.93 2.12 -37.74	41.35 3.34 -2.85	45.83 3.93 0.00	54.76 5.15 0.00	74.94 6.76 0.00	53.22 4.02 0.00	71.29 4.81 0.00	48.06 3.02 0.00	39.90 2.64 0.00	35.67 2.62 0.00	30.46 2.16 -0.48
ASTORIA___3 23516	21.24 1.38 0.00	19.94 1.32 0.00	18.96 1.24 0.00	17.86 1.16 0.00	19.49 1.11 0.00	21.15 1.23 0.00	23.52 1.50 0.00	25.01 1.48 -1.67	37.33 1.67 -10.82	32.70 2.26 0.00	35.27 2.71 0.00	37.83 2.40 -9.08	39.43 3.09 -2.98	60.89 2.08 -37.74	41.32 3.31 -2.85	45.83 3.92 0.00	54.73 5.12 0.00	74.94 6.76 0.00	53.25 4.05 0.00	71.33 4.85 0.00	48.08 3.04 0.00	39.86 2.61 0.00	35.62 2.57 0.00	30.38 2.09 -0.48
ASTORIA___4 23517	21.23 1.38 0.00	19.94 1.32 0.00	18.96 1.24 0.00	17.86 1.16 0.00	19.49 1.11 0.00	21.14 1.23 0.00	23.52 1.50 0.00	25.01 1.48 -1.67	37.33 1.67 -10.82	32.70 2.26 0.00	35.27 2.71 0.00	37.83 2.40 -9.08	39.44 3.11 -2.98	60.89 2.08 -37.74	41.32 3.31 -2.85	45.83 3.93 0.00	54.73 5.12 0.00	74.94 6.76 0.00	53.24 4.04 0.00	71.33 4.85 0.00	48.07 3.04 0.00	39.86 2.61 0.00	35.62 2.57 0.00	30.37 2.08 -0.48
ASTORIA___5 23518	21.24 1.38 0.00	19.94 1.32 0.00	18.96 1.24 0.00	17.86 1.16 0.00	19.49 1.11 0.00	21.15 1.23 0.00	23.52 1.50 0.00	25.01 1.48 -1.67	37.33 1.67 -10.82	32.70 2.26 0.00	35.27 2.71 0.00	37.83 2.40 -9.08	39.43 3.09 -2.98	60.89 2.08 -37.74	41.32 3.31 -2.85	45.83 3.93 0.00	54.73 5.12 0.00	74.94 6.76 0.00	53.25 4.05 0.00	71.33 4.85 0.00	48.08 3.04 0.00	39.86 2.61 0.00	35.62 2.57 0.00	30.38 2.09 -0.48
AST_ENERGY_2_CC3 323677	21.23 1.37 0.00	19.94 1.31 0.00	18.95 1.23 0.00	17.84 1.14 0.00	19.51 1.13 0.00	21.18 1.26 0.00	23.51 1.49 0.00	24.99 1.46 -1.67	37.31 1.65 -10.83	32.67 2.23 0.00	35.21 2.64 0.00	37.79 2.36 -9.08	39.34 3.01 -2.99	60.84 2.01 -37.75	41.24 3.23 -2.85	45.76 3.85 0.00	54.64 5.04 0.00	74.87 6.69 0.00	53.19 3.99 0.00	71.24 4.76 0.00	47.99 2.96 0.00	39.76 2.51 0.00	35.48 2.43 0.00	30.29 1.99 -0.48
AST_ENERGY_2_CC4 323678	21.23 1.37 0.00	19.94 1.31 0.00	18.95 1.23 0.00	17.84 1.14 0.00	19.51 1.13 0.00	21.18 1.26 0.00	23.51 1.49 0.00	24.99 1.46 -1.67	37.31 1.65 -10.83	32.67 2.23 0.00	35.21 2.64 0.00	37.79 2.36 -9.08	39.34 3.01 -2.99	60.84 2.01 -37.75	41.24 3.23 -2.85	45.76 3.85 0.00	54.64 5.04 0.00	74.87 6.69 0.00	53.19 3.99 0.00	71.24 4.76 0.00	47.99 2.96 0.00	39.76 2.51 0.00	35.48 2.43 0.00	30.29 1.99 -0.48
ATHENS_STG_1 23668	20.52 0.67 0.00	19.30 0.67 0.00	18.37 0.65 0.00	17.30 0.60 0.00	18.96 0.58 0.00	20.57 0.65 0.00	22.74 0.71 0.00	22.98 0.67 -0.45	28.49 0.73 -2.92	31.42 0.98 0.00	33.75 1.19 0.00	29.90 1.11 -2.45	35.59 1.43 -0.80	32.18 0.93 -10.18	37.36 1.42 -0.77	43.56 1.66 0.00	51.78 2.17 0.00	71.03 2.85 0.00	50.93 1.74 0.00	68.62 2.14 0.00	46.48 1.44 0.00	38.49 1.23 0.00	34.17 1.12 0.00	28.83 0.89 -0.13
ATHENS_STG_2 23670	20.52 0.67 0.00	19.30 0.67 0.00	18.37 0.65 0.00	17.30 0.60 0.00	18.96 0.58 0.00	20.57 0.65 0.00	22.74 0.71 0.00	22.98 0.67 -0.45	28.49 0.73 -2.92	31.42 0.98 0.00	33.75 1.19 0.00	29.90 1.11 -2.45	35.59 1.43 -0.80	32.18 0.93 -10.18	37.36 1.42 -0.77	43.56 1.66 0.00	51.78 2.17 0.00	71.03 2.85 0.00	50.93 1.74 0.00	68.62 2.14 0.00	46.48 1.44 0.00	38.49 1.23 0.00	34.17 1.12 0.00	28.83 0.89 -0.13

ATHENS_STG_3 23677	20.52 0.67 0.00	19.30 0.67 0.00	18.37 0.65 0.00	17.30 0.60 0.00	18.96 0.58 0.00	20.57 0.65 0.00	22.74 0.71 0.00	22.98 0.67 -0.45	28.49 0.73 -2.92	31.42 0.98 0.00	33.75 1.19 0.00	29.90 1.11 -2.45	35.59 1.43 -0.80	32.18 0.93 -10.18	37.36 1.42 -0.77	43.56 1.66 0.00	51.78 2.17 0.00	71.03 2.85 0.00	50.93 1.74 0.00	68.62 2.14 0.00	46.48 1.44 0.00	38.49 1.23 0.00	34.17 1.12 0.00	28.83 0.89 -0.13
AUBURN____LFGE 323710	20.12 0.26 0.00	18.88 0.25 0.00	17.99 0.27 0.00	16.92 0.21 0.00	18.63 0.25 0.00	20.25 0.33 0.00	22.40 0.38 0.00	22.25 0.40 0.00	25.43 0.57 -0.03	31.32 0.65 -0.24	33.60 0.67 -0.36	26.89 0.54 0.00	34.19 0.70 -0.15	21.62 0.45 -0.09	36.91 0.66 -1.09	45.50 1.01 -2.59	55.65 1.81 -4.23	76.73 2.42 -6.13	55.77 1.73 -4.84	75.44 2.20 -6.76	50.27 1.13 -4.10	41.01 0.98 -2.78	35.93 0.82 -2.06	29.47 0.52 -1.13
BABYLON_RES_REC 323704	21.30 1.45 0.00	20.14 1.52 0.00	19.25 1.53 0.00	18.21 1.51 0.00	19.91 1.53 0.00	21.62 1.70 0.00	24.11 2.09 0.00	25.58 2.07 -1.66	37.99 2.28 -10.88	33.54 2.91 -0.19	38.21 3.17 -2.47	41.01 2.67 -11.99	41.59 3.46 -4.77	69.34 2.16 -46.11	45.89 3.40 -7.32	45.70 3.80 0.00	54.53 4.92 0.00	74.89 6.71 0.00	53.05 3.85 0.00	70.97 4.49 0.00	47.74 2.70 0.00	43.33 2.72 -3.36	35.90 2.85 0.00	30.63 2.34 -0.48
BABYLON__69_KV_BK2 356345	21.53 1.67 0.00	20.33 1.70 0.00	19.43 1.71 0.00	18.40 1.69 0.00	20.10 1.72 0.00	21.87 1.96 0.00	24.42 2.40 0.00	25.89 2.38 -1.66	38.37 2.65 -10.88	34.03 3.40 -0.19	38.89 3.86 -2.47	41.63 3.29 -11.99	42.47 4.29 -4.83	73.94 2.72 -50.14	51.64 4.34 -12.14	46.85 4.94 0.00	55.92 6.31 0.00	76.79 8.60 0.00	54.33 5.13 0.00	72.64 6.16 0.00	48.81 3.78 0.00	43.76 3.46 -3.06	36.35 3.30 0.00	31.00 2.71 -0.48
BARON_WINDS____WT_PWR 323822	19.40 -0.45 0.00	18.11 -0.52 0.00	17.27 -0.45 0.00	16.42 -0.29 0.00	18.23 -0.15 0.00	19.96 0.04 0.00	22.17 0.15 0.00	22.04 0.19 0.00	25.37 0.52 -0.01	31.21 0.72 -0.05	33.22 0.57 -0.08	26.99 0.64 0.00	33.84 0.46 -0.03	21.16 0.06 -0.02	35.56 0.15 -0.25	42.61 0.12 -0.59	51.71 1.14 -0.96	71.19 1.62 -1.38	51.15 0.86 -1.09	69.08 1.08 -1.52	46.24 0.29 -0.92	38.14 0.27 -0.62	33.93 0.42 -0.46	28.26 0.20 -0.25
BARRETT_IC_1 23704	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT_IC_10 23701	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT_IC_11 23702	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT_IC_12 23703	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT_IC_2 23705	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT_IC_3 23706	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT_IC_4 23707	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT_IC_5 23708	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT_IC_6 23709	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT_IC_7 23710	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.71 2.37 -11.99	41.20 3.11 -4.75	67.41 2.09 -44.25	43.54 3.27 -5.11	45.45 3.55 0.00	54.23 4.62 0.00	74.45 6.27 0.00	52.79 3.59 0.00	70.97 4.49 0.00	47.84 2.81 0.00	87.26 2.63 -47.38	35.57 2.53 0.00	30.36 2.07 -0.48

BARRETT_IC_8 23711	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT_IC_9 23700	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT___1 23545	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BARRETT___2 23546	21.20 1.35 0.00	20.01 1.38 0.00	19.06 1.34 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.76 0.00	25.17 1.66 -1.66	37.46 1.75 -10.88	32.92 2.29 -0.19	37.79 2.75 -2.47	40.70 2.36 -11.99	41.20 3.10 -4.75	67.40 2.08 -44.25	43.54 3.27 -5.11	45.44 3.54 0.01	54.22 4.62 0.01	74.44 6.26 0.01	52.79 3.60 0.01	70.97 4.49 0.00	47.85 2.81 0.00	87.26 2.63 -47.39	35.58 2.52 -0.01	30.36 2.07 -0.48
BATAVIA___115KV_TB1 55881	20.06 0.20 0.00	18.79 0.17 0.00	17.96 0.24 0.00	16.93 0.23 0.00	18.65 0.27 0.00	20.51 0.59 0.00	22.77 0.75 0.00	22.54 0.69 0.00	25.73 0.89 0.00	31.47 1.03 0.00	33.48 0.92 0.00	27.21 0.86 0.00	33.86 0.51 0.00	21.16 0.09 0.00	35.45 0.29 0.00	42.53 0.62 0.00	51.56 1.95 0.00	71.17 2.99 0.00	51.38 2.18 0.00	69.06 2.58 0.00	46.23 1.19 0.00	38.20 0.95 0.00	34.15 1.10 0.00	28.51 0.70 0.00
BAYONEEC___CTG1 323682	21.23 1.37 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.51 1.12 0.00	21.18 1.27 0.00	23.53 1.51 0.00	25.00 1.48 -1.67	37.33 1.67 -10.83	32.68 2.25 0.00	35.24 2.67 0.00	37.81 2.38 -9.08	36.81 3.02 -0.44	60.86 2.04 -37.75	41.27 3.26 -2.85	45.77 3.87 0.00	54.68 5.07 0.00	74.90 6.72 0.00	53.22 4.02 0.00	71.28 4.80 0.00	47.84 2.98 0.17	39.76 2.53 0.03	35.51 2.47 0.00	30.31 2.02 -0.48
BAYONEEC___CTG10 323750	21.23 1.37 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.51 1.12 0.00	21.18 1.27 0.00	23.53 1.51 0.00	25.00 1.48 -1.67	37.33 1.67 -10.83	32.68 2.25 0.00	35.24 2.67 0.00	37.81 2.38 -9.08	36.81 3.02 -0.44	60.86 2.04 -37.75	41.27 3.26 -2.85	45.77 3.87 0.00	54.68 5.07 0.00	74.90 6.72 0.00	53.22 4.02 0.00	71.28 4.80 0.00	47.84 2.98 0.17	39.76 2.53 0.03	35.51 2.47 0.00	30.31 2.02 -0.48
BAYONEEC___CTG2 323683	21.23 1.37 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.51 1.12 0.00	21.18 1.27 0.00	23.53 1.51 0.00	25.00 1.48 -1.67	37.33 1.67 -10.83	32.68 2.25 0.00	35.24 2.67 0.00	37.81 2.38 -9.08	36.81 3.02 -0.44	60.86 2.04 -37.75	41.27 3.26 -2.85	45.77 3.87 0.00	54.68 5.07 0.00	74.90 6.72 0.00	53.22 4.02 0.00	71.28 4.80 0.00	47.84 2.98 0.17	39.76 2.53 0.03	35.51 2.47 0.00	30.31 2.02 -0.48
BAYONEEC___CTG3 323684	21.23 1.37 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.51 1.12 0.00	21.18 1.27 0.00	23.53 1.51 0.00	25.00 1.48 -1.67	37.33 1.67 -10.83	32.68 2.25 0.00	35.24 2.67 0.00	37.81 2.38 -9.08	36.81 3.02 -0.44	60.86 2.04 -37.75	41.27 3.26 -2.85	45.77 3.87 0.00	54.68 5.07 0.00	74.90 6.72 0.00	53.22 4.02 0.00	71.28 4.80 0.00	47.84 2.98 0.17	39.76 2.53 0.03	35.51 2.47 0.00	30.31 2.02 -0.48
BAYONEEC___CTG4 323685	21.23 1.37 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.51 1.12 0.00	21.18 1.27 0.00	23.53 1.51 0.00	25.00 1.48 -1.67	37.33 1.67 -10.83	32.68 2.25 0.00	35.24 2.67 0.00	37.81 2.38 -9.08	36.81 3.02 -0.44	60.86 2.04 -37.75	41.27 3.26 -2.85	45.77 3.87 0.00	54.68 5.07 0.00	74.90 6.72 0.00	53.22 4.02 0.00	71.28 4.80 0.00	47.84 2.98 0.17	39.76 2.53 0.03	35.51 2.47 0.00	30.31 2.02 -0.48
BAYONEEC___CTG5 323686	21.23 1.37 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.51 1.12 0.00	21.18 1.27 0.00	23.53 1.51 0.00	25.00 1.48 -1.67	37.33 1.67 -10.83	32.68 2.25 0.00	35.24 2.67 0.00	37.81 2.38 -9.08	36.81 3.02 -0.44	60.86 2.04 -37.75	41.27 3.26 -2.85	45.77 3.87 0.00	54.68 5.07 0.00	74.90 6.72 0.00	53.22 4.02 0.00	71.28 4.80 0.00	47.84 2.98 0.17	39.76 2.53 0.03	35.51 2.47 0.00	30.31 2.02 -0.48
BAYONEEC___CTG6 323687	21.23 1.37 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.51 1.12 0.00	21.18 1.27 0.00	23.53 1.51 0.00	25.00 1.48 -1.67	37.33 1.67 -10.83	32.68 2.25 0.00	35.24 2.67 0.00	37.81 2.38 -9.08	36.81 3.02 -0.44	60.86 2.04 -37.75	41.27 3.26 -2.85	45.77 3.87 0.00	54.68 5.07 0.00	74.90 6.72 0.00	53.22 4.02 0.00	71.28 4.80 0.00	47.84 2.98 0.17	39.76 2.53 0.03	35.51 2.47 0.00	30.31 2.02 -0.48
BAYONEEC___CTG7 323688	21.23 1.37 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.51 1.12 0.00	21.18 1.27 0.00	23.53 1.51 0.00	25.00 1.48 -1.67	37.33 1.67 -10.83	32.68 2.25 0.00	35.24 2.67 0.00	37.81 2.38 -9.08	36.81 3.02 -0.44	60.86 2.04 -37.75	41.27 3.26 -2.85	45.77 3.87 0.00	54.68 5.07 0.00	74.90 6.72 0.00	53.22 4.02 0.00	71.28 4.80 0.00	47.84 2.98 0.17	39.76 2.53 0.03	35.51 2.47 0.00	30.31 2.02 -0.48
BAYONEEC___CTG8 323689	21.23 1.37 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.51 1.12 0.00	21.18 1.27 0.00	23.53 1.51 0.00	25.00 1.48 -1.67	37.33 1.67 -10.83	32.68 2.25 0.00	35.24 2.67 0.00	37.81 2.38 -9.08	36.81 3.02 -0.44	60.86 2.04 -37.75	41.27 3.26 -2.85	45.77 3.87 0.00	54.68 5.07 0.00	74.90 6.72 0.00	53.22 4.02 0.00	71.28 4.80 0.00	47.84 2.98 0.17	39.76 2.53 0.03	35.51 2.47 0.00	30.31 2.02 -0.48
BAYONEEC___CTG9 323749	21.23 1.37 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.51 1.12 0.00	21.18 1.27 0.00	23.53 1.51 0.00	25.00 1.48 -1.67	37.33 1.67 -10.83	32.68 2.25 0.00	35.24 2.67 0.00	37.81 2.38 -9.08	36.81 3.02 -0.44	60.86 2.04 -37.75	41.27 3.26 -2.85	45.77 3.87 0.00	54.68 5.07 0.00	74.90 6.72 0.00	53.22 4.02 0.00	71.28 4.80 0.00	47.84 2.98 0.17	39.76 2.53 0.03	35.51 2.47 0.00	30.31 2.02 -0.48

BEACON___LESR 323632	20.48 0.62 0.00	19.25 0.63 0.00	18.31 0.58 0.00	17.24 0.54 0.00	18.93 0.55 0.00	20.55 0.63 0.00	22.82 0.80 0.00	23.01 0.77 -0.39	28.20 0.81 -2.55	31.38 0.94 0.00	33.60 1.03 0.00	29.43 0.95 -2.13	35.26 1.21 -0.70	30.73 0.79 -8.87	37.04 1.21 -0.67	43.36 1.45 0.00	51.43 1.82 0.00	70.73 2.55 0.00	51.01 1.81 0.00	68.96 2.48 0.00	46.63 1.60 0.00	38.48 1.23 0.00	34.11 1.06 0.00	28.86 0.94 -0.11
BEAVER RIVER___HYD 24048	19.28 -0.57 0.00	17.73 -0.90 0.00	16.84 -0.89 0.00	15.89 -0.82 0.00	17.62 -0.76 0.00	18.97 -0.95 0.00	20.93 -1.10 0.00	20.58 -1.28 0.00	23.67 -1.19 -0.02	29.28 -1.37 -0.21	30.78 -2.10 -0.32	24.19 -2.16 0.00	30.75 -2.73 -0.13	19.53 -1.63 -0.08	33.96 -2.16 -0.96	41.11 -3.10 -2.30	50.50 -2.86 -3.75	71.62 -0.31 -3.75	52.58 0.43 -2.96	71.66 1.06 -4.11	48.62 1.09 -2.50	39.81 0.86 -1.69	34.85 0.55 -1.26	28.76 0.26 -0.69
BEEBEE_GT_13 23619	19.82 -0.04 0.00	18.60 -0.03 0.00	17.75 0.03 0.00	16.72 0.02 0.00	18.40 0.02 0.00	20.13 0.21 0.00	22.30 0.28 0.00	22.09 0.24 0.00	25.23 0.39 0.00	30.93 0.50 0.00	33.02 0.46 0.00	26.82 0.47 0.00	33.59 0.24 0.00	21.08 0.01 0.00	35.31 0.14 0.00	42.27 0.36 0.00	50.93 1.32 0.00	70.08 1.90 0.00	50.46 1.26 0.00	67.80 1.32 0.00	45.55 0.52 0.00	37.61 0.36 0.00	33.49 0.44 0.00	28.02 0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.49 1.63 0.00	20.16 1.54 0.00	19.15 1.43 0.00	18.04 1.33 0.00	19.70 1.32 0.00	21.43 1.50 0.00	23.84 1.81 0.00	25.30 1.78 -1.67	37.68 2.02 -10.82	33.15 2.71 0.00	35.77 3.20 0.00	38.26 2.84 -9.08	39.99 3.66 -2.99	61.24 2.42 -37.74	41.90 3.89 -2.85	46.52 4.61 0.00	55.54 5.93 0.00	76.05 7.87 0.00	54.03 4.83 0.00	72.46 5.98 0.00	59.86 3.78 -11.05	40.50 3.24 0.00	36.16 3.11 0.00	31.20 2.53 -0.86
BETHLEHEM___GRP 23843	20.19 0.34 0.00	19.02 0.39 0.00	18.10 0.37 0.00	17.04 0.34 0.00	18.70 0.31 0.00	20.26 0.34 0.00	22.40 0.38 0.00	22.56 0.32 -0.39	27.68 0.31 -2.53	30.79 0.35 0.00	32.99 0.43 0.00	28.91 0.44 -2.12	34.63 0.59 -0.70	30.29 0.38 -8.83	36.33 0.50 -0.67	42.49 0.59 0.00	50.40 0.79 0.00	69.42 1.24 0.00	50.14 0.94 0.00	67.65 1.17 0.00	45.89 0.85 0.00	37.95 0.70 0.00	33.66 0.62 0.00	28.45 0.52 -0.11
BETHLEHEM___GS1 323560	20.19 0.33 0.00	19.02 0.39 0.00	18.10 0.37 0.00	17.04 0.34 0.00	18.70 0.31 0.00	20.26 0.35 0.00	22.40 0.38 0.00	22.56 0.32 -0.39	27.68 0.31 -2.53	30.79 0.35 0.00	32.99 0.43 0.00	28.91 0.44 -2.12	34.63 0.59 -0.70	30.29 0.38 -8.83	36.33 0.50 -0.67	42.49 0.59 0.00	50.40 0.78 0.00	69.42 1.24 0.00	50.14 0.95 0.00	67.65 1.17 0.00	45.89 0.85 0.00	37.95 0.70 0.00	33.66 0.61 0.00	28.45 0.52 -0.11
BETHLEHEM___GS2 323561	20.19 0.33 0.00	19.02 0.39 0.00	18.10 0.37 0.00	17.04 0.34 0.00	18.70 0.31 0.00	20.26 0.35 0.00	22.40 0.38 0.00	22.56 0.32 -0.39	27.68 0.31 -2.53	30.79 0.35 0.00	32.99 0.43 0.00	28.91 0.44 -2.12	34.63 0.59 -0.70	30.29 0.38 -8.83	36.33 0.50 -0.67	42.49 0.59 0.00	50.40 0.78 0.00	69.42 1.24 0.00	50.14 0.95 0.00	67.65 1.17 0.00	45.89 0.85 0.00	37.95 0.70 0.00	33.66 0.61 0.00	28.45 0.52 -0.11
BETHLEHEM___GS3 323562	20.19 0.33 0.00	19.02 0.39 0.00	18.10 0.37 0.00	17.04 0.34 0.00	18.70 0.31 0.00	20.26 0.35 0.00	22.40 0.38 0.00	22.56 0.32 -0.39	27.68 0.31 -2.53	30.79 0.35 0.00	32.99 0.43 0.00	28.91 0.44 -2.12	34.63 0.59 -0.70	30.29 0.38 -8.83	36.33 0.50 -0.67	42.49 0.59 0.00	50.40 0.78 0.00	69.42 1.24 0.00	50.14 0.95 0.00	67.65 1.17 0.00	45.89 0.85 0.00	37.95 0.70 0.00	33.66 0.61 0.00	28.45 0.52 -0.11
BETHLEHEM___STEEL 23779	19.61 -0.24 0.00	18.40 -0.23 0.00	17.60 -0.12 0.00	16.63 -0.07 0.00	18.33 -0.05 0.00	20.16 0.24 0.00	22.34 0.32 0.00	22.11 0.26 0.00	25.32 0.48 0.00	31.04 0.60 0.00	33.05 0.49 0.00	26.92 0.57 0.00	33.46 0.11 0.00	20.85 -0.22 0.00	34.90 -0.26 0.00	41.73 -0.17 0.00	50.63 1.02 0.00	69.49 1.31 0.00	49.95 0.76 0.00	67.25 0.77 0.00	44.97 -0.06 0.00	37.19 -0.06 0.00	33.36 0.31 0.00	27.92 0.11 0.00
BETHLHEM_115KV_TB1 79974	20.25 0.39 0.00	19.06 0.43 0.00	18.14 0.42 0.00	17.08 0.38 0.00	18.75 0.36 0.00	20.32 0.40 0.00	22.46 0.44 0.00	22.62 0.38 -0.39	27.74 0.38 -2.52	30.88 0.45 0.00	33.10 0.53 0.00	28.98 0.52 -2.12	34.73 0.69 -0.70	30.31 0.44 -8.79	36.43 0.60 -0.67	42.63 0.72 0.00	50.55 0.94 0.00	69.60 1.42 0.00	50.24 1.04 0.00	67.77 1.29 0.00	45.95 0.92 0.00	38.02 0.77 0.00	33.72 0.68 0.00	28.49 0.57 -0.11
BETHPAGE_CC_5 323564	21.29 1.43 0.00	20.13 1.50 0.00	19.21 1.49 0.00	18.16 1.46 0.00	19.85 1.47 0.00	21.58 1.66 0.00	24.05 2.02 0.00	25.50 1.99 -1.66	37.88 2.17 -10.88	33.43 2.80 -0.19	38.29 3.26 -2.47	41.16 2.82 -11.99	41.78 3.67 -4.76	68.24 2.41 -44.76	44.71 3.83 -5.71	46.20 4.29 0.00	55.12 5.51 0.00	75.69 7.51 0.00	53.63 4.43 0.00	71.79 5.31 0.00	48.30 3.27 0.00	44.81 2.96 -4.60	35.84 2.79 0.00	30.57 2.29 -0.48
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.67 -0.19 0.00	18.44 -0.19 0.00	17.64 -0.08 0.00	16.67 -0.04 0.00	18.37 -0.01 0.00	20.20 0.28 0.00	22.40 0.38 0.00	22.18 0.33 0.00	25.40 0.57 0.00	31.15 0.71 0.00	33.19 0.62 0.00	27.01 0.66 0.00	33.59 0.24 0.00	20.94 -0.14 0.00	35.07 -0.10 0.00	41.94 0.04 0.00	50.88 1.27 0.00	69.80 1.62 0.00	50.17 0.97 0.00	67.54 1.06 0.00	45.16 0.12 0.00	37.34 0.09 0.00	33.49 0.44 0.00	28.02 0.21 0.00
BINGHAMTON___COGEN 23790	20.07 0.21 0.00	18.73 0.10 0.00	17.84 0.11 0.00	16.83 0.12 0.00	18.49 0.11 0.00	20.16 0.24 0.00	22.34 0.32 0.00	22.20 0.35 0.00	25.35 0.50 -0.01	31.22 0.68 -0.10	33.41 0.69 -0.15	27.05 0.69 0.00	34.20 0.79 -0.06	21.54 0.42 -0.04	36.39 0.76 -0.46	43.87 0.86 -1.11	52.94 1.52 -1.81	72.78 1.98 -2.62	52.35 1.09 -2.07	70.73 1.36 -2.88	47.52 0.75 -1.74	39.07 0.65 -1.18	34.53 0.60 -0.87	28.69 0.40 -0.48
BIXINCNT_115KV_LOAD 355685	19.49 -0.36 0.00	18.29 -0.33 0.00	17.52 -0.21 0.00	16.60 -0.11 0.00	18.32 -0.06 0.00	20.15 0.23 0.00	22.47 0.45 0.00	22.37 0.52 0.00	25.70 0.86 0.00	31.52 1.09 0.00	33.57 1.00 0.00	27.28 0.93 0.00	33.92 0.57 0.00	21.05 -0.03 0.00	35.35 0.19 0.00	42.15 0.24 0.00	51.15 1.54 0.00	69.96 1.78 0.00	50.19 0.99 0.00	67.66 1.18 0.00	45.29 0.25 0.00	37.53 0.28 0.00	33.70 0.65 0.00	28.24 0.43 0.00
BLACK RIVER___HYD 24047	19.31 -0.55 0.00	17.75 -0.88 0.00	16.86 -0.86 0.00	15.91 -0.80 0.00	17.65 -0.73 0.00	19.04 -0.88 0.00	21.07 -0.95 0.00	20.97 -0.89 0.00	24.07 -0.80 -0.03	29.87 -0.84 -0.27	31.54 -1.45 -0.42	24.78 -1.56 0.00	31.36 -2.16 -0.17	19.89 -1.29 -0.10	34.77 -1.64 -1.25	42.48 -2.41 -2.98	52.39 -2.09 -4.87	74.22 0.13 -5.91	54.73 0.86 -4.67	74.77 1.79 -6.50	50.76 1.78 -3.95	41.39 1.47 -2.67	36.03 1.00 -1.98	29.45 0.55 -1.09

BLACKRVR_115KV_TB2 79977	19.30 -0.55 0.00	17.75 -0.88 0.00	16.86 -0.86 0.00	15.91 -0.80 0.00	17.65 -0.73 0.00	19.04 -0.88 0.00	21.08 -0.95 0.00	20.96 -0.89 0.00	24.07 -0.80 -0.03	29.87 -0.84 -0.27	31.54 -1.45 -0.42	24.78 -1.57 0.00	31.36 -2.16 -0.17	19.89 -1.30 -0.10	34.76 -1.65 -1.25	42.48 -2.41 -2.98	52.39 -2.09 -4.87	74.21 0.13 -5.91	54.73 0.87 -4.67	74.77 1.79 -6.50	50.76 1.78 -3.95	41.39 1.47 -2.67	36.03 1.00 -1.98	29.45 0.55 -1.09
BLISS_WT_PWR 323608	19.38 -0.48 0.00	18.23 -0.40 0.00	17.47 -0.25 0.00	16.56 -0.14 0.00	18.29 -0.09 0.00	20.10 0.18 0.00	22.45 0.43 0.00	22.36 0.51 0.00	25.70 0.86 0.00	31.52 1.09 0.00	33.58 1.02 0.00	27.29 0.94 0.00	33.91 0.57 0.00	21.03 -0.05 0.00	35.32 0.15 0.00	42.09 0.18 0.00	51.12 1.51 0.00	69.92 1.74 0.00	50.16 0.96 0.00	67.68 1.20 0.00	45.29 0.26 0.00	37.55 0.30 0.00	33.71 0.66 0.00	28.23 0.42 0.00
BLUE_CIRC_CHEM_DRP 24182	20.43 0.58 0.00	19.24 0.61 0.00	18.32 0.60 0.00	17.26 0.56 0.00	18.95 0.57 0.00	20.58 0.66 0.00	22.76 0.74 0.00	22.88 0.67 -0.36	27.84 0.67 -2.34	31.18 0.74 0.00	33.32 0.75 0.00	28.63 0.32 -1.96	34.29 0.30 -0.64	29.42 0.20 -8.14	35.99 0.21 -0.61	42.15 0.24 0.00	49.91 0.30 0.00	68.66 0.48 0.00	49.59 0.39 0.00	66.98 0.51 0.00	45.48 0.44 0.00	37.63 0.38 0.00	33.54 0.49 0.00	28.70 0.79 -0.10
BOC_GAS_DRP 24189	20.37 0.51 0.00	19.16 0.54 0.00	18.24 0.52 0.00	17.18 0.48 0.00	18.85 0.47 0.00	20.44 0.52 0.00	22.59 0.57 0.00	22.75 0.52 -0.38	27.85 0.54 -2.47	31.10 0.66 0.00	33.33 0.77 0.00	29.11 0.70 -2.07	34.92 0.90 -0.68	30.25 0.57 -8.60	36.64 0.83 -0.65	42.87 0.97 0.00	50.86 1.25 0.00	69.88 1.70 0.00	50.30 1.10 0.00	67.85 1.37 0.00	46.02 0.98 0.00	38.09 0.84 0.00	33.82 0.77 0.00	28.57 0.65 -0.11
BOONVILLE_115KV_TB1 79983	20.12 0.27 0.00	18.67 0.05 0.00	17.74 0.02 0.00	16.72 0.01 0.00	18.44 0.06 0.00	20.06 0.14 0.00	22.26 0.24 0.00	22.53 0.68 0.00	25.67 0.83 0.00	31.49 1.06 0.00	33.69 1.13 0.00	27.32 0.97 0.00	34.55 1.20 0.00	21.83 0.75 0.00	36.51 1.35 0.00	43.49 1.59 0.00	51.75 2.13 0.00	71.94 2.38 -1.38	52.22 1.93 -1.09	70.71 2.70 -1.53	47.81 1.85 -0.93	39.36 1.48 -0.63	34.66 1.15 -0.47	28.87 0.80 -0.25
BORALEX_4TH_BRANCH 23824	20.93 1.08 0.00	19.71 1.09 0.00	18.75 1.02 0.00	17.64 0.94 0.00	19.34 0.96 0.00	20.96 1.04 0.00	23.18 1.15 0.00	23.32 1.04 -0.43	28.74 1.10 -2.80	31.72 1.28 0.00	33.99 1.42 0.00	30.01 1.31 -2.35	35.86 1.73 -0.77	31.92 1.08 -9.77	37.39 1.49 -0.74	43.71 1.81 0.00	51.73 2.12 0.00	70.91 2.73 0.00	51.27 2.92 0.00	69.40 2.92 0.00	47.23 2.20 0.00	39.09 1.84 0.00	34.52 1.47 0.00	29.15 1.21 -0.12
BOWLINE___1 23526	20.94 1.08 0.00	19.68 1.05 0.00	18.71 0.98 0.00	17.60 0.89 0.00	19.26 0.88 0.00	20.92 1.00 0.00	23.18 1.16 0.00	20.56 1.09 2.39	10.63 1.22 15.43	32.10 1.66 0.00	34.56 2.00 0.00	15.22 1.81 12.93	31.42 2.32 4.25	-31.18 1.53 53.79	33.57 2.47 4.06	44.85 2.94 0.00	53.58 3.97 0.00	73.54 5.36 0.00	52.37 3.18 0.00	70.31 3.83 0.00	47.46 2.43 0.00	39.32 2.07 0.00	34.97 1.93 0.00	28.64 1.52 0.69
BOWLINE___2 23595	20.96 1.11 0.00	19.69 1.06 0.00	18.72 0.99 0.00	17.60 0.90 0.00	19.27 0.89 0.00	20.93 1.01 0.00	23.20 1.18 0.00	20.58 1.11 2.39	10.65 1.25 15.44	32.14 1.70 0.00	34.60 2.04 0.00	15.23 1.83 12.95	31.43 2.34 4.26	-31.23 1.53 53.84	33.57 2.47 4.07	44.85 2.95 0.00	53.58 3.97 0.00	73.50 5.32 0.00	52.33 3.13 0.00	70.21 3.73 0.00	47.40 2.36 0.00	39.26 2.01 0.00	34.92 1.87 0.00	28.59 1.47 0.69
BRADY___115KV_TB2 356060	19.86 0.00 0.00	18.51 -0.12 0.00	17.59 -0.14 0.00	16.56 -0.14 0.00	18.30 -0.08 0.00	19.80 -0.11 0.00	21.92 -0.10 0.00	21.83 -0.02 0.00	24.76 -0.08 0.00	30.27 -0.21 -0.05	32.23 -0.40 -0.07	25.81 -0.54 0.00	32.84 -0.54 -0.03	20.78 -0.31 -0.02	34.96 -0.41 -0.21	41.89 -0.52 -0.51	49.46 -0.98 -0.83	66.88 -1.30 0.00	48.61 -0.59 0.00	66.09 -0.39 0.00	44.96 -0.08 0.00	37.13 -0.12 0.00	32.86 -0.19 0.00	27.74 -0.07 0.00
BRANSCOMB___SOLAR 323811	20.90 1.04 0.00	19.67 1.04 0.00	18.69 0.97 0.00	17.55 0.85 0.00	19.26 0.88 0.00	20.88 0.96 0.00	23.11 1.08 0.00	23.22 0.98 -0.39	28.43 1.07 -2.52	31.80 1.37 0.00	34.14 1.57 0.00	29.90 1.44 -2.11	35.96 1.92 -0.69	31.05 1.18 -8.79	37.72 1.89 -0.66	44.36 2.46 0.00	52.63 3.02 0.00	72.41 4.23 0.00	52.37 3.17 0.00	70.88 4.40 0.00	48.04 3.00 0.00	39.63 2.38 0.00	34.95 1.90 0.00	29.42 1.50 -0.11
BRENTWOD_69_KV_W. BRTWOOD 56703	21.31 1.45 0.00	20.17 1.54 0.00	19.29 1.57 0.00	18.29 1.59 0.00	19.98 1.60 0.00	21.72 1.80 0.00	24.25 2.23 0.00	25.71 2.20 -1.66	38.12 2.41 -10.88	33.69 3.07 -0.19	38.56 3.52 -2.47	41.27 2.93 -11.99	41.98 3.80 -4.83	73.64 2.32 -50.25	51.09 3.67 -12.26	46.04 4.13 0.00	54.91 5.30 0.00	75.37 7.19 0.00	53.32 4.12 0.00	71.27 4.79 0.00	47.93 2.90 0.00	41.60 2.77 -1.58	35.79 2.75 0.00	30.65 2.36 -0.48
BRISTLHL_115KV_TB1 79998	19.47 -0.39 0.00	18.25 -0.38 0.00	17.38 -0.34 0.00	16.37 -0.34 0.00	18.01 -0.37 0.00	19.60 -0.32 0.00	21.63 -0.39 0.00	21.47 -0.38 0.00	24.53 -0.36 -0.06	30.44 -0.47 -0.47	32.79 -0.51 -0.74	26.03 -0.31 0.00	33.15 -0.49 -0.30	20.93 -0.33 -0.18	36.82 -0.53 -2.19	46.57 -0.56 -5.23	57.86 -0.29 -8.54	80.21 -0.29 -12.32	58.66 -0.27 -9.73	79.63 -0.43 -13.58	52.92 -0.37 -8.25	42.49 -0.35 -5.59	36.82 -0.37 -4.14	29.71 -0.37 -2.27
BROOKHAVEN___DRP 24191	21.18 1.33 0.00	20.07 1.44 0.00	19.21 1.48 0.00	18.20 1.50 0.00	19.88 1.50 0.00	21.60 1.68 0.00	24.17 2.15 0.00	25.60 2.09 -1.66	37.98 2.27 -10.88	33.62 2.99 -0.19	38.26 3.22 -2.47	41.15 2.81 -11.99	42.22 3.73 -5.14	96.44 2.44 -72.92	78.32 3.85 -39.31	46.10 4.20 0.00	55.08 5.47 0.00	75.60 7.42 0.00	53.43 4.23 0.00	71.48 5.00 0.00	47.97 2.94 0.00	41.18 2.70 -1.23	35.66 2.61 0.00	30.44 2.15 -0.48
BROOKLYN_NAVY_YARD 23515	21.23 1.37 0.00	19.94 1.31 0.00	18.95 1.23 0.00	17.84 1.14 0.00	19.51 1.13 0.00	21.18 1.26 0.00	23.53 1.51 0.00	25.01 1.49 -1.67	37.34 1.67 -10.83	32.70 2.26 0.00	35.23 2.67 0.00	37.82 2.39 -9.08	39.38 3.05 -2.99	60.87 2.05 -37.75	41.30 3.29 -2.85	45.82 3.92 0.00	54.74 5.13 0.00	74.99 6.81 0.00	53.28 4.08 0.00	71.35 4.87 0.00	48.08 3.04 0.00	39.84 2.59 0.00	35.56 2.51 0.00	30.33 2.04 -0.48
BROOKLYN___ARMY_DRP 323595	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86

BROOKVLE_69_KV_TB1 55790	21.38 1.53 0.00	20.13 1.51 0.00	19.17 1.45 0.00	18.09 1.39 0.00	19.78 1.40 0.00	21.51 1.59 0.00	23.93 1.91 0.00	25.40 1.89 -1.66	37.84 2.12 -10.88	33.41 2.78 -0.19	38.34 3.30 -2.47	41.23 2.89 -11.99	41.79 3.69 -4.75	67.75 2.42 -44.25	44.17 3.90 -5.11	46.40 4.50 0.00	55.38 5.77 0.00	75.96 7.78 0.00	53.91 4.71 0.00	72.18 5.70 0.00	48.60 3.57 0.00	49.13 3.08 -8.79	35.89 2.84 0.00	30.66 2.37 -0.48
BROOME_2_LFGE 323671	20.07 0.21 0.00	18.73 0.10 0.00	17.83 0.11 0.00	16.83 0.12 0.00	18.49 0.11 0.00	20.16 0.24 0.00	22.34 0.32 0.00	22.20 0.35 0.00	25.35 0.50 -0.01	31.22 0.68 -0.10	33.41 0.69 -0.15	27.04 0.69 0.00	34.20 0.79 -0.06	21.54 0.42 -0.04	36.38 0.76 -0.46	43.87 0.86 -1.11	52.95 1.53 -1.81	72.77 1.97 -2.62	52.34 1.08 -2.07	70.73 1.36 -2.88	47.52 0.75 -1.74	39.07 0.64 -1.18	34.52 0.60 -0.87	28.68 0.39 -0.48
BROOME___LFGE 323600	20.07 0.21 0.00	18.73 0.10 0.00	17.83 0.11 0.00	16.83 0.12 0.00	18.49 0.11 0.00	20.16 0.24 0.00	22.34 0.32 0.00	22.20 0.35 0.00	25.35 0.50 -0.01	31.22 0.68 -0.10	33.41 0.69 -0.15	27.04 0.69 0.00	34.20 0.79 -0.06	21.54 0.42 -0.04	36.38 0.76 -0.46	43.87 0.86 -1.11	52.95 1.53 -1.81	72.77 1.97 -2.62	52.34 1.08 -2.07	70.73 1.36 -2.88	47.52 0.75 -1.74	39.07 0.64 -1.18	34.52 0.60 -0.87	28.68 0.39 -0.48
BROWNFLS_115KV_TB_3_5 80003	19.21 -0.65 0.00	17.76 -0.87 0.00	16.87 -0.86 0.00	15.90 -0.81 0.00	17.61 -0.77 0.00	18.96 -0.96 0.00	20.93 -1.09 0.00	20.70 -1.15 0.00	23.69 -1.17 -0.02	29.16 -1.43 -0.14	30.80 -1.99 -0.22	24.36 -1.98 0.00	31.05 -2.39 -0.09	19.70 -1.43 -0.06	33.78 -2.05 -0.67	40.74 -2.75 -1.59	49.28 -2.92 -2.60	68.95 -1.81 -2.59	50.45 -0.79 -2.04	68.66 -0.64 -2.82	46.63 -0.11 -1.71	38.27 -0.14 -1.16	33.58 -0.33 -0.86	27.94 -0.34 -0.47
BROWNSV1_27_KV_LOAD 356125	21.53 1.67 0.00	20.20 1.58 0.00	19.20 1.48 0.00	18.07 1.37 0.00	19.76 1.38 0.00	21.46 1.54 0.00	23.86 1.83 0.00	25.33 1.81 -1.67	37.73 2.07 -10.83	33.21 2.77 0.00	35.79 3.23 0.00	38.27 2.85 -9.08	39.98 3.65 -2.99	61.25 2.43 -37.75	41.94 3.92 -2.85	46.58 4.68 0.00	55.66 6.06 0.00	76.27 8.09 0.00	54.18 4.98 0.00	72.55 6.07 0.00	48.86 3.82 0.00	40.49 3.24 0.00	36.11 3.06 0.00	30.78 2.48 -0.48
BURROWS___LYONSDAL 23803	19.86 0.00 0.00	18.36 -0.27 0.00	17.44 -0.28 0.00	16.44 -0.26 0.00	18.17 -0.21 0.00	19.70 -0.22 0.00	21.88 -0.14 0.00	22.50 0.65 0.00	25.64 0.80 0.00	31.46 1.02 0.00	33.66 1.09 0.00	27.29 0.93 0.00	34.51 1.17 0.00	21.80 0.73 0.00	36.47 1.31 0.00	43.45 1.54 0.00	51.68 2.08 0.00	71.81 1.68 -1.95	52.28 1.55 -1.54	70.91 2.28 -2.15	47.99 1.65 -1.30	39.45 1.31 -0.88	34.69 0.99 -0.65	28.82 0.65 -0.36
CAITHNESS_CC_1 323624	21.15 1.29 0.00	20.04 1.41 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.85 1.47 0.00	21.56 1.64 0.00	24.10 2.08 0.00	25.54 2.03 -1.66	37.92 2.21 -10.88	33.52 2.89 -0.19	38.19 3.16 -2.47	41.07 2.73 -11.99	42.11 3.63 -5.13	96.22 2.37 -72.77	78.02 3.73 -39.13	45.97 4.07 0.00	54.91 5.29 0.00	75.37 7.19 0.00	53.25 4.06 0.00	71.23 4.75 0.00	47.83 2.80 0.00	41.06 2.59 -1.22	35.57 2.52 0.00	30.39 2.10 -0.48
CALPINE BETH_PAGE_GT4 24209	21.27 1.41 0.00	20.13 1.50 0.00	19.21 1.48 0.00	18.16 1.45 0.00	19.85 1.46 0.00	21.58 1.66 0.00	24.05 2.02 0.00	25.48 1.97 -1.66	37.83 2.12 -10.88	33.37 2.74 -0.19	38.24 3.21 -2.47	41.13 2.79 -11.99	41.73 3.63 -4.76	68.10 2.40 -44.63	44.52 3.79 -5.56	46.16 4.26 0.00	55.07 5.46 0.00	75.62 7.44 0.00	53.60 4.40 0.00	71.76 5.28 0.00	48.27 3.24 0.00	46.23 2.94 -6.04	35.82 2.77 0.00	30.55 2.26 -0.48
CALPINE_BETH_PAGE_GT_4 323586	21.27 1.42 0.00	20.13 1.50 0.00	19.21 1.49 0.00	18.16 1.45 0.00	19.85 1.47 0.00	21.58 1.66 0.00	24.04 2.02 0.00	25.48 1.97 -1.66	37.83 2.12 -10.88	33.37 2.74 -0.19	38.24 3.21 -2.47	41.13 2.79 -11.99	41.72 3.62 -4.76	68.10 2.40 -44.63	44.52 3.80 -5.56	46.16 4.25 0.00	55.07 5.46 0.00	75.62 7.44 0.00	53.59 4.39 0.00	71.76 5.28 0.00	48.28 3.24 0.00	46.23 2.94 -6.04	35.81 2.76 0.00	30.55 2.26 -0.48
CALPINE_BP_GT1 23823	21.27 1.42 0.00	20.13 1.50 0.00	19.21 1.49 0.00	18.16 1.45 0.00	19.85 1.47 0.00	21.58 1.66 0.00	24.04 2.02 0.00	25.48 1.97 -1.66	37.83 2.12 -10.88	33.37 2.74 -0.19	38.24 3.21 -2.47	41.13 2.79 -11.99	41.72 3.62 -4.76	68.10 2.40 -44.63	44.52 3.80 -5.56	46.16 4.25 0.00	55.07 5.46 0.00	75.62 7.44 0.00	53.59 4.39 0.00	71.76 5.28 0.00	48.28 3.24 0.00	46.23 2.94 -6.04	35.81 2.76 0.00	30.55 2.26 -0.48
CALSPAN___DRP 24200	19.61 -0.24 0.00	18.40 -0.23 0.00	17.60 -0.12 0.00	16.63 -0.07 0.00	18.33 -0.05 0.00	20.16 0.24 0.00	22.34 0.32 0.00	22.11 0.26 0.00	25.32 0.48 0.00	31.04 0.60 0.00	33.05 0.49 0.00	26.92 0.57 0.00	33.46 0.11 0.00	20.85 -0.22 0.00	34.90 -0.26 0.00	41.73 -0.17 0.00	50.63 1.02 0.00	69.49 1.31 0.00	49.95 0.76 0.00	67.25 0.77 0.00	44.97 -0.06 0.00	37.19 -0.06 0.00	33.36 0.31 0.00	27.92 0.11 0.00
CALVERTON___SOLAR 323806	21.25 1.40 0.00	20.13 1.50 0.00	19.27 1.55 0.00	18.26 1.56 0.00	19.95 1.57 0.00	21.67 1.75 0.00	24.27 2.24 0.00	25.69 2.18 -1.66	38.10 2.38 -10.88	33.77 3.14 -0.19	38.40 3.37 -2.47	41.27 2.93 -11.99	42.39 3.90 -5.14	96.63 2.57 -72.98	78.61 4.06 -39.39	46.30 4.40 0.00	55.36 5.75 0.00	76.02 7.83 0.00	53.70 4.50 0.00	71.88 5.40 0.00	48.24 3.20 0.00	41.37 2.89 -1.23	35.81 2.76 0.00	30.55 2.27 -0.48
CANDIGU_WT_PWR 323617	19.40 -0.45 0.00	18.11 -0.52 0.00	17.27 -0.45 0.00	16.42 -0.29 0.00	18.23 -0.15 0.00	19.96 0.04 0.00	22.17 0.15 0.00	22.04 0.19 0.00	25.37 0.52 -0.01	31.21 0.72 -0.05	33.22 0.57 -0.08	26.99 0.64 0.00	33.84 0.46 -0.03	21.16 0.06 -0.02	35.56 0.15 -0.25	42.61 0.12 -0.59	51.71 1.14 -0.96	71.19 1.62 -1.38	51.15 0.86 -1.09	69.08 1.08 -1.52	46.24 0.29 -0.92	38.14 0.27 -0.62	33.93 0.42 -0.46	28.26 0.20 -0.25
CARR STREET_E_SYR 24060	19.70 -0.16 0.00	18.44 -0.19 0.00	17.55 -0.17 0.00	16.54 -0.16 0.00	18.20 -0.18 0.00	19.80 -0.11 0.00	21.90 -0.13 0.00	21.68 -0.17 0.00	24.65 -0.21 -0.02	30.37 -0.21 -0.14	32.57 -0.21 -0.22	26.27 -0.08 0.00	33.25 -0.18 -0.09	20.98 -0.15 -0.05	35.60 -0.21 -0.65	43.26 -0.20 -1.55	52.28 0.14 -2.53	72.12 0.27 -3.67	52.19 0.09 -2.90	70.52 0.00 -4.05	47.36 -0.13 -2.46	38.77 -0.15 -1.66	34.11 -0.18 -1.23	28.25 -0.23 -0.68
CARTHAGE___PAPER 23857	19.39 -0.46 0.00	17.82 -0.81 0.00	16.92 -0.80 0.00	15.97 -0.74 0.00	17.72 -0.66 0.00	19.10 -0.82 0.00	21.10 -0.92 0.00	20.85 -1.00 0.00	23.94 -0.92 -0.03	29.61 -1.07 -0.25	31.15 -1.80 -0.38	24.45 -1.90 0.00	31.03 -2.47 -0.15	19.70 -1.47 -0.10	34.38 -1.92 -1.14	41.85 -2.77 -2.72	51.53 -2.52 -4.44	73.29 0.04 -5.07	54.01 0.80 -4.00	73.79 1.73 -5.58	50.07 1.65 -3.39	40.88 1.33 -2.30	35.67 0.92 -1.70	29.27 0.53 -0.93

CASSADAGA_WT_PWR 323784	19.50 -0.35 0.00	18.24 -0.39 0.00	17.50 -0.23 0.00	16.76 0.06 0.00	18.56 0.17 0.00	20.38 0.47 0.00	22.66 0.64 0.00	22.69 0.84 0.00	26.18 1.34 0.00	32.31 1.87 0.00	34.47 1.90 0.00	28.04 1.69 0.00	34.83 1.48 0.00	21.64 0.56 0.00	35.92 0.76 0.00	42.87 0.97 0.00	52.12 2.50 0.00	71.43 3.25 0.00	51.22 2.02 0.00	69.06 2.58 0.00	46.64 1.61 0.00	38.62 1.37 0.00	34.46 1.41 0.00	28.87 1.05 0.00
CE_DUNWOOD___DRP 24194	21.12 1.27 0.00	19.84 1.21 0.00	18.86 1.14 0.00	17.75 1.05 0.00	19.42 1.04 0.00	21.09 1.17 0.00	23.41 1.38 0.00	24.98 1.35 -1.78	37.85 1.51 -11.51	32.48 2.04 0.00	34.99 2.43 0.00	38.17 2.17 -9.65	39.31 2.79 -3.17	63.03 1.84 -40.11	41.16 2.96 -3.03	45.43 3.52 0.00	54.23 4.62 0.00	74.34 6.16 0.00	52.91 3.71 0.00	70.94 4.47 0.00	47.86 2.82 0.00	39.64 2.39 0.00	35.29 2.24 0.00	30.12 1.80 -0.51
CE_MILLWOOD___DRP 24193	21.07 1.21 0.00	19.80 1.17 0.00	18.82 1.09 0.00	17.71 1.00 0.00	19.38 1.00 0.00	21.04 1.13 0.00	23.35 1.32 0.00	24.99 1.28 -1.86	38.29 1.44 -12.01	32.38 1.94 0.00	34.88 2.32 0.00	38.50 2.07 -10.07	39.32 2.66 -3.31	64.71 1.76 -41.88	41.15 2.83 -3.16	45.28 3.37 0.00	54.05 4.44 0.00	74.09 5.91 0.00	52.76 3.56 0.00	70.75 4.27 0.00	47.74 2.70 0.00	39.55 2.30 0.00	35.19 2.14 0.00	30.06 1.71 -0.54
CE_NYC2_DRP 24202	21.25 1.39 0.00	19.96 1.34 0.00	18.98 1.25 0.00	17.87 1.16 0.00	19.50 1.12 0.00	21.16 1.24 0.00	23.54 1.51 0.00	25.02 1.50 -1.67	37.36 1.69 -10.82	32.73 2.29 0.00	35.29 2.73 0.00	37.86 2.43 -9.08	39.45 3.12 -2.98	60.90 2.09 -37.74	41.35 3.34 -2.85	45.86 3.95 0.00	54.77 5.16 0.00	75.00 6.82 0.00	53.27 4.08 0.00	71.38 4.90 0.00	48.09 3.06 0.00	39.89 2.64 0.00	35.64 2.59 0.00	30.40 2.11 -0.48
CE_NYC_DRP 24195	21.26 1.40 0.00	19.96 1.34 0.00	18.98 1.25 0.00	17.86 1.16 0.00	19.54 1.16 0.00	21.21 1.29 0.00	23.57 1.54 0.00	25.04 1.52 -1.67	37.38 1.72 -10.83	32.76 2.33 0.00	35.32 2.75 0.00	37.88 2.45 -9.08	39.46 3.13 -2.99	60.92 2.09 -37.75	41.38 3.36 -2.85	45.91 4.00 0.00	54.83 5.22 0.00	75.11 6.93 0.00	53.36 4.16 0.00	71.45 4.97 0.00	48.13 3.09 0.00	39.87 2.62 0.00	35.58 2.53 0.00	30.35 2.06 -0.48
CHAFFEE___LFGE 323603	19.71 -0.15 0.00	18.46 -0.16 0.00	17.65 -0.07 0.00	16.68 -0.03 0.00	18.37 -0.01 0.00	20.21 0.29 0.00	22.41 0.39 0.00	22.19 0.34 0.00	25.41 0.58 0.00	31.16 0.72 0.00	33.23 0.66 0.00	27.07 0.72 0.00	33.68 0.33 0.00	21.00 -0.08 0.00	35.19 0.03 0.00	42.03 0.12 0.00	50.96 1.35 0.00	69.94 1.76 0.00	50.25 1.05 0.00	67.67 1.19 0.00	45.24 0.20 0.00	37.43 0.18 0.00	33.56 0.51 0.00	28.03 0.22 0.00
CHATEAUG_35_KV_LOAD 355732	19.96 0.11 0.00	18.65 0.03 0.00	17.58 -0.14 0.00	16.58 -0.12 0.00	18.21 -0.17 0.00	19.73 -0.18 0.00	21.86 -0.16 0.00	21.90 0.05 0.00	24.85 0.02 0.00	30.29 -0.15 0.00	31.81 -0.75 0.00	25.30 -1.05 0.00	32.47 -0.88 0.00	20.84 -0.24 0.00	34.87 -0.29 0.00	41.65 -0.26 0.00	49.06 -0.55 0.00	67.32 -0.86 0.00	49.30 0.11 0.00	67.39 0.91 0.00	45.46 0.43 0.00	37.49 0.24 0.00	33.09 0.04 0.00	28.20 0.39 0.00
CHATEAUG_WT_PWR 323614	19.98 0.13 0.00	18.67 0.04 0.00	17.58 -0.14 0.00	16.60 -0.11 0.00	18.23 -0.15 0.00	19.76 -0.15 0.00	21.89 -0.14 0.00	21.97 0.12 0.00	24.96 0.12 0.00	30.43 -0.01 0.00	31.92 -0.64 0.00	25.37 -0.98 0.00	32.57 -0.77 0.00	20.93 -0.15 0.00	35.00 -0.16 0.00	41.85 -0.06 0.00	49.37 -0.24 0.00	67.81 -0.38 0.00	49.64 0.44 0.00	67.85 1.37 0.00	45.73 0.69 0.00	37.71 0.46 0.00	33.25 0.20 0.00	28.34 0.53 0.00
CHAT_HIGH_FALL_HYD 323578	19.96 0.11 0.00	18.65 0.03 0.00	17.58 -0.15 0.00	16.58 -0.12 0.00	18.21 -0.17 0.00	19.73 -0.18 0.00	21.86 -0.16 0.00	21.90 0.05 0.00	24.85 0.02 0.00	30.29 -0.15 0.00	31.81 -0.75 0.00	25.30 -1.05 0.00	32.47 -0.88 0.00	20.84 -0.23 0.00	34.87 -0.29 0.00	41.65 -0.26 0.00	49.06 -0.55 0.00	67.32 -0.86 0.00	49.30 0.11 0.00	67.40 0.92 0.00	45.46 0.43 0.00	37.49 0.24 0.00	33.09 0.04 0.00	28.20 0.39 0.00
CHAUTAUQUA___LFGE 323629	19.64 -0.21 0.00	18.34 -0.29 0.00	17.56 -0.16 0.00	16.71 0.00 0.00	18.44 0.06 0.00	20.27 0.35 0.00	22.51 0.49 0.00	22.41 0.56 0.00	25.77 0.94 0.00	31.71 1.27 0.00	33.81 1.25 0.00	27.54 1.19 0.00	34.30 0.96 0.00	21.36 0.28 0.00	35.64 0.48 0.00	42.56 0.66 0.00	51.67 2.06 0.00	70.76 2.58 0.00	50.65 1.45 0.00	68.27 1.79 0.00	45.86 0.82 0.00	37.96 0.70 0.00	33.93 0.88 0.00	28.40 0.59 0.00
CHERRYST_13_KV_LD 356241	21.33 1.48 0.00	20.03 1.40 0.00	19.04 1.32 0.00	17.92 1.22 0.00	19.61 1.22 0.00	21.29 1.37 0.00	23.67 1.65 0.00	25.15 1.63 -1.67	37.52 1.85 -10.83	32.93 2.50 0.00	35.50 2.94 0.00	38.04 2.61 -9.08	39.67 3.34 -2.99	61.05 2.22 -37.75	41.58 3.57 -2.85	46.16 4.26 0.00	55.13 5.53 0.00	75.52 7.34 0.00	53.61 4.41 0.00	71.78 5.30 0.00	48.32 3.29 0.00	40.04 2.79 0.00	35.72 2.67 0.00	30.46 2.17 -0.48
CHESTROR_138KV_BK263 355645	20.85 0.99 0.00	19.57 0.94 0.00	18.61 0.88 0.00	17.50 0.80 0.00	19.17 0.79 0.00	20.82 0.90 0.00	23.07 1.05 0.00	21.42 1.01 1.44	16.68 1.14 9.29	31.98 1.54 0.00	34.42 1.86 0.00	20.24 1.69 7.79	32.95 2.17 2.56	-9.90 1.42 32.40	35.00 2.29 2.45	44.61 2.71 0.00	53.26 3.65 0.00	73.06 4.88 0.00	52.12 2.93 0.00	70.02 3.54 0.00	47.28 2.24 0.00	39.15 1.90 0.00	34.79 1.74 0.00	28.75 1.35 0.42
CH_MIDHUDSON___DRP 24192	21.07 1.21 0.00	19.78 1.15 0.00	18.80 1.08 0.00	17.70 1.00 0.00	19.38 1.00 0.00	21.04 1.13 0.00	23.32 1.30 0.00	23.49 1.26 -0.37	28.64 1.41 -2.39	32.32 1.88 0.00	34.79 2.23 0.00	30.38 2.03 -2.01	36.63 2.62 -0.66	31.13 1.72 -8.34	38.55 2.75 -0.63	45.20 3.29 0.00	53.90 4.29 0.00	73.90 5.72 0.00	52.75 3.56 0.00	70.86 4.37 0.00	47.83 2.80 0.00	39.59 2.34 0.00	35.16 2.11 0.00	29.57 1.66 -0.11
CH_MISC_IPPS 23765	21.21 1.35 0.00	19.89 1.26 0.00	18.91 1.18 0.00	17.80 1.09 0.00	19.48 1.10 0.00	21.17 1.25 0.00	23.47 1.44 0.00	23.27 1.42 0.00	26.45 1.62 0.00	32.59 2.15 0.00	35.10 2.53 0.00	28.63 2.28 0.00	36.28 2.93 0.00	23.00 1.92 0.00	38.27 3.11 0.00	45.62 3.72 0.00	54.47 4.86 0.00	74.70 6.52 0.00	53.29 4.09 0.00	71.54 5.06 0.00	48.26 3.23 0.00	39.93 2.68 0.00	35.45 2.40 0.00	29.70 1.88 0.00
CH_RES_BVR_FALLS 23983	19.55 -0.30 0.00	18.31 -0.31 0.00	17.39 -0.33 0.00	16.43 -0.27 0.00	18.12 -0.26 0.00	19.60 -0.32 0.00	21.67 -0.35 0.00	21.36 -0.49 0.00	24.40 -0.44 0.00	29.80 -0.64 0.00	31.85 -0.71 0.00	25.68 -0.67 0.00	32.58 -0.77 0.00	20.63 -0.45 0.00	34.53 -0.63 0.00	41.17 -0.73 0.00	49.16 -0.45 0.00	68.19 0.01 0.00	49.02 -0.18 0.00	65.90 -0.58 0.00	44.68 -0.36 0.00	36.95 -0.30 0.00	32.76 -0.29 0.00	27.54 -0.27 0.00

CH_RES_NIAGARA 23895	19.12 -0.74 0.00	18.01 -0.62 0.00	17.26 -0.47 0.00	16.28 -0.43 0.00	17.92 -0.46 0.00	19.69 -0.23 0.00	21.79 -0.23 0.00	21.46 -0.39 0.00	24.47 -0.36 0.00	29.93 -0.51 0.00	31.84 -0.72 0.00	25.90 -0.45 0.00	32.02 -1.33 0.00	19.87 -1.20 0.00	33.18 -1.99 0.00	39.70 -2.21 0.00	48.17 -1.44 0.00	66.19 -1.99 0.00	47.73 -1.47 0.00	64.16 -2.32 0.00	42.93 -2.11 0.00	35.51 -1.74 0.00	32.01 -1.04 0.00	26.83 -0.99 0.00
CH_RES_SYRACUSE 23985	19.83 -0.03 0.00	18.54 -0.09 0.00	17.64 -0.09 0.00	16.62 -0.08 0.00	18.29 -0.09 0.00	19.92 0.01 0.00	22.05 0.02 0.00	21.88 0.03 0.00	24.95 0.08 -0.03	30.82 0.12 -0.26	33.11 0.14 -0.41	26.54 0.19 0.00	33.69 0.18 -0.16	21.27 0.10 -0.10	36.56 0.18 -1.22	45.11 0.30 -2.91	55.10 0.75 -4.74	76.11 1.07 -6.86	55.32 0.70 -5.42	74.88 0.83 -7.57	50.02 0.39 -4.60	40.65 0.29 -3.11	35.57 0.22 -2.30	29.14 0.07 -1.26
CLINTON_WT_PWR 323605	19.98 0.13 0.00	18.67 0.04 0.00	17.58 -0.14 0.00	16.60 -0.11 0.00	18.23 -0.15 0.00	19.76 -0.15 0.00	21.89 -0.14 0.00	21.97 0.12 0.00	24.96 0.12 0.00	30.43 -0.01 0.00	31.92 -0.64 0.00	25.37 -0.98 0.00	32.57 -0.77 0.00	20.93 -0.15 0.00	35.00 -0.16 0.00	41.85 -0.06 0.00	49.37 -0.24 0.00	67.81 -0.38 0.00	49.64 0.44 0.00	67.85 1.37 0.00	45.73 0.69 0.00	37.71 0.46 0.00	33.25 0.20 0.00	28.34 0.53 0.00
CLINTON___LFGE 323618	20.23 0.37 0.00	18.88 0.25 0.00	17.78 0.06 0.00	16.76 0.05 0.00	18.40 0.02 0.00	19.97 0.05 0.00	22.18 0.16 0.00	22.41 0.56 0.00	25.47 0.64 0.00	31.06 0.63 0.00	32.63 0.07 0.00	25.90 -0.44 0.00	33.26 -0.08 0.00	21.38 0.30 0.00	35.76 0.59 0.00	42.82 0.91 0.00	50.68 1.07 0.00	69.64 1.46 0.00	51.02 1.82 0.00	69.77 3.29 0.00	47.06 2.03 0.00	38.76 1.51 0.00	34.04 0.99 0.00	29.00 1.19 0.00
COBBLENY_34_KV_TB1 80064	19.71 -0.15 0.00	18.46 -0.16 0.00	17.65 -0.07 0.00	16.68 -0.03 0.00	18.37 -0.01 0.00	20.21 0.29 0.00	22.41 0.39 0.00	22.19 0.34 0.00	25.42 0.58 0.00	31.16 0.72 0.00	33.22 0.66 0.00	27.06 0.71 0.00	33.66 0.31 0.00	20.99 -0.08 0.00	35.19 0.02 0.00	42.02 0.12 0.00	50.96 1.35 0.00	69.94 1.75 0.00	50.26 1.06 0.00	67.66 1.18 0.00	45.24 0.21 0.00	37.43 0.17 0.00	33.55 0.51 0.00	28.04 0.23 0.00
COFFEEN___115KV_TB3 355620	19.47 -0.39 0.00	17.88 -0.74 0.00	16.99 -0.74 0.00	16.03 -0.68 0.00	17.78 -0.60 0.00	19.21 -0.71 0.00	21.30 -0.73 0.00	21.20 -0.65 0.00	24.29 -0.58 -0.03	30.16 -0.55 -0.27	31.86 -1.13 -0.43	25.02 -1.33 0.00	31.62 -1.90 -0.17	20.04 -1.14 -0.11	35.01 -1.42 -1.27	42.81 -2.12 -3.03	52.76 -1.79 -4.95	74.72 0.48 -6.06	55.14 1.16 -4.78	75.40 2.26 -6.67	51.31 2.23 -4.05	41.83 1.84 -2.74	36.38 1.31 -2.03	29.71 0.79 -1.12
COLDSPRG_115KV_BK1 355956	20.08 0.23 0.00	18.72 0.10 0.00	17.90 0.18 0.00	17.01 0.30 0.00	18.77 0.39 0.00	20.64 0.72 0.00	22.99 0.96 0.00	22.98 1.13 0.00	26.45 1.62 0.00	32.57 2.14 0.00	34.69 2.13 0.00	28.19 1.84 0.00	35.08 1.73 0.00	21.83 0.75 0.00	36.23 1.07 0.00	43.20 1.30 0.00	52.33 2.72 0.00	71.50 3.32 0.00	51.10 1.91 0.00	68.81 2.33 0.00	46.56 1.52 0.00	38.59 1.34 0.00	34.56 1.51 0.00	28.97 1.16 0.00
COLONIE_LFGE___ 323577	20.67 0.82 0.00	19.47 0.84 0.00	18.52 0.79 0.00	17.42 0.71 0.00	19.11 0.73 0.00	20.72 0.80 0.00	22.91 0.88 0.00	23.05 0.80 -0.40	28.30 0.87 -2.59	31.51 1.07 0.00	33.80 1.24 0.00	29.67 1.15 -2.17	35.58 1.52 -0.72	31.06 0.94 -9.04	37.25 1.41 -0.68	43.66 1.76 0.00	51.75 2.14 0.00	71.06 2.88 0.00	51.30 2.10 0.00	69.30 2.82 0.00	47.03 2.00 0.00	38.86 1.61 0.00	34.37 1.32 0.00	28.99 1.06 -0.11
COOPERNY_115KV_TB1 80082	20.59 0.74 0.00	19.33 0.70 0.00	18.38 0.65 0.00	17.30 0.60 0.00	18.97 0.58 0.00	20.59 0.67 0.00	22.80 0.78 0.00	22.06 0.74 0.54	22.22 0.86 3.48	31.61 1.17 0.00	33.98 1.42 0.00	24.73 1.30 2.92	34.05 1.66 0.96	10.03 1.08 12.13	35.97 1.72 0.92	43.94 2.04 0.00	52.39 2.78 0.00	71.91 3.73 0.00	51.41 2.22 0.00	69.17 2.68 0.00	46.73 1.70 0.00	38.69 1.44 0.00	34.37 1.33 0.00	28.67 1.02 0.15
COPENHAGEN_WT_PWR 323753	19.13 -0.73 0.00	17.58 -1.04 0.00	16.71 -1.01 0.00	15.77 -0.94 0.00	17.50 -0.88 0.00	18.85 -1.07 0.00	20.84 -1.18 0.00	20.81 -1.05 0.00	23.93 -0.94 -0.03	29.73 -0.99 -0.28	31.40 -1.60 -0.44	24.68 -1.67 0.00	31.24 -2.28 -0.18	19.82 -1.36 -0.11	34.74 -1.72 -1.30	42.50 -2.52 -3.11	52.56 -2.13 -5.08	74.45 -0.05 -6.32	54.91 0.72 -4.99	74.97 1.53 -6.95	50.80 1.54 -4.22	41.40 1.28 -2.86	36.02 0.85 -2.12	29.39 0.42 -1.16
CORNELL___ 23752	20.31 0.45 0.00	18.94 0.31 0.00	18.02 0.29 0.00	16.98 0.28 0.00	18.68 0.30 0.00	20.39 0.47 0.00	22.60 0.58 0.00	22.46 0.61 0.00	25.64 0.78 -0.02	31.58 1.00 -0.14	33.74 0.96 -0.22	27.18 0.83 0.00	34.40 0.96 -0.09	21.71 0.57 -0.05	36.82 1.00 -0.66	44.75 1.28 -1.57	54.25 2.07 -2.57	74.86 2.96 -3.72	54.22 2.09 -2.94	73.42 2.84 -4.10	49.27 1.75 -2.49	40.34 1.40 -1.68	35.47 1.17 -1.25	29.30 0.80 -0.68
CORONA_AV_69_KV_TB1 355595	21.38 1.52 0.00	20.14 1.51 0.00	19.19 1.47 0.00	18.11 1.40 0.00	19.80 1.42 0.00	21.52 1.60 0.00	23.95 1.92 0.00	25.36 1.85 -1.66	37.74 2.03 -10.88	33.25 2.62 -0.19	38.16 3.13 -2.47	41.06 2.72 -11.99	41.65 3.55 -4.75	67.70 2.38 -44.25	44.07 3.80 -5.11	46.20 4.30 0.00	55.16 5.55 0.00	75.71 7.53 0.00	53.71 4.51 0.00	72.04 5.56 0.00	48.53 3.49 0.00	70.32 3.11 -29.95	35.92 2.87 0.00	30.63 2.34 -0.48
CORTLAND_115KV_TB3 80093	20.12 0.26 0.00	18.78 0.16 0.00	17.87 0.15 0.00	16.85 0.14 0.00	18.52 0.14 0.00	20.20 0.28 0.00	22.37 0.35 0.00	22.23 0.38 0.00	25.35 0.50 -0.02	31.25 0.67 -0.15	33.47 0.68 -0.23	26.98 0.63 0.00	34.15 0.72 -0.09	21.54 0.41 -0.06	36.58 0.75 -0.68	44.42 0.91 -1.61	53.76 1.52 -2.63	74.14 2.11 -3.85	53.64 1.40 -3.04	72.61 1.88 -4.24	48.76 1.15 -2.58	39.90 0.91 -1.74	35.09 0.75 -1.29	29.01 0.49 -0.71
COXSACKIE___GT 23611	21.22 1.36 0.00	19.96 1.33 0.00	18.97 1.25 0.00	17.86 1.15 0.00	19.61 1.23 0.00	21.32 1.40 0.00	23.62 1.60 0.00	23.74 1.59 -0.30	28.45 1.70 -1.92	32.28 1.84 0.00	34.29 1.73 0.00	29.29 1.34 -1.61	35.58 1.71 -0.53	28.87 1.12 -6.68	37.40 1.74 -0.51	44.12 2.22 0.00	52.37 2.76 0.00	72.40 4.22 0.00	52.83 3.63 0.00	71.79 5.31 0.00	48.79 3.76 0.00	40.25 3.00 0.00	35.48 2.43 0.00	29.90 2.01 -0.08
CPV_VALLEY___CC1 323721	20.67 0.82 0.00	19.42 0.79 0.00	18.46 0.74 0.00	17.37 0.67 0.00	19.03 0.65 0.00	20.67 0.75 0.00	22.89 0.87 0.00	21.81 0.82 0.86	20.19 0.94 5.58	31.71 1.28 0.00	34.13 1.56 0.00	23.11 1.44 4.68	33.65 1.84 1.54	2.83 1.21 19.46	35.63 1.94 1.47	44.19 2.29 0.00	52.73 3.12 0.00	72.33 4.15 0.00	51.62 2.42 0.00	69.37 2.88 0.00	46.86 1.83 0.00	38.80 1.55 0.00	34.48 1.44 0.00	28.68 1.12 0.25

CPV_VALLEY__CC2 323722	20.67 0.82 0.00	19.42 0.79 0.00	18.46 0.74 0.00	17.37 0.67 0.00	19.03 0.65 0.00	20.67 0.75 0.00	22.89 0.87 0.00	21.81 0.82 0.86	20.19 0.94 5.58	31.71 1.28 0.00	34.13 1.56 0.00	23.11 1.44 4.68	33.65 1.84 1.54	2.83 1.21 19.46	35.63 1.94 1.47	44.19 2.29 0.00	52.73 3.12 0.00	72.33 4.15 0.00	51.62 2.42 0.00	69.37 2.88 0.00	46.86 1.83 0.00	38.80 1.55 0.00	34.48 1.44 0.00	28.68 1.12 0.25
CRESCENT__HYD 24018	20.67 0.82 0.00	19.47 0.84 0.00	18.52 0.79 0.00	17.42 0.71 0.00	19.11 0.73 0.00	20.72 0.80 0.00	22.91 0.88 0.00	23.05 0.80 -0.40	28.30 0.87 -2.59	31.51 1.07 0.00	33.80 1.24 0.00	29.67 1.15 -2.17	35.58 1.52 -0.72	31.06 0.94 -9.04	37.25 1.41 -0.68	43.66 1.76 0.00	51.75 2.14 0.00	71.06 2.88 0.00	51.30 2.10 0.00	69.30 2.82 0.00	47.03 2.00 0.00	38.86 1.61 0.00	34.37 1.32 0.00	28.99 1.06 -0.11
CRICKET__VALLEY_CC1 323756	20.84 0.99 0.00	19.60 0.97 0.00	18.62 0.90 0.00	17.54 0.84 0.00	19.20 0.82 0.00	20.81 0.90 0.00	23.05 1.03 0.00	23.57 0.96 -0.75	30.72 1.00 -4.88	31.79 1.36 0.00	34.18 1.62 0.00	31.98 1.54 -4.09	36.72 2.02 -1.35	39.41 1.31 -17.03	38.48 2.03 -1.29	44.36 2.45 0.00	52.78 3.17 0.00	72.28 4.10 0.00	51.71 2.51 0.00	69.57 3.09 0.00	47.03 2.00 0.00	38.94 1.69 0.00	34.57 1.52 0.00	29.21 1.18 -0.22
CRICKET__VALLEY_CC2 323757	20.84 0.99 0.00	19.60 0.97 0.00	18.62 0.90 0.00	17.54 0.84 0.00	19.20 0.82 0.00	20.81 0.90 0.00	23.05 1.03 0.00	23.57 0.96 -0.75	30.72 1.00 -4.88	31.79 1.36 0.00	34.18 1.62 0.00	31.98 1.54 -4.09	36.72 2.02 -1.35	39.41 1.31 -17.03	38.48 2.03 -1.29	44.36 2.45 0.00	52.78 3.17 0.00	72.28 4.10 0.00	51.71 2.51 0.00	69.57 3.09 0.00	47.03 2.00 0.00	38.94 1.69 0.00	34.57 1.52 0.00	29.21 1.18 -0.22
CRICKET__VALLEY_CC3 323758	20.84 0.99 0.00	19.60 0.97 0.00	18.62 0.90 0.00	17.54 0.84 0.00	19.20 0.82 0.00	20.81 0.90 0.00	23.05 1.03 0.00	23.57 0.96 -0.75	30.72 1.00 -4.88	31.79 1.36 0.00	34.18 1.62 0.00	31.98 1.54 -4.09	36.72 2.02 -1.35	39.41 1.31 -17.03	38.48 2.03 -1.29	44.36 2.45 0.00	52.78 3.17 0.00	72.28 4.10 0.00	51.71 2.51 0.00	69.57 3.09 0.00	47.03 2.00 0.00	38.94 1.69 0.00	34.57 1.52 0.00	29.21 1.18 -0.22
CRUCIBLE_METL_DRP 24180	19.83 -0.03 0.00	18.54 -0.09 0.00	17.64 -0.09 0.00	16.62 -0.08 0.00	18.29 -0.09 0.00	19.92 0.01 0.00	22.04 0.02 0.00	21.88 0.03 0.00	24.95 0.08 -0.03	30.82 0.12 -0.26	33.11 0.14 -0.41	26.53 0.18 0.00	33.69 0.18 -0.16	21.27 0.10 -0.10	36.56 0.18 -1.22	45.10 0.29 -2.91	55.11 0.75 -4.74	76.12 1.07 -6.86	55.32 0.70 -5.42	74.88 0.83 -7.57	50.02 0.39 -4.60	40.65 0.29 -3.11	35.57 0.22 -2.30	29.15 0.07 -1.26
DAHOWA__HYDRO 323763	20.95 1.09 0.00	19.70 1.07 0.00	18.72 1.00 0.00	17.56 0.86 0.00	19.28 0.90 0.00	20.90 0.98 0.00	23.14 1.12 0.00	23.26 1.02 -0.39	28.47 1.13 -2.51	31.89 1.46 0.00	34.25 1.69 0.00	29.99 1.54 -2.10	36.10 2.06 -0.69	31.08 1.26 -8.75	37.85 2.03 -0.66	44.56 2.66 0.00	52.87 3.26 0.00	72.75 4.57 0.00	52.63 3.43 0.00	71.30 4.82 0.00	48.30 3.27 0.00	39.81 2.56 0.00	35.08 2.04 0.00	29.52 1.60 -0.11
DANC__LFGE 323619	19.28 -0.57 0.00	17.86 -0.77 0.00	16.98 -0.74 0.00	16.02 -0.68 0.00	17.72 -0.66 0.00	19.16 -0.76 0.00	21.18 -0.84 0.00	21.08 -0.77 0.00	24.16 -0.71 -0.04	29.99 -0.76 -0.32	31.90 -1.16 -0.50	25.20 -1.15 0.00	31.96 -1.59 -0.20	20.22 -0.98 -0.13	35.36 -1.29 -1.50	43.64 -1.83 -3.57	53.90 -1.53 -5.82	75.62 -0.32 -7.76	55.55 0.22 -6.13	75.64 0.61 -8.54	50.95 0.72 -5.19	41.41 0.64 -3.52	36.02 0.37 -2.60	29.35 0.11 -1.43
DANSKAMMER__1 23586	21.21 1.35 0.00	19.89 1.26 0.00	18.91 1.18 0.00	17.80 1.09 0.00	19.48 1.10 0.00	21.17 1.25 0.00	23.47 1.44 0.00	23.27 1.42 0.00	26.45 1.62 0.00	32.59 2.15 0.00	35.10 2.53 0.00	28.63 2.28 0.00	36.28 2.93 0.00	23.00 1.92 0.00	38.27 3.11 0.00	45.62 3.72 0.00	54.47 4.86 0.00	74.70 6.52 0.00	53.29 4.09 0.00	71.54 5.06 0.00	48.26 3.23 0.00	39.93 2.68 0.00	35.45 2.40 0.00	29.70 1.88 0.00
DANSKAMMER__2 23589	21.21 1.35 0.00	19.89 1.26 0.00	18.91 1.18 0.00	17.80 1.09 0.00	19.48 1.10 0.00	21.17 1.25 0.00	23.47 1.44 0.00	23.27 1.42 0.00	26.45 1.62 0.00	32.59 2.15 0.00	35.10 2.53 0.00	28.63 2.28 0.00	36.28 2.93 0.00	23.00 1.92 0.00	38.27 3.11 0.00	45.62 3.72 0.00	54.47 4.86 0.00	74.70 6.52 0.00	53.29 4.09 0.00	71.54 5.06 0.00	48.26 3.23 0.00	39.93 2.68 0.00	35.45 2.40 0.00	29.70 1.88 0.00
DANSKAMMER__3 23590	21.21 1.35 0.00	19.89 1.26 0.00	18.91 1.18 0.00	17.80 1.09 0.00	19.48 1.10 0.00	21.17 1.25 0.00	23.47 1.44 0.00	23.27 1.42 0.00	26.45 1.62 0.00	32.59 2.15 0.00	35.10 2.53 0.00	28.63 2.28 0.00	36.28 2.93 0.00	23.00 1.92 0.00	38.27 3.11 0.00	45.62 3.72 0.00	54.47 4.86 0.00	74.70 6.52 0.00	53.29 4.09 0.00	71.54 5.06 0.00	48.26 3.23 0.00	39.93 2.68 0.00	35.45 2.40 0.00	29.70 1.88 0.00
DANSKAMMER__4 23591	21.21 1.35 0.00	19.89 1.26 0.00	18.91 1.18 0.00	17.80 1.09 0.00	19.48 1.10 0.00	21.17 1.25 0.00	23.47 1.44 0.00	23.27 1.42 0.00	26.45 1.62 0.00	32.59 2.15 0.00	35.10 2.53 0.00	28.63 2.28 0.00	36.28 2.93 0.00	23.00 1.92 0.00	38.27 3.11 0.00	45.62 3.72 0.00	54.47 4.86 0.00	74.70 6.52 0.00	53.29 4.09 0.00	71.54 5.06 0.00	48.26 3.23 0.00	39.93 2.68 0.00	35.45 2.40 0.00	29.70 1.88 0.00
DANSKAMMER__DIESEL 23592	21.21 1.35 0.00	19.89 1.26 0.00	18.91 1.18 0.00	17.80 1.09 0.00	19.48 1.10 0.00	21.17 1.25 0.00	23.47 1.44 0.00	23.27 1.42 0.00	26.45 1.61 0.00	32.59 2.15 0.00	35.10 2.53 0.00	28.63 2.28 0.00	36.28 2.93 0.00	23.00 1.92 0.00	38.28 3.11 0.00	45.63 3.72 0.00	54.47 4.86 0.00	74.70 6.52 0.00	53.29 4.10 0.00	71.54 5.06 0.00	48.26 3.23 0.00	39.93 2.68 0.00	35.46 2.41 0.00	29.69 1.88 0.00
DARBY__SOLAR 323810	20.91 1.05 0.00	19.67 1.04 0.00	18.70 0.97 0.00	17.55 0.85 0.00	19.26 0.88 0.00	20.88 0.96 0.00	23.11 1.09 0.00	23.22 0.99 -0.39	28.45 1.09 -2.52	31.83 1.39 0.00	34.17 1.61 0.00	29.92 1.46 -2.11	36.00 1.96 -0.69	31.08 1.21 -8.79	37.75 1.93 -0.66	44.42 2.52 0.00	52.70 3.09 0.00	72.51 4.33 0.00	52.43 3.23 0.00	70.98 4.50 0.00	48.09 3.05 0.00	39.66 2.41 0.00	34.98 1.94 0.00	29.44 1.53 -0.11
DASHVILLE__HYD 23610	20.90 1.05 0.00	19.59 0.96 0.00	18.62 0.89 0.00	17.52 0.82 0.00	19.18 0.80 0.00	20.86 0.94 0.00	23.12 1.10 0.00	22.91 1.06 0.00	26.05 1.21 0.00	32.14 1.70 0.00	34.66 2.09 0.00	28.32 1.97 0.00	35.93 2.59 0.00	22.78 1.70 0.00	37.88 2.72 0.00	45.11 3.21 0.00	53.89 4.28 0.00	73.81 5.63 0.00	52.51 3.31 0.00	70.42 3.94 0.00	47.50 2.47 0.00	39.34 2.09 0.00	34.95 1.90 0.00	29.22 1.41 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	21.76 1.90 0.00	20.60 1.97 0.00	19.72 2.00 0.00	18.69 1.98 0.00	20.42 2.04 0.00	22.18 2.26 0.00	24.88 2.85 0.00	26.34 2.83 -1.66	38.90 3.19 -10.88	34.83 4.20 -0.19	39.57 4.53 -2.47	42.32 3.98 -11.99	43.75 5.27 -5.14	97.61 3.47 -73.06	80.23 5.58 -39.48	47.80 5.90 0.00	57.35 7.73 0.00	78.67 10.49 0.00	55.48 6.28 0.00	74.41 7.93 0.00	49.81 4.77 0.00	42.67 4.18 -1.24	36.90 3.85 0.00	31.39 3.11 -0.48
DELAWARE___LFGE 323621	20.49 0.64 0.00	19.21 0.59 0.00	18.30 0.57 0.00	17.23 0.53 0.00	18.91 0.53 0.00	20.56 0.64 0.00	22.73 0.71 0.00	22.55 0.71 0.00	25.66 0.82 -0.01	31.57 1.09 -0.05	33.90 1.26 -0.08	27.47 1.13 0.00	34.80 1.42 -0.03	21.99 0.89 -0.02	36.83 1.43 -0.24	44.14 1.65 -0.58	52.78 2.22 -0.95	72.55 3.00 -1.37	52.18 1.90 -1.09	70.45 2.47 -1.50	47.55 1.66 -0.85	39.22 1.40 -0.58	34.71 1.24 -0.43	28.98 0.93 -0.23
DERFIELD_115KV_TB7 355931	19.88 0.02 0.00	18.64 0.02 0.00	17.74 0.02 0.00	16.71 0.01 0.00	18.38 0.00 0.00	19.94 0.02 0.00	22.03 0.01 0.00	21.85 0.00 0.00	24.84 0.00 0.00	30.45 0.01 0.00	32.60 0.03 0.00	26.40 0.05 0.00	33.42 0.07 0.00	21.12 0.04 0.00	35.23 0.07 0.00	41.95 0.05 0.00	49.78 0.17 0.00	68.52 0.34 0.00	49.39 0.20 0.00	66.74 0.26 0.00	45.18 0.14 0.00	37.40 0.15 0.00	33.15 0.11 0.00	27.86 0.05 0.00
DOGLEVILLE___HYD 23807	20.04 0.18 0.00	18.69 0.06 0.00	17.75 0.03 0.00	16.69 -0.01 0.00	18.29 -0.09 0.00	19.94 0.02 0.00	22.07 0.05 0.00	21.85 0.00 0.00	24.73 -0.10 0.00	30.35 -0.09 0.00	32.54 -0.02 0.00	26.51 0.16 0.00	33.74 0.40 0.00	21.35 0.28 0.00	35.50 0.34 0.00	42.32 0.41 0.00	50.29 0.68 0.00	69.42 1.24 0.00	50.27 1.07 0.00	68.01 1.53 0.00	45.94 0.90 0.00	38.00 0.75 0.00	33.52 0.47 0.00	28.00 0.19 0.00
DUNKIRK___115KV_TB_200 55889	19.66 -0.19 0.00	18.36 -0.27 0.00	17.57 -0.15 0.00	16.70 -0.01 0.00	18.42 0.04 0.00	20.25 0.33 0.00	22.47 0.45 0.00	22.37 0.52 0.00	25.71 0.87 0.00	31.62 1.18 0.00	33.71 1.15 0.00	27.46 1.11 0.00	34.20 0.85 0.00	21.30 0.23 0.00	35.57 0.41 0.00	42.47 0.56 0.00	51.53 1.92 0.00	70.59 2.41 0.00	50.53 1.34 0.00	68.09 1.61 0.00	45.72 0.69 0.00	37.85 0.60 0.00	33.84 0.80 0.00	28.34 0.53 0.00
DUNKIRK___1 23563	19.66 -0.19 0.00	18.36 -0.27 0.00	17.57 -0.15 0.00	16.70 -0.01 0.00	18.42 0.04 0.00	20.25 0.33 0.00	22.47 0.45 0.00	22.37 0.52 0.00	25.71 0.87 0.00	31.62 1.18 0.00	33.71 1.15 0.00	27.46 1.11 0.00	34.20 0.85 0.00	21.30 0.23 0.00	35.57 0.41 0.00	42.47 0.56 0.00	51.53 1.92 0.00	70.59 2.41 0.00	50.53 1.34 0.00	68.09 1.61 0.00	45.72 0.69 0.00	37.85 0.60 0.00	33.84 0.80 0.00	28.34 0.53 0.00
DUNKIRK___2 23564	19.66 -0.19 0.00	18.36 -0.27 0.00	17.57 -0.15 0.00	16.70 -0.01 0.00	18.42 0.04 0.00	20.25 0.33 0.00	22.47 0.45 0.00	22.37 0.52 0.00	25.71 0.87 0.00	31.62 1.18 0.00	33.71 1.15 0.00	27.46 1.11 0.00	34.20 0.85 0.00	21.30 0.23 0.00	35.57 0.41 0.00	42.47 0.56 0.00	51.53 1.92 0.00	70.59 2.41 0.00	50.53 1.34 0.00	68.09 1.61 0.00	45.72 0.69 0.00	37.85 0.60 0.00	33.84 0.80 0.00	28.34 0.53 0.00
DUNKIRK___3 23565	19.65 -0.21 0.00	18.36 -0.27 0.00	17.56 -0.17 0.00	16.65 -0.06 0.00	18.35 -0.03 0.00	20.17 0.25 0.00	22.38 0.36 0.00	22.23 0.38 0.00	25.52 0.69 0.00	31.35 0.91 0.00	33.42 0.85 0.00	27.21 0.86 0.00	33.89 0.54 0.00	21.11 0.04 0.00	35.31 0.14 0.00	42.15 0.25 0.00	51.13 1.52 0.00	70.03 1.85 0.00	50.16 0.96 0.00	67.55 1.07 0.00	45.30 0.27 0.00	37.50 0.25 0.00	33.58 0.53 0.00	28.12 0.31 0.00
DUNKIRK___4 23566	19.65 -0.21 0.00	18.36 -0.27 0.00	17.56 -0.17 0.00	16.65 -0.06 0.00	18.35 -0.03 0.00	20.17 0.25 0.00	22.38 0.36 0.00	22.23 0.38 0.00	25.52 0.69 0.00	31.35 0.91 0.00	33.42 0.85 0.00	27.21 0.86 0.00	33.89 0.54 0.00	21.11 0.04 0.00	35.31 0.14 0.00	42.15 0.25 0.00	51.13 1.52 0.00	70.03 1.85 0.00	50.16 0.96 0.00	67.55 1.07 0.00	45.30 0.27 0.00	37.50 0.25 0.00	33.58 0.53 0.00	28.12 0.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.18 1.32 0.00	19.90 1.27 0.00	18.92 1.19 0.00	17.81 1.10 0.00	19.48 1.10 0.00	21.15 1.23 0.00	23.47 1.45 0.00	24.95 1.43 -1.67	37.26 1.61 -10.81	32.59 2.15 0.00	35.11 2.55 0.00	37.69 2.27 -9.07	39.24 2.91 -2.98	60.71 1.93 -37.71	41.11 3.10 -2.85	45.59 3.69 0.00	54.42 4.81 0.00	74.61 6.43 0.00	53.07 3.87 0.00	71.14 4.66 0.00	47.97 2.94 0.00	39.75 2.50 0.00	35.40 2.35 0.00	30.20 1.91 -0.48
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.00 1.15 0.00	19.70 1.08 0.00	18.73 1.01 0.00	17.62 0.92 0.00	19.30 0.92 0.00	20.97 1.05 0.00	23.24 1.21 0.00	22.66 1.18 0.38	23.72 1.34 2.45	32.23 1.80 0.00	34.71 2.14 0.00	26.23 1.94 2.05	35.16 2.49 0.68	14.16 1.63 8.54	37.16 2.64 0.64	45.04 3.14 0.00	53.80 4.19 0.00	73.80 5.62 0.00	52.64 3.44 0.00	70.68 4.20 0.00	47.71 2.68 0.00	39.49 2.24 0.00	35.09 2.04 0.00	29.29 1.59 0.11
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.22 1.37 0.00	19.93 1.31 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.49 1.11 0.00	21.15 1.23 0.00	23.52 1.50 0.00	24.99 1.46 -1.67	37.30 1.63 -10.82	32.64 2.20 0.00	35.21 2.64 0.00	37.77 2.34 -9.08	39.40 3.07 -2.98	60.88 2.06 -37.74	41.27 3.26 -2.85	45.73 3.83 0.00	54.63 5.02 0.00	74.78 6.59 0.00	53.16 3.96 0.00	71.25 4.77 0.00	48.06 3.03 0.00	39.89 2.64 0.00	35.61 2.56 0.00	30.34 2.05 -0.48
E179THST_13_KV_LOAD 356214	21.35 1.49 0.00	20.05 1.42 0.00	19.05 1.33 0.00	17.93 1.23 0.00	19.59 1.21 0.00	21.27 1.35 0.00	23.66 1.64 0.00	25.13 1.61 -1.67	37.46 1.80 -10.82	32.84 2.41 0.00	35.43 2.87 0.00	37.95 2.53 -9.08	39.64 3.31 -2.98	61.03 2.21 -37.74	41.54 3.53 -2.85	46.05 4.15 0.00	55.02 5.42 0.00	75.31 7.13 0.00	53.54 4.35 0.00	71.76 5.28 0.00	48.40 3.37 0.00	40.16 2.91 0.00	35.85 2.80 0.00	30.55 2.25 -0.48
EAST HAMPTON___GT 23717	22.14 2.29 0.00	20.95 2.32 0.00	20.05 2.33 0.00	18.99 2.29 0.00	20.76 2.38 0.00	22.55 2.63 0.00	25.30 3.28 0.00	26.79 3.28 -1.66	39.47 3.76 -10.88	35.51 4.88 -0.19	40.31 5.27 -2.47	42.97 4.63 -11.99	44.57 6.09 -5.14	98.15 4.01 -73.07	81.14 6.49 -39.49	48.33 6.42 0.00	58.21 8.60 0.00	79.87 11.69 0.00	56.27 7.07 0.00	75.92 9.44 0.00	50.78 5.75 0.00	43.53 5.04 -1.24	37.68 4.63 0.00	31.99 3.71 -0.48
EAST RIVER___6 23660	21.25 1.40 0.00	19.97 1.35 0.00	19.00 1.27 0.00	17.88 1.18 0.00	19.57 1.19 0.00	21.20 1.28 0.00	23.55 1.53 0.00	25.03 1.51 -1.67	37.38 1.72 -10.83	32.78 2.34 0.00	35.34 2.77 0.00	37.90 2.47 -9.08	39.49 3.16 -2.99	60.95 2.12 -37.75	41.41 3.40 -2.85	45.97 4.07 0.00	54.90 5.29 0.00	75.20 7.02 0.00	53.40 4.20 0.00	71.48 5.00 0.00	48.12 3.09 0.00	39.86 2.61 0.00	35.59 2.54 0.00	30.35 2.06 -0.48

EAST RIVER___7 23524	21.25 1.40 0.00	19.97 1.35 0.00	19.00 1.27 0.00	17.88 1.18 0.00	19.57 1.19 0.00	21.20 1.28 0.00	23.55 1.53 0.00	25.03 1.51 -1.67	37.38 1.72 -10.83	32.78 2.34 0.00	35.34 2.77 0.00	37.90 2.47 -9.08	39.49 3.16 -2.99	60.95 2.12 -37.75	41.41 3.40 -2.85	45.97 4.07 0.00	54.90 5.29 0.00	75.20 7.02 0.00	53.40 4.20 0.00	71.48 5.00 0.00	48.12 3.09 0.00	39.86 2.61 0.00	35.59 2.54 0.00	30.35 2.06 -0.48
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.12 1.27 0.00	19.84 1.21 0.00	18.86 1.14 0.00	17.75 1.05 0.00	19.42 1.04 0.00	21.09 1.17 0.00	23.41 1.38 0.00	24.98 1.35 -1.78	37.85 1.51 -11.51	32.48 2.04 0.00	34.99 2.43 0.00	38.17 2.17 -9.65	39.31 2.79 -3.17	63.03 1.84 -40.11	41.16 2.96 -3.03	45.43 3.52 0.00	54.23 4.62 0.00	74.34 6.16 0.00	52.91 3.71 0.00	70.94 4.47 0.00	47.86 2.82 0.00	39.64 2.39 0.00	35.29 2.24 0.00	30.12 1.80 -0.51
EAST_HAMPTON___DIESEL 23722	22.15 2.29 0.00	20.95 2.32 0.00	20.05 2.33 0.00	18.99 2.29 0.00	20.76 2.38 0.00	22.55 2.64 0.00	25.30 3.28 0.00	26.80 3.29 -1.66	39.48 3.76 -10.88	35.52 4.89 -0.19	40.32 5.28 -2.47	42.98 4.64 -11.99	44.57 6.09 -5.14	98.15 4.01 -73.07	81.15 6.50 -39.49	48.37 6.47 0.00	58.25 8.64 0.00	79.91 11.73 0.00	56.30 7.10 0.00	75.94 9.46 0.00	50.79 5.75 0.00	43.53 5.04 -1.24	37.68 4.63 0.00	32.00 3.71 -0.48
EAST_PULASKI___ESR 323781	19.44 -0.42 0.00	18.13 -0.50 0.00	17.25 -0.47 0.00	16.26 -0.44 0.00	17.93 -0.46 0.00	19.45 -0.47 0.00	21.51 -0.52 0.00	21.37 -0.49 0.00	24.40 -0.49 -0.05	30.31 -0.56 -0.43	32.47 -0.76 -0.67	25.66 -0.69 0.00	32.62 -1.00 -0.27	20.61 -0.63 -0.17	36.23 -0.92 -1.99	45.45 -1.20 -4.75	56.37 -0.98 -7.75	78.49 -0.60 -10.91	57.54 -0.27 -8.62	78.22 -0.29 -12.02	52.23 -0.11 -7.30	42.15 -0.05 -4.95	36.56 -0.15 -3.66	29.62 -0.21 -2.01
EAST_RIVER___1 323558	21.26 1.40 0.00	19.96 1.34 0.00	18.98 1.25 0.00	17.86 1.16 0.00	19.54 1.15 0.00	21.21 1.29 0.00	23.57 1.54 0.00	25.04 1.52 -1.67	37.38 1.72 -10.83	32.76 2.33 0.00	35.32 2.75 0.00	37.88 2.45 -9.08	39.46 3.13 -2.99	60.92 2.10 -37.75	41.37 3.36 -2.85	45.91 4.00 0.00	54.83 5.22 0.00	75.11 6.93 0.00	53.36 4.16 0.00	71.45 4.97 0.00	48.13 3.09 0.00	39.87 2.62 0.00	35.58 2.53 0.00	30.35 2.06 -0.48
EAST_RIVER___2 323559	21.25 1.40 0.00	19.97 1.35 0.00	19.00 1.27 0.00	17.88 1.18 0.00	19.57 1.19 0.00	21.20 1.28 0.00	23.55 1.53 0.00	25.03 1.51 -1.67	37.38 1.72 -10.83	32.78 2.34 0.00	35.34 2.77 0.00	37.90 2.47 -9.08	39.49 3.16 -2.99	60.95 2.12 -37.75	41.41 3.40 -2.85	45.97 4.07 0.00	54.90 5.29 0.00	75.20 7.02 0.00	53.40 4.20 0.00	71.48 5.00 0.00	48.12 3.09 0.00	39.86 2.61 0.00	35.59 2.54 0.00	30.35 2.06 -0.48
EAST___DELAWARE_HYD 23607	21.14 1.29 0.00	19.72 1.09 0.00	18.72 1.00 0.00	17.61 0.90 0.00	19.29 0.91 0.00	21.04 1.12 0.00	23.32 1.30 0.00	22.90 1.29 0.24	24.78 1.47 1.52	32.44 2.00 0.00	34.91 2.35 0.00	27.21 2.13 1.28	35.74 2.81 0.42	17.37 1.60 5.31	36.14 1.38 0.40	43.58 1.67 0.00	52.12 2.51 0.00	71.61 3.43 0.00	51.15 1.95 0.00	68.71 2.23 0.00	46.31 1.28 0.00	38.42 1.16 0.00	34.86 1.81 0.00	29.06 1.31 0.07
EIGHT_POINT___WT_PWR 323820	19.34 -0.52 0.00	18.16 -0.47 0.00	17.24 -0.49 0.00	16.42 -0.29 0.00	18.27 -0.11 0.00	20.00 0.08 0.00	22.30 0.28 0.00	22.18 0.32 0.00	25.67 0.83 -0.01	31.57 1.08 -0.05	33.55 0.90 -0.09	27.26 0.91 0.00	34.06 0.68 -0.03	21.20 0.10 -0.02	35.61 0.20 -0.25	42.78 0.28 -0.59	52.12 1.55 -0.96	71.99 2.42 -1.39	51.93 1.63 -1.10	70.15 2.14 -1.53	46.86 0.90 -0.92	38.44 0.57 -0.63	34.16 0.65 -0.46	28.47 0.41 -0.25
ELBRIDGE_115KV_TB2 80188	19.76 -0.10 0.00	18.50 -0.13 0.00	17.61 -0.11 0.00	16.59 -0.12 0.00	18.25 -0.13 0.00	19.87 -0.05 0.00	21.97 -0.05 0.00	21.81 -0.05 0.00	24.89 0.02 -0.03	30.74 0.02 -0.28	33.01 0.01 -0.44	26.42 0.07 0.00	33.56 0.04 -0.17	21.19 0.00 -0.11	36.45 -0.01 -1.30	45.08 0.08 -3.10	55.20 0.53 -5.05	76.22 0.73 -7.32	55.42 0.45 -5.78	75.05 0.50 -8.07	50.07 0.14 -4.90	40.67 0.10 -3.32	35.58 0.07 -2.46	29.12 -0.04 -1.35
ELEC_TRO_TEK 24086	21.21 1.35 0.00	20.01 1.38 0.00	19.07 1.35 0.00	18.01 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.80 1.77 0.00	25.22 1.71 -1.66	37.59 1.88 -10.88	33.09 2.46 -0.19	37.95 2.91 -2.47	40.87 2.53 -11.99	41.39 3.29 -4.75	67.51 2.19 -44.25	43.74 3.47 -5.11	45.84 3.93 0.00	54.69 5.08 0.00	75.06 6.88 0.00	53.24 4.04 0.00	71.36 4.88 0.00	48.06 3.03 0.00	53.60 2.74 -13.61	35.61 2.56 0.00	30.38 2.10 -0.48
ELLENBURG_WT_PWR 323604	19.98 0.13 0.00	18.67 0.04 0.00	17.58 -0.14 0.00	16.60 -0.11 0.00	18.23 -0.15 0.00	19.76 -0.15 0.00	21.89 -0.14 0.00	21.97 0.12 0.00	24.96 0.12 0.00	30.43 -0.01 0.00	31.92 -0.64 0.00	25.37 -0.98 0.00	32.57 -0.77 0.00	20.93 -0.15 0.00	35.00 -0.16 0.00	41.85 -0.06 0.00	49.37 -0.24 0.00	67.81 -0.38 0.00	49.64 0.44 0.00	67.85 1.37 0.00	45.73 0.69 0.00	37.71 0.46 0.00	33.25 0.20 0.00	28.34 0.53 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.53 -0.33 0.00	18.33 -0.29 0.00	17.55 -0.18 0.00	16.57 -0.13 0.00	18.26 -0.12 0.00	20.08 0.16 0.00	22.25 0.23 0.00	22.01 0.16 0.00	25.17 0.34 0.00	30.84 0.40 0.00	32.84 0.28 0.00	26.73 0.38 0.00	33.21 -0.13 0.00	20.69 -0.39 0.00	34.61 -0.55 0.00	41.40 -0.50 0.00	50.22 0.61 0.00	68.93 0.75 0.00	49.58 0.38 0.00	66.71 0.23 0.00	44.63 -0.40 0.00	36.90 -0.36 0.00	33.11 0.07 0.00	27.73 -0.08 0.00
EMPIRE_CC_1 323656	20.39 0.54 0.00	19.29 0.66 0.00	18.35 0.63 0.00	17.27 0.57 0.00	18.94 0.56 0.00	20.53 0.61 0.00	22.63 0.60 0.00	22.80 0.49 -0.47	28.35 0.50 -3.02	31.04 0.61 0.00	33.27 0.71 0.00	29.58 0.70 -2.53	35.11 0.93 -0.83	32.18 0.58 -10.52	36.73 0.77 -0.79	42.84 0.93 0.00	50.76 1.15 0.00	69.66 1.48 0.00	50.24 1.04 0.00	67.79 1.31 0.00	46.04 1.01 0.00	38.10 0.84 0.00	33.76 0.72 0.00	28.55 0.60 -0.13
EMPIRE_CC_2 323658	20.39 0.54 0.00	19.29 0.66 0.00	18.35 0.63 0.00	17.27 0.57 0.00	18.94 0.56 0.00	20.53 0.61 0.00	22.63 0.60 0.00	22.80 0.49 -0.47	28.35 0.50 -3.02	31.04 0.61 0.00	33.27 0.71 0.00	29.58 0.70 -2.53	35.11 0.93 -0.83	32.18 0.58 -10.52	36.73 0.77 -0.79	42.84 0.93 0.00	50.76 1.15 0.00	69.66 1.48 0.00	50.24 1.04 0.00	67.79 1.31 0.00	46.04 1.01 0.00	38.10 0.84 0.00	33.76 0.72 0.00	28.55 0.60 -0.13
ENORWICH_115KV_TB1 80156	21.37 1.51 0.00	19.78 1.15 0.00	18.79 1.07 0.00	17.69 0.98 0.00	19.41 1.03 0.00	21.28 1.36 0.00	23.69 1.66 0.00	23.61 1.75 0.00	26.93 2.08 -0.01	33.23 2.69 -0.11	35.53 2.80 -0.17	28.56 2.21 0.00	36.13 2.72 -0.07	22.82 1.70 -0.04	38.58 2.93 -0.50	46.68 3.59 -1.19	56.65 5.10 -1.94	78.21 7.21 -2.82	56.72 5.30 -2.22	76.98 7.40 -3.10	51.76 4.86 -1.86	42.31 3.80 -1.26	37.04 3.06 -0.93	30.48 2.16 -0.51

ERIE_ST__34_KV_TB1-2 80199	19.78 -0.07 0.00	18.53 -0.10 0.00	17.71 -0.02 0.00	16.72 0.02 0.00	18.41 0.03 0.00	20.25 0.33 0.00	22.46 0.44 0.00	22.26 0.40 0.00	25.48 0.65 0.00	31.28 0.84 0.00	33.33 0.77 0.00	27.15 0.80 0.00	33.81 0.46 0.00	21.08 0.00 0.00	35.34 0.17 0.00	42.24 0.34 0.00	51.23 1.62 0.00	70.19 2.01 0.00	50.39 1.19 0.00	67.83 1.35 0.00	45.33 0.30 0.00	37.48 0.23 0.00	33.59 0.54 0.00	28.10 0.29 0.00
ERIE_WT_PWR 323693	19.61 -0.25 0.00	18.40 -0.23 0.00	17.59 -0.13 0.00	16.63 -0.07 0.00	18.33 -0.05 0.00	20.17 0.25 0.00	22.37 0.35 0.00	22.13 0.28 0.00	25.35 0.51 0.00	31.07 0.63 0.00	33.09 0.53 0.00	26.95 0.60 0.00	33.50 0.15 0.00	20.87 -0.20 0.00	34.94 -0.22 0.00	41.78 -0.13 0.00	50.70 1.09 0.00	69.57 1.39 0.00	50.00 0.80 0.00	67.33 0.86 0.00	45.04 0.00 0.00	37.26 0.00 0.00	33.42 0.37 0.00	27.95 0.14 0.00
ESPRGFLD_115KV_TB1 80157	20.83 0.97 0.00	19.49 0.87 0.00	18.56 0.83 0.00	17.45 0.75 0.00	19.16 0.78 0.00	20.86 0.94 0.00	23.10 1.08 0.00	22.97 1.11 0.00	26.17 1.32 -0.01	32.22 1.73 -0.05	34.61 1.96 -0.08	28.02 1.67 0.00	35.52 2.14 -0.03	22.45 1.35 -0.02	37.58 2.18 -0.24	45.06 2.59 -0.56	53.94 3.41 -0.91	74.20 4.69 -1.33	53.41 3.16 -1.05	72.09 4.31 -1.30	48.46 3.43 0.00	40.11 2.85 0.00	35.54 2.49 0.00	29.70 1.89 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.28 0.43 0.00	18.92 0.29 0.00	18.01 0.28 0.00	16.97 0.26 0.00	18.67 0.28 0.00	20.36 0.44 0.00	22.57 0.54 0.00	22.42 0.57 0.00	25.59 0.74 -0.02	31.53 0.94 -0.15	33.71 0.92 -0.23	27.13 0.79 0.00	34.35 0.91 -0.09	21.68 0.55 -0.06	36.79 0.94 -0.68	44.73 1.20 -1.63	54.25 1.98 -2.66	74.85 2.81 -3.86	54.22 1.97 -3.05	73.42 2.68 -4.26	49.26 1.65 -2.58	40.32 1.32 -1.75	35.45 1.11 -1.30	29.28 0.76 -0.71
ETNA____115KV_TB2 80207	20.28 0.43 0.00	18.92 0.29 0.00	18.01 0.28 0.00	16.97 0.26 0.00	18.67 0.28 0.00	20.36 0.44 0.00	22.57 0.54 0.00	22.42 0.57 0.00	25.59 0.74 -0.02	31.53 0.94 -0.15	33.71 0.92 -0.23	27.13 0.79 0.00	34.35 0.91 -0.09	21.68 0.55 -0.06	36.79 0.94 -0.68	44.73 1.20 -1.63	54.25 1.98 -2.66	74.85 2.81 -3.86	54.22 1.97 -3.05	73.42 2.68 -4.26	49.26 1.65 -2.58	40.32 1.32 -1.75	35.45 1.11 -1.30	29.28 0.76 -0.71
EUCLID__115KV_TB2 356179	19.58 -0.27 0.00	18.34 -0.28 0.00	17.46 -0.26 0.00	16.45 -0.25 0.00	18.10 -0.28 0.00	19.69 -0.23 0.00	21.77 -0.26 0.00	21.60 -0.26 0.00	24.58 -0.27 -0.01	30.26 -0.29 -0.12	32.44 -0.31 -0.19	26.18 -0.17 0.00	33.13 -0.30 -0.08	20.90 -0.22 -0.05	35.40 -0.33 -0.56	42.90 -0.35 -1.35	51.76 -0.06 -2.20	71.34 -0.01 -3.17	51.61 -0.09 -2.50	69.73 -0.25 -3.49	46.88 -0.27 -2.12	38.42 -0.27 -1.44	33.85 -0.26 -1.06	28.08 -0.31 -0.58
E_CANADA_CAP_HY 24051	21.53 1.68 0.00	20.25 1.62 0.00	19.21 1.48 0.00	18.09 1.39 0.00	19.99 1.61 0.00	21.62 1.71 0.00	23.85 1.83 0.00	24.15 1.92 -0.37	29.58 2.32 -2.41	33.19 2.75 0.00	35.47 2.91 0.00	30.57 2.20 -2.02	36.66 2.64 -0.67	31.23 1.73 -8.41	38.66 2.86 -0.64	45.51 3.60 0.00	54.26 4.65 0.00	74.75 6.57 0.00	54.11 4.92 0.00	73.04 6.56 0.00	49.14 4.11 0.00	40.74 3.49 0.00	36.07 3.02 0.00	30.23 2.34 -0.07
E_CANADA_MHWK_HY 24050	20.04 0.18 0.00	18.69 0.06 0.00	17.75 0.03 0.00	16.69 -0.01 0.00	18.29 -0.09 0.00	19.94 0.02 0.00	22.07 0.05 0.00	21.85 0.00 0.00	24.73 -0.10 0.00	30.35 -0.09 0.00	32.54 -0.02 0.00	26.51 0.16 0.00	33.74 0.40 0.00	21.35 0.28 0.00	35.50 0.34 0.00	42.32 0.41 0.00	50.29 0.68 0.00	69.42 1.24 0.00	50.27 1.07 0.00	68.01 1.53 0.00	45.94 0.90 0.00	38.00 0.75 0.00	33.52 0.47 0.00	28.00 0.19 0.00
E_FISHKILL__LBMP 23776	20.94 1.09 0.00	19.68 1.05 0.00	18.71 0.99 0.00	17.62 0.92 0.00	19.28 0.90 0.00	20.93 1.01 0.00	23.20 1.17 0.00	23.64 1.13 -0.65	30.31 1.26 -4.22	32.13 1.69 0.00	34.58 2.02 0.00	31.71 1.83 -3.53	36.87 2.36 -1.16	37.32 1.54 -14.70	38.73 2.46 -1.11	44.82 2.91 0.00	53.43 3.82 0.00	73.24 5.06 0.00	52.26 3.06 0.00	70.18 3.71 0.00	47.40 2.36 0.00	39.25 2.00 0.00	34.91 1.86 0.00	29.49 1.49 -0.19
FALCON__SEABRD_CC1 323796	20.24 0.38 0.00	18.90 0.27 0.00	17.81 0.08 0.00	16.78 0.08 0.00	18.42 0.04 0.00	19.99 0.07 0.00	22.19 0.17 0.00	22.47 0.62 0.00	25.55 0.72 0.00	31.18 0.74 0.00	32.76 0.19 0.00	25.97 -0.38 0.00	33.37 0.02 0.00	21.44 0.36 0.00	35.84 0.68 0.00	42.95 1.04 0.00	50.83 1.22 0.00	69.80 1.62 0.00	51.10 1.91 0.00	69.89 3.41 0.00	47.14 2.10 0.00	38.81 1.56 0.00	34.07 1.02 0.00	29.06 1.25 0.00
FALCON__SEABRD_CC2 323797	20.24 0.38 0.00	18.90 0.27 0.00	17.81 0.08 0.00	16.78 0.08 0.00	18.42 0.04 0.00	19.99 0.07 0.00	22.19 0.17 0.00	22.47 0.62 0.00	25.55 0.72 0.00	31.18 0.74 0.00	32.76 0.19 0.00	25.97 -0.38 0.00	33.37 0.02 0.00	21.44 0.36 0.00	35.84 0.68 0.00	42.95 1.04 0.00	50.83 1.22 0.00	69.80 1.62 0.00	51.10 1.91 0.00	69.89 3.41 0.00	47.14 2.10 0.00	38.81 1.56 0.00	34.07 1.02 0.00	29.06 1.25 0.00
FAR ROCKAWAY__4 23548	21.59 1.74 0.00	20.32 1.70 0.00	19.36 1.64 0.00	18.27 1.56 0.00	19.97 1.59 0.00	21.74 1.81 0.00	24.19 2.17 0.00	25.62 2.11 -1.66	38.03 2.32 -10.88	33.56 2.93 -0.19	38.51 3.48 -2.47	41.37 3.03 -11.99	42.05 3.95 -4.75	67.96 2.64 -44.25	44.52 4.25 -5.11	46.76 4.86 0.00	55.83 6.22 0.00	76.63 8.45 0.00	54.34 5.14 0.00	72.86 6.38 0.00	49.06 4.02 0.00	72.47 3.53 -31.69	36.28 3.24 0.00	30.90 2.62 -0.48
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.28 1.42 0.00	19.98 1.36 0.00	18.99 1.27 0.00	17.88 1.18 0.00	19.55 1.17 0.00	21.23 1.31 0.00	23.59 1.57 0.00	25.07 1.54 -1.67	37.41 1.74 -10.83	32.79 2.35 0.00	35.34 2.77 0.00	37.90 2.47 -9.08	39.48 3.15 -2.99	60.93 2.11 -37.75	41.40 3.38 -2.85	45.93 4.03 0.00	54.86 5.25 0.00	75.16 6.97 0.00	53.40 4.20 0.00	71.52 5.04 0.00	48.17 3.14 0.00	39.91 2.66 0.00	35.62 2.57 0.00	30.38 2.08 -0.48
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.30 1.44 0.00	20.00 1.37 0.00	19.01 1.29 0.00	17.89 1.19 0.00	19.57 1.19 0.00	21.25 1.33 0.00	23.61 1.58 0.00	25.09 1.56 -1.67	37.43 1.77 -10.83	32.81 2.37 0.00	35.37 2.80 0.00	37.92 2.49 -9.08	39.51 3.18 -2.99	60.95 2.13 -37.75	41.43 3.42 -2.85	45.98 4.07 0.00	54.91 5.30 0.00	75.24 7.06 0.00	53.46 4.27 0.00	71.59 5.11 0.00	48.22 3.18 0.00	39.97 2.72 0.00	35.65 2.60 0.00	30.41 2.12 -0.48
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.26 1.41 0.00	19.97 1.34 0.00	18.99 1.26 0.00	17.87 1.17 0.00	19.54 1.16 0.00	21.22 1.30 0.00	23.58 1.56 0.00	25.05 1.53 -1.67	37.40 1.73 -10.83	32.76 2.33 0.00	35.32 2.76 0.00	37.88 2.46 -9.08	39.47 3.14 -2.99	60.92 2.09 -37.75	41.38 3.36 -2.85	45.91 4.00 0.00	54.83 5.22 0.00	75.11 6.93 0.00	53.36 4.17 0.00	71.46 4.98 0.00	48.13 3.09 0.00	39.89 2.64 0.00	35.59 2.54 0.00	30.36 2.07 -0.48

FARRAGUT___LBMP 323566	21.25 1.39 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.85 1.15 0.00	19.53 1.14 0.00	21.20 1.28 0.00	23.55 1.53 0.00	25.03 1.50 -1.67	37.36 1.70 -10.83	32.72 2.29 0.00	35.27 2.71 0.00	37.84 2.41 -9.08	39.41 3.08 -2.99	60.88 2.06 -37.75	41.32 3.31 -2.85	45.84 3.94 0.00	54.75 5.14 0.00	75.01 6.83 0.00	53.28 4.08 0.00	71.38 4.90 0.00	48.08 3.05 0.00	39.84 2.59 0.00	35.55 2.50 0.00	30.33 2.04 -0.48
FENNER___WINDPWR 24204	20.22 0.37 0.00	18.84 0.21 0.00	17.91 0.19 0.00	16.86 0.15 0.00	18.54 0.15 0.00	20.22 0.30 0.00	22.42 0.40 0.00	22.33 0.48 0.00	25.45 0.60 -0.01	31.37 0.82 -0.11	33.61 0.88 -0.16	27.12 0.78 0.00	34.37 0.95 -0.07	21.70 0.58 -0.04	36.71 1.06 -0.49	44.32 1.25 -1.17	53.34 1.82 -1.91	73.63 2.53 -2.92	53.33 1.83 -2.31	72.19 2.49 -3.22	48.61 1.62 -1.95	39.84 1.26 -1.33	34.98 0.95 -0.98	28.97 0.62 -0.54
FIBERTEK___ENERGY 23856	19.83 -0.03 0.00	18.54 -0.09 0.00	17.64 -0.09 0.00	16.62 -0.08 0.00	18.29 -0.09 0.00	19.92 0.01 0.00	22.04 0.02 0.00	21.88 0.03 0.00	24.95 0.08 -0.03	30.82 0.12 -0.26	33.11 0.14 -0.41	26.53 0.18 0.00	33.69 0.18 -0.16	21.27 0.10 -0.10	36.56 0.18 -1.22	45.10 0.29 -2.91	55.11 0.75 -4.74	76.12 1.07 -6.86	55.32 0.70 -5.42	74.88 0.83 -7.57	50.02 0.39 -4.60	40.65 0.29 -3.11	35.57 0.22 -2.30	29.15 0.07 -1.26
FITZPATRICK____ 23598	19.27 -0.58 0.00	18.08 -0.55 0.00	17.20 -0.52 0.00	16.21 -0.49 0.00	17.83 -0.55 0.00	19.37 -0.55 0.00	21.40 -0.62 0.00	21.23 -0.63 0.00	23.99 -0.68 0.16	28.17 -0.84 1.44	29.43 -0.90 2.23	25.67 -0.68 0.00	31.53 -0.93 0.89	19.92 -0.60 0.56	27.54 -0.99 6.62	24.95 -1.15 15.81	22.73 -1.07 25.81	29.23 -1.42 37.53	18.46 -1.09 29.65	23.56 -1.55 41.37	18.76 -1.13 25.14	19.27 -0.96 17.03	19.58 -0.86 12.61	20.10 -0.79 6.92
FLOWRFLD_69_KV_BK1 356044	21.29 1.43 0.00	20.18 1.55 0.00	19.31 1.59 0.00	18.30 1.59 0.00	19.99 1.61 0.00	21.69 1.77 0.00	24.24 2.21 0.00	25.69 2.18 -1.66	38.11 2.40 -10.88	33.75 3.12 -0.19	38.52 3.49 -2.47	41.36 3.02 -11.99	42.62 4.01 -5.26	106.26 2.63 -82.56	90.12 4.13 -50.82	46.35 4.45 0.00	55.35 5.73 -0.01	75.93 7.75 0.00	53.63 4.43 0.00	71.64 5.16 0.00	48.10 3.06 0.00	41.41 2.84 -1.32	35.88 2.83 0.00	30.63 2.34 -0.48
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.25 1.40 0.00	19.94 1.31 0.00	18.95 1.22 0.00	17.83 1.13 0.00	19.53 1.15 0.00	21.21 1.30 0.00	23.52 1.50 0.00	23.32 1.47 0.00	26.52 1.68 0.00	32.67 2.23 0.00	35.19 2.62 0.00	28.71 2.36 0.00	36.39 3.04 0.00	23.07 2.00 0.00	38.39 3.23 0.00	45.78 3.87 0.00	54.64 5.03 0.00	74.93 6.75 0.00	53.45 4.25 0.00	71.74 5.26 0.00	48.39 3.36 0.00	40.04 2.79 0.00	35.55 2.50 0.00	29.77 1.95 0.00
FORT ORANGE____ 23900	20.41 0.55 0.00	19.22 0.59 0.00	18.28 0.56 0.00	17.21 0.51 0.00	18.89 0.51 0.00	20.49 0.57 0.00	22.66 0.64 0.00	22.81 0.58 -0.38	27.88 0.56 -2.49	30.99 0.56 0.00	33.08 0.52 0.00	28.91 0.48 -2.08	34.66 0.63 -0.69	30.15 0.40 -8.66	36.36 0.55 -0.65	42.54 0.64 0.00	50.45 0.84 0.00	69.48 1.30 0.00	50.22 1.02 0.00	67.83 1.35 0.00	46.03 0.99 0.00	38.10 0.85 0.00	33.79 0.74 0.00	28.55 0.63 -0.11
FORT_DRUM_COGEN 23780	19.30 -0.55 0.00	17.75 -0.88 0.00	16.86 -0.86 0.00	15.91 -0.80 0.00	17.65 -0.73 0.00	19.03 -0.89 0.00	21.06 -0.96 0.00	20.94 -0.91 0.00	24.04 -0.83 -0.03	29.83 -0.88 -0.27	31.48 -1.49 -0.41	24.74 -1.61 0.00	31.31 -2.21 -0.17	19.86 -1.32 -0.10	34.71 -1.69 -1.23	42.37 -2.46 -2.93	52.25 -2.15 -4.79	74.03 0.09 -5.75	54.58 0.84 -4.54	74.55 1.74 -6.33	50.60 1.73 -3.84	41.28 1.42 -2.60	35.94 0.97 -1.93	29.40 0.53 -1.06
FPL_FAR_ROCK_GT1 24212	21.59 1.74 0.00	20.32 1.70 0.00	19.36 1.64 0.00	18.27 1.56 0.00	19.97 1.59 0.00	21.74 1.81 0.00	24.19 2.17 0.00	25.62 2.11 -1.66	38.03 2.32 -10.88	33.56 2.93 -0.19	38.51 3.47 -2.47	41.37 3.03 -11.99	42.05 3.95 -4.75	67.96 2.64 -44.25	44.52 4.24 -5.11	46.75 4.85 0.00	55.83 6.22 0.00	76.62 8.44 0.00	54.34 5.14 0.00	72.86 6.38 0.00	49.06 4.02 0.00	72.47 3.53 -31.69	36.29 3.24 0.00	30.91 2.62 -0.48
FPL_FAR_ROCK_GT2 23815	21.59 1.74 0.00	20.32 1.70 0.00	19.36 1.64 0.00	18.27 1.56 0.00	19.97 1.59 0.00	21.74 1.81 0.00	24.19 2.17 0.00	25.62 2.11 -1.66	38.03 2.32 -10.88	33.56 2.93 -0.19	38.51 3.47 -2.47	41.37 3.03 -11.99	42.05 3.95 -4.75	67.96 2.64 -44.25	44.52 4.24 -5.11	46.75 4.85 0.00	55.83 6.22 0.00	76.62 8.44 0.00	54.34 5.14 0.00	72.86 6.38 0.00	49.06 4.02 0.00	72.47 3.53 -31.69	36.29 3.24 0.00	30.91 2.62 -0.48
FRANKLIN_FALL_HYD 24054	19.99 0.14 0.00	18.62 -0.01 0.00	17.57 -0.15 0.00	16.56 -0.14 0.00	18.23 -0.15 0.00	19.76 -0.16 0.00	21.88 -0.14 0.00	21.92 0.07 0.00	24.89 0.05 0.00	30.39 -0.09 -0.04	32.02 -0.61 -0.07	25.49 -0.85 0.00	32.68 -0.69 -0.03	20.89 -0.20 -0.02	35.14 -0.21 -0.19	42.19 -0.17 -0.46	49.94 -0.42 -0.75	67.65 -0.53 0.00	49.49 0.29 0.00	67.53 1.05 0.00	45.63 0.60 0.00	37.62 0.38 0.00	33.18 0.13 0.00	28.18 0.37 0.00
FREEPORT_EQUS_GT1 23764	21.39 1.53 0.00	20.17 1.54 0.00	19.22 1.50 0.00	18.16 1.45 0.00	19.85 1.47 0.00	21.59 1.67 0.00	24.03 2.01 0.00	25.47 1.97 -1.66	37.88 2.17 -10.88	33.43 2.81 -0.19	38.34 3.30 -2.47	41.22 2.88 -11.99	41.85 3.75 -4.75	67.78 2.45 -44.25	44.11 3.84 -5.11	46.16 4.26 0.00	55.05 5.44 0.00	75.60 7.42 0.00	53.59 4.39 0.00	71.83 5.36 0.00	48.48 3.44 0.00	51.86 3.11 -11.50	36.03 2.98 0.00	30.70 2.41 -0.48
FREEPORT___CT2 23818	21.39 1.53 0.00	20.17 1.54 0.00	19.22 1.50 0.00	18.16 1.45 0.00	19.85 1.47 0.00	21.59 1.67 0.00	24.03 2.01 0.00	25.47 1.97 -1.66	37.88 2.17 -10.88	33.43 2.81 -0.19	38.34 3.30 -2.47	41.22 2.88 -11.99	41.85 3.75 -4.75	67.78 2.45 -44.25	44.11 3.84 -5.11	46.16 4.26 0.00	55.05 5.44 0.00	75.60 7.42 0.00	53.59 4.39 0.00	71.83 5.36 0.00	48.48 3.44 0.00	51.86 3.11 -11.50	36.03 2.98 0.00	30.70 2.41 -0.48
FRESHKLS_33_KV_LOAD 356253	21.21 1.36 0.00	19.92 1.30 0.00	18.12 1.20 0.80	17.83 1.12 0.00	19.48 1.10 0.00	21.20 1.28 0.00	23.58 1.56 0.00	25.02 1.50 -1.67	30.77 1.66 -4.27	32.34 2.24 0.34	32.89 2.68 2.35	33.98 2.42 -5.21	34.08 3.11 2.38	51.48 2.10 -28.30	41.32 3.31 -2.85	45.83 3.92 0.00	54.76 5.15 0.00	75.02 6.84 0.00	53.32 4.12 0.00	71.47 4.99 0.00	47.98 3.11 0.17	39.86 2.64 0.03	34.35 2.58 1.28	30.76 2.13 -0.82
FULTON COGEN____ 23766	19.47 -0.39 0.00	18.25 -0.38 0.00	17.38 -0.34 0.00	16.37 -0.34 0.00	18.01 -0.37 0.00	19.60 -0.32 0.00	21.63 -0.39 0.00	21.47 -0.38 0.00	24.53 -0.36 -0.06	30.44 -0.47 -0.47	32.79 -0.51 -0.74	26.03 -0.31 0.00	33.15 -0.49 -0.30	20.93 -0.33 -0.18	36.82 -0.53 -2.19	46.57 -0.56 -5.23	57.86 -0.29 -8.54	80.21 -0.29 -12.32	58.66 -0.27 -9.73	79.63 -0.43 -13.58	52.92 -0.37 -8.25	42.49 -0.35 -5.59	36.82 -0.37 -4.14	29.71 -0.37 -2.27

FULTON___LFGE 323630	22.28 2.42 0.00	20.62 1.99 0.00	19.51 1.79 0.00	18.37 1.67 0.00	20.26 1.88 0.00	22.28 2.37 0.00	24.64 2.61 0.00	24.78 2.55 -0.37	30.29 3.04 -2.41	34.00 3.56 0.00	36.21 3.65 0.00	31.18 2.81 -2.02	37.49 3.48 -0.67	31.85 2.36 -8.41	39.48 3.68 -0.64	46.74 4.84 0.00	55.94 6.33 0.00	77.59 9.41 0.00	57.00 7.80 0.00	77.06 10.58 0.00	51.88 6.84 0.00	42.82 5.57 0.00	37.75 4.71 0.00	31.54 3.65 -0.08
G.F.CEMENT___DRP 24184	21.03 1.18 0.00	19.78 1.14 0.00	18.79 1.06 0.00	17.58 0.88 0.00	19.30 0.92 0.00	20.92 1.00 0.00	23.18 1.15 0.00	23.28 1.05 -0.39	28.53 1.21 -2.49	32.08 1.65 0.00	34.50 1.94 0.00	30.21 1.77 -2.09	36.45 2.42 -0.69	31.20 1.46 -8.67	38.19 2.37 -0.65	45.07 3.17 0.00	53.45 3.84 0.00	73.54 5.36 0.00	53.25 4.05 0.00	72.22 5.75 0.00	48.86 3.83 0.00	40.20 2.95 0.00	35.36 2.31 0.00	29.74 1.82 -0.11
GARDENVILLE___LBMP 24039	19.56 -0.29 0.00	18.35 -0.28 0.00	17.56 -0.17 0.00	16.59 -0.11 0.00	18.29 -0.09 0.00	20.11 0.19 0.00	22.29 0.27 0.00	22.06 0.21 0.00	25.26 0.42 0.00	30.96 0.53 0.00	32.97 0.41 0.00	26.84 0.50 0.00	33.36 0.01 0.00	20.79 -0.29 0.00	34.80 -0.37 0.00	41.60 -0.31 0.00	50.45 0.84 0.00	69.23 1.05 0.00	49.78 0.58 0.00	66.99 0.51 0.00	44.83 -0.21 0.00	37.07 -0.19 0.00	33.26 0.21 0.00	27.84 0.03 0.00
GARDNVLA_35_KV_LD 355827	19.65 -0.21 0.00	18.43 -0.19 0.00	17.63 -0.09 0.00	16.67 -0.04 0.00	18.36 -0.02 0.00	20.19 0.27 0.00	22.39 0.36 0.00	22.15 0.30 0.00	25.37 0.53 0.00	31.11 0.67 0.00	33.13 0.56 0.00	26.98 0.63 0.00	33.55 0.20 0.00	20.90 -0.17 0.00	35.01 -0.16 0.00	41.87 -0.03 0.00	50.81 1.20 0.00	69.74 1.56 0.00	50.13 0.94 0.00	67.49 1.01 0.00	45.13 0.10 0.00	37.30 0.05 0.00	33.46 0.41 0.00	27.99 0.18 0.00
GELCKHM___115KV_LOAD 80723	19.66 -0.20 0.00	18.41 -0.21 0.00	17.52 -0.20 0.00	16.52 -0.19 0.00	18.17 -0.21 0.00	19.76 -0.15 0.00	21.86 -0.17 0.00	21.69 -0.16 0.00	24.72 -0.14 -0.02	30.46 -0.15 -0.17	32.69 -0.14 -0.27	26.31 -0.04 0.00	33.33 -0.12 -0.11	21.05 -0.10 -0.07	35.83 -0.14 -0.80	43.72 -0.11 -1.92	52.99 0.25 -3.14	73.09 0.39 -4.52	52.97 0.20 -3.57	71.61 0.15 -4.98	48.02 -0.04 -3.03	39.25 -0.05 -2.05	34.48 -0.09 -1.52	28.47 -0.18 -0.83
GENERAL___MILLS 23808	19.61 -0.24 0.00	18.40 -0.23 0.00	17.60 -0.12 0.00	16.63 -0.07 0.00	18.33 -0.05 0.00	20.16 0.24 0.00	22.34 0.32 0.00	22.11 0.26 0.00	25.32 0.48 0.00	31.04 0.60 0.00	33.05 0.49 0.00	26.92 0.57 0.00	33.46 0.11 0.00	20.85 -0.22 0.00	34.90 -0.26 0.00	41.73 -0.17 0.00	50.63 1.02 0.00	69.49 1.31 0.00	49.95 0.76 0.00	67.25 0.77 0.00	44.97 -0.06 0.00	37.19 -0.06 0.00	33.36 0.31 0.00	27.92 0.11 0.00
GE_PLASTICS___DRP 24183	20.37 0.51 0.00	19.18 0.55 0.00	18.25 0.53 0.00	17.19 0.49 0.00	18.86 0.48 0.00	20.46 0.54 0.00	22.60 0.58 0.00	22.76 0.53 -0.38	27.80 0.50 -2.47	30.95 0.52 0.00	33.10 0.53 0.00	28.87 0.45 -2.07	34.60 0.57 -0.68	30.05 0.37 -8.61	36.30 0.49 -0.65	42.47 0.57 0.00	50.36 0.75 0.00	69.24 1.06 0.00	49.91 0.71 0.00	67.38 0.90 0.00	45.71 0.68 0.00	37.83 0.58 0.00	33.60 0.55 0.00	28.47 0.55 -0.11
GILBOA___1 23756	20.42 0.57 0.00	19.20 0.57 0.00	18.32 0.60 0.00	17.25 0.55 0.00	18.92 0.54 0.00	20.54 0.62 0.00	22.64 0.62 0.00	22.68 0.59 -0.24	27.04 0.66 -1.55	31.29 0.86 0.00	33.58 1.02 0.00	28.59 0.95 -1.30	34.98 1.21 -0.43	27.21 0.75 -5.39	36.69 1.12 -0.41	43.09 1.19 0.00	51.10 1.49 0.00	70.13 1.94 0.00	50.38 1.19 0.00	68.06 1.58 0.00	46.23 1.20 0.00	38.33 1.08 0.00	34.02 0.97 0.00	28.64 0.76 -0.07
GILBOA___2 23757	20.42 0.57 0.00	19.20 0.57 0.00	18.32 0.60 0.00	17.25 0.55 0.00	18.92 0.54 0.00	20.54 0.62 0.00	22.64 0.62 0.00	22.68 0.59 -0.24	27.04 0.66 -1.55	31.29 0.86 0.00	33.58 1.02 0.00	28.59 0.95 -1.30	34.98 1.21 -0.43	27.21 0.75 -5.39	36.69 1.12 -0.41	43.09 1.19 0.00	51.10 1.49 0.00	70.13 1.94 0.00	50.38 1.19 0.00	68.06 1.58 0.00	46.23 1.20 0.00	38.33 1.08 0.00	34.02 0.97 0.00	28.64 0.76 -0.07
GILBOA___3 23758	20.42 0.57 0.00	19.20 0.57 0.00	18.32 0.60 0.00	17.25 0.55 0.00	18.92 0.54 0.00	20.54 0.62 0.00	22.64 0.62 0.00	22.68 0.59 -0.24	27.04 0.66 -1.55	31.29 0.86 0.00	33.58 1.02 0.00	28.59 0.95 -1.30	34.98 1.21 -0.43	27.21 0.75 -5.39	36.69 1.12 -0.41	43.09 1.19 0.00	51.10 1.49 0.00	70.13 1.94 0.00	50.38 1.19 0.00	68.06 1.58 0.00	46.23 1.20 0.00	38.33 1.08 0.00	34.02 0.97 0.00	28.64 0.76 -0.07
GILBOA___4 23759	20.42 0.57 0.00	19.20 0.57 0.00	18.32 0.60 0.00	17.25 0.55 0.00	18.92 0.54 0.00	20.54 0.62 0.00	22.64 0.62 0.00	22.68 0.59 -0.24	27.04 0.66 -1.55	31.29 0.86 0.00	33.58 1.02 0.00	28.59 0.95 -1.30	34.98 1.21 -0.43	27.21 0.75 -5.39	36.69 1.12 -0.41	43.09 1.19 0.00	51.10 1.49 0.00	70.13 1.94 0.00	50.38 1.19 0.00	68.06 1.58 0.00	46.23 1.20 0.00	38.33 1.08 0.00	34.02 0.97 0.00	28.64 0.76 -0.07
GILBOA___ 23599	20.42 0.57 0.00	19.20 0.57 0.00	18.32 0.60 0.00	17.25 0.55 0.00	18.92 0.54 0.00	20.54 0.62 0.00	22.64 0.62 0.00	22.68 0.59 -0.24	27.04 0.66 -1.55	31.29 0.86 0.00	33.58 1.02 0.00	28.59 0.95 -1.30	34.99 1.21 -0.43	27.21 0.75 -5.39	36.69 1.12 -0.41	43.09 1.19 0.00	51.10 1.49 0.00	70.13 1.95 0.00	50.38 1.19 0.00	68.06 1.58 0.00	46.23 1.20 0.00	38.33 1.08 0.00	34.02 0.97 0.00	28.64 0.76 -0.07
GINNA___ 23603	18.91 -0.95 0.00	17.74 -0.89 0.00	16.92 -0.81 0.00	15.93 -0.77 0.00	17.54 -0.84 0.00	19.18 -0.74 0.00	21.24 -0.78 0.00	21.07 -0.78 0.00	24.06 -0.78 0.00	29.50 -0.94 0.00	31.53 -1.03 0.00	25.60 -0.75 0.00	32.15 -1.20 0.00	20.22 -0.86 0.00	33.82 -1.34 0.00	40.49 -1.41 0.00	48.69 -0.92 0.00	67.04 -1.14 0.00	48.27 -0.93 0.00	64.88 -1.60 0.00	43.62 -1.41 0.00	35.99 -1.27 0.00	31.98 -1.07 0.00	26.76 -1.05 0.00
GLEN PARK___ 23778	19.40 -0.45 0.00	17.84 -0.79 0.00	16.94 -0.78 0.00	15.98 -0.72 0.00	17.73 -0.65 0.00	19.15 -0.77 0.00	21.22 -0.80 0.00	21.13 -0.72 0.00	24.22 -0.64 -0.03	30.08 -0.63 -0.27	31.77 -1.22 -0.42	24.96 -1.39 0.00	31.54 -1.98 -0.17	20.01 -1.18 -0.11	34.95 -1.48 -1.26	42.72 -2.21 -3.02	52.61 -1.92 -4.93	74.51 0.31 -6.02	54.99 1.04 -4.75	75.17 2.06 -6.62	51.13 2.08 -4.02	41.68 1.70 -2.72	36.26 1.19 -2.02	29.62 0.70 -1.11
GLENDALE_27_KV_LOAD 356172	21.37 1.51 0.00	20.06 1.43 0.00	19.07 1.34 0.00	17.95 1.25 0.00	19.59 1.21 0.00	21.27 1.35 0.00	23.67 1.64 0.00	25.16 1.63 -1.67	37.51 1.85 -10.82	32.94 2.50 0.00	35.52 2.95 0.00	38.04 2.62 -9.08	39.69 3.36 -2.98	61.06 2.24 -37.74	41.61 3.60 -2.85	46.17 4.27 0.00	55.16 5.55 0.00	75.53 7.35 0.00	53.66 4.46 0.00	71.89 5.41 0.00	48.44 3.40 0.00	40.16 2.91 0.00	35.87 2.83 0.00	30.60 2.30 -0.48

GLENWOOD_IC_1_G5 23712	21.30 1.44 0.00	20.05 1.42 0.00	19.09 1.37 0.00	18.00 1.29 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.77 0.00	25.24 1.73 -1.66	37.66 1.94 -10.88	33.19 2.57 -0.19	38.10 3.07 -2.47	41.03 2.69 -11.99	41.44 3.35 -4.75	67.50 2.18 -44.25	43.75 3.48 -5.11	45.93 4.03 0.00	54.82 5.21 0.00	75.18 7.00 0.00	53.38 4.19 0.00	71.49 5.01 0.00	48.15 3.12 0.00	48.65 2.71 -8.68	35.57 2.52 0.00	30.49 2.20 -0.48
GLENWOOD_IC_2_G1 23688	21.21 1.36 0.00	19.96 1.34 0.00	19.00 1.28 0.00	17.91 1.21 0.00	19.59 1.20 0.00	21.27 1.35 0.00	23.64 1.62 0.00	25.08 1.57 -1.66	37.47 1.76 -10.88	32.95 2.33 -0.19	37.81 2.78 -2.47	40.79 2.45 -11.99	41.25 3.15 -4.75	67.41 2.09 -44.25	43.61 3.34 -5.11	45.78 3.88 0.00	54.64 5.03 0.00	74.94 6.76 0.00	53.25 4.06 0.00	71.39 4.91 0.00	48.10 3.07 0.00	46.23 2.67 -6.31	35.52 2.48 0.00	30.31 2.03 -0.48
GLENWOOD_IC_3_G1 23689	21.21 1.36 0.00	19.96 1.34 0.00	19.00 1.28 0.00	17.91 1.21 0.00	19.59 1.20 0.00	21.27 1.35 0.00	23.64 1.62 0.00	25.08 1.57 -1.66	37.47 1.76 -10.88	32.95 2.33 -0.19	37.81 2.78 -2.47	40.79 2.45 -11.99	41.25 3.15 -4.75	67.41 2.09 -44.25	43.61 3.34 -5.11	45.78 3.88 0.00	54.64 5.03 0.00	74.94 6.76 0.00	53.25 4.06 0.00	71.39 4.91 0.00	48.10 3.07 0.00	46.23 2.67 -6.31	35.52 2.48 0.00	30.31 2.03 -0.48
GLENWOOD___4 23550	21.30 1.44 0.00	20.05 1.42 0.00	19.09 1.37 0.00	18.00 1.29 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.77 0.00	25.24 1.73 -1.66	37.66 1.94 -10.88	33.19 2.57 -0.19	38.10 3.07 -2.47	41.03 2.69 -11.99	41.50 3.40 -4.75	67.54 2.22 -44.25	43.83 3.57 -5.11	46.03 4.13 0.00	54.93 5.32 0.00	75.36 7.18 0.00	53.50 4.30 0.00	71.66 5.18 0.00	48.27 3.24 0.00	48.74 2.81 -8.68	35.64 2.59 0.00	30.49 2.20 -0.48
GLENWOOD___5 23614	21.30 1.44 0.00	20.05 1.42 0.00	19.09 1.37 0.00	18.00 1.29 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.77 0.00	25.24 1.73 -1.66	37.66 1.94 -10.88	33.19 2.57 -0.19	38.10 3.07 -2.47	41.03 2.69 -11.99	41.50 3.40 -4.75	67.54 2.22 -44.25	43.83 3.57 -5.11	46.03 4.13 0.00	54.93 5.32 0.00	75.36 7.18 0.00	53.50 4.30 0.00	71.66 5.18 0.00	48.27 3.24 0.00	48.74 2.81 -8.68	35.64 2.59 0.00	30.49 2.20 -0.48
GLOBAL GREEN_PORT_GT1 23814	22.07 2.22 0.00	20.89 2.26 0.00	20.00 2.27 0.00	18.95 2.24 0.00	20.71 2.32 0.00	22.47 2.55 0.00	25.21 3.19 0.00	26.70 3.19 -1.66	39.35 3.64 -10.88	35.39 4.76 -0.19	40.18 5.14 -2.47	42.85 4.51 -11.99	44.43 5.94 -5.14	98.06 3.91 -73.07	81.01 6.35 -39.50	47.53 5.63 0.00	57.48 7.87 0.00	78.91 10.73 0.00	55.60 6.40 0.00	75.61 9.13 0.00	50.66 5.63 0.00	43.39 4.90 -1.24	37.54 4.49 0.00	31.88 3.59 -0.48
GLOBE___DSASP 323697	19.08 -0.78 0.00	17.97 -0.65 0.00	17.22 -0.50 0.00	16.24 -0.46 0.00	17.88 -0.50 0.00	19.65 -0.27 0.00	21.73 -0.29 0.00	21.41 -0.44 0.00	24.41 -0.43 0.00	29.85 -0.59 0.00	31.76 -0.81 0.00	25.82 -0.53 0.00	31.91 -1.43 0.00	19.80 -1.28 0.00	33.07 -2.09 0.00	39.56 -2.34 0.00	48.02 -1.59 0.00	65.98 -2.20 0.00	47.58 -1.61 0.00	63.96 -2.52 0.00	42.80 -2.24 0.00	35.40 -1.85 0.00	31.91 -1.14 0.00	26.75 -1.06 0.00
GOETHSLN___LBMP 323567	21.14 1.29 0.00	19.83 1.20 0.00	18.05 1.13 0.80	17.76 1.05 0.00	19.41 1.03 0.00	21.10 1.18 0.00	23.44 1.42 0.00	24.89 1.37 -1.67	30.75 1.54 -4.38	32.55 2.11 0.00	35.10 2.53 0.00	35.12 2.27 -6.50	36.40 2.86 -0.20	51.28 1.96 -28.25	41.11 3.10 -2.85	45.60 3.69 0.00	54.49 4.88 0.00	74.63 6.45 0.00	53.03 3.83 0.00	71.00 4.52 0.00	47.65 2.78 0.17	39.59 2.36 0.02	34.39 2.30 0.95	30.13 1.89 -0.44
GOLAH___69_KV_TB 1_2 80279	19.92 0.07 0.00	18.71 0.08 0.00	17.86 0.14 0.00	16.84 0.13 0.00	18.53 0.15 0.00	20.26 0.34 0.00	22.46 0.44 0.00	22.25 0.40 0.00	25.41 0.57 0.00	31.14 0.70 0.00	33.19 0.63 0.00	26.94 0.59 0.00	33.70 0.35 0.00	21.15 0.07 0.00	35.42 0.26 0.00	42.44 0.53 0.00	51.21 1.60 0.00	70.54 2.36 0.00	50.83 1.64 0.00	68.35 1.86 0.00	45.88 0.85 0.00	37.88 0.63 0.00	33.76 0.71 0.00	28.21 0.40 0.00
GOODYEAR_LAKE_HYD 323669	20.70 0.84 0.00	19.38 0.76 0.00	18.45 0.73 0.00	17.37 0.66 0.00	19.07 0.69 0.00	20.74 0.82 0.00	22.96 0.94 0.00	22.80 0.95 -0.01	25.97 1.12 -0.05	31.97 1.48 -0.05	34.33 1.68 -0.08	27.81 1.46 0.00	35.24 1.86 -0.03	22.27 1.17 -0.02	37.29 1.90 -0.24	44.69 2.22 -0.56	53.47 2.94 -0.91	73.52 4.01 -1.33	52.91 2.66 -1.05	71.42 3.51 -1.43	48.20 2.47 -0.70	39.76 2.03 -0.47	35.17 1.77 -0.35	29.33 1.32 -0.19
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.07 0.22 0.00	18.72 0.09 0.00	17.82 0.10 0.00	16.82 0.11 0.00	18.48 0.10 0.00	20.16 0.24 0.00	22.34 0.32 0.00	22.21 0.35 -0.01	25.37 0.52 -0.10	31.23 0.69 -0.10	33.41 0.69 -0.15	27.06 0.71 0.00	34.20 0.79 -0.06	21.53 0.41 -0.04	36.37 0.75 -0.46	43.85 0.85 -1.10	52.92 1.52 -1.79	72.73 1.95 -2.59	52.30 1.05 -2.05	70.67 1.33 -2.86	47.48 0.72 -1.72	39.03 0.61 -1.17	34.50 0.59 -0.87	28.68 0.40 -0.48
GOUDEY___7 23579	20.09 0.24 0.00	18.74 0.11 0.00	17.84 0.12 0.00	16.83 0.13 0.00	18.50 0.11 0.00	20.18 0.26 0.00	22.37 0.34 0.00	22.23 0.38 -0.01	25.39 0.55 -0.10	31.27 0.73 -0.10	33.45 0.73 -0.15	27.09 0.74 0.00	34.24 0.82 -0.06	21.56 0.44 -0.04	36.43 0.80 -0.46	43.92 0.91 -1.10	53.01 1.61 -1.79	72.82 2.04 -2.59	52.36 1.12 -2.05	70.75 1.42 -2.86	47.54 0.78 -1.72	39.08 0.66 -1.17	34.54 0.63 -0.87	28.71 0.42 -0.48
GOUDEY___8 23580	20.07 0.22 0.00	18.72 0.09 0.00	17.82 0.10 0.00	16.82 0.11 0.00	18.48 0.10 0.00	20.16 0.24 0.00	22.34 0.32 0.00	22.21 0.35 -0.01	25.37 0.52 -0.10	31.23 0.69 -0.15	33.41 0.69 -0.15	27.06 0.71 0.00	34.20 0.79 -0.06	21.53 0.41 -0.04	36.37 0.75 -0.46	43.85 0.85 -1.10	52.92 1.52 -1.79	72.73 1.95 -2.59	52.30 1.05 -2.05	70.67 1.33 -2.86	47.48 0.72 -1.72	39.03 0.61 -1.17	34.50 0.59 -0.87	28.68 0.40 -0.48
GOWANUS_GT1_1 24077	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT1_2 24078	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86

GOWANUS_GT1_3 24079	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT1_4 24080	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT1_5 24084	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT1_6 24111	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT1_7 24112	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT1_8 24113	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT2_1 24114	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT2_2 24115	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT2_3 24116	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT2_4 24117	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT2_5 24118	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT2_6 24119	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT2_7 24120	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT2_8 24121	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT3_1 24122	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86

GOWANUS_GT3_2 24123	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT3_3 24124	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT3_4 24125	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT3_5 24126	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT3_6 24127	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT3_7 24128	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT3_8 24129	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
GOWANUS_GT4_1 24130	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT4_2 24131	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT4_3 24132	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT4_4 24133	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT4_5 24134	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT4_6 24135	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT4_7 24136	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GOWANUS_GT4_8 24137	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86

GREENBSH_115KV_TB3 55895	20.29 0.43 0.00	19.12 0.49 0.00	18.19 0.47 0.00	17.12 0.42 0.00	18.79 0.41 0.00	20.37 0.45 0.00	22.52 0.49 0.00	22.68 0.43 -0.39	27.82 0.43 -2.55	30.92 0.48 0.00	33.11 0.55 0.00	29.00 0.52 -2.13	34.72 0.67 -0.70	30.38 0.43 -8.87	36.41 0.58 -0.67	42.59 0.69 0.00	50.50 0.89 0.00	69.52 1.34 0.00	50.20 1.00 0.00	67.74 1.26 0.00	45.95 0.91 0.00	38.02 0.77 0.00	33.74 0.69 0.00	28.52 0.59 -0.11
GREENDGE_115KV_TB5 80291	20.01 0.15 0.00	18.61 -0.02 0.00	17.71 -0.01 0.00	16.74 0.03 0.00	18.46 0.07 0.00	20.22 0.30 0.00	22.46 0.44 0.00	22.36 0.51 0.00	25.64 0.79 -0.01	31.44 0.92 -0.08	33.53 0.84 -0.13	27.13 0.78 0.00	34.10 0.70 -0.05	21.45 0.34 -0.03	36.17 0.63 -0.37	43.59 0.79 -0.89	52.82 1.75 -1.46	72.79 2.50 -2.11	52.54 1.68 -1.66	70.94 2.14 -2.32	47.53 1.09 -1.41	39.03 0.82 -0.95	34.55 0.80 -0.70	28.83 0.63 -0.39
GREENIDGE___3 23582	20.01 0.15 0.00	18.61 -0.02 0.00	17.71 -0.01 0.00	16.74 0.03 0.00	18.46 0.07 0.00	20.22 0.30 0.00	22.46 0.44 0.00	22.36 0.51 0.00	25.64 0.79 -0.01	31.44 0.92 -0.08	33.53 0.84 -0.13	27.13 0.78 0.00	34.10 0.70 -0.05	21.45 0.34 -0.03	36.17 0.63 -0.37	43.59 0.79 -0.89	52.82 1.75 -1.46	72.79 2.50 -2.11	52.54 1.68 -1.66	70.94 2.14 -2.32	47.53 1.09 -1.41	39.03 0.82 -0.95	34.55 0.80 -0.70	28.83 0.63 -0.39
GREENIDGE___4 23583	20.01 0.15 0.00	18.61 -0.02 0.00	17.71 -0.01 0.00	16.74 0.03 0.00	18.45 0.07 0.00	20.22 0.30 0.00	22.47 0.44 0.00	22.36 0.51 0.00	25.63 0.78 -0.01	31.44 0.93 -0.08	33.53 0.84 -0.13	27.12 0.77 0.00	34.10 0.70 -0.05	21.45 0.34 -0.03	36.16 0.62 -0.37	43.59 0.80 -0.89	52.81 1.75 -1.46	72.79 2.50 -2.11	52.53 1.67 -1.66	70.94 2.14 -2.32	47.53 1.09 -1.41	39.02 0.82 -0.95	34.55 0.79 -0.70	28.82 0.62 -0.39
GREENLWN_69_KV_BK 3 55738	21.04 1.19 0.00	19.91 1.29 0.00	19.04 1.32 0.00	18.04 1.34 0.00	19.72 1.34 0.00	21.44 1.52 0.00	23.89 1.86 0.00	25.33 1.82 -1.66	37.69 1.98 -10.88	33.15 2.53 -0.19	38.03 2.99 -2.47	40.90 2.56 -11.99	41.34 3.33 -4.66	61.21 2.26 -37.88	36.20 3.53 2.49	45.64 3.74 0.00	54.40 4.79 0.00	74.77 6.59 0.00	52.92 3.72 0.00	70.78 4.30 0.00	47.59 2.56 0.00	41.27 2.43 -1.58	35.35 2.30 0.00	30.26 1.98 -0.48
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86
GRISSOM___SOLAR 323813	22.28 2.42 0.00	20.62 1.99 0.00	19.51 1.79 0.00	18.37 1.67 0.00	20.26 1.88 0.00	22.28 2.37 0.00	24.64 2.61 0.00	24.78 2.55 -0.37	30.29 3.04 -2.41	34.00 3.56 0.00	36.21 3.65 0.00	31.18 2.81 -2.02	37.49 3.48 -0.67	31.85 2.36 -8.41	39.48 3.68 -0.64	46.74 4.84 0.00	55.94 6.33 0.00	77.59 9.41 0.00	57.00 7.80 0.00	77.06 10.58 0.00	51.88 6.84 0.00	42.82 5.57 0.00	37.75 4.71 0.00	31.54 3.65 -0.08
GROVEVILLE___HYD 323602	21.25 1.40 0.00	19.94 1.31 0.00	18.95 1.22 0.00	17.83 1.13 0.00	19.53 1.15 0.00	21.21 1.30 0.00	23.52 1.50 0.00	23.32 1.47 0.00	26.52 1.68 0.00	32.67 2.23 0.00	35.19 2.62 0.00	28.71 2.36 0.00	36.39 3.04 0.00	23.07 2.00 0.00	38.39 3.23 0.00	45.78 3.87 0.00	54.64 5.03 0.00	74.93 6.75 0.00	53.45 4.25 0.00	71.74 5.26 0.00	48.39 3.36 0.00	40.04 2.79 0.00	35.55 2.50 0.00	29.77 1.95 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.83 -0.03 0.00	18.54 -0.09 0.00	17.64 -0.09 0.00	16.62 -0.08 0.00	18.29 -0.09 0.00	19.92 0.01 0.00	22.04 0.02 0.00	21.88 0.03 0.00	24.95 0.08 -0.03	30.82 0.12 -0.26	33.11 0.14 -0.41	26.53 0.18 0.00	33.69 0.18 -0.16	21.27 0.10 -0.10	36.56 0.18 -1.22	45.10 0.29 -2.91	55.11 0.75 -4.74	76.12 1.07 -6.86	55.32 0.70 -5.42	74.88 0.83 -7.57	50.02 0.39 -4.60	40.65 0.29 -3.11	35.57 0.22 -2.30	29.15 0.07 -1.26
HAMLTNNY_34_KV_TB 80303	19.89 0.04 0.00	18.62 0.00 0.00	17.72 0.00 0.00	16.70 -0.01 0.00	18.37 -0.01 0.00	19.99 0.07 0.00	22.11 0.09 0.00	21.96 0.11 0.00	25.07 0.21 -0.03	30.98 0.27 -0.27	33.27 0.29 -0.42	26.66 0.31 0.00	33.84 0.33 -0.17	21.38 0.20 -0.10	36.76 0.34 -1.25	45.40 0.51 -2.99	55.56 1.07 -4.89	76.73 1.48 -7.07	55.76 0.97 -5.59	75.45 1.17 -7.80	50.33 0.56 -4.74	40.91 0.45 -3.21	35.79 0.37 -2.37	29.30 0.18 -1.30
HAMPSHIRE___PAPER_HYD 323593	19.21 -0.65 0.00	17.76 -0.87 0.00	16.87 -0.86 0.00	15.90 -0.81 0.00	17.61 -0.77 0.00	18.96 -0.96 0.00	20.93 -1.09 0.00	20.70 -1.15 0.00	23.69 -1.17 -0.02	29.16 -1.43 -0.14	30.80 -1.99 -0.22	24.36 -1.99 0.00	31.05 -2.39 -0.09	19.70 -1.43 -0.06	33.78 -2.05 -0.67	40.74 -2.75 -1.59	49.28 -2.92 -2.60	68.95 -1.82 -2.59	50.44 -0.79 -2.04	68.66 -0.64 -2.82	46.63 -0.11 -1.71	38.27 -0.14 -1.16	33.58 -0.33 -0.86	27.94 -0.34 -0.47
HARDSCRABBLE_WT_PWR 323673	20.05 0.19 0.00	18.71 0.08 0.00	17.75 0.03 0.00	16.69 -0.02 0.00	18.31 -0.07 0.00	19.96 0.04 0.00	22.10 0.07 0.00	21.90 0.05 0.00	24.83 -0.01 0.00	30.47 0.03 0.00	32.66 0.10 0.00	26.57 0.22 0.00	33.79 0.44 0.00	21.37 0.29 0.00	35.54 0.38 0.00	42.37 0.47 0.00	50.36 0.75 0.00	69.50 1.32 0.00	50.28 1.08 0.00	67.98 1.50 0.00	45.93 0.90 0.00	38.01 0.76 0.00	33.55 0.50 0.00	28.04 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.08 1.22 0.00	19.75 1.12 0.00	18.76 1.03 0.00	17.64 0.94 0.00	19.32 0.94 0.00	21.03 1.11 0.00	23.32 1.30 0.00	21.45 1.26 1.66	15.56 1.44 10.71	32.39 1.95 0.00	34.90 2.34 0.00	19.47 2.10 8.98	33.12 2.72 2.95	-14.48 1.79 37.34	35.27 2.93 2.82	45.41 3.50 0.00	54.27 4.66 0.00	74.45 6.27 0.00	53.04 3.85 0.00	71.16 4.67 0.00	48.00 2.97 0.00	39.72 2.46 0.00	35.27 2.22 0.00	29.06 1.73 0.48
HARSNRAD_115KV_TB1 81005	19.41 -0.45 0.00	18.24 -0.38 0.00	17.46 -0.26 0.00	16.48 -0.23 0.00	18.15 -0.23 0.00	19.96 0.04 0.00	22.11 0.09 0.00	21.82 -0.03 0.00	24.91 0.07 0.00	30.48 0.05 0.00	32.42 -0.15 0.00	26.38 0.03 0.00	32.71 -0.64 0.00	20.37 -0.71 0.00	34.07 -1.09 0.00	40.80 -1.11 0.00	49.52 -0.09 0.00	68.07 -0.11 0.00	49.08 -0.12 0.00	65.99 -0.49 0.00	44.13 -0.90 0.00	36.49 -0.76 0.00	32.81 -0.24 0.00	27.47 -0.34 0.00
HARZA MOOSE___RIVER 24016	19.86 0.00 0.00	18.36 -0.27 0.00	17.44 -0.28 0.00	16.44 -0.26 0.00	18.17 -0.21 0.00	19.70 -0.22 0.00	21.88 -0.14 0.00	22.50 0.65 0.00	25.64 0.80 0.00	31.46 1.02 0.00	33.66 1.09 0.00	27.29 0.93 0.00	34.51 1.17 0.00	21.80 0.73 0.00	36.47 1.31 0.00	43.45 1.54 0.00	51.68 2.08 0.00	71.81 1.68 -1.95	52.28 1.55 -1.54	70.91 2.28 -2.15	47.99 1.65 -1.30	39.45 1.31 -0.88	34.69 0.99 -0.65	28.82 0.65 -0.36

HDSNBRDG_115KV_BRDG_TB1 355580	19.69 -0.17 0.00	18.44 -0.19 0.00	17.55 -0.17 0.00	16.54 -0.16 0.00	18.20 -0.18 0.00	19.79 -0.12 0.00	21.89 -0.14 0.00	21.70 -0.15 0.00	24.71 -0.14 -0.02	30.45 -0.13 -0.14	32.64 -0.14 -0.22	26.33 -0.02 0.00	33.34 -0.10 -0.09	21.03 -0.10 -0.05	35.68 -0.13 -0.65	43.36 -0.10 -1.55	52.41 0.26 -2.53	72.29 0.43 -3.67	52.30 0.20 -2.90	70.68 0.15 -4.05	47.46 -0.03 -2.46	38.84 -0.07 -1.66	34.19 -0.09 -1.23	28.32 -0.17 -0.68
HELLGATE_13_KV_LD 55870	21.25 1.39 0.00	19.95 1.33 0.00	18.97 1.25 0.00	17.86 1.16 0.00	19.50 1.12 0.00	21.16 1.24 0.00	23.53 1.51 0.00	25.02 1.49 -1.67	37.35 1.68 -10.82	32.72 2.28 0.00	35.28 2.72 0.00	37.85 2.42 -9.08	39.45 3.12 -2.98	60.91 2.10 -37.74	41.35 3.33 -2.85	45.86 3.95 0.00	54.76 5.15 0.00	74.98 6.80 0.00	53.27 4.07 0.00	71.38 4.90 0.00	48.10 3.06 0.00	39.90 2.65 0.00	35.64 2.60 0.00	30.40 2.10 -0.48
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.25 1.39 0.00	19.95 1.33 0.00	18.97 1.25 0.00	17.86 1.16 0.00	19.50 1.12 0.00	21.16 1.24 0.00	23.53 1.51 0.00	25.02 1.49 -1.67	37.35 1.68 -10.82	32.72 2.28 0.00	35.28 2.72 0.00	37.85 2.42 -9.08	39.45 3.12 -2.98	60.91 2.10 -37.74	41.35 3.33 -2.85	45.86 3.95 0.00	54.76 5.15 0.00	74.98 6.80 0.00	53.27 4.07 0.00	71.38 4.90 0.00	48.10 3.06 0.00	39.90 2.65 0.00	35.64 2.60 0.00	30.40 2.10 -0.48
HEMPSTEAD____ 23647	21.21 1.35 0.00	20.01 1.39 0.00	19.08 1.35 0.00	18.01 1.31 0.00	19.69 1.31 0.00	21.40 1.48 0.00	23.81 1.79 0.00	25.26 1.75 -1.66	37.64 1.93 -10.88	33.15 2.53 -0.19	38.04 3.00 -2.47	40.96 2.63 -11.99	41.48 3.38 -4.75	67.56 2.23 -44.25	43.82 3.55 -5.11	45.92 4.01 0.00	54.78 5.17 0.00	75.18 7.00 0.00	53.36 4.16 0.00	71.42 4.94 0.00	48.11 3.08 0.00	48.98 2.75 -8.98	35.63 2.58 0.00	30.42 2.13 -0.48
HEWLETT__69_KV_BK3 55828	21.47 1.61 0.00	20.22 1.59 0.00	19.26 1.54 0.00	18.18 1.48 0.00	19.87 1.49 0.00	21.61 1.70 0.00	24.06 2.03 0.00	25.48 1.97 -1.66	37.87 2.16 -10.88	33.40 2.77 -0.19	38.33 3.29 -2.47	41.20 2.86 -11.99	41.84 3.74 -4.75	67.82 2.50 -44.25	44.28 4.01 -5.11	46.46 4.56 0.00	55.46 5.85 0.00	76.13 7.95 0.00	53.98 4.78 0.00	72.40 5.92 0.00	48.75 3.71 0.00	72.24 3.30 -31.69	36.09 3.04 0.00	30.75 2.46 -0.48
HICKLING___1 23621	19.97 0.11 0.00	18.59 -0.04 0.00	17.72 0.00 0.00	16.78 0.08 0.00	18.51 0.12 0.00	20.24 0.33 0.00	22.51 0.48 0.00	22.41 0.56 0.00	25.75 0.90 -0.01	31.65 1.14 -0.08	33.80 1.10 -0.13	27.46 1.11 0.00	34.56 1.17 -0.05	21.66 0.56 -0.03	36.58 1.05 -0.37	43.96 1.17 -0.88	53.31 2.26 -1.44	73.24 2.98 -2.09	52.54 1.69 -1.65	70.96 2.18 -2.30	47.54 1.12 -1.39	39.11 0.91 -0.94	34.65 0.90 -0.70	28.81 0.62 -0.38
HICKLING___2 23622	19.97 0.11 0.00	18.59 -0.04 0.00	17.72 0.00 0.00	16.78 0.08 0.00	18.51 0.12 0.00	20.24 0.33 0.00	22.51 0.48 0.00	22.41 0.56 0.00	25.75 0.90 -0.01	31.65 1.14 -0.08	33.80 1.10 -0.13	27.46 1.11 0.00	34.56 1.17 -0.05	21.66 0.56 -0.03	36.58 1.05 -0.37	43.96 1.17 -0.88	53.31 2.26 -1.44	73.24 2.98 -2.09	52.54 1.69 -1.65	70.96 2.18 -2.30	47.54 1.12 -1.39	39.11 0.91 -0.94	34.65 0.90 -0.70	28.81 0.62 -0.38
HIGH FALLS___HY 23754	21.29 1.44 0.00	19.84 1.22 0.00	18.84 1.12 0.00	17.72 1.02 0.00	19.40 1.02 0.00	21.17 1.25 0.00	23.48 1.46 0.00	23.30 1.45 0.00	26.50 1.66 0.00	32.66 2.22 0.00	35.23 2.66 0.00	28.75 2.40 0.00	36.55 3.20 0.00	23.10 2.02 0.00	38.23 3.07 0.00	45.54 3.64 0.00	54.59 4.98 0.00	74.94 6.76 0.00	53.38 4.18 0.00	71.55 5.07 0.00	48.17 3.14 0.00	39.89 2.64 0.00	35.59 2.54 0.00	29.68 1.87 0.00
HILLBURN___GT 23639	21.04 1.19 0.00	19.70 1.07 0.00	18.70 0.98 0.00	17.58 0.88 0.00	19.25 0.87 0.00	20.98 1.06 0.00	23.27 1.24 0.00	21.10 1.20 1.95	13.61 1.36 12.59	32.30 1.86 0.00	34.80 2.24 0.00	17.81 2.01 10.55	32.47 2.59 3.47	-21.10 1.70 43.88	34.63 2.78 3.31	45.23 3.33 0.00	54.07 4.46 0.00	74.14 5.96 0.00	52.76 3.57 0.00	70.74 4.26 0.00	47.72 2.69 0.00	39.53 2.28 0.00	35.14 2.09 0.00	28.89 1.64 0.56
HILLSIDE_115KV_TB1 80332	19.74 -0.11 0.00	18.31 -0.32 0.00	17.44 -0.29 0.00	16.51 -0.20 0.00	18.16 -0.22 0.00	19.90 -0.02 0.00	22.10 0.07 0.00	22.00 0.15 0.00	25.25 0.40 -0.01	31.07 0.55 -0.08	33.19 0.49 -0.13	26.96 0.61 0.00	33.98 0.58 -0.05	21.32 0.21 -0.03	36.01 0.46 -0.38	43.26 0.44 -0.92	52.36 1.25 -1.50	71.78 1.43 -2.17	51.38 0.47 -1.71	69.43 0.56 -2.39	46.55 0.07 -1.44	38.34 0.11 -0.98	33.98 0.21 -0.72	28.29 0.09 -0.40
HISHELDN_WT_PWR 323625	19.28 -0.57 0.00	18.11 -0.51 0.00	17.33 -0.39 0.00	16.43 -0.27 0.00	18.18 -0.20 0.00	19.97 0.05 0.00	22.17 0.14 0.00	21.97 0.12 0.00	25.20 0.36 0.00	30.88 0.45 0.00	32.85 0.28 0.00	26.77 0.42 0.00	33.33 -0.02 0.00	20.78 -0.30 0.00	34.73 -0.44 0.00	41.41 -0.49 0.00	50.20 0.59 0.00	69.04 0.86 0.00	49.63 0.44 0.00	66.91 0.43 0.00	44.82 -0.22 0.00	37.06 -0.19 0.00	33.20 0.15 0.00	27.78 -0.03 0.00
HOLTSVILLE_IC_1 23690	21.16 1.30 0.00	20.05 1.42 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.56 1.64 0.00	24.09 2.07 0.00	25.53 2.02 -1.66	37.91 2.20 -10.88	33.48 2.85 -0.19	38.22 3.18 -2.47	41.07 2.74 -11.99	42.08 3.60 -5.13	95.98 2.34 -72.56	77.71 3.67 -38.88	45.94 4.03 0.00	54.84 5.23 0.00	75.25 7.07 0.00	53.20 4.00 0.00	71.13 4.65 0.00	47.79 2.76 0.00	41.02 2.56 -1.21	35.57 2.52 0.00	30.40 2.11 -0.48
HOLTSVILLE_IC_10 23699	21.28 1.42 0.00	20.18 1.55 0.00	19.31 1.59 0.00	18.31 1.60 0.00	19.99 1.61 0.00	21.69 1.77 0.00	24.24 2.22 0.00	25.69 2.18 -1.66	38.11 2.40 -10.88	33.75 3.12 -0.19	38.50 3.47 -2.47	41.33 3.00 -11.99	42.47 3.96 -5.15	98.05 2.58 -74.39	80.30 4.07 -41.07	46.40 4.49 0.00	55.41 5.80 0.00	76.05 7.86 0.00	53.73 4.54 0.00	71.78 5.30 0.00	48.19 3.16 0.00	41.50 2.89 -1.35	35.86 2.81 0.00	30.61 2.32 -0.48
HOLTSVILLE_IC_2 23691	21.16 1.30 0.00	20.05 1.42 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.56 1.64 0.00	24.09 2.07 0.00	25.53 2.02 -1.66	37.91 2.20 -10.88	33.48 2.85 -0.19	38.22 3.18 -2.47	41.07 2.74 -11.99	42.08 3.60 -5.13	95.98 2.34 -72.56	77.71 3.67 -38.88	45.94 4.03 0.00	54.84 5.23 0.00	75.25 7.07 0.00	53.20 4.00 0.00	71.13 4.65 0.00	47.79 2.76 0.00	41.02 2.56 -1.21	35.57 2.52 0.00	30.40 2.11 -0.48
HOLTSVILLE_IC_3 23692	21.16 1.30 0.00	20.05 1.42 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.56 1.64 0.00	24.09 2.07 0.00	25.53 2.02 -1.66	37.91 2.20 -10.88	33.48 2.85 -0.19	38.22 3.18 -2.47	41.07 2.74 -11.99	42.08 3.60 -5.13	95.98 2.34 -72.56	77.71 3.67 -38.88	45.94 4.03 0.00	54.84 5.23 0.00	75.25 7.07 0.00	53.20 4.00 0.00	71.13 4.65 0.00	47.79 2.76 0.00	41.02 2.56 -1.21	35.57 2.52 0.00	30.40 2.11 -0.48

HOLTSVILLE_IC_4 23693	21.16 1.30 0.00	20.05 1.42 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.56 1.64 0.00	24.09 2.07 0.00	25.53 2.02 -1.66	37.91 2.20 -10.88	33.48 2.85 -0.19	38.22 3.18 -2.47	41.07 2.74 -11.99	42.08 3.60 -5.13	95.98 2.34 -72.56	77.71 3.67 -38.88	45.94 4.03 0.00	54.84 5.23 0.00	75.25 7.07 0.00	53.20 4.00 0.00	71.13 4.65 0.00	47.79 2.76 0.00	41.02 2.56 -1.21	35.57 2.52 0.00	30.40 2.11 -0.48
HOLTSVILLE_IC_5 23694	21.16 1.30 0.00	20.05 1.42 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.56 1.64 0.00	24.09 2.07 0.00	25.53 2.02 -1.66	37.91 2.20 -10.88	33.48 2.85 -0.19	38.22 3.18 -2.47	41.07 2.74 -11.99	42.08 3.60 -5.13	95.98 2.34 -72.56	77.71 3.67 -38.88	45.94 4.03 0.00	54.84 5.23 0.00	75.25 7.07 0.00	53.20 4.00 0.00	71.13 4.65 0.00	47.79 2.76 0.00	41.02 2.56 -1.21	35.57 2.52 0.00	30.40 2.11 -0.48
HOLTSVILLE_IC_6 23695	21.28 1.42 0.00	20.18 1.55 0.00	19.31 1.59 0.00	18.31 1.60 0.00	19.99 1.61 0.00	21.69 1.77 0.00	24.24 2.22 0.00	25.69 2.18 -1.66	38.11 2.40 -10.88	33.75 3.12 -0.19	38.50 3.47 -2.47	41.33 3.00 -11.99	42.47 3.96 -5.15	98.05 2.58 -74.39	80.30 4.07 -41.07	46.40 4.49 0.00	55.41 5.80 0.00	76.05 7.86 0.00	53.73 4.54 0.00	71.78 5.30 0.00	48.19 3.16 0.00	41.50 2.89 -1.35	35.86 2.81 0.00	30.61 2.32 -0.48
HOLTSVILLE_IC_7 23696	21.28 1.42 0.00	20.18 1.55 0.00	19.31 1.59 0.00	18.31 1.60 0.00	19.99 1.61 0.00	21.69 1.77 0.00	24.24 2.22 0.00	25.69 2.18 -1.66	38.11 2.40 -10.88	33.75 3.12 -0.19	38.50 3.47 -2.47	41.33 3.00 -11.99	42.47 3.96 -5.15	98.05 2.58 -74.39	80.30 4.07 -41.07	46.40 4.49 0.00	55.41 5.80 0.00	76.05 7.86 0.00	53.73 4.54 0.00	71.78 5.30 0.00	48.19 3.16 0.00	41.50 2.89 -1.35	35.86 2.81 0.00	30.61 2.32 -0.48
HOLTSVILLE_IC_8 23697	21.28 1.42 0.00	20.18 1.55 0.00	19.31 1.59 0.00	18.31 1.60 0.00	19.99 1.61 0.00	21.69 1.77 0.00	24.24 2.22 0.00	25.69 2.18 -1.66	38.11 2.40 -10.88	33.75 3.12 -0.19	38.50 3.47 -2.47	41.33 3.00 -11.99	42.47 3.96 -5.15	98.05 2.58 -74.39	80.30 4.07 -41.07	46.40 4.49 0.00	55.41 5.80 0.00	76.05 7.86 0.00	53.73 4.54 0.00	71.78 5.30 0.00	48.19 3.16 0.00	41.50 2.89 -1.35	35.86 2.81 0.00	30.61 2.32 -0.48
HOLTSVILLE_IC_9 23698	21.28 1.42 0.00	20.18 1.55 0.00	19.31 1.59 0.00	18.31 1.60 0.00	19.99 1.61 0.00	21.69 1.77 0.00	24.24 2.22 0.00	25.69 2.18 -1.66	38.11 2.40 -10.88	33.75 3.12 -0.19	38.50 3.47 -2.47	41.33 3.00 -11.99	42.47 3.96 -5.15	98.05 2.58 -74.39	80.30 4.07 -41.07	46.40 4.49 0.00	55.41 5.80 0.00	76.05 7.86 0.00	53.73 4.54 0.00	71.78 5.30 0.00	48.19 3.16 0.00	41.50 2.89 -1.35	35.86 2.81 0.00	30.61 2.32 -0.48
HOMER_HL_115KV_TB2 355744	19.89 0.03 0.00	18.51 -0.12 0.00	17.66 -0.06 0.00	16.67 -0.04 0.00	18.34 -0.04 0.00	20.16 0.24 0.00	22.43 0.41 0.00	22.32 0.46 0.00	25.59 0.75 0.00	31.43 0.99 0.00	33.34 0.78 0.00	26.99 0.64 0.00	33.59 0.25 0.00	20.89 -0.19 0.00	35.03 -0.14 0.00	41.75 -0.15 0.00	50.40 0.79 0.00	68.59 0.41 0.00	48.92 -0.27 0.00	65.79 -0.69 0.00	44.10 -0.93 0.00	36.61 -0.64 0.00	33.11 0.07 0.00	27.90 0.09 0.00
HOWARD_WT_PWR 323690	19.37 -0.48 0.00	18.19 -0.44 0.00	17.28 -0.45 0.00	16.44 -0.26 0.00	18.30 -0.08 0.00	20.03 0.11 0.00	22.34 0.32 0.00	22.22 0.37 0.00	25.72 0.88 -0.01	31.63 1.14 -0.06	33.61 0.96 -0.09	27.30 0.95 0.00	34.12 0.74 -0.04	21.24 0.14 -0.02	35.67 0.24 -0.27	42.87 0.33 -0.63	52.26 1.61 -1.04	72.23 2.55 -1.50	52.11 1.73 -1.18	70.39 2.27 -1.65	47.01 0.98 -0.99	38.56 0.63 -0.67	34.26 0.71 -0.50	28.53 0.45 -0.27
HQ_GEN_CEDARS 23644	19.69 -0.16 0.00	18.40 -0.23 0.00	17.48 -0.24 0.00	16.48 -0.22 0.00	18.20 -0.18 0.00	19.68 -0.24 0.00	21.77 -0.26 0.00	21.68 -0.17 0.00	24.60 -0.23 0.00	30.06 -0.37 0.00	32.00 -0.57 0.00	25.69 -0.65 0.00	32.62 -0.72 0.00	20.65 -0.42 0.00	34.55 -0.61 0.00	41.17 -0.74 0.00	48.36 -1.25 0.00	66.44 -1.74 0.00	48.24 -0.95 0.00	65.43 -1.05 0.00	44.45 -0.58 0.00	36.73 -0.52 0.00	32.56 -0.49 0.00	27.52 -0.29 0.00
HQ_GEN_CEDARS_PROXY 323590	19.69 -0.16 0.00	18.40 -0.23 0.00	17.48 -0.24 0.00	16.48 -0.22 0.00	18.20 -0.18 0.00	19.68 -0.24 0.00	21.77 -0.25 0.00	21.68 -0.17 0.00	24.60 -0.23 0.00	30.06 -0.37 0.00	32.00 -0.57 0.00	25.69 -0.65 0.00	32.62 -0.72 0.00	20.65 -0.42 0.00	34.55 -0.61 0.00	41.17 -0.74 0.00	48.36 -1.25 0.00	66.44 -1.74 0.00	48.24 -0.95 0.00	65.43 -1.05 0.00	44.45 -0.58 0.00	36.73 -0.52 0.00	32.56 -0.49 0.00	27.52 -0.29 0.00
HQ_GEN_IMPORT 323601	19.72 -0.13 0.00	18.49 -0.14 0.00	17.58 -0.14 0.00	16.58 -0.13 0.00	18.29 -0.09 0.00	19.76 -0.16 0.00	21.87 -0.16 0.00	21.73 -0.12 0.00	25.84 -0.16 -1.16	29.39 -0.25 0.79	32.22 -0.35 0.00	25.93 -0.41 0.00	32.87 -0.48 0.00	20.79 -0.29 0.00	34.73 -0.44 0.00	41.38 -0.52 0.00	48.59 -1.01 0.00	66.70 -1.48 0.00	48.36 -0.84 0.00	65.53 -0.95 0.00	44.48 -0.55 0.00	36.77 -0.48 0.00	32.64 -0.40 0.00	27.58 -0.23 0.00
HQ_GEN_WHEEL 23651	19.72 -0.13 0.00	18.49 -0.14 0.00	17.58 -0.14 0.00	16.58 -0.13 0.00	18.29 -0.09 0.00	19.76 -0.16 0.00	21.87 -0.16 0.00	21.73 -0.12 0.00	25.84 -0.16 -1.16	29.39 -0.25 0.79	32.22 -0.35 0.00	25.93 -0.41 0.00	32.87 -0.48 0.00	20.79 -0.29 0.00	34.73 -0.44 0.00	41.38 -0.52 0.00	48.59 -1.01 0.00	66.70 -1.48 0.00	48.36 -0.84 0.00	65.53 -0.95 0.00	44.48 -0.55 0.00	36.77 -0.48 0.00	32.64 -0.40 0.00	27.58 -0.23 0.00
HUDSON_AVE_GT_3 23810	21.29 1.44 0.00	19.99 1.37 0.00	19.00 1.28 0.00	17.89 1.19 0.00	19.56 1.18 0.00	21.24 1.32 0.00	23.60 1.58 0.00	25.08 1.55 -1.67	37.42 1.76 -10.83	32.81 2.37 0.00	35.37 2.80 0.00	37.92 2.49 -9.08	39.51 3.18 -2.99	60.95 2.13 -37.75	41.43 3.42 -2.85	45.98 4.07 0.00	54.91 5.30 0.00	75.23 7.04 0.00	53.45 4.26 0.00	71.59 5.11 0.00	48.22 3.18 0.00	39.95 2.70 0.00	35.65 2.60 0.00	30.40 2.11 -0.48
HUDSON_AVE_GT_4 23540	21.29 1.44 0.00	19.99 1.37 0.00	19.00 1.28 0.00	17.89 1.19 0.00	19.56 1.18 0.00	21.24 1.32 0.00	23.60 1.58 0.00	25.08 1.55 -1.67	37.42 1.76 -10.83	32.81 2.37 0.00	35.37 2.80 0.00	37.92 2.49 -9.08	39.51 3.18 -2.99	60.95 2.13 -37.75	41.43 3.42 -2.85	45.98 4.07 0.00	54.91 5.30 0.00	75.23 7.04 0.00	53.45 4.26 0.00	71.59 5.11 0.00	48.22 3.18 0.00	39.95 2.70 0.00	35.65 2.60 0.00	30.40 2.11 -0.48
HUDSON_AVE_GT_5 23657	21.29 1.44 0.00	19.99 1.37 0.00	19.00 1.28 0.00	17.89 1.19 0.00	19.56 1.18 0.00	21.24 1.32 0.00	23.60 1.58 0.00	25.08 1.55 -1.67	37.42 1.76 -10.83	32.81 2.37 0.00	35.37 2.80 0.00	37.92 2.49 -9.08	39.51 3.18 -2.99	60.95 2.13 -37.75	41.43 3.42 -2.85	45.98 4.07 0.00	54.91 5.30 0.00	75.23 7.04 0.00	53.45 4.26 0.00	71.59 5.11 0.00	48.22 3.18 0.00	39.95 2.70 0.00	35.65 2.60 0.00	30.40 2.11 -0.48

HUDSON_AVE_10 24168	21.23 1.37 0.00	19.94 1.31 0.00	18.95 1.23 0.00	17.84 1.14 0.00	19.51 1.13 0.00	21.18 1.26 0.00	23.53 1.51 0.00	25.01 1.49 -1.67	37.34 1.68 -10.83	32.70 2.26 0.00	35.23 2.66 0.00	37.82 2.39 -9.08	39.39 3.05 -2.99	60.88 2.05 -37.75	41.30 3.29 -2.85	45.82 3.92 0.00	54.74 5.14 0.00	74.99 6.81 0.00	53.27 4.07 0.00	71.34 4.86 0.00	48.07 3.04 0.00	39.84 2.58 0.00	35.56 2.51 0.00	30.32 2.03 -0.48
HUDSON___115KV_TB 4 355613	20.69 0.83 0.00	19.47 0.85 0.00	18.53 0.80 0.00	17.44 0.74 0.00	19.15 0.77 0.00	20.79 0.87 0.00	23.01 0.99 0.00	23.16 0.96 -0.35	28.07 1.00 -2.24	31.50 1.07 0.00	33.61 1.04 0.00	29.11 0.89 -1.88	35.10 1.14 -0.62	29.62 0.74 -7.80	36.87 1.12 -0.59	43.33 1.43 0.00	51.40 1.79 0.00	70.84 2.66 0.00	51.33 2.14 0.00	69.45 2.98 0.00	47.12 2.09 0.00	38.95 1.69 0.00	34.45 1.40 0.00	29.09 1.18 -0.10
HUNTER MOUNT___DRP 323613	20.78 0.93 0.00	19.58 0.95 0.00	18.63 0.91 0.00	17.54 0.83 0.00	19.26 0.87 0.00	20.89 0.97 0.00	23.13 1.10 0.00	23.23 1.08 -0.30	27.88 1.12 -1.92	31.62 1.18 0.00	33.69 1.12 0.00	28.86 0.90 -1.61	35.02 1.14 -0.53	28.50 0.75 -6.68	36.81 1.14 -0.51	43.38 1.47 0.00	51.43 1.81 0.00	70.94 2.76 0.00	51.55 2.35 0.00	69.86 3.38 0.00	47.44 2.41 0.00	39.17 1.92 0.00	34.60 1.56 0.00	29.23 1.33 -0.08
HUNTINGTON_RES_REC 323705	21.15 1.30 0.00	20.04 1.41 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.55 1.64 0.00	24.06 2.03 0.00	25.51 2.00 -1.66	37.91 2.19 -10.88	33.46 2.83 -0.19	38.30 3.26 -2.47	41.15 2.81 -11.99	42.75 3.69 -5.70	139.00 2.47 -115.46	129.17 3.93 -90.07	46.08 4.18 0.00	54.99 5.37 -0.01	75.55 7.36 -0.01	53.41 4.21 0.00	71.36 4.88 0.00	47.92 2.89 0.00	41.30 2.69 -1.36	35.62 2.57 0.00	30.45 2.16 -0.48
HUNTLEY___63 23557	19.59 -0.26 0.00	18.40 -0.23 0.00	17.61 -0.11 0.00	16.62 -0.09 0.00	18.30 -0.08 0.00	20.14 0.22 0.00	22.31 0.29 0.00	22.03 0.18 0.00	25.18 0.35 0.00	30.86 0.42 0.00	32.84 0.28 0.00	26.71 0.36 0.00	33.07 -0.27 0.00	20.55 -0.53 0.00	34.38 -0.78 0.00	41.13 -0.77 0.00	49.92 0.31 0.00	68.57 0.38 0.00	49.38 0.18 0.00	66.42 -0.05 0.00	44.40 -0.63 0.00	36.72 -0.54 0.00	33.04 -0.01 0.00	27.70 -0.11 0.00
HUNTLEY___64 23558	19.59 -0.26 0.00	18.40 -0.23 0.00	17.61 -0.11 0.00	16.62 -0.09 0.00	18.30 -0.08 0.00	20.14 0.22 0.00	22.31 0.29 0.00	22.03 0.18 0.00	25.18 0.35 0.00	30.86 0.42 0.00	32.84 0.28 0.00	26.71 0.36 0.00	33.07 -0.27 0.00	20.55 -0.53 0.00	34.38 -0.78 0.00	41.13 -0.77 0.00	49.92 0.31 0.00	68.57 0.38 0.00	49.38 0.18 0.00	66.42 -0.05 0.00	44.40 -0.63 0.00	36.72 -0.54 0.00	33.04 -0.01 0.00	27.70 -0.11 0.00
HUNTLEY___65 23559	19.59 -0.26 0.00	18.40 -0.23 0.00	17.61 -0.11 0.00	16.62 -0.09 0.00	18.30 -0.08 0.00	20.14 0.22 0.00	22.31 0.29 0.00	22.03 0.18 0.00	25.18 0.35 0.00	30.86 0.42 0.00	32.84 0.28 0.00	26.71 0.36 0.00	33.07 -0.27 0.00	20.55 -0.53 0.00	34.38 -0.78 0.00	41.13 -0.77 0.00	49.92 0.31 0.00	68.57 0.38 0.00	49.38 0.18 0.00	66.42 -0.05 0.00	44.40 -0.63 0.00	36.72 -0.54 0.00	33.04 -0.01 0.00	27.70 -0.11 0.00
HUNTLEY___66 23560	19.59 -0.26 0.00	18.40 -0.23 0.00	17.61 -0.11 0.00	16.62 -0.09 0.00	18.30 -0.08 0.00	20.14 0.22 0.00	22.31 0.29 0.00	22.03 0.18 0.00	25.18 0.35 0.00	30.86 0.42 0.00	32.84 0.28 0.00	26.71 0.36 0.00	33.07 -0.27 0.00	20.55 -0.53 0.00	34.38 -0.78 0.00	41.13 -0.77 0.00	49.92 0.31 0.00	68.57 0.38 0.00	49.38 0.18 0.00	66.42 -0.05 0.00	44.40 -0.63 0.00	36.72 -0.54 0.00	33.04 -0.01 0.00	27.70 -0.11 0.00
HUNTLEY___67 23561	19.40 -0.45 0.00	18.23 -0.39 0.00	17.46 -0.27 0.00	16.48 -0.22 0.00	18.15 -0.23 0.00	19.95 0.04 0.00	22.10 0.08 0.00	21.83 -0.02 0.00	24.95 0.11 0.00	30.55 0.11 0.00	32.52 -0.05 0.00	26.46 0.11 0.00	32.85 -0.50 0.00	20.45 -0.62 0.00	34.22 -0.94 0.00	40.93 -0.97 0.00	49.66 0.05 0.00	68.21 0.02 0.00	49.09 -0.11 0.00	66.05 -0.43 0.00	44.19 -0.85 0.00	36.54 -0.71 0.00	32.82 -0.23 0.00	27.49 -0.32 0.00
HUNTLEY___68 23562	19.40 -0.45 0.00	18.23 -0.39 0.00	17.46 -0.27 0.00	16.48 -0.22 0.00	18.15 -0.23 0.00	19.95 0.04 0.00	22.10 0.08 0.00	21.83 -0.02 0.00	24.95 0.11 0.00	30.55 0.11 0.00	32.52 -0.05 0.00	26.46 0.11 0.00	32.85 -0.50 0.00	20.45 -0.62 0.00	34.22 -0.94 0.00	40.93 -0.97 0.00	49.66 0.05 0.00	68.21 0.02 0.00	49.09 -0.11 0.00	66.05 -0.43 0.00	44.19 -0.85 0.00	36.54 -0.71 0.00	32.82 -0.23 0.00	27.49 -0.32 0.00
HYLAND___LFGE 323620	20.48 0.63 0.00	19.20 0.57 0.00	18.31 0.59 0.00	17.33 0.62 0.00	19.16 0.77 0.00	20.99 1.07 0.00	23.37 1.35 0.00	23.18 1.33 0.00	26.13 1.29 0.00	31.37 0.94 0.00	32.78 0.22 0.00	26.47 0.12 0.00	33.13 -0.21 0.00	20.75 -0.32 0.00	34.75 -0.42 0.00	41.49 -0.42 0.00	50.18 0.57 0.00	69.23 1.05 0.00	50.28 1.09 0.00	69.02 2.54 0.00	46.89 1.85 0.00	38.75 1.50 0.00	34.36 1.31 0.00	29.24 1.43 0.00
INDECK___CORINTH 23802	20.72 0.86 0.00	19.50 0.87 0.00	18.53 0.81 0.00	17.35 0.64 0.00	19.04 0.66 0.00	20.62 0.70 0.00	22.84 0.81 0.00	22.95 0.71 -0.38	28.16 0.84 -2.48	31.65 1.21 0.00	34.04 1.48 0.00	29.85 1.42 -2.08	35.99 1.96 -0.68	30.87 1.17 -8.63	37.72 1.91 -0.65	44.50 2.60 0.00	52.79 3.18 0.00	72.59 4.41 0.00	52.52 3.32 0.00	71.21 4.73 0.00	48.17 3.13 0.00	39.64 2.39 0.00	34.87 1.82 0.00	29.30 1.38 -0.11
INDECK___ILION 23567	19.98 0.13 0.00	18.70 0.07 0.00	17.78 0.05 0.00	16.74 0.03 0.00	18.38 0.00 0.00	19.98 0.06 0.00	22.10 0.08 0.00	21.90 0.05 0.00	24.85 0.02 0.00	30.49 0.05 0.00	32.65 0.09 0.00	26.51 0.16 0.00	33.63 0.29 0.00	21.27 0.20 0.00	35.44 0.27 0.00	42.22 0.32 0.00	50.12 0.51 0.00	69.11 0.93 0.00	49.91 0.72 0.00	67.44 0.96 0.00	45.61 0.57 0.00	37.74 0.48 0.00	33.38 0.33 0.00	27.97 0.17 0.00
INDECK___OLEAN 23982	19.89 0.03 0.00	18.51 -0.12 0.00	17.66 -0.06 0.00	16.67 -0.03 0.00	18.34 -0.04 0.00	20.16 0.24 0.00	22.44 0.42 0.00	22.32 0.46 0.00	25.59 0.75 0.00	31.43 0.99 0.00	33.34 0.78 0.00	26.99 0.65 0.00	33.60 0.25 0.00	20.89 -0.18 0.00	35.03 -0.13 0.00	41.76 -0.14 0.00	50.40 0.79 0.00	68.59 0.41 0.00	48.91 -0.28 0.00	65.78 -0.70 0.00	44.11 -0.92 0.00	36.62 -0.64 0.00	33.12 0.07 0.00	27.89 0.08 0.00
INDECK___OSWEGO 23783	19.37 -0.48 0.00	18.15 -0.48 0.00	17.27 -0.45 0.00	16.28 -0.42 0.00	17.91 -0.47 0.00	19.46 -0.46 0.00	21.51 -0.52 0.00	21.34 -0.51 0.00	24.34 -0.57 -0.07	30.35 -0.71 -0.63	32.71 -0.82 -0.98	25.63 -0.72 0.00	32.71 -1.03 -0.39	20.65 -0.66 -0.24	36.98 -1.07 -2.90	47.55 -1.26 -6.91	59.73 -1.16 -11.28	83.03 -1.40 -16.25	60.99 -1.05 -12.84	82.92 -1.47 -17.91	54.88 -1.04 -10.88	43.75 -0.87 -7.37	37.70 -0.81 -5.46	30.19 -0.62 -3.00

INDECK___YERKES 23781	19.61 -0.25 0.00	18.41 -0.21 0.00	17.62 -0.10 0.00	16.63 -0.07 0.00	18.31 -0.07 0.00	20.16 0.24 0.00	22.35 0.32 0.00	22.06 0.20 0.00	25.21 0.37 0.00	30.89 0.45 0.00	32.89 0.32 0.00	26.75 0.40 0.00	33.11 -0.24 0.00	20.56 -0.52 0.00	34.39 -0.77 0.00	41.13 -0.78 0.00	49.92 0.31 0.00	68.55 0.37 0.00	49.36 0.16 0.00	66.42 -0.06 0.00	44.40 -0.63 0.00	36.72 -0.54 0.00	33.06 0.01 0.00	27.72 -0.09 0.00
INDIAN POINT_GT_1 24139	21.04 1.19 0.00	19.77 1.14 0.00	18.79 1.07 0.00	17.68 0.98 0.00	19.35 0.97 0.00	21.02 1.10 0.00	23.31 1.29 0.00	25.05 1.25 -1.95	38.83 1.40 -12.59	32.33 1.90 0.00	34.84 2.27 0.00	38.95 2.04 -10.56	39.44 2.62 -3.47	66.71 1.73 -43.91	41.26 2.78 -3.32	45.22 3.32 0.00	54.00 4.39 0.00	74.02 5.84 0.00	52.70 3.51 0.00	70.69 4.21 0.00	47.69 2.66 0.00	39.51 2.26 0.00	35.15 2.10 0.00	30.05 1.68 -0.56
INDIAN POINT_GT_2 23659	21.04 1.19 0.00	19.77 1.14 0.00	18.79 1.07 0.00	17.68 0.98 0.00	19.35 0.97 0.00	21.02 1.10 0.00	23.31 1.29 0.00	25.05 1.25 -1.95	38.83 1.40 -12.59	32.33 1.90 0.00	34.84 2.27 0.00	38.95 2.04 -10.56	39.44 2.62 -3.47	66.71 1.73 -43.91	41.26 2.78 -3.32	45.22 3.32 0.00	54.00 4.39 0.00	74.02 5.84 0.00	52.70 3.51 0.00	70.69 4.21 0.00	47.69 2.66 0.00	39.51 2.26 0.00	35.15 2.10 0.00	30.05 1.68 -0.56
INDIAN POINT_GT_3 24019	21.04 1.19 0.00	19.77 1.14 0.00	18.79 1.07 0.00	17.68 0.98 0.00	19.35 0.97 0.00	21.02 1.10 0.00	23.31 1.29 0.00	25.05 1.25 -1.95	38.83 1.40 -12.59	32.33 1.90 0.00	34.84 2.27 0.00	38.95 2.04 -10.56	39.44 2.62 -3.47	66.71 1.73 -43.91	41.26 2.78 -3.32	45.22 3.32 0.00	54.00 4.39 0.00	74.02 5.84 0.00	52.70 3.51 0.00	70.69 4.21 0.00	47.69 2.66 0.00	39.51 2.26 0.00	35.15 2.10 0.00	30.05 1.68 -0.56
INDIAN POINT___2 23530	21.01 1.16 0.00	19.74 1.11 0.00	18.76 1.04 0.00	17.65 0.94 0.00	19.31 0.93 0.00	20.98 1.06 0.00	23.27 1.24 0.00	25.64 1.20 -2.59	42.94 1.35 -16.75	32.27 1.83 0.00	34.76 2.20 0.00	42.38 1.98 -14.04	40.50 2.54 -4.62	81.15 1.67 -58.40	42.27 2.70 -4.41	45.12 3.21 0.00	53.89 4.28 0.00	73.89 5.71 0.00	52.59 3.39 0.00	70.54 4.06 0.00	47.59 2.56 0.00	39.43 2.18 0.00	35.08 2.04 0.00	30.18 1.62 -0.75
INDIAN POINT___3 23531	21.01 1.16 0.00	19.74 1.11 0.00	18.77 1.04 0.00	17.66 0.95 0.00	19.32 0.94 0.00	20.99 1.07 0.00	23.28 1.25 0.00	25.05 1.20 -1.99	39.08 1.35 -12.90	32.26 1.82 0.00	34.75 2.18 0.00	39.13 1.96 -10.82	39.43 2.52 -3.56	67.72 1.66 -44.98	41.23 2.67 -3.40	45.08 3.18 0.00	53.83 4.22 0.00	73.82 5.64 0.00	52.56 3.37 0.00	70.52 4.04 0.00	47.59 2.55 0.00	39.42 2.17 0.00	35.07 2.03 0.00	30.00 1.62 -0.57
INGHAM_C_115KV_TB7 356103	20.04 0.18 0.00	18.69 0.06 0.00	17.75 0.03 0.00	16.69 -0.01 0.00	18.29 -0.09 0.00	19.94 0.02 0.00	22.07 0.05 0.00	21.85 0.00 0.00	24.73 -0.10 0.00	30.35 -0.09 0.00	32.54 -0.02 0.00	26.51 0.16 0.00	33.74 0.40 0.00	21.35 0.28 0.00	35.50 0.34 0.00	42.32 0.41 0.00	50.29 0.68 0.00	69.42 1.24 0.00	50.27 1.07 0.00	68.01 1.53 0.00	45.94 0.90 0.00	38.00 0.75 0.00	33.52 0.47 0.00	28.00 0.19 0.00
IP CORINTH___1 23988	20.83 0.97 0.00	19.60 0.97 0.00	18.62 0.90 0.00	17.44 0.73 0.00	19.14 0.76 0.00	20.72 0.81 0.00	22.96 0.93 0.00	23.07 0.84 -0.38	28.30 0.99 -2.48	31.82 1.38 0.00	34.22 1.66 0.00	30.01 1.58 -2.08	36.19 2.16 -0.68	31.00 1.29 -8.63	37.92 2.11 -0.65	44.74 2.84 0.00	53.09 3.48 0.00	72.99 4.81 0.00	52.81 3.61 0.00	71.58 5.10 0.00	48.42 3.39 0.00	39.84 2.59 0.00	35.06 2.01 0.00	29.46 1.55 -0.11
IP___TICONDEROGA 23804	21.97 2.12 0.00	20.62 2.00 0.00	19.59 1.87 0.00	18.15 1.45 0.00	19.92 1.54 0.00	21.63 1.71 0.00	24.07 2.05 0.00	24.01 1.78 -0.38	29.45 2.12 -2.48	33.30 2.86 0.00	36.01 3.45 0.00	31.42 2.99 -2.08	38.19 4.16 -0.68	32.10 2.37 -8.66	39.78 3.97 -0.65	47.29 5.38 0.00	55.83 6.22 0.00	77.11 8.93 0.00	56.22 7.02 0.00	76.84 10.36 0.00	51.86 6.83 0.00	42.39 5.13 0.00	37.09 4.04 0.00	31.25 3.33 -0.11
ISLIP_RES_REC 323679	21.40 1.54 0.00	20.29 1.66 0.00	19.42 1.69 0.00	18.40 1.70 0.00	20.10 1.72 0.00	21.80 1.88 0.00	24.38 2.36 0.00	25.86 2.34 -1.66	38.31 2.60 -10.88	34.03 3.40 -0.19	38.80 3.77 -2.47	41.60 3.26 -11.99	42.78 4.32 -5.12	95.58 2.80 -71.70	77.48 4.46 -37.86	46.87 4.97 0.00	56.00 6.39 0.00	76.83 8.64 0.00	54.24 5.04 0.00	72.43 5.95 0.00	48.60 3.57 0.00	41.91 3.21 -1.45	36.12 3.08 0.00	30.82 2.53 -0.48
JAMAICA__27_KV_LOAD 355505	21.39 1.53 0.00	20.09 1.47 0.00	19.09 1.37 0.00	17.97 1.27 0.00	19.66 1.28 0.00	21.32 1.40 0.00	23.70 1.68 0.00	25.18 1.66 -1.67	37.52 1.85 -10.83	32.92 2.49 0.00	35.39 2.83 0.00	38.00 2.57 -9.08	39.61 3.28 -2.99	61.01 2.19 -37.75	41.55 3.53 -2.85	46.16 4.26 0.00	55.15 5.55 0.00	75.56 7.38 0.00	53.73 4.53 0.00	71.93 5.45 0.00	48.50 3.46 0.00	40.20 2.95 0.00	35.95 2.90 0.00	30.60 2.31 -0.48
JANIS___SOLAR 323808	20.81 0.96 0.00	19.35 0.72 0.00	18.39 0.67 0.00	17.33 0.63 0.00	19.05 0.66 0.00	20.82 0.90 0.00	23.13 1.10 0.00	23.00 1.15 0.00	26.20 1.35 -0.01	32.35 1.78 -0.13	34.44 1.68 -0.19	27.64 1.29 0.00	34.91 1.49 -0.08	22.05 0.92 -0.05	37.33 1.59 -0.58	45.34 2.05 -1.39	55.04 3.17 -2.26	76.21 4.75 -3.29	55.36 3.57 -2.60	75.15 5.05 -3.62	50.51 3.29 -2.18	41.33 2.60 -1.48	36.26 2.11 -1.10	29.89 1.48 -0.60
JARVIS____ 23743	19.88 0.02 0.00	18.64 0.02 0.00	17.74 0.02 0.00	16.71 0.01 0.00	18.38 0.00 0.00	19.94 0.02 0.00	22.03 0.01 0.00	21.85 0.00 0.00	24.84 0.00 0.00	30.45 0.01 0.00	32.60 0.03 0.00	26.40 0.05 0.00	33.42 0.07 0.00	21.12 0.04 0.00	35.23 0.07 0.00	41.95 0.05 0.00	49.78 0.17 0.00	68.53 0.34 0.00	49.40 0.20 0.00	66.74 0.26 0.00	45.18 0.14 0.00	37.40 0.15 0.00	33.15 0.11 0.00	27.86 0.05 0.00
JENNISON___1 23625	20.94 1.08 0.00	19.48 0.85 0.00	18.53 0.81 0.00	17.45 0.75 0.00	19.16 0.78 0.00	20.94 1.02 0.00	23.26 1.23 0.00	23.15 1.29 0.00	26.41 1.57 -0.01	32.54 2.01 -0.09	34.85 2.15 -0.14	28.13 1.78 0.00	35.60 2.20 -0.06	22.48 1.37 -0.04	37.92 2.34 -0.42	45.68 2.78 -0.99	55.15 3.92 -1.62	75.98 5.46 -2.35	54.85 3.80 -1.85	74.26 5.20 -2.58	49.95 3.38 -1.54	40.97 2.68 -1.04	36.04 2.22 -0.77	29.83 1.60 -0.42
JENNISON___2 23626	20.94 1.08 0.00	19.48 0.85 0.00	18.53 0.81 0.00	17.45 0.75 0.00	19.16 0.78 0.00	20.94 1.02 0.00	23.26 1.23 0.00	23.15 1.29 0.00	26.41 1.57 -0.01	32.54 2.01 -0.09	34.85 2.15 -0.14	28.13 1.78 0.00	35.60 2.20 -0.06	22.48 1.37 -0.04	37.92 2.34 -0.42	45.68 2.78 -0.99	55.15 3.92 -1.62	75.98 5.46 -2.35	54.85 3.80 -1.85	74.26 5.20 -2.58	49.95 3.38 -1.54	40.97 2.68 -1.04	36.04 2.22 -0.77	29.83 1.60 -0.42

JERICO_RISE_WT_PWR 323719	19.92 0.06 0.00	18.61 -0.01 0.00	17.54 -0.18 0.00	16.55 -0.16 0.00	18.18 -0.20 0.00	19.69 -0.22 0.00	21.82 -0.21 0.00	21.85 0.00 0.00	24.80 -0.03 0.00	30.23 -0.20 0.00	31.76 -0.81 0.00	25.26 -1.09 0.00	32.41 -0.94 0.00	20.80 -0.27 0.00	34.82 -0.35 0.00	41.58 -0.32 0.00	48.97 -0.64 0.00	67.18 -1.00 0.00	49.20 0.00 0.00	67.23 0.75 0.00	45.33 0.30 0.00	37.38 0.13 0.00	33.01 -0.04 0.00	28.13 0.32 0.00
KATONAH__115KV_46KV_TB4 355592	21.21 1.36 0.00	19.92 1.30 0.00	18.93 1.21 0.00	17.83 1.13 0.00	19.51 1.13 0.00	21.19 1.27 0.00	23.52 1.50 0.00	24.38 1.47 -1.06	33.39 1.67 -6.88	32.68 2.24 0.00	35.22 2.65 0.00	34.50 2.38 -5.77	38.32 3.07 -1.90	47.11 2.03 -24.00	40.27 3.30 -1.81	45.84 3.93 0.00	54.69 5.08 0.00	74.95 6.77 0.00	53.38 4.18 0.00	71.60 5.12 0.00	48.27 3.24 0.00	39.96 2.70 0.00	35.51 2.47 0.00	30.08 1.96 -0.31
KCE_NY_1 323755	20.99 1.14 0.00	19.74 1.11 0.00	18.77 1.04 0.00	17.63 0.93 0.00	19.35 0.97 0.00	20.98 1.06 0.00	23.21 1.19 0.00	23.36 1.13 -0.39	28.60 1.28 -2.49	32.07 1.63 0.00	34.44 1.87 0.00	30.13 1.69 -2.09	36.27 2.24 -0.69	31.17 1.41 -8.69	38.07 2.25 -0.66	44.74 2.84 0.00	53.13 3.51 0.00	73.03 4.85 0.00	52.72 3.52 0.00	71.24 4.76 0.00	48.24 3.21 0.00	39.80 2.55 0.00	35.13 2.08 0.00	29.56 1.64 -0.11
KCE_NY_6_ESR 323823	19.61 -0.25 0.00	18.40 -0.23 0.00	17.59 -0.13 0.00	16.63 -0.07 0.00	18.33 -0.05 0.00	20.17 0.25 0.00	22.37 0.35 0.00	22.13 0.28 0.00	25.35 0.51 0.00	31.07 0.63 0.00	33.09 0.53 0.00	26.95 0.60 0.00	33.50 0.15 0.00	20.87 -0.20 0.00	34.94 -0.22 0.00	41.78 -0.13 0.00	50.70 1.09 0.00	69.57 1.39 0.00	50.00 0.80 0.00	67.33 0.86 0.00	45.04 0.00 0.00	37.26 0.00 0.00	33.42 0.37 0.00	27.95 0.14 0.00
KEDC_PORT_JEFF_GT2 24210	21.23 1.37 0.00	20.11 1.48 0.00	19.24 1.52 0.00	18.24 1.54 0.00	19.92 1.55 0.00	21.63 1.71 0.00	24.18 2.15 0.00	25.63 2.12 -1.66	38.03 2.31 -10.88	33.63 3.01 -0.19	38.37 3.34 -2.47	41.23 2.89 -11.99	42.37 3.82 -5.20	101.61 2.48 -78.05	84.45 3.86 -45.43	45.95 4.05 0.00	54.86 5.25 0.00	75.24 7.05 0.00	53.14 3.94 0.00	70.98 4.50 0.00	47.68 2.65 0.00	41.08 2.53 -1.30	35.72 2.67 0.00	30.51 2.22 -0.48
KEDC_PORT_JEFF_GT3 24211	21.23 1.37 0.00	20.11 1.48 0.00	19.24 1.52 0.00	18.24 1.54 0.00	19.92 1.55 0.00	21.63 1.71 0.00	24.18 2.15 0.00	25.63 2.12 -1.66	38.03 2.31 -10.88	33.63 3.01 -0.19	38.37 3.34 -2.47	41.23 2.89 -11.99	42.37 3.82 -5.20	101.61 2.48 -78.05	84.45 3.86 -45.43	45.95 4.05 0.00	54.86 5.25 0.00	75.24 7.05 0.00	53.14 3.94 0.00	70.98 4.50 0.00	47.68 2.65 0.00	41.08 2.53 -1.30	35.72 2.67 0.00	30.51 2.22 -0.48
KEDC_GLWD_GT4 24219	21.30 1.44 0.00	20.05 1.42 0.00	19.09 1.37 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.77 0.00	25.24 1.73 -1.66	37.66 1.94 -10.88	33.19 2.57 -0.19	38.10 3.06 -2.47	41.03 2.69 -11.99	41.44 3.35 -4.75	67.50 2.18 -44.25	43.75 3.48 -5.11	45.93 4.02 0.00	54.82 5.21 0.00	75.18 7.00 0.00	53.38 4.19 0.00	71.49 5.01 0.00	48.15 3.12 0.00	48.65 2.71 -8.68	35.57 2.52 0.00	30.49 2.20 -0.48
KEDC_GLWD_GT5 24220	21.30 1.44 0.00	20.05 1.42 0.00	19.09 1.37 0.00	18.00 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.79 1.77 0.00	25.24 1.73 -1.66	37.66 1.94 -10.88	33.19 2.57 -0.19	38.10 3.06 -2.47	41.03 2.69 -11.99	41.44 3.35 -4.75	67.50 2.18 -44.25	43.75 3.48 -5.11	45.93 4.02 0.00	54.82 5.21 0.00	75.18 7.00 0.00	53.38 4.19 0.00	71.49 5.01 0.00	48.15 3.12 0.00	48.65 2.71 -8.68	35.57 2.52 0.00	30.49 2.20 -0.48
KENSICO____ 23655	21.12 1.27 0.00	19.84 1.21 0.00	18.86 1.14 0.00	17.75 1.05 0.00	19.42 1.04 0.00	21.09 1.17 0.00	23.41 1.38 0.00	24.98 1.35 -1.78	37.85 1.51 -11.51	32.48 2.04 0.00	34.99 2.43 0.00	38.17 2.17 -9.65	39.31 2.79 -3.17	63.03 1.84 -40.11	41.16 2.96 -3.03	45.43 3.52 0.00	54.23 4.62 0.00	74.34 6.16 0.00	52.91 3.71 0.00	70.94 4.47 0.00	47.86 2.82 0.00	39.64 2.39 0.00	35.29 2.24 0.00	30.12 1.80 -0.51
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.33 1.47 0.00	19.89 1.26 0.00	18.88 1.16 0.00	17.76 1.05 0.00	19.44 1.06 0.00	21.22 1.30 0.00	23.52 1.50 0.00	23.34 1.49 0.00	26.54 1.70 0.00	32.67 2.23 0.00	35.23 2.66 0.00	28.71 2.36 0.00	36.51 3.16 0.00	23.06 1.98 0.00	38.10 2.94 0.00	45.38 3.48 0.00	54.38 4.77 0.00	74.69 6.51 0.00	53.27 4.08 0.00	71.45 4.97 0.00	48.12 3.09 0.00	39.83 2.58 0.00	35.58 2.53 0.00	29.71 1.89 0.00
KIAC_JFK_GT1 23816	21.30 1.45 0.00	20.03 1.40 0.00	19.04 1.31 0.00	17.92 1.22 0.00	19.60 1.22 0.00	21.24 1.32 0.00	23.61 1.59 0.00	25.09 1.57 -1.67	37.41 1.75 -10.83	32.80 2.36 0.00	35.25 2.69 0.00	37.88 2.45 -9.08	39.46 3.13 -2.99	60.92 2.10 -37.75	41.39 3.38 -2.85	45.97 4.07 0.00	54.92 5.31 0.00	75.21 7.02 0.00	53.48 4.28 0.00	71.61 5.13 0.00	48.28 3.24 0.00	40.02 2.76 0.00	35.78 2.73 0.00	30.47 2.18 -0.48
KIAC_JFK_GT2 23817	21.30 1.45 0.00	20.03 1.40 0.00	19.04 1.31 0.00	17.92 1.22 0.00	19.60 1.22 0.00	21.24 1.32 0.00	23.61 1.59 0.00	25.09 1.57 -1.67	37.41 1.75 -10.83	32.80 2.36 0.00	35.25 2.69 0.00	37.88 2.45 -9.08	39.46 3.13 -2.99	60.92 2.10 -37.75	41.39 3.38 -2.85	45.97 4.07 0.00	54.92 5.31 0.00	75.21 7.02 0.00	53.48 4.28 0.00	71.61 5.13 0.00	48.28 3.24 0.00	40.02 2.76 0.00	35.78 2.73 0.00	30.47 2.18 -0.48
KIAC_JFK____ 323774	21.30 1.45 0.00	20.03 1.40 0.00	19.04 1.32 0.00	17.92 1.22 0.00	19.60 1.22 0.00	21.24 1.32 0.00	23.61 1.58 0.00	25.09 1.57 -1.67	37.41 1.75 -10.83	32.80 2.36 0.00	35.25 2.69 0.00	37.88 2.45 -9.08	39.46 3.13 -2.99	60.92 2.10 -37.75	41.39 3.38 -2.85	45.97 4.06 0.00	54.92 5.31 0.00	75.22 7.04 0.00	53.48 4.29 0.00	71.60 5.12 0.00	48.27 3.24 0.00	40.02 2.76 0.00	35.78 2.73 0.00	30.48 2.18 -0.48
KINTIGH____ 23543	19.40 -0.45 0.00	18.23 -0.39 0.00	17.44 -0.29 0.00	16.44 -0.26 0.00	18.09 -0.29 0.00	19.85 -0.06 0.00	21.98 -0.04 0.00	21.73 -0.12 0.00	24.80 -0.04 0.00	30.35 -0.08 0.00	32.33 -0.24 0.00	26.26 -0.09 0.00	32.70 -0.65 0.00	20.41 -0.66 0.00	34.14 -1.02 0.00	40.85 -1.05 0.00	49.41 -0.20 0.00	67.90 -0.28 0.00	48.80 -0.39 0.00	65.61 -0.87 0.00	44.02 -1.02 0.00	36.39 -0.86 0.00	32.63 -0.42 0.00	27.35 -0.46 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.23 0.37 0.00	18.88 0.25 0.00	17.78 0.06 0.00	16.76 0.05 0.00	18.40 0.02 0.00	19.97 0.05 0.00	22.18 0.16 0.00	22.41 0.56 0.00	25.47 0.64 0.00	31.06 0.63 0.00	32.63 0.07 0.00	25.90 -0.44 0.00	33.26 -0.08 0.00	21.38 0.30 0.00	35.76 0.59 0.00	42.81 0.91 0.00	50.68 1.07 0.00	69.64 1.46 0.00	51.02 1.82 0.00	69.77 3.29 0.00	47.06 2.03 0.00	38.76 1.51 0.00	34.04 0.99 0.00	29.00 1.19 0.00

LACHUTE___HYDRO 323717	21.97 2.12 0.00	20.62 2.00 0.00	19.59 1.87 0.00	18.15 1.45 0.00	19.92 1.54 0.00	21.63 1.71 0.00	24.07 2.05 0.00	24.01 1.77 -0.38	29.45 2.12 -2.48	33.29 2.86 0.00	36.01 3.45 0.00	31.42 2.99 -2.08	38.19 4.16 -0.68	32.10 2.37 -8.66	39.78 3.97 -0.65	47.29 5.38 0.00	55.83 6.22 0.00	77.12 8.93 0.00	56.22 7.02 0.00	76.84 10.36 0.00	51.86 6.83 0.00	42.38 5.13 0.00	37.09 4.04 0.00	31.25 3.33 -0.11
LAWRNCAV_115KV_TB1 80681	19.42 -0.44 0.00	18.04 -0.58 0.00	17.14 -0.59 0.00	16.14 -0.56 0.00	17.84 -0.54 0.00	19.28 -0.64 0.00	21.31 -0.72 0.00	21.22 -0.63 0.00	24.12 -0.73 -0.01	29.53 -0.98 -0.07	31.37 -1.30 -0.10	25.04 -1.31 0.00	31.95 -1.44 -0.04	20.24 -0.86 -0.03	34.13 -1.34 -0.31	40.99 -1.64 -0.73	48.62 -2.18 -1.19	66.69 -2.67 -1.18	48.55 -1.58 -0.93	65.97 -1.76 -1.25	44.83 -0.97 -0.76	36.90 -0.87 -0.51	32.53 -0.90 -0.38	27.35 -0.67 -0.21
LEDERLE___ 23769	21.11 1.26 0.00	19.81 1.18 0.00	18.82 1.10 0.00	17.70 1.00 0.00	19.37 0.99 0.00	21.07 1.15 0.00	23.36 1.34 0.00	20.96 1.29 2.18	12.18 1.47 14.12	32.43 1.99 0.00	34.94 2.38 0.00	16.64 2.13 11.84	32.19 2.74 3.89	-26.36 1.80 49.24	34.39 2.94 3.72	45.42 3.52 0.00	54.30 4.69 0.00	74.46 6.28 0.00	52.98 3.78 0.00	71.05 4.56 0.00	47.94 2.90 0.00	39.69 2.44 0.00	35.28 2.23 0.00	28.94 1.76 0.63
LIGHTHSE_115KV_TB6 355974	19.44 -0.42 0.00	18.11 -0.52 0.00	17.22 -0.50 0.00	16.24 -0.46 0.00	17.91 -0.47 0.00	19.42 -0.49 0.00	21.48 -0.54 0.00	21.35 -0.50 0.00	24.39 -0.48 -0.04	30.26 -0.54 -0.36	32.36 -0.76 -0.55	25.65 -0.70 0.00	32.55 -1.01 -0.22	20.57 -0.64 -0.14	35.92 -0.89 -1.64	44.62 -1.21 -3.93	55.05 -0.97 -6.40	76.69 -0.37 -8.88	56.14 -0.07 -7.02	76.30 0.04 -9.79	51.14 0.16 -5.95	41.48 0.20 -4.02	36.08 0.05 -2.98	29.35 -0.09 -1.64
LINDEN COGEN___ 23786	21.13 1.28 0.00	19.82 1.19 0.00	18.03 1.12 0.81	17.75 1.04 0.00	19.41 1.02 0.00	21.09 1.17 0.00	23.43 1.40 0.00	24.88 1.36 -1.67	30.74 1.53 -4.38	32.52 2.09 0.00	35.09 2.52 0.00	35.11 2.25 -6.50	36.38 2.84 -0.19	51.27 1.95 -28.25	41.10 3.08 -2.85	45.58 3.67 0.00	54.46 4.85 0.00	74.59 6.41 0.00	53.03 3.83 0.00	70.98 4.50 0.00	47.62 2.76 0.17	39.57 2.34 0.03	34.38 2.28 0.95	30.12 1.87 -0.44
LINDHRST_69_KV_BK1 356055	21.45 1.59 0.00	20.25 1.63 0.00	19.34 1.62 0.00	18.31 1.60 0.00	20.00 1.62 0.00	21.76 1.84 0.00	24.27 2.25 0.00	25.73 2.22 -1.66	38.19 2.48 -10.88	33.79 3.16 -0.19	38.67 3.63 -2.47	41.46 3.12 -11.99	42.19 4.06 -4.78	70.42 2.62 -46.73	47.39 4.16 -8.07	46.63 4.73 0.00	55.63 6.02 0.00	76.42 8.24 0.00	54.10 4.90 0.00	72.39 5.91 0.00	48.67 3.63 0.00	44.44 3.30 -3.89	36.19 3.14 0.00	30.86 2.57 -0.48
LIPA_MISC_IPP 23656	21.18 1.33 0.00	20.07 1.44 0.00	19.21 1.48 0.00	18.20 1.50 0.00	19.88 1.50 0.00	21.60 1.68 0.00	24.17 2.15 0.00	25.60 2.09 -1.66	37.98 2.27 -10.88	33.62 2.99 -0.19	38.26 3.22 -2.47	41.15 2.81 -11.99	42.22 3.73 -5.14	96.44 2.44 -72.92	78.32 3.85 -39.31	46.10 4.20 0.00	55.08 5.47 0.00	75.60 7.42 0.00	53.43 4.23 0.00	71.48 5.00 0.00	47.97 2.94 0.00	41.18 2.70 -1.23	35.66 2.61 0.00	30.44 2.15 -0.48
LISF___SOLAR 323691	21.24 1.38 0.00	20.10 1.47 0.00	19.24 1.51 0.00	18.23 1.52 0.00	19.91 1.53 0.00	21.64 1.72 0.00	24.23 2.21 0.00	25.66 2.16 -1.66	38.06 2.34 -10.88	33.70 3.07 -0.19	38.34 3.31 -2.47	41.20 2.86 -11.99	42.31 3.82 -5.14	96.83 2.50 -73.26	78.82 3.94 -39.71	46.22 4.31 0.00	55.25 5.64 0.00	75.87 7.68 0.00	53.62 4.42 0.00	71.74 5.26 0.00	48.15 3.11 0.00	41.34 2.83 -1.26	35.76 2.71 0.00	30.53 2.24 -0.48
LITTLE FALLS___HYD 24013	20.04 0.18 0.00	18.69 0.06 0.00	17.75 0.03 0.00	16.69 -0.01 0.00	18.29 -0.09 0.00	19.94 0.02 0.00	22.07 0.05 0.00	21.85 0.00 0.00	24.73 -0.10 0.00	30.35 -0.09 0.00	32.54 -0.02 0.00	26.51 0.16 0.00	33.74 0.40 0.00	21.35 0.28 0.00	35.50 0.34 0.00	42.32 0.41 0.00	50.29 0.68 0.00	69.42 1.24 0.00	50.27 1.07 0.00	68.01 1.53 0.00	45.94 0.90 0.00	38.00 0.75 0.00	33.52 0.47 0.00	28.00 0.19 0.00
LITTLRIV_115KV_TB1 356100	19.68 -0.18 0.00	18.24 -0.39 0.00	17.32 -0.41 0.00	16.31 -0.39 0.00	18.04 -0.35 0.00	19.54 -0.38 0.00	21.61 -0.41 0.00	21.54 -0.31 0.00	24.47 -0.38 -0.01	29.95 -0.57 -0.07	31.84 -0.83 -0.11	25.42 -0.93 0.00	32.42 -0.97 -0.04	20.54 -0.57 -0.03	34.66 -0.83 -0.33	41.64 -1.05 -0.78	49.36 -1.52 -1.28	67.65 -1.79 -1.27	49.28 -0.91 -0.99	67.05 -0.77 -1.34	45.56 -0.29 -0.82	37.49 -0.32 -0.55	33.00 -0.46 -0.41	27.72 -0.31 -0.22
LI_NEWBRDGE___DRP 323616	21.09 1.24 0.00	19.92 1.29 0.00	19.01 1.28 0.00	17.96 1.26 0.00	19.63 1.25 0.00	21.33 1.42 0.00	23.75 1.72 0.00	25.18 1.67 -1.66	37.53 1.81 -10.88	32.99 2.36 -0.19	37.82 2.79 -2.47	40.75 2.42 -11.99	41.24 3.15 -4.75	67.42 2.09 -44.25	43.57 3.31 -5.11	45.57 3.67 0.00	54.35 4.74 0.00	74.62 6.44 0.00	52.89 3.69 0.00	70.89 4.41 0.00	47.72 2.69 0.00	39.54 2.48 0.19	35.42 2.37 0.00	30.25 1.96 -0.48
LOCKPORT_115KV_TB60_63_64 80432	19.43 -0.42 0.00	18.26 -0.37 0.00	17.47 -0.25 0.00	16.48 -0.22 0.00	18.15 -0.23 0.00	19.96 0.04 0.00	22.13 0.10 0.00	21.83 -0.03 0.00	24.92 0.08 0.00	30.51 0.07 0.00	32.44 -0.12 0.00	26.40 0.05 0.00	32.72 -0.62 0.00	20.39 -0.69 0.00	34.10 -1.07 0.00	40.83 -1.08 0.00	49.56 -0.04 0.00	68.15 -0.03 0.00	49.14 -0.06 0.00	66.06 -0.42 0.00	44.18 -0.86 0.00	36.54 -0.72 0.00	32.85 -0.20 0.00	27.49 -0.32 0.00
LOCKPORT___CC1 323769	19.41 -0.45 0.00	18.24 -0.39 0.00	17.46 -0.27 0.00	16.48 -0.23 0.00	18.15 -0.23 0.00	19.96 0.04 0.00	22.12 0.10 0.00	21.82 -0.03 0.00	24.91 0.08 0.00	30.49 0.05 0.00	32.43 -0.14 0.00	26.40 0.05 0.00	32.72 -0.62 0.00	20.38 -0.69 0.00	34.08 -1.08 0.00	40.80 -1.11 0.00	49.53 -0.08 0.00	68.09 -0.09 0.00	49.07 -0.13 0.00	66.00 -0.48 0.00	44.14 -0.90 0.00	36.50 -0.75 0.00	32.81 -0.24 0.00	27.47 -0.34 0.00
LOCKPORT___CC2 323770	19.41 -0.45 0.00	18.24 -0.39 0.00	17.46 -0.27 0.00	16.48 -0.23 0.00	18.15 -0.23 0.00	19.96 0.04 0.00	22.12 0.10 0.00	21.82 -0.03 0.00	24.91 0.08 0.00	30.49 0.05 0.00	32.43 -0.14 0.00	26.40 0.05 0.00	32.72 -0.62 0.00	20.38 -0.69 0.00	34.08 -1.08 0.00	40.80 -1.11 0.00	49.53 -0.08 0.00	68.09 -0.09 0.00	49.07 -0.13 0.00	66.00 -0.48 0.00	44.14 -0.90 0.00	36.50 -0.75 0.00	32.81 -0.24 0.00	27.47 -0.34 0.00
LOCKPORT___CC3 323771	19.41 -0.45 0.00	18.24 -0.39 0.00	17.46 -0.27 0.00	16.48 -0.23 0.00	18.15 -0.23 0.00	19.96 0.04 0.00	22.12 0.10 0.00	21.82 -0.03 0.00	24.91 0.08 0.00	30.49 0.05 0.00	32.43 -0.14 0.00	26.40 0.05 0.00	32.72 -0.62 0.00	20.38 -0.69 0.00	34.08 -1.08 0.00	40.80 -1.11 0.00	49.53 -0.08 0.00	68.09 -0.09 0.00	49.07 -0.13 0.00	66.00 -0.48 0.00	44.14 -0.90 0.00	36.50 -0.75 0.00	32.81 -0.24 0.00	27.47 -0.34 0.00

LONG_LAKE_PHOENIX 24014	19.47 -0.39 0.00	18.25 -0.38 0.00	17.38 -0.34 0.00	16.37 -0.34 0.00	18.01 -0.37 0.00	19.60 -0.32 0.00	21.63 -0.39 0.00	21.47 -0.38 0.00	24.53 -0.36 -0.06	30.44 -0.47 -0.47	32.79 -0.51 -0.74	26.03 -0.31 0.00	33.15 -0.49 -0.30	20.93 -0.33 -0.18	36.82 -0.53 -2.19	46.57 -0.56 -5.23	57.86 -0.29 -8.54	80.21 -0.29 -12.32	58.66 -0.27 -9.73	79.63 -0.43 -13.58	52.92 -0.37 -8.25	42.49 -0.35 -5.59	36.82 -0.37 -4.14	29.71 -0.37 -2.27
LOVETT___3 23632	20.97 1.12 0.00	19.70 1.07 0.00	18.73 1.01 0.00	17.62 0.91 0.00	19.28 0.90 0.00	20.95 1.03 0.00	23.21 1.18 0.00	20.69 1.13 2.29	11.28 1.26 14.82	32.16 1.72 0.00	34.63 2.06 0.00	15.78 1.86 12.42	31.65 2.39 4.08	-29.01 1.57 51.66	33.80 2.54 3.90	44.93 3.03 0.00	53.68 4.07 0.00	73.66 5.48 0.00	52.43 3.23 0.00	70.35 3.87 0.00	47.49 2.46 0.00	39.35 2.10 0.00	34.99 1.94 0.00	28.68 1.54 0.66
LOVETT___4 23642	20.97 1.12 0.00	19.70 1.07 0.00	18.73 1.01 0.00	17.62 0.91 0.00	19.28 0.90 0.00	20.95 1.03 0.00	23.21 1.18 0.00	20.69 1.13 2.29	11.28 1.26 14.82	32.16 1.72 0.00	34.63 2.06 0.00	15.78 1.86 12.42	31.65 2.39 4.08	-29.01 1.57 51.66	33.80 2.54 3.90	44.93 3.03 0.00	53.68 4.07 0.00	73.66 5.48 0.00	52.43 3.23 0.00	70.35 3.87 0.00	47.49 2.46 0.00	39.35 2.10 0.00	34.99 1.94 0.00	28.68 1.54 0.66
LOVETT___5 23593	20.97 1.12 0.00	19.70 1.07 0.00	18.73 1.01 0.00	17.62 0.91 0.00	19.28 0.90 0.00	20.95 1.03 0.00	23.21 1.18 0.00	20.69 1.13 2.29	11.28 1.26 14.82	32.16 1.72 0.00	34.63 2.06 0.00	15.78 1.86 12.42	31.65 2.39 4.08	-29.01 1.57 51.66	33.80 2.54 3.90	44.93 3.03 0.00	53.68 4.07 0.00	73.66 5.48 0.00	52.43 3.23 0.00	70.35 3.87 0.00	47.49 2.46 0.00	39.35 2.10 0.00	34.99 1.94 0.00	28.68 1.54 0.66
LOWER_RAQUET___HYD 24057	19.33 -0.52 0.00	17.93 -0.70 0.00	17.02 -0.70 0.00	16.03 -0.67 0.00	17.73 -0.65 0.00	19.16 -0.76 0.00	21.16 -0.87 0.00	21.07 -0.78 0.00	23.95 -0.89 -0.01	29.34 -1.17 -0.08	31.15 -1.53 -0.12	24.84 -1.51 0.00	31.72 -1.67 -0.05	20.10 -1.01 -0.03	33.94 -1.56 -0.35	40.80 -1.93 -0.83	48.49 -2.48 -1.36	66.57 -2.95 -1.35	48.49 -1.76 -1.06	65.92 -1.99 -1.43	44.81 -1.09 -0.87	36.87 -0.97 -0.59	32.45 -1.03 -0.44	27.27 -0.78 -0.24
LOWER___HUDSON 24059	20.67 0.82 0.00	19.47 0.84 0.00	18.52 0.79 0.00	17.42 0.71 0.00	19.11 0.73 0.00	20.72 0.80 0.00	22.91 0.88 0.00	23.05 0.80 -0.40	28.30 0.87 -2.59	31.51 1.07 0.00	33.80 1.24 0.00	29.67 1.15 -2.17	35.58 1.52 -0.72	31.06 0.94 -9.04	37.25 1.41 -0.68	43.66 1.76 0.00	51.75 2.14 0.00	71.06 2.88 0.00	51.30 2.10 0.00	69.30 2.82 0.00	47.03 2.00 0.00	38.86 1.61 0.00	34.37 1.32 0.00	28.99 1.06 -0.11
LOWVILLE_115KV_TB2 356335	19.29 -0.57 0.00	17.69 -0.94 0.00	16.80 -0.93 0.00	15.85 -0.85 0.00	17.60 -0.79 0.00	18.92 -1.00 0.00	20.83 -1.19 0.00	20.32 -1.53 0.00	23.47 -1.39 -0.02	29.06 -1.59 -0.21	30.49 -2.40 -0.32	23.88 -2.47 0.00	30.40 -3.08 -0.13	19.32 -1.84 -0.08	33.73 -2.39 -0.96	40.71 -3.50 -2.30	50.23 -3.14 -3.75	71.61 0.17 -3.26	52.54 0.77 -2.57	71.49 1.43 -3.58	48.47 1.27 -2.17	39.74 1.01 -1.47	34.83 0.69 -1.09	28.77 0.36 -0.60
LUTHERFT_115KV_GLOB_FND_222 355753	20.97 1.12 0.00	19.72 1.10 0.00	18.75 1.03 0.00	17.62 0.92 0.00	19.34 0.96 0.00	20.96 1.05 0.00	23.20 1.18 0.00	23.35 1.11 -0.39	28.58 1.25 -2.49	32.04 1.61 0.00	34.41 1.85 0.00	30.10 1.67 -2.09	36.24 1.52 -0.69	31.14 1.37 -8.69	38.03 2.21 -0.66	44.70 2.80 0.00	53.05 3.44 0.00	72.92 4.74 0.00	52.64 3.44 0.00	71.14 4.66 0.00	48.17 3.14 0.00	39.75 2.50 0.00	35.09 2.04 0.00	29.53 1.61 -0.11
LUTHERNY_35_KV_BK2 355980	20.99 1.14 0.00	19.74 1.11 0.00	18.77 1.04 0.00	17.63 0.93 0.00	19.35 0.97 0.00	20.98 1.06 0.00	23.21 1.19 0.00	23.36 1.13 -0.39	28.60 1.28 -2.49	32.07 1.64 0.00	34.44 1.87 0.00	30.13 1.69 -2.09	36.27 2.24 -0.69	31.17 1.41 -8.69	38.07 2.25 -0.66	44.75 2.84 0.00	53.12 3.51 0.00	73.03 4.85 0.00	52.71 3.52 0.00	71.24 4.76 0.00	48.24 3.21 0.00	39.80 2.55 0.00	35.13 2.08 0.00	29.56 1.64 -0.11
LWR___OSWEGATCHIE_HYD 23850	19.21 -0.65 0.00	17.76 -0.87 0.00	16.87 -0.86 0.00	15.90 -0.81 0.00	17.61 -0.77 0.00	18.96 -0.96 0.00	20.93 -1.09 0.00	20.70 -1.15 0.00	23.69 -1.17 -0.02	29.16 -1.43 -0.14	30.80 -1.99 -0.22	24.36 -1.98 0.00	31.05 -2.39 -0.09	19.70 -1.43 -0.06	33.78 -2.05 -0.67	40.74 -2.75 -1.59	49.28 -2.92 -2.60	68.95 -1.81 -2.59	50.45 -0.79 -2.04	68.66 -0.64 -2.82	46.63 -0.11 -1.71	38.27 -0.14 -1.16	33.58 -0.33 -0.86	27.94 -0.34 -0.47
LYONS_FALL_HYD 23570	19.86 0.00 0.00	18.36 -0.27 0.00	17.44 -0.28 0.00	16.44 -0.26 0.00	18.17 -0.21 0.00	19.70 -0.22 0.00	21.88 -0.14 0.00	22.50 0.65 0.00	25.64 0.80 0.00	31.46 1.02 0.00	33.66 1.09 0.00	27.28 0.94 0.00	34.51 1.17 0.00	21.80 0.73 0.00	36.47 1.31 0.00	43.44 1.54 0.00	51.68 2.07 0.00	71.81 1.68 -1.95	52.28 1.55 -1.54	70.91 2.28 -2.15	47.99 1.65 -1.30	39.45 1.31 -0.88	34.69 0.98 -0.65	28.82 0.66 -0.36
MADISON___COUNTY_LFGE 323628	20.36 0.50 0.00	18.95 0.32 0.00	18.00 0.28 0.00	16.96 0.25 0.00	18.66 0.28 0.00	20.37 0.45 0.00	22.58 0.56 0.00	22.51 0.66 0.00	25.66 0.82 -0.01	31.56 1.06 -0.07	33.81 1.14 -0.10	27.35 1.00 0.00	34.60 1.22 -0.04	21.86 0.76 -0.03	36.85 1.39 -0.30	44.23 1.61 -0.72	52.99 2.21 -1.17	73.22 3.07 -1.96	53.02 2.28 -1.55	71.77 3.12 -2.17	48.42 2.07 -1.32	39.78 1.63 -0.89	34.99 1.29 -0.66	29.08 0.90 -0.36
MALONE___115KV_TB1 356076	19.99 0.14 0.00	18.62 -0.01 0.00	17.57 -0.15 0.00	16.56 -0.14 0.00	18.23 -0.15 0.00	19.76 -0.16 0.00	21.88 -0.14 0.00	21.92 0.07 0.00	24.89 0.05 0.00	30.39 -0.09 -0.04	32.02 -0.61 -0.07	25.49 -0.85 0.00	32.68 -0.69 -0.03	20.89 -0.20 -0.02	35.14 -0.21 -0.19	42.19 -0.17 -0.46	49.94 -0.42 -0.75	67.65 -0.53 0.00	49.49 0.29 0.00	67.53 1.05 0.00	45.63 0.60 0.00	37.62 0.38 0.00	33.18 0.13 0.00	28.18 0.37 0.00
MAPLEWOD_115KV_TB3 80458	20.65 0.79 0.00	19.44 0.81 0.00	18.48 0.76 0.00	17.39 0.69 0.00	19.08 0.70 0.00	20.69 0.77 0.00	22.89 0.86 0.00	23.06 0.82 -0.39	28.29 0.90 -2.55	31.56 1.12 0.00	33.85 1.29 0.00	29.65 1.17 -2.14	35.60 1.55 -0.70	30.96 1.01 -8.88	37.41 1.58 -0.67	43.79 1.88 0.00	52.01 2.40 0.00	71.58 3.39 0.00	51.63 2.43 0.00	69.65 3.17 0.00	47.19 2.16 0.00	39.00 1.75 0.00	34.52 1.47 0.00	29.08 1.16 -0.11
MAPLE_RIDGE_WT_1 323574	19.47 -0.38 0.00	18.22 -0.40 0.00	17.29 -0.43 0.00	16.36 -0.35 0.00	18.04 -0.34 0.00	19.52 -0.40 0.00	21.59 -0.43 0.00	21.36 -0.49 0.00	24.40 -0.44 0.00	29.80 -0.64 0.00	31.85 -0.71 0.00	25.68 -0.67 0.00	32.58 -0.77 0.00	20.63 -0.45 0.00	34.53 -0.63 0.00	41.17 -0.73 0.00	49.16 -0.45 0.00	68.19 0.01 0.00	49.40 0.20 0.00	66.09 -0.39 0.00	44.77 -0.27 0.00	37.03 -0.22 0.00	32.82 -0.22 0.00	27.53 -0.28 0.00

MAPLE RIDGE_WT_2 323611	19.47 -0.38 0.00	18.22 -0.40 0.00	17.29 -0.43 0.00	16.36 -0.35 0.00	18.04 -0.34 0.00	19.52 -0.40 0.00	21.59 -0.43 0.00	21.36 -0.49 0.00	24.40 -0.44 0.00	29.80 -0.64 0.00	31.85 -0.71 0.00	25.68 -0.67 0.00	32.58 -0.77 0.00	20.63 -0.45 0.00	34.53 -0.63 0.00	41.17 -0.73 0.00	49.16 -0.45 0.00	68.19 0.01 0.00	49.40 0.20 0.00	66.09 -0.39 0.00	44.77 -0.27 0.00	37.03 -0.22 0.00	32.82 -0.22 0.00	27.53 -0.28 0.00
MARBLE RIVER_WT_PWR 323696	19.98 0.13 0.00	18.67 0.04 0.00	17.58 -0.14 0.00	16.58 -0.13 0.00	18.20 -0.18 0.00	19.74 -0.18 0.00	21.87 -0.15 0.00	21.82 -0.03 0.00	24.79 -0.05 0.00	30.24 -0.20 0.00	31.72 -0.84 0.00	25.21 -1.14 0.00	32.36 -0.99 0.00	20.79 -0.29 0.00	34.79 -0.37 0.00	41.56 -0.34 0.00	48.98 -0.63 0.00	67.23 -0.95 0.00	49.21 0.01 0.00	67.21 0.73 0.00	45.31 0.28 0.00	37.39 0.13 0.00	33.02 -0.03 0.00	28.12 0.31 0.00
MARSHVLE_115KV_TB1 80742	21.56 1.71 0.00	20.27 1.65 0.00	19.23 1.50 0.00	18.11 1.40 0.00	20.01 1.62 0.00	21.64 1.73 0.00	23.88 1.86 0.00	24.18 1.96 -0.37	29.61 2.36 -2.41	33.24 2.81 0.00	35.53 2.96 0.00	30.63 2.26 -2.02	36.75 2.73 -0.67	31.29 1.80 -8.41	38.77 2.97 -0.64	45.63 3.73 0.00	54.40 4.80 0.00	74.96 6.77 0.00	54.28 5.08 0.00	73.29 6.81 0.00	49.32 4.28 0.00	40.86 3.61 0.00	36.15 3.10 0.00	30.29 2.40 -0.08
MARSH_HILL_WT_PWR 323713	19.34 -0.52 0.00	18.16 -0.47 0.00	17.24 -0.49 0.00	16.42 -0.29 0.00	18.27 -0.11 0.00	20.00 0.08 0.00	22.30 0.28 0.00	22.18 0.32 0.00	25.67 0.83 -0.01	31.57 1.08 -0.05	33.55 0.90 -0.09	27.26 0.91 0.00	34.06 0.68 -0.03	21.20 0.10 -0.02	35.61 0.20 -0.25	42.78 0.28 -0.59	52.12 1.55 -0.96	71.99 2.42 -1.39	51.93 1.63 -1.10	70.15 2.14 -1.53	46.86 0.90 -0.92	38.44 0.57 -0.63	34.16 0.65 -0.46	28.47 0.41 -0.25
MCINTYRE_115KV_TB2 80467	19.92 0.06 0.00	18.51 -0.11 0.00	17.59 -0.14 0.00	16.56 -0.14 0.00	18.32 -0.06 0.00	19.83 -0.09 0.00	21.96 -0.07 0.00	21.88 0.02 0.00	24.81 -0.03 -0.01	30.36 -0.15 -0.06	32.33 -0.33 -0.10	25.84 -0.51 0.00	32.92 -0.47 -0.04	20.83 -0.27 -0.03	35.13 -0.32 -0.29	42.17 -0.43 -0.70	49.86 -0.90 -1.15	68.15 -1.17 -1.14	49.67 -0.42 -0.89	67.61 -0.07 -1.20	45.93 0.17 -0.73	37.82 0.08 -0.49	33.34 -0.08 -0.37	28.01 0.00 -0.20
MECO____69_KV_BK1 80468	22.28 2.43 0.00	20.62 1.99 0.00	19.51 1.79 0.00	18.37 1.67 0.00	20.26 1.88 0.00	22.28 2.37 0.00	24.64 2.61 0.00	24.77 2.55 -0.37	30.29 3.04 -2.41	34.01 3.57 0.00	36.22 3.65 0.00	31.18 2.81 -2.02	37.49 3.48 -0.67	31.85 2.36 -8.41	39.48 3.68 -0.64	46.74 4.84 0.00	55.94 6.33 0.00	77.59 9.41 0.00	57.00 7.80 0.00	77.06 10.59 0.00	51.88 6.85 0.00	42.83 5.57 0.00	37.76 4.71 0.00	31.54 3.64 -0.08
MENANDS__115KV_TB5 355628	20.44 0.59 0.00	19.27 0.64 0.00	18.33 0.61 0.00	17.26 0.56 0.00	18.93 0.55 0.00	20.52 0.60 0.00	22.68 0.65 0.00	22.84 0.59 -0.40	28.03 0.63 -2.57	31.20 0.76 0.00	33.45 0.89 0.00	29.33 0.83 -2.15	35.15 1.09 -0.71	30.73 0.70 -8.96	36.87 1.03 -0.68	43.14 1.24 0.00	51.17 1.56 0.00	70.38 2.20 0.00	50.77 1.58 0.00	68.50 2.02 0.00	46.45 1.42 0.00	38.41 1.16 0.00	34.03 0.99 0.00	28.73 0.81 -0.11
MG INDUSTRY__DRP 24185	20.43 0.58 0.00	19.24 0.61 0.00	18.32 0.60 0.00	17.26 0.56 0.00	18.95 0.57 0.00	20.58 0.66 0.00	22.76 0.74 0.00	22.88 0.67 -0.36	27.84 0.67 -2.34	31.18 0.74 0.00	33.32 0.75 0.00	28.63 0.32 -1.96	34.29 0.30 -0.64	29.42 0.20 -8.14	35.99 0.21 -0.61	42.15 0.24 0.00	49.91 0.30 0.00	68.66 0.48 0.00	49.59 0.39 0.00	66.98 0.51 0.00	45.48 0.44 0.00	37.63 0.38 0.00	33.54 0.49 0.00	28.70 0.79 -0.10
MID__OSWEGATCHIE_HYD 23849	19.21 -0.65 0.00	17.76 -0.87 0.00	16.87 -0.86 0.00	15.90 -0.81 0.00	17.61 -0.77 0.00	18.96 -0.96 0.00	20.93 -1.09 0.00	20.70 -1.15 0.00	23.69 -1.17 -0.02	29.16 -1.43 -0.14	30.80 -1.99 -0.22	24.36 -1.98 0.00	31.05 -2.39 -0.09	19.70 -1.43 -0.06	33.78 -2.05 -0.67	40.74 -2.75 -1.59	49.28 -2.92 -2.60	68.95 -1.81 -2.59	50.45 -0.79 -2.04	68.66 -0.64 -2.82	46.63 -0.11 -1.71	38.27 -0.14 -1.16	33.58 -0.33 -0.86	27.94 -0.34 -0.47
MID__RAQUETTE_HYD 23851	19.33 -0.52 0.00	17.93 -0.70 0.00	17.02 -0.70 0.00	16.03 -0.67 0.00	17.73 -0.65 0.00	19.15 -0.76 0.00	21.16 -0.87 0.00	21.07 -0.78 0.00	23.95 -0.89 -0.01	29.34 -1.17 -0.08	31.15 -1.53 -0.12	24.84 -1.52 0.00	31.72 -1.68 -0.05	20.10 -1.01 -0.03	33.94 -1.57 -0.35	40.80 -1.93 -0.83	48.49 -2.48 -1.36	66.57 -2.95 -1.35	48.49 -1.76 -1.06	65.92 -1.99 -1.43	44.81 -1.09 -0.87	36.88 -0.97 -0.59	32.45 -1.03 -0.44	27.27 -0.78 -0.24
MILLIKEN__1 23584	20.30 0.44 0.00	18.93 0.30 0.00	18.01 0.29 0.00	16.97 0.27 0.00	18.67 0.29 0.00	20.39 0.47 0.00	22.59 0.57 0.00	22.45 0.60 0.00	25.63 0.78 -0.02	31.58 0.97 -0.17	33.78 0.95 -0.26	27.16 0.81 0.00	34.41 0.96 -0.11	21.72 0.58 -0.07	36.93 0.98 -0.79	45.05 1.27 -1.88	54.75 2.07 -3.07	75.53 2.89 -4.45	54.77 2.06 -3.52	74.19 2.80 -4.91	49.71 1.70 -2.98	40.64 1.37 -2.01	35.70 1.16 -1.49	29.43 0.80 -0.82
MILLIKEN__2 23585	20.30 0.44 0.00	18.93 0.30 0.00	18.01 0.29 0.00	16.97 0.27 0.00	18.67 0.29 0.00	20.39 0.47 0.00	22.59 0.57 0.00	22.45 0.60 0.00	25.63 0.78 -0.02	31.58 0.97 -0.17	33.78 0.95 -0.26	27.16 0.81 0.00	34.41 0.96 -0.11	21.72 0.58 -0.07	36.93 0.98 -0.79	45.05 1.27 -1.88	54.75 2.07 -3.07	75.53 2.89 -4.45	54.77 2.06 -3.52	74.19 2.80 -4.91	49.71 1.70 -2.98	40.64 1.37 -2.01	35.70 1.16 -1.49	29.43 0.80 -0.82
MILLIKEN__DIESEL 23629	20.30 0.44 0.00	18.93 0.30 0.00	18.01 0.29 0.00	16.97 0.27 0.00	18.67 0.29 0.00	20.39 0.47 0.00	22.59 0.57 0.00	22.45 0.60 0.00	25.63 0.78 -0.02	31.58 0.97 -0.17	33.78 0.95 -0.26	27.16 0.81 0.00	34.41 0.96 -0.11	21.72 0.58 -0.07	36.93 0.98 -0.79	45.05 1.27 -1.88	54.75 2.07 -3.07	75.53 2.89 -4.45	54.77 2.06 -3.52	74.19 2.80 -4.91	49.71 1.70 -2.98	40.64 1.37 -2.01	35.70 1.16 -1.49	29.43 0.80 -0.82
MILLSEAT__LFGE 323607	19.86 0.00 0.00	18.63 0.00 0.00	17.80 0.08 0.00	16.79 0.08 0.00	18.49 0.11 0.00	20.34 0.42 0.00	22.58 0.55 0.00	22.32 0.47 0.00	25.49 0.65 0.00	31.17 0.73 0.00	33.17 0.61 0.00	26.97 0.62 0.00	33.52 0.17 0.00	20.93 -0.15 0.00	35.04 -0.13 0.00	42.01 0.10 0.00	50.96 1.35 0.00	70.25 2.07 0.00	50.67 1.48 0.00	68.14 1.66 0.00	45.58 0.55 0.00	37.67 0.42 0.00	33.74 0.69 0.00	28.18 0.37 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.07 1.21 0.00	19.80 1.17 0.00	18.82 1.09 0.00	17.71 1.00 0.00	19.38 1.00 0.00	21.04 1.13 0.00	23.35 1.32 0.00	24.99 1.28 -1.86	38.29 1.44 -12.01	32.38 1.94 0.00	34.88 2.32 0.00	38.50 2.07 -10.07	39.32 2.66 -3.31	64.71 1.76 -41.88	41.15 2.83 -3.16	45.28 3.37 0.00	54.05 4.44 0.00	74.09 5.91 0.00	52.76 3.56 0.00	70.75 4.27 0.00	47.74 2.70 0.00	39.55 2.30 0.00	35.19 2.14 0.00	30.06 1.71 -0.54

MILLWOOD_13_KV_LOAD 356217	21.13 1.28 0.00	19.85 1.22 0.00	18.87 1.15 0.00	17.76 1.06 0.00	19.44 1.06 0.00	21.11 1.19 0.00	23.42 1.40 0.00	25.07 1.36 -1.86	38.39 1.54 -12.01	32.52 2.08 0.00	35.03 2.47 0.00	38.64 2.22 -10.07	39.51 2.85 -3.31	64.83 1.88 -41.88	41.35 3.03 -3.16	45.51 3.61 0.00	54.35 4.74 0.00	74.49 6.31 0.00	53.03 3.83 0.00	71.13 4.65 0.00	47.97 2.94 0.00	39.73 2.48 0.00	35.35 2.30 0.00	30.18 1.84 -0.54
MODEL_CITY_ENERGY 24167	19.22 -0.64 0.00	18.06 -0.56 0.00	17.29 -0.43 0.00	16.31 -0.39 0.00	17.97 -0.42 0.00	19.75 -0.17 0.00	21.89 -0.13 0.00	21.56 -0.29 0.00	24.60 -0.24 0.00	30.10 -0.33 0.00	32.01 -0.55 0.00	26.05 -0.30 0.00	32.29 -1.05 0.00	20.12 -0.96 0.00	33.62 -1.54 0.00	40.24 -1.66 0.00	48.84 -0.77 0.00	67.14 -1.04 0.00	48.41 -0.79 0.00	65.11 -1.37 0.00	43.54 -1.49 0.00	36.02 -1.23 0.00	32.42 -0.63 0.00	27.14 -0.67 0.00
MODERN_LFGE_ 323580	19.22 -0.64 0.00	18.06 -0.56 0.00	17.29 -0.43 0.00	16.31 -0.39 0.00	17.97 -0.42 0.00	19.75 -0.17 0.00	21.89 -0.13 0.00	21.56 -0.29 0.00	24.60 -0.24 0.00	30.10 -0.33 0.00	32.01 -0.55 0.00	26.05 -0.30 0.00	32.29 -1.05 0.00	20.12 -0.96 0.00	33.62 -1.54 0.00	40.24 -1.66 0.00	48.84 -0.77 0.00	67.14 -1.04 0.00	48.41 -0.79 0.00	65.11 -1.37 0.00	43.54 -1.49 0.00	36.02 -1.23 0.00	32.42 -0.63 0.00	27.14 -0.67 0.00
MOHAWK_PAPER___DRP 24187	20.65 0.79 0.00	19.44 0.81 0.00	18.48 0.76 0.00	17.39 0.69 0.00	19.08 0.70 0.00	20.69 0.77 0.00	22.89 0.86 0.00	23.06 0.82 -0.39	28.29 0.90 -2.55	31.56 1.12 0.00	33.85 1.29 0.00	29.65 1.17 -2.14	35.60 1.55 -0.70	30.96 1.01 -8.88	37.41 1.58 -0.67	43.79 1.88 0.00	52.01 2.40 0.00	71.58 3.39 0.00	51.63 2.43 0.00	69.65 3.17 0.00	47.19 2.16 0.00	39.00 1.75 0.00	34.52 1.47 0.00	29.08 1.16 -0.11
MOHICAN___35_KV_115KV_LD 80490	21.03 1.18 0.00	19.78 1.14 0.00	18.79 1.06 0.00	17.58 0.88 0.00	19.30 0.92 0.00	20.92 1.00 0.00	23.18 1.15 0.00	23.28 1.05 -0.39	28.53 1.21 -2.49	32.08 1.65 0.00	34.50 1.94 0.00	30.21 1.77 -2.09	36.45 2.42 -0.69	31.20 1.46 -8.67	38.19 2.37 -0.65	45.07 3.17 0.00	53.45 3.84 0.00	73.54 5.36 0.00	53.25 4.05 0.00	72.22 5.75 0.00	48.86 3.83 0.00	40.20 2.95 0.00	35.36 2.31 0.00	29.74 1.82 -0.11
MONGAUP___HYD 23641	21.14 1.29 0.00	19.75 1.13 0.00	18.71 0.98 0.00	17.59 0.89 0.00	19.31 0.93 0.00	21.07 1.15 0.00	23.17 1.15 0.00	21.68 1.13 1.30	17.86 1.45 8.42	32.51 2.08 0.00	35.26 2.70 0.00	21.66 2.38 7.06	34.04 3.02 2.32	-6.58 1.71 29.37	35.69 2.75 2.22	44.65 2.75 0.00	53.42 3.81 0.00	72.98 4.80 0.00	52.02 2.82 0.00	69.99 3.51 0.00	47.31 2.27 0.00	38.96 1.71 0.00	34.64 1.60 0.00	28.62 1.18 0.38
MONTAUK___DIESEL 23721	22.14 2.29 0.00	20.95 2.32 0.00	20.05 2.32 0.00	18.99 2.29 0.00	20.76 2.38 0.00	22.55 2.64 0.00	25.30 3.28 0.00	26.79 3.28 -1.66	39.47 3.76 -10.88	35.51 4.88 -0.19	40.31 5.27 -2.47	42.98 4.63 -11.99	44.57 6.09 -5.14	98.15 4.01 -73.07	81.14 6.49 -39.49	48.35 6.44 0.00	58.22 8.60 0.00	79.88 11.69 0.00	56.26 7.06 0.00	75.91 9.43 0.00	50.78 5.74 0.00	43.53 5.04 -1.24	37.68 4.63 0.00	31.99 3.71 -0.48
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.50 -0.35 0.00	18.24 -0.39 0.00	17.50 -0.22 0.00	16.76 0.06 0.00	18.56 0.17 0.00	20.39 0.47 0.00	22.66 0.63 0.00	22.69 0.84 0.00	26.18 1.35 0.00	32.31 1.87 0.00	34.47 1.91 0.00	28.03 1.69 0.00	34.82 1.48 0.00	21.63 0.56 0.00	35.91 0.75 0.00	42.87 0.96 0.00	52.11 2.50 0.00	71.44 3.25 0.00	51.23 2.03 0.00	69.06 2.58 0.00	46.64 1.60 0.00	38.63 1.37 0.00	34.45 1.41 0.00	28.87 1.06 0.00
MORTIMER_115KV_TB3 55949	19.79 -0.07 0.00	18.58 -0.05 0.00	17.73 0.01 0.00	16.71 0.00 0.00	18.38 0.00 0.00	20.11 0.19 0.00	22.27 0.25 0.00	22.07 0.22 0.00	25.19 0.35 0.00	30.88 0.44 0.00	32.96 0.40 0.00	26.75 0.40 0.00	33.50 0.16 0.00	21.03 -0.04 0.00	35.21 0.05 0.00	42.14 0.24 0.00	50.79 1.18 0.00	69.90 1.72 0.00	50.33 1.13 0.00	67.64 1.16 0.00	45.43 0.40 0.00	37.53 0.27 0.00	33.43 0.38 0.00	27.97 0.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.24 1.39 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.86 1.15 0.00	19.53 1.14 0.00	21.19 1.27 0.00	23.54 1.52 0.00	25.01 1.49 -1.67	37.34 1.68 -10.82	32.70 2.26 0.00	35.25 2.69 0.00	37.81 2.39 -9.07	39.38 3.05 -2.98	60.84 2.03 -37.73	41.28 3.27 -2.85	45.78 3.88 0.00	54.68 5.07 0.00	74.92 6.73 0.00	53.26 4.06 0.00	71.38 4.90 0.00	48.10 3.07 0.00	39.86 2.61 0.00	35.54 2.49 0.00	30.31 2.02 -0.48
MUNSVILLE_WIND_PWR 323609	21.49 1.63 0.00	19.86 1.23 0.00	18.87 1.15 0.00	17.76 1.06 0.00	19.47 1.09 0.00	21.36 1.44 0.00	23.78 1.76 0.00	23.72 1.87 0.00	27.08 2.23 -0.01	33.44 2.90 -0.11	35.76 3.03 -0.17	28.75 2.40 0.00	36.39 2.97 -0.07	22.99 1.87 -0.04	38.86 3.20 -0.50	47.02 3.93 -1.19	57.07 5.52 -1.94	78.80 7.80 -2.82	57.14 5.72 -2.22	77.54 7.96 -3.10	52.12 5.23 -1.86	42.58 4.07 -1.26	37.23 3.25 -0.93	30.60 2.27 -0.51
N SALMON___HYD 24042	19.99 0.14 0.00	18.62 -0.01 0.00	17.57 -0.15 0.00	16.57 -0.14 0.00	18.23 -0.15 0.00	19.76 -0.16 0.00	21.89 -0.14 0.00	21.92 0.07 0.00	24.89 0.05 0.00	30.39 -0.09 -0.04	32.02 -0.61 -0.07	25.49 -0.86 0.00	32.68 -0.69 -0.03	20.89 -0.20 -0.02	35.14 -0.21 -0.19	42.19 -0.17 -0.46	49.94 -0.42 -0.75	67.66 -0.52 0.00	49.49 0.29 0.00	67.53 1.05 0.00	45.63 0.60 0.00	37.63 0.38 0.00	33.18 0.13 0.00	28.18 0.37 0.00
N.AKRON___115KV_KNAPP 355671	19.76 -0.09 0.00	18.54 -0.09 0.00	17.73 0.00 0.00	16.72 0.01 0.00	18.41 0.03 0.00	20.26 0.34 0.00	22.49 0.46 0.00	22.22 0.37 0.00	25.37 0.54 0.00	31.05 0.61 0.00	33.03 0.46 0.00	26.86 0.52 0.00	33.35 0.00 0.00	20.80 -0.28 0.00	34.83 -0.33 0.00	41.76 -0.14 0.00	50.66 1.06 0.00	69.77 1.59 0.00	50.34 1.14 0.00	67.66 1.18 0.00	45.26 0.22 0.00	37.40 0.15 0.00	33.54 0.49 0.00	28.04 0.23 0.00
N.BELMOR_69_KV_BK1 55787	21.33 1.48 0.00	20.13 1.50 0.00	19.18 1.46 0.00	18.12 1.42 0.00	19.81 1.43 0.00	21.54 1.62 0.00	23.98 1.96 0.00	25.42 1.91 -1.66	37.82 2.10 -10.88	33.36 2.73 -0.19	38.25 3.22 -2.47	41.14 2.80 -11.99	41.74 3.64 -4.75	67.73 2.41 -44.25	44.06 3.79 -5.11	46.15 4.25 0.00	55.04 5.43 0.00	75.60 7.42 0.00	53.60 4.40 0.00	71.81 5.33 0.00	48.40 3.37 0.00	50.15 3.04 -9.86	35.92 2.87 0.00	30.62 2.33 -0.48
N.E._GEN_SANDY PD 24062	20.51 0.91 0.25	19.56 0.93 0.00	18.55 0.87 0.04	17.51 0.80 0.00	19.18 0.79 0.00	20.79 0.87 0.00	22.99 0.97 0.00	23.33 0.88 -0.60	30.78 0.92 -5.03	30.59 1.18 1.02	33.95 1.39 0.00	30.88 1.29 -3.24	36.18 1.70 -1.13	35.62 1.07 -13.47	37.77 1.59 -1.02	43.85 1.95 0.00	52.03 2.42 0.00	69.21 3.10 2.07	53.92 2.05 -2.67	69.09 2.61 0.00	46.85 1.82 0.00	38.77 1.52 0.00	34.35 1.31 0.00	29.03 1.05 -0.17

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.02 1.16 0.00	19.74 1.11 0.00	18.76 1.03 0.00	17.64 0.94 0.00	19.31 0.93 0.00	20.98 1.06 0.00	23.26 1.23 0.00	20.78 1.18 2.24	11.65 1.32 14.51	32.24 1.81 0.00	34.74 2.17 0.00	16.14 1.96 12.17	31.86 2.52 4.00	-27.86 1.66 50.59	34.03 2.69 3.82	45.11 3.21 0.00	53.93 4.31 0.00	73.98 5.79 0.00	52.65 3.45 0.00	70.62 4.14 0.00	47.67 2.63 0.00	39.47 2.22 0.00	35.10 2.06 0.00	28.78 1.62 0.65
N. QUEENS_27_KV_LOAD 356247	21.31 1.45 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.91 1.20 0.00	19.56 1.18 0.00	21.21 1.30 0.00	23.61 1.58 0.00	25.08 1.55 -1.67	37.40 1.74 -10.82	32.76 2.33 0.00	35.32 2.76 0.00	37.87 2.45 -9.08	39.55 3.22 -2.98	61.00 2.19 -37.74	41.46 3.45 -2.85	45.97 4.06 0.00	54.91 5.30 0.00	75.16 6.98 0.00	53.38 4.18 0.00	71.50 5.02 0.00	48.19 3.16 0.00	40.01 2.76 0.00	35.77 2.72 0.00	30.52 2.23 -0.48
N. TROY___115KV_TB1 355778	20.67 0.82 0.00	19.47 0.84 0.00	18.52 0.79 0.00	17.42 0.71 0.00	19.11 0.73 0.00	20.71 0.80 0.00	22.91 0.88 0.00	23.05 0.80 -0.40	28.30 0.87 -2.59	31.51 1.07 0.00	33.80 1.24 0.00	29.67 1.14 -2.17	35.58 1.52 -0.72	31.06 0.94 -9.04	37.25 1.41 -0.68	43.66 1.76 0.00	51.76 2.15 0.00	71.05 2.87 0.00	51.30 2.10 0.00	69.30 2.82 0.00	47.03 2.00 0.00	38.86 1.61 0.00	34.37 1.32 0.00	28.98 1.06 -0.11
NARROWS_GT1_1 24228	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT1_2 24229	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT1_3 24230	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT1_4 24231	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT1_5 24232	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT1_6 24233	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT1_7 24234	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT1_8 24235	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT2_1 24236	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT2_2 24237	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT2_3 24238	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT2_4 24239	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86

NARROWS_GT2_5 24240	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT2_6 24241	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT2_7 24242	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NARROWS_GT2_8 24243	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.62 -1.67	37.48 1.82 -10.82	32.89 2.46 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.66 3.33 -2.99	61.03 2.21 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.54 4.34 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.88 0.00	35.83 2.78 0.00	30.95 2.28 -0.86
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.78 0.93 0.00	19.58 0.95 0.00	18.63 0.91 0.00	17.54 0.83 0.00	19.26 0.87 0.00	20.89 0.97 0.00	23.13 1.10 0.00	23.23 1.08 -0.30	27.88 1.12 -1.92	31.62 1.18 0.00	33.69 1.12 0.00	28.86 0.90 -1.61	35.02 1.14 -0.53	28.50 0.75 -6.68	36.81 1.14 -0.51	43.38 1.47 0.00	51.43 1.81 0.00	70.94 2.76 0.00	51.55 2.35 0.00	69.86 3.38 0.00	47.44 2.41 0.00	39.17 1.92 0.00	34.60 1.56 0.00	29.23 1.33 -0.08
NCHELSEA_115KV_TR2 355582	21.22 1.36 0.00	19.91 1.28 0.00	18.92 1.19 0.00	17.81 1.10 0.00	19.49 1.11 0.00	21.18 1.26 0.00	23.48 1.46 0.00	23.28 1.43 0.00	26.47 1.63 0.00	32.61 2.17 0.00	35.12 2.56 0.00	28.65 2.30 0.00	36.31 2.96 0.00	23.02 1.94 0.00	38.31 3.15 0.00	45.67 3.76 0.00	54.50 4.89 0.00	74.76 6.58 0.00	53.33 4.13 0.00	71.60 5.12 0.00	48.29 3.26 0.00	39.96 2.71 0.00	35.49 2.43 0.00	29.71 1.90 0.00
NEG CAPITAL___MECHNVIL 23645	21.00 1.14 0.00	19.74 1.12 0.00	18.76 1.04 0.00	17.63 0.93 0.00	19.35 0.97 0.00	20.99 1.07 0.00	23.22 1.20 0.00	23.38 1.14 -0.39	28.65 1.29 -2.53	32.09 1.65 0.00	34.48 1.91 0.00	30.19 1.73 -2.12	36.34 2.29 -0.70	31.32 1.44 -8.80	38.12 2.30 -0.67	44.84 2.94 0.00	53.15 3.54 0.00	73.03 4.85 0.00	52.72 3.52 0.00	71.23 4.75 0.00	48.23 3.20 0.00	39.79 2.54 0.00	35.12 2.07 0.00	29.55 1.63 -0.11
NEG CENTRAL_HIGH_ACRES 23767	19.50 -0.35 0.00	18.29 -0.34 0.00	17.44 -0.29 0.00	16.43 -0.28 0.00	18.08 -0.30 0.00	19.78 -0.14 0.00	21.92 -0.10 0.00	21.76 -0.09 0.00	24.87 0.02 -0.01	30.53 0.03 -0.06	32.66 0.00 -0.10	26.45 0.10 0.00	33.25 -0.14 -0.04	20.94 -0.16 -0.03	35.22 -0.23 -0.29	42.50 -0.10 -0.69	51.43 0.68 -1.13	70.86 1.04 -1.63	51.12 0.63 -1.29	68.80 0.52 -1.80	46.11 -0.01 -1.09	37.89 -0.10 -0.74	33.56 -0.04 -0.55	27.91 -0.20 -0.30
NEG CENTRAL___DRP 24199	19.95 0.10 0.00	18.63 0.00 0.00	17.74 0.01 0.00	16.73 0.02 0.00	18.43 0.05 0.00	20.14 0.22 0.00	22.33 0.31 0.00	22.20 0.35 0.00	25.40 0.54 -0.02	31.24 0.64 -0.16	33.45 0.63 -0.26	26.94 0.58 0.00	34.05 0.60 -0.10	21.46 0.32 -0.06	36.47 0.55 -0.76	44.48 0.76 -1.82	54.16 1.58 -2.97	74.70 2.22 -4.29	54.09 1.50 -3.39	73.08 1.87 -4.73	48.88 0.97 -2.87	39.95 0.76 -1.94	35.15 0.66 -1.44	29.03 0.43 -0.79
NEG CENTRAL___INDECK 23768	20.24 0.38 0.00	18.91 0.28 0.00	18.03 0.31 0.00	17.06 0.36 0.00	18.87 0.49 0.00	20.74 0.82 0.00	23.08 1.06 0.00	22.91 1.06 0.00	26.01 1.17 0.00	31.47 1.03 0.00	32.89 0.33 0.00	26.56 0.21 0.00	33.25 -0.10 0.00	20.82 -0.25 0.00	34.85 -0.31 0.00	41.63 -0.28 0.00	50.34 0.73 0.00	69.45 1.27 0.00	50.32 1.12 0.00	68.32 1.84 0.00	46.15 1.12 0.00	38.11 0.86 0.00	33.84 0.79 0.00	28.83 1.02 0.00
NEG CENTRAL___SENECA 23627	20.04 0.18 0.00	18.65 0.03 0.00	17.75 0.03 0.00	16.77 0.06 0.00	18.47 0.09 0.00	20.24 0.32 0.00	22.47 0.45 0.00	22.37 0.52 0.00	25.61 0.77 -0.01	31.44 0.92 -0.09	33.59 0.90 -0.13	27.18 0.83 0.00	34.22 0.82 -0.05	21.54 0.44 -0.03	36.34 0.79 -0.39	43.85 1.02 -0.93	53.11 1.99 -1.52	73.14 2.77 -2.18	52.80 1.88 -1.73	71.27 2.38 -2.41	47.77 1.28 -1.46	39.22 0.97 -0.99	34.67 0.89 -0.73	28.85 0.64 -0.40
NEG CENTRAL___STATE_STREET 24147	20.12 0.26 0.00	18.88 0.25 0.00	17.99 0.27 0.00	16.92 0.21 0.00	18.63 0.25 0.00	20.25 0.33 0.00	22.40 0.38 0.00	22.25 0.40 0.00	25.43 0.57 -0.03	31.32 0.65 -0.24	33.60 0.67 -0.36	26.89 0.54 0.00	34.19 0.70 -0.15	21.62 0.45 -0.09	36.91 0.66 -1.09	45.50 1.01 -2.59	55.65 1.81 -4.23	76.73 2.42 -6.13	55.77 1.73 -4.84	75.44 2.20 -6.76	50.27 1.13 -4.10	41.01 0.98 -2.78	35.93 0.82 -2.06	29.47 0.52 -1.13
NEG MILLWOOD___DRP 24198	21.29 1.44 0.00	19.98 1.35 0.00	18.99 1.26 0.00	17.87 1.17 0.00	19.57 1.19 0.00	21.26 1.34 0.00	23.59 1.56 0.00	24.02 1.55 -0.62	30.63 1.77 -4.02	32.79 2.36 0.00	35.34 2.78 0.00	32.21 2.50 -3.37	37.69 3.23 -1.11	37.21 2.13 -14.00	39.69 3.48 -1.06	46.06 4.16 0.00	54.96 5.35 0.00	75.38 7.19 0.00	53.72 4.52 0.00	72.06 5.58 0.00	48.58 3.54 0.00	40.19 2.94 0.00	35.68 2.64 0.00	30.07 2.08 -0.18
NEG NORTH_FLCN_SEA 23793	20.23 0.38 0.00	18.90 0.27 0.00	17.81 0.08 0.00	16.78 0.08 0.00	18.42 0.04 0.00	19.99 0.07 0.00	22.19 0.17 0.00	22.47 0.62 0.00	25.55 0.72 0.00	31.18 0.74 0.00	32.76 0.19 0.00	25.97 -0.38 0.00	33.37 0.02 0.00	21.44 0.36 0.00	35.84 0.68 0.00	42.95 1.04 0.00	50.83 1.22 0.00	69.80 1.62 0.00	51.10 1.91 0.00	69.89 3.42 0.00	47.14 2.10 0.00	38.81 1.56 0.00	34.07 1.02 0.00	29.06 1.25 0.00
NEG NORTH_KES_CHATEGAY 23792	19.96 0.11 0.00	18.65 0.03 0.00	17.58 -0.14 0.00	16.58 -0.12 0.00	18.21 -0.17 0.00	19.73 -0.18 0.00	21.86 -0.16 0.00	21.90 0.05 0.00	24.85 0.02 0.00	30.29 -0.15 0.00	31.81 -0.75 0.00	25.30 -1.05 0.00	32.47 -0.88 0.00	20.84 -0.24 0.00	34.87 -0.29 0.00	41.65 -0.26 0.00	49.06 -0.55 0.00	67.32 -0.86 0.00	49.30 0.11 0.00	67.39 0.91 0.00	45.46 0.43 0.00	37.49 0.24 0.00	33.09 0.04 0.00	28.20 0.39 0.00

NEG NORTH___ALICE_FALLS 23915	20.23 0.37 0.00	18.88 0.25 0.00	17.78 0.06 0.00	16.76 0.05 0.00	18.40 0.02 0.00	19.97 0.05 0.00	22.18 0.16 0.00	22.41 0.56 0.00	25.47 0.64 0.00	31.06 0.63 0.00	32.63 0.07 0.00	25.90 -0.44 0.00	33.26 -0.08 0.00	21.38 0.30 0.00	35.76 0.59 0.00	42.81 0.91 0.00	50.68 1.07 0.00	69.64 1.46 0.00	51.02 1.82 0.00	69.77 3.29 0.00	47.06 2.03 0.00	38.76 1.51 0.00	34.04 0.99 0.00	29.00 1.19 0.00
NEG NORTH___LWR_SARANAC 23913	20.23 0.37 0.00	18.88 0.25 0.00	17.78 0.06 0.00	16.76 0.05 0.00	18.40 0.02 0.00	19.97 0.05 0.00	22.18 0.16 0.00	22.41 0.56 0.00	25.47 0.64 0.00	31.06 0.63 0.00	32.63 0.07 0.00	25.90 -0.44 0.00	33.26 -0.08 0.00	21.38 0.30 0.00	35.76 0.59 0.00	42.81 0.91 0.00	50.68 1.07 0.00	69.64 1.46 0.00	51.02 1.82 0.00	69.77 3.29 0.00	47.06 2.03 0.00	38.76 1.51 0.00	34.04 0.99 0.00	29.00 1.19 0.00
NEG NORTH___PLATTSBURG 23628	20.23 0.37 0.00	18.88 0.25 0.00	17.78 0.06 0.00	16.76 0.05 0.00	18.40 0.02 0.00	19.97 0.05 0.00	22.18 0.16 0.00	22.41 0.56 0.00	25.47 0.64 0.00	31.06 0.63 0.00	32.63 0.07 0.00	25.90 -0.44 0.00	33.26 -0.08 0.00	21.38 0.30 0.00	35.76 0.59 0.00	42.82 0.91 0.00	50.68 1.07 0.00	69.64 1.46 0.00	51.02 1.82 0.00	69.77 3.29 0.00	47.06 2.03 0.00	38.76 1.51 0.00	34.04 0.99 0.00	29.00 1.19 0.00
NEG WEST_LEA_LOCKPORT 23791	19.41 -0.45 0.00	18.24 -0.38 0.00	17.46 -0.26 0.00	16.48 -0.23 0.00	18.15 -0.23 0.00	19.96 0.04 0.00	22.11 0.09 0.00	21.82 -0.03 0.00	24.91 0.07 0.00	30.48 0.05 0.00	32.42 -0.15 0.00	26.38 0.03 0.00	32.71 -0.64 0.00	20.37 -0.71 0.00	34.07 -1.09 0.00	40.80 -1.11 0.00	49.52 -0.09 0.00	68.07 -0.11 0.00	49.08 -0.12 0.00	65.99 -0.49 0.00	44.13 -0.90 0.00	36.49 -0.76 0.00	32.81 -0.24 0.00	27.47 -0.34 0.00
NEG WEST___LANCASTR 23811	19.66 -0.19 0.00	18.41 -0.22 0.00	17.59 -0.13 0.00	16.61 -0.09 0.00	18.29 -0.09 0.00	20.10 0.18 0.00	22.29 0.27 0.00	22.09 0.24 0.00	25.29 0.45 0.00	31.00 0.56 0.00	33.00 0.44 0.00	26.86 0.51 0.00	33.45 0.10 0.00	20.86 -0.21 0.00	34.95 -0.21 0.00	41.76 -0.14 0.00	50.55 0.94 0.00	69.23 1.05 0.00	49.68 0.48 0.00	66.92 0.44 0.00	44.79 -0.25 0.00	37.05 -0.20 0.00	33.23 0.19 0.00	27.85 0.03 0.00
NEG_PENN_ALLEGHNY 23528	20.12 0.27 0.00	18.78 0.15 0.00	17.88 0.16 0.00	16.87 0.16 0.00	18.53 0.15 0.00	20.21 0.29 0.00	22.41 0.39 0.00	22.27 0.42 0.00	25.44 0.59 -0.01	31.33 0.79 -0.10	33.52 0.80 -0.15	27.14 0.79 0.00	34.31 0.90 -0.06	21.61 0.50 -0.04	36.52 0.90 -0.46	44.04 1.03 -1.10	53.16 1.74 -1.80	73.06 2.26 -2.61	52.55 1.29 -2.06	70.99 1.63 -2.88	47.69 0.92 -1.74	39.19 0.76 -1.18	34.63 0.71 -0.87	28.77 0.48 -0.48
NEG___GEN_MONROE 24207	19.92 0.07 0.00	18.71 0.08 0.00	17.86 0.14 0.00	16.84 0.13 0.00	18.53 0.15 0.00	20.26 0.34 0.00	22.46 0.44 0.00	22.25 0.40 0.00	25.41 0.57 0.00	31.14 0.70 0.00	33.19 0.63 0.00	26.94 0.59 0.00	33.70 0.35 0.00	21.15 0.07 0.00	35.42 0.26 0.00	42.44 0.53 0.00	51.21 1.60 0.00	70.54 2.36 0.00	50.83 1.64 0.00	68.35 1.86 0.00	45.88 0.85 0.00	37.88 0.63 0.00	33.76 0.71 0.00	28.21 0.40 0.00
NEPA___ENERGY 23901	19.68 -0.17 0.00	18.30 -0.33 0.00	17.48 -0.24 0.00	16.57 -0.13 0.00	18.24 -0.14 0.00	20.04 0.12 0.00	22.25 0.23 0.00	22.12 0.27 0.00	25.42 0.58 0.00	31.24 0.81 0.00	33.33 0.76 0.00	27.16 0.81 0.00	33.93 0.58 0.00	21.15 0.07 0.00	35.41 0.25 0.00	42.19 0.28 0.00	51.14 1.54 0.00	69.86 1.68 0.00	49.80 0.60 0.00	67.12 0.64 0.00	45.03 -0.01 0.00	37.31 0.06 0.00	33.37 0.33 0.00	27.97 0.16 0.00
NEVERSINK___HYD 23608	21.17 1.32 0.00	19.72 1.10 0.00	18.72 1.00 0.00	17.61 0.90 0.00	19.29 0.91 0.00	21.06 1.15 0.00	23.36 1.33 0.00	22.92 1.31 0.25	24.75 1.50 1.59	32.50 2.06 0.00	34.96 2.40 0.00	27.20 2.18 1.33	35.76 2.85 0.44	17.18 1.64 5.53	36.23 1.49 0.42	43.71 1.81 0.00	52.28 2.67 0.00	71.82 3.65 0.00	51.31 2.11 0.00	68.95 2.47 0.00	46.47 1.44 0.00	38.58 1.33 0.00	35.10 2.05 0.00	29.25 1.51 0.07
NEWKRMKL_115KV_TB1 55635	20.35 0.49 0.00	19.16 0.54 0.00	18.23 0.50 0.00	17.16 0.45 0.00	18.83 0.45 0.00	20.42 0.50 0.00	22.58 0.56 0.00	22.75 0.51 -0.39	27.91 0.54 -2.54	31.08 0.65 0.00	33.32 0.76 0.00	29.20 0.72 -2.13	35.01 0.96 -0.70	30.53 0.62 -8.84	36.74 0.91 -0.67	42.99 1.09 0.00	51.00 1.39 0.00	70.24 2.06 0.00	50.58 1.38 0.00	68.23 1.75 0.00	46.26 1.22 0.00	38.24 0.99 0.00	33.90 0.86 0.00	28.62 0.70 -0.11
NEWTON___FALLS_HYD 23847	19.21 -0.65 0.00	17.76 -0.87 0.00	16.87 -0.86 0.00	15.90 -0.81 0.00	17.61 -0.77 0.00	18.96 -0.96 0.00	20.93 -1.09 0.00	20.70 -1.15 0.00	23.69 -1.17 -0.02	29.16 -1.43 -0.14	30.80 -1.99 -0.22	24.36 -1.98 0.00	31.05 -2.39 -0.09	19.70 -1.43 -0.06	33.78 -2.05 -0.67	40.74 -2.75 -1.59	49.28 -2.92 -2.60	68.95 -1.81 -2.59	50.45 -0.79 -2.04	68.66 -0.64 -2.82	46.63 -0.11 -1.71	38.27 -0.14 -1.16	33.58 -0.33 -0.86	27.94 -0.34 -0.47
NGRID_A1_DSASP 323792	19.12 -0.74 0.00	18.01 -0.62 0.00	17.26 -0.47 0.00	16.28 -0.43 0.00	17.92 -0.46 0.00	19.69 -0.23 0.00	21.79 -0.23 0.00	21.46 -0.39 0.00	24.47 -0.36 0.00	29.93 -0.51 0.00	31.84 -0.72 0.00	25.90 -0.45 0.00	32.02 -1.33 0.00	19.87 -1.20 0.00	33.18 -1.99 0.00	39.70 -2.21 0.00	48.17 -1.44 0.00	66.19 -1.99 0.00	47.73 -1.47 0.00	64.16 -2.32 0.00	42.93 -2.11 0.00	35.51 -1.74 0.00	32.01 -1.04 0.00	26.83 -0.99 0.00
NGRID_A2_DSASP 323793	19.12 -0.74 0.00	18.01 -0.62 0.00	17.26 -0.47 0.00	16.28 -0.43 0.00	17.92 -0.46 0.00	19.69 -0.23 0.00	21.79 -0.23 0.00	21.46 -0.39 0.00	24.47 -0.36 0.00	29.93 -0.51 0.00	31.84 -0.72 0.00	25.90 -0.45 0.00	32.02 -1.33 0.00	19.87 -1.20 0.00	33.18 -1.99 0.00	39.70 -2.21 0.00	48.17 -1.44 0.00	66.19 -1.99 0.00	47.73 -1.47 0.00	64.16 -2.32 0.00	42.93 -2.11 0.00	35.51 -1.74 0.00	32.01 -1.04 0.00	26.83 -0.99 0.00
NGRID_A4_DSASP 323807	19.12 -0.74 0.00	18.01 -0.62 0.00	17.25 -0.47 0.00	16.28 -0.43 0.00	17.92 -0.47 0.00	19.68 -0.23 0.00	21.78 -0.25 0.00	21.46 -0.39 0.00	24.47 -0.37 0.00	29.92 -0.51 0.00	31.83 -0.74 0.00	25.88 -0.47 0.00	32.00 -1.35 0.00	19.86 -1.22 0.00	33.17 -1.99 0.00	39.68 -2.23 0.00	48.17 -1.44 0.00	66.19 -2.00 0.00	47.73 -1.47 0.00	64.16 -2.32 0.00	42.93 -2.10 0.00	35.51 -1.74 0.00	32.00 -1.05 0.00	26.83 -0.98 0.00
NIAGARA_115E_LBMP 323715	19.10 -0.76 0.00	17.96 -0.67 0.00	17.19 -0.54 0.00	16.22 -0.49 0.00	17.87 -0.51 0.00	19.63 -0.29 0.00	21.76 -0.26 0.00	21.41 -0.44 0.00	24.42 -0.41 0.00	29.88 -0.56 0.00	31.77 -0.79 0.00	25.85 -0.49 0.00	32.05 -1.29 0.00	19.97 -1.11 0.00	33.34 -1.82 0.00	39.90 -2.01 0.00	48.42 -1.19 0.00	66.57 -1.61 0.00	48.00 -1.20 0.00	64.56 -1.93 0.00	43.18 -1.85 0.00	35.74 -1.52 0.00	32.18 -0.87 0.00	26.95 -0.87 0.00

NIAGARA_115W_LBMP 323714	19.08 -0.78 0.00	17.97 -0.66 0.00	17.22 -0.50 0.00	16.24 -0.46 0.00	17.88 -0.50 0.00	19.64 -0.27 0.00	21.75 -0.28 0.00	21.41 -0.44 0.00	24.41 -0.43 0.00	29.85 -0.59 0.00	31.76 -0.80 0.00	25.83 -0.52 0.00	31.94 -1.41 0.00	19.81 -1.26 0.00	33.07 -2.09 0.00	39.58 -2.33 0.00	48.02 -1.59 0.00	65.99 -2.20 0.00	47.58 -1.61 0.00	63.97 -2.51 0.00	42.80 -2.23 0.00	35.40 -1.85 0.00	31.92 -1.13 0.00	26.75 -1.06 0.00
NIAGARA_230_LBMP 323716	19.21 -0.65 0.00	18.08 -0.55 0.00	17.31 -0.41 0.00	16.33 -0.37 0.00	17.98 -0.40 0.00	19.75 -0.17 0.00	21.86 -0.16 0.00	21.56 -0.29 0.00	24.59 -0.25 0.00	30.06 -0.38 0.00	31.99 -0.57 0.00	26.02 -0.33 0.00	32.27 -1.08 0.00	20.08 -0.99 0.00	33.58 -1.58 0.00	40.20 -1.71 0.00	48.75 -0.86 0.00	67.00 -1.18 0.00	48.27 -0.93 0.00	64.90 -1.58 0.00	43.44 -1.60 0.00	35.92 -1.33 0.00	32.31 -0.74 0.00	27.07 -0.74 0.00
NIAGARA__115KV_198_GIBSON 55903	19.08 -0.78 0.00	17.97 -0.65 0.00	17.22 -0.50 0.00	16.24 -0.46 0.00	17.88 -0.50 0.00	19.65 -0.27 0.00	21.73 -0.29 0.00	21.41 -0.44 0.00	24.41 -0.43 0.00	29.85 -0.59 0.00	31.76 -0.81 0.00	25.82 -0.53 0.00	31.91 -1.43 0.00	19.80 -1.28 0.00	33.07 -2.09 0.00	39.56 -2.34 0.00	48.02 -1.59 0.00	65.98 -2.20 0.00	47.58 -1.61 0.00	63.96 -2.52 0.00	42.80 -2.24 0.00	35.40 -1.85 0.00	31.91 -1.14 0.00	26.75 -1.06 0.00
NIAGARA____ 23760	19.11 -0.74 0.00	17.99 -0.64 0.00	17.22 -0.50 0.00	16.25 -0.46 0.00	17.89 -0.49 0.00	19.66 -0.26 0.00	21.79 -0.24 0.00	21.47 -0.38 0.00	24.50 -0.33 0.00	29.97 -0.47 0.00	31.89 -0.67 0.00	25.93 -0.42 0.00	32.13 -1.22 0.00	19.99 -1.09 0.00	33.39 -1.78 0.00	39.96 -1.95 0.00	48.48 -1.13 0.00	66.64 -1.55 0.00	48.02 -1.17 0.00	64.58 -1.90 0.00	43.22 -1.82 0.00	35.74 -1.52 0.00	32.17 -0.88 0.00	26.94 -0.87 0.00
NINE_MILE_1 23575	19.27 -0.58 0.00	18.08 -0.55 0.00	17.20 -0.52 0.00	16.21 -0.49 0.00	17.84 -0.55 0.00	19.37 -0.54 0.00	21.41 -0.62 0.00	21.23 -0.62 0.00	23.99 -0.68 0.17	28.15 -0.84 1.45	29.41 -0.90 2.26	25.67 -0.68 0.00	31.52 -0.92 0.90	19.91 -0.60 0.56	27.46 -0.99 6.70	24.75 -1.15 16.00	22.41 -1.07 26.13	28.78 -1.41 37.99	18.10 -1.08 30.02	23.05 -1.55 41.88	18.45 -1.13 25.45	19.06 -0.96 17.23	19.43 -0.86 12.76	20.02 -0.79 7.01
NINE_MILE_2 23744	19.28 -0.58 0.00	18.08 -0.55 0.00	17.21 -0.52 0.00	16.21 -0.49 0.00	17.84 -0.54 0.00	19.37 -0.54 0.00	21.41 -0.62 0.00	21.23 -0.62 0.00	23.99 -0.68 0.17	28.13 -0.84 1.48	29.38 -0.90 2.29	25.67 -0.68 0.00	31.51 -0.92 0.92	19.90 -0.60 0.57	27.36 -0.99 6.80	24.51 -1.15 16.25	22.02 -1.07 26.52	28.20 -1.41 38.57	17.65 -1.08 30.47	22.42 -1.55 42.51	18.07 -1.13 25.83	18.80 -0.96 17.49	19.23 -0.86 12.96	19.91 -0.79 7.11
NM_CAPITAL____DRP 24208	20.39 0.53 0.00	19.22 0.59 0.00	18.28 0.56 0.00	17.21 0.51 0.00	18.88 0.50 0.00	20.47 0.55 0.00	22.62 0.60 0.00	22.78 0.53 -0.40	27.97 0.56 -2.57	31.12 0.68 0.00	33.36 0.79 0.00	29.26 0.75 -2.16	35.05 0.99 -0.71	30.68 0.63 -8.97	36.76 0.92 -0.68	43.00 1.10 0.00	51.00 1.39 0.00	70.17 1.99 0.00	50.63 1.43 0.00	68.31 1.83 0.00	46.32 1.29 0.00	38.31 1.06 0.00	33.96 0.91 0.00	28.67 0.75 -0.11
NM_CENTRAL____DRP 24181	19.71 -0.14 0.00	18.46 -0.17 0.00	17.56 -0.16 0.00	16.55 -0.15 0.00	18.21 -0.17 0.00	19.81 -0.10 0.00	21.92 -0.11 0.00	21.73 -0.12 0.00	24.74 -0.11 -0.02	30.49 -0.09 -0.14	32.70 -0.09 -0.22	26.37 0.02 0.00	33.38 -0.06 -0.09	21.06 -0.07 -0.05	35.74 -0.08 -0.65	43.41 -0.05 -1.55	52.48 0.34 -2.53	72.40 0.54 -3.68	52.39 0.29 -2.91	70.80 0.26 -4.06	47.55 0.05 -2.46	38.92 0.00 -1.67	34.24 -0.05 -1.23	28.35 -0.14 -0.68
NM_FRONTIER____DRP 24179	19.08 -0.78 0.00	17.97 -0.65 0.00	17.22 -0.50 0.00	16.24 -0.46 0.00	17.88 -0.50 0.00	19.65 -0.27 0.00	21.73 -0.29 0.00	21.41 -0.44 0.00	24.41 -0.43 0.00	29.85 -0.59 0.00	31.76 -0.81 0.00	25.82 -0.53 0.00	31.91 -1.43 0.00	19.80 -1.28 0.00	33.07 -2.09 0.00	39.56 -2.34 0.00	48.02 -1.59 0.00	65.98 -2.20 0.00	47.58 -1.61 0.00	63.96 -2.52 0.00	42.80 -2.24 0.00	35.40 -1.85 0.00	31.91 -1.14 0.00	26.75 -1.06 0.00
NM_ST_REGIS____HYD 24053	19.52 -0.34 0.00	18.12 -0.51 0.00	17.18 -0.54 0.00	16.18 -0.52 0.00	17.88 -0.51 0.00	19.33 -0.59 0.00	21.37 -0.66 0.00	21.32 -0.53 0.00	24.23 -0.62 -0.01	29.64 -0.86 -0.07	31.42 -1.25 -0.11	25.03 -1.32 0.00	32.01 -1.38 -0.04	20.33 -0.77 -0.03	34.30 -1.18 -0.32	41.22 -1.44 -0.76	48.95 -1.90 -1.23	67.12 -2.28 -1.22	48.98 -1.18 -0.96	66.65 -1.13 -1.30	45.22 -0.60 -0.79	37.21 -0.58 -0.53	32.74 -0.70 -0.40	27.58 -0.45 -0.22
NORTHPORT____1 23551	20.93 1.08 0.00	19.86 1.23 0.00	19.02 1.30 0.00	18.06 1.36 0.00	19.72 1.34 0.00	21.43 1.51 0.00	23.89 1.87 0.00	25.32 1.81 -1.66	37.64 1.92 -10.88	33.04 2.41 -0.19	37.86 2.82 -2.47	40.71 2.37 -11.99	41.09 3.02 -4.72	64.90 1.93 -41.89	41.01 3.05 -2.81	45.31 3.41 0.00	40.78 4.34 13.17	74.06 5.87 0.00	40.40 3.19 11.99	40.39 3.59 29.68	40.23 2.09 6.89	39.83 2.03 -0.55	35.05 2.00 0.00	30.01 1.72 -0.48
NORTHPORT____2 23552	20.93 1.08 0.00	19.86 1.23 0.00	19.02 1.30 0.00	18.06 1.36 0.00	19.72 1.34 0.00	21.43 1.51 0.00	23.89 1.87 0.00	25.32 1.81 -1.66	37.64 1.92 -10.88	33.04 2.41 -0.19	37.86 2.82 -2.47	40.71 2.37 -11.99	41.09 3.02 -4.72	64.90 1.93 -41.89	41.01 3.05 -2.81	45.31 3.41 0.00	40.78 4.34 13.17	74.06 5.87 0.00	40.40 3.19 11.99	40.39 3.59 29.68	40.23 2.09 6.89	39.83 2.03 -0.55	35.05 2.00 0.00	30.01 1.72 -0.48
NORTHPORT____3 23553	20.95 1.10 0.00	19.84 1.21 0.00	19.00 1.27 0.00	18.01 1.31 0.00	19.69 1.31 0.00	21.38 1.47 0.00	23.83 1.81 0.00	25.27 1.76 -1.66	37.60 1.89 -10.88	33.03 2.40 -0.19	37.87 2.84 -2.47	40.75 2.41 -11.99	41.17 3.11 -4.72	64.90 2.12 -41.70	40.51 3.29 -2.07	45.26 3.35 0.00	40.78 4.34 13.17	74.18 6.00 0.00	40.51 3.30 11.99	40.53 3.74 29.68	40.34 2.20 6.89	39.96 2.19 -0.52	35.13 2.08 0.00	30.13 1.84 -0.48
NORTHPORT____4 23650	20.95 1.10 0.00	19.84 1.21 0.00	19.00 1.27 0.00	18.01 1.31 0.00	19.69 1.31 0.00	21.38 1.47 0.00	23.83 1.81 0.00	25.27 1.76 -1.66	37.60 1.89 -10.88	33.03 2.40 -0.19	37.87 2.84 -2.47	40.75 2.41 -11.99	41.17 3.11 -4.72	64.90 2.12 -41.70	40.51 3.29 -2.07	45.26 3.35 0.00	40.78 4.34 13.17	74.18 6.00 0.00	40.51 3.30 11.99	40.53 3.74 29.68	40.34 2.20 6.89	39.96 2.19 -0.52	35.13 2.08 0.00	30.13 1.84 -0.48
NORTHPORT____IC 23718	20.93 1.08 0.00	19.86 1.23 0.00	19.02 1.30 0.00	18.06 1.36 0.00	19.72 1.34 0.00	21.43 1.51 0.00	23.89 1.87 0.00	25.32 1.81 -1.66	37.64 1.92 -10.88	33.04 2.41 -0.19	37.86 2.82 -2.47	40.71 2.37 -11.99	41.09 3.02 -4.72	64.90 1.93 -41.89	41.01 3.05 -2.81	45.31 3.41 0.00	40.78 4.34 13.17	74.06 5.87 0.00	40.40 3.19 11.99	40.39 3.59 29.68	40.23 2.09 6.89	39.83 2.03 -0.55	35.05 2.00 0.00	30.01 1.72 -0.48

NORTH____COUNTRY_ESR 323785	19.92 0.06 0.00	18.61 -0.01 0.00	17.54 -0.18 0.00	16.55 -0.16 0.00	18.18 -0.20 0.00	19.69 -0.22 0.00	21.82 -0.21 0.00	21.85 0.00 0.00	24.80 -0.03 0.00	30.23 -0.20 0.00	31.76 -0.81 0.00	25.26 -1.09 0.00	32.41 -0.94 0.00	20.80 -0.27 0.00	34.82 -0.35 0.00	41.58 -0.32 0.00	48.97 -0.64 0.00	67.18 -1.00 0.00	49.20 0.00 0.00	67.23 0.75 0.00	45.33 0.30 0.00	37.38 0.13 0.00	33.01 -0.04 0.00	28.13 0.32 0.00
NPX_GEN_1385_PROXY 323591	20.50 0.65 0.00	19.54 0.92 0.00	18.79 1.07 0.00	18.08 1.37 0.00	19.52 1.14 0.00	21.29 1.38 0.00	23.65 1.63 0.00	25.02 1.51 -1.66	37.65 1.94 -10.88	32.72 2.09 -0.19	37.15 2.11 -2.47	40.13 1.79 -11.99	40.39 2.32 -4.72	64.61 1.65 -41.89	40.94 2.97 -2.81	45.99 4.08 0.00	41.29 4.85 13.17	75.46 7.28 0.00	40.87 3.67 11.99	41.02 4.22 29.68	40.58 2.43 6.89	39.85 2.05 -0.55	34.45 1.40 0.00	29.30 1.01 -0.48
NPX_GEN_CSC 323557	21.14 1.29 0.00	20.03 1.40 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.58 1.66 0.00	24.19 2.16 0.00	25.59 2.08 -1.66	37.96 2.24 -10.88	33.64 3.01 -0.19	38.20 3.16 -2.47	41.10 2.76 -11.99	42.19 3.70 -5.14	96.54 2.44 -73.02	78.45 3.85 -39.43	46.06 4.16 0.00	55.07 5.46 0.00	75.60 7.42 0.00	53.41 4.21 0.00	71.47 4.99 0.00	47.94 2.90 0.00	41.13 2.65 -1.23	35.60 2.55 0.00	30.38 2.09 -0.48
NSINS_S_GLNS_FALLS 23858	20.99 1.14 0.00	19.74 1.11 0.00	18.75 1.03 0.00	17.55 0.85 0.00	19.27 0.89 0.00	20.88 0.96 0.00	23.13 1.11 0.00	23.24 1.00 -0.38	28.50 1.18 -2.48	32.06 1.62 0.00	34.48 1.92 0.00	30.20 1.77 -2.08	36.44 2.41 -0.68	31.18 1.45 -8.65	38.18 2.36 -0.65	45.06 3.15 0.00	53.47 3.86 0.00	73.55 5.37 0.00	53.21 4.01 0.00	72.17 5.69 0.00	48.81 3.77 0.00	40.16 2.91 0.00	35.32 2.27 0.00	29.69 1.77 -0.11
NUCOR_STEEL____DRP 24197	20.10 0.25 0.00	18.78 0.15 0.00	17.87 0.15 0.00	16.80 0.09 0.00	18.49 0.11 0.00	20.23 0.31 0.00	22.38 0.35 0.00	22.22 0.37 0.00	25.39 0.52 -0.03	31.30 0.61 -0.25	33.57 0.61 -0.40	26.84 0.49 0.00	34.15 0.64 -0.16	21.60 0.42 -0.10	36.91 0.58 -1.18	45.59 0.88 -2.81	55.84 1.65 -4.58	76.97 2.16 -6.63	56.01 1.57 -5.24	75.80 2.01 -7.31	50.47 1.00 -4.44	41.12 0.86 -3.01	36.04 0.77 -2.23	29.53 0.49 -1.22
NUMBER_THREE_WT_PWR 323818	19.29 -0.57 0.00	17.69 -0.94 0.00	16.80 -0.93 0.00	15.85 -0.85 0.00	17.60 -0.79 0.00	18.92 -1.00 0.00	20.83 -1.19 0.00	20.32 -1.53 0.00	23.47 -1.39 -0.02	29.06 -1.59 -0.21	30.49 -2.40 -0.32	23.88 -2.47 0.00	30.40 -3.08 -0.13	19.33 -1.83 -0.08	33.73 -2.39 -0.96	40.71 -3.50 -2.30	50.23 -3.14 -3.75	71.61 0.17 -3.26	52.54 0.77 -2.57	71.49 1.43 -3.58	48.47 1.26 -2.17	39.74 1.01 -1.47	34.83 0.69 -1.09	28.77 0.36 -0.60
NYISO_LBMP_REFERENCE 24008	19.86 0.00 0.00	18.63 0.00 0.00	17.72 0.00 0.00	16.70 0.00 0.00	18.38 0.00 0.00	19.92 0.00 0.00	22.02 0.00 0.00	21.85 0.00 0.00	24.84 0.00 0.00	30.44 0.00 0.00	32.57 0.00 0.00	26.35 0.00 0.00	33.35 0.00 0.00	21.08 0.00 0.00	35.16 0.00 0.00	41.90 0.00 0.00	49.61 0.00 0.00	68.18 0.00 0.00	49.20 0.00 0.00	66.48 0.00 0.00	45.03 0.00 0.00	37.25 0.00 0.00	33.05 0.00 0.00	27.81 0.00 0.00
NYPA_BRENTWD____GT 24164	21.31 1.45 0.00	20.17 1.54 0.00	19.29 1.57 0.00	18.29 1.59 0.00	19.98 1.60 0.00	21.72 1.80 0.00	24.25 2.23 0.00	25.71 2.20 -1.66	38.12 2.41 -10.88	33.69 3.07 -0.19	38.56 3.52 -2.47	41.26 2.92 -11.99	41.97 3.79 -4.83	73.64 2.32 -50.25	51.09 3.67 -12.26	46.03 4.12 0.00	54.90 5.29 0.00	75.37 7.19 0.00	53.33 4.13 0.00	71.27 4.79 0.00	47.94 2.90 0.00	41.61 2.78 -1.58	35.79 2.74 0.00	30.65 2.36 -0.48
NYPA_GOWANUS____GT5 24156	21.33 1.48 0.00	20.02 1.39 0.00	19.02 1.30 0.00	17.91 1.21 0.00	19.57 1.19 0.00	21.28 1.35 0.00	23.67 1.64 0.00	25.13 1.60 -1.67	37.47 1.81 -10.82	32.87 2.43 0.00	35.46 2.90 0.00	38.00 2.57 -9.08	-57.54 3.31 94.20	-36.89 2.21 60.18	41.54 3.53 -2.85	46.08 4.17 0.00	55.00 5.39 0.00	75.31 7.12 0.00	53.52 4.32 0.00	71.77 5.29 0.00	59.41 3.32 -11.05	40.11 2.85 -0.01	35.81 2.76 0.00	30.93 2.26 -0.86
NYPA_GOWANUS____GT6 24157	21.33 1.48 0.00	20.02 1.39 0.00	19.02 1.30 0.00	17.91 1.21 0.00	19.57 1.19 0.00	21.28 1.35 0.00	23.67 1.64 0.00	25.13 1.60 -1.67	37.47 1.81 -10.82	32.87 2.43 0.00	35.46 2.90 0.00	38.00 2.57 -9.08	-57.54 3.31 94.20	-36.89 2.21 60.18	41.54 3.53 -2.85	46.08 4.17 0.00	55.00 5.39 0.00	75.31 7.12 0.00	53.52 4.32 0.00	71.77 5.29 0.00	59.41 3.32 -11.05	40.11 2.85 -0.01	35.81 2.76 0.00	30.93 2.26 -0.86
NYPA_HARLEM_RVR_GT1 24160	21.25 1.40 0.00	19.97 1.35 0.00	18.99 1.26 0.00	17.86 1.16 0.00	19.52 1.14 0.00	21.17 1.25 0.00	23.54 1.52 0.00	25.01 1.49 -1.67	37.32 1.66 -10.82	32.67 2.23 0.00	35.21 2.64 0.00	37.77 2.35 -9.07	39.40 3.06 -2.98	60.90 2.09 -37.74	41.31 3.30 -2.85	45.77 3.87 0.00	54.69 5.08 0.00	74.86 6.68 0.00	53.17 3.98 0.00	71.24 4.76 0.00	48.03 3.00 0.00	39.86 2.61 0.00	35.65 2.60 0.00	30.43 2.14 -0.48
NYPA_HARLEM_RVR_GT2 24161	21.25 1.40 0.00	19.97 1.35 0.00	18.99 1.26 0.00	17.86 1.16 0.00	19.52 1.14 0.00	21.17 1.25 0.00	23.54 1.52 0.00	25.01 1.49 -1.67	37.32 1.66 -10.82	32.67 2.23 0.00	35.21 2.64 0.00	37.77 2.35 -9.07	39.40 3.06 -2.98	60.90 2.09 -37.74	41.31 3.30 -2.85	45.77 3.87 0.00	54.69 5.08 0.00	74.86 6.68 0.00	53.17 3.98 0.00	71.24 4.76 0.00	48.03 3.00 0.00	39.86 2.61 0.00	35.65 2.60 0.00	30.43 2.14 -0.48
NYPA_KENT____GT 24152	21.31 1.46 0.00	20.00 1.38 0.00	19.01 1.29 0.00	17.90 1.20 0.00	19.55 1.17 0.00	21.23 1.31 0.00	23.62 1.59 0.00	25.10 1.57 -1.67	37.43 1.77 -10.82	32.82 2.38 0.00	35.41 2.84 0.00	37.94 2.52 -9.08	39.57 3.23 -2.98	60.96 2.15 -37.74	41.45 3.44 -2.85	45.97 4.06 0.00	54.88 5.27 0.00	75.16 6.98 0.00	53.40 4.21 0.00	71.58 5.10 0.00	54.59 3.19 -6.36	40.02 2.76 0.00	35.75 2.70 0.00	30.72 2.21 -0.70
NYPA_POUCH1____GT 24155	21.27 1.41 0.00	19.97 1.35 0.00	18.92 1.25 0.05	17.87 1.17 0.00	19.53 1.15 0.00	21.24 1.32 0.00	23.62 1.60 0.00	25.08 1.55 -1.67	36.99 1.74 -10.41	32.76 2.34 0.02	35.22 2.80 0.15	36.49 2.51 -7.64	34.52 3.19 2.01	52.16 2.14 -28.95	41.40 3.39 -2.84	45.91 4.01 0.01	54.84 5.23 0.00	75.10 6.92 0.00	53.38 4.18 0.00	71.56 5.08 0.00	48.81 3.18 -0.60	39.94 2.72 0.03	34.51 2.65 1.19	30.87 2.21 -0.85
NYPA_VERNON____GT2 24162	21.27 1.41 0.00	19.98 1.35 0.00	18.99 1.27 0.00	17.89 1.18 0.00	19.52 1.14 0.00	21.18 1.27 0.00	23.56 1.53 0.00	25.05 1.52 -1.67	37.38 1.72 -10.82	32.76 2.32 0.00	35.33 2.76 0.00	37.87 2.45 -9.08	39.48 3.14 -2.98	60.92 2.10 -37.74	41.37 3.36 -2.85	45.89 3.98 0.00	54.80 5.19 0.00	75.05 6.87 0.00	53.32 4.12 0.00	71.43 4.95 0.00	49.80 3.09 -1.67	39.91 2.66 0.00	35.67 2.62 0.00	30.49 2.14 -0.54

NYPY_VERNON____GT3 24163	21.27	19.98	18.99	17.89	19.52	21.18	23.56	25.05	37.38	32.76	35.33	37.87	39.48	60.92	41.37	45.89	54.80	75.05	53.32	71.43	49.80	39.91	35.67	30.49
	1.41	1.35	1.27	1.18	1.14	1.27	1.53	1.52	1.72	2.32	2.76	2.45	3.14	2.10	3.36	3.98	5.19	6.87	4.12	4.95	3.09	2.66	2.62	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	-10.82	0.00	0.00	-9.08	-2.98	-37.74	-2.85	0.00	0.00	0.00	0.00	0.00	-1.67	0.00	0.00	-0.54
NYPY____ASTORIA_CC1 323568	21.24	19.94	18.96	17.86	19.49	21.15	23.52	25.01	37.33	32.70	35.27	37.83	39.43	60.89	41.32	45.83	54.73	74.94	53.25	71.33	48.08	39.86	35.62	30.38
	1.38	1.32	1.24	1.16	1.11	1.23	1.50	1.48	1.67	2.26	2.71	2.40	3.09	2.08	3.31	3.93	5.12	6.76	4.05	4.85	3.04	2.61	2.57	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	-10.82	0.00	0.00	-9.08	-2.98	-37.74	-2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48
NYPY____ASTORIA_CC2 323569	21.24	19.94	18.96	17.86	19.49	21.15	23.52	25.01	37.33	32.70	35.27	37.83	39.43	60.89	41.32	45.83	54.73	74.94	53.25	71.33	48.08	39.86	35.62	30.38
	1.38	1.32	1.24	1.16	1.11	1.23	1.50	1.48	1.67	2.26	2.71	2.40	3.09	2.08	3.31	3.93	5.12	6.76	4.05	4.85	3.04	2.61	2.57	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	-10.82	0.00	0.00	-9.08	-2.98	-37.74	-2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48
NYPY____HOLTSVILL 23794	21.15	20.04	19.18	18.17	19.85	21.55	24.08	25.53	37.90	33.47	38.20	41.07	42.07	95.97	77.70	45.93	54.82	75.24	53.18	71.11	47.78	41.02	35.56	30.39
	1.29	1.42	1.45	1.47	1.47	1.63	2.06	2.01	2.19	2.84	3.17	2.73	3.60	2.33	3.66	4.03	5.21	7.06	3.99	4.63	2.74	2.56	2.51	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.66	-10.88	-0.19	-2.47	-11.99	-5.13	-72.56	-38.88	0.00	0.00	0.00	0.00	0.00	0.00	-1.21	0.00	-0.48
NYPY____HELLGATE_GT1 24158	21.25	19.97	18.99	17.86	19.52	21.17	23.54	25.01	37.32	32.67	35.21	37.77	39.40	60.90	41.31	45.77	54.69	74.86	53.17	71.24	48.03	39.86	35.65	30.43
	1.40	1.35	1.26	1.16	1.14	1.25	1.52	1.49	1.66	2.23	2.64	2.35	3.06	2.09	3.30	3.87	5.08	6.68	3.98	4.76	3.00	2.61	2.60	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	-10.82	0.00	0.00	-9.07	-2.98	-37.74	-2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48
NYPY____HELLGATE_GT2 24159	21.25	19.97	18.99	17.86	19.52	21.17	23.54	25.01	37.32	32.67	35.21	37.77	39.40	60.90	41.31	45.77	54.69	74.86	53.17	71.24	48.03	39.86	35.65	30.43
	1.40	1.35	1.26	1.16	1.14	1.25	1.52	1.49	1.66	2.23	2.64	2.35	3.06	2.09	3.30	3.87	5.08	6.68	3.98	4.76	3.00	2.61	2.60	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67	-10.82	0.00	0.00	-9.07	-2.98	-37.74	-2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48
NYS_BARGE____HYD 23848	19.43	18.26	17.47	16.48	18.15	19.96	22.14	21.83	24.92	30.51	32.45	26.41	32.74	20.39	34.10	40.84	49.57	68.16	49.13	66.08	44.18	36.54	32.85	27.49
	-0.42	-0.37	-0.26	-0.22	-0.23	0.04	0.11	-0.03	0.09	0.07	-0.12	0.06	-0.61	-0.69	-1.06	-1.07	-0.03	-0.03	-0.06	-0.41	-0.85	-0.71	-0.19	-0.31
	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
OAK ORCHARD____HYD 24046	19.79	18.58	17.73	16.71	18.38	20.10	22.28	22.07	25.19	30.88	32.96	26.76	33.52	21.04	35.21	42.15	50.79	69.90	50.32	67.66	45.44	37.53	33.43	27.97
	-0.07	-0.05	0.01	0.00	0.00	0.18	0.26	0.22	0.35	0.44	0.40	0.42	0.17	-0.04	0.05	0.24	1.18	1.72	1.13	1.18	0.40	0.28	0.38	0.16
	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
OAKDALE____35_KV_LOAD 356122	20.04	18.71	17.81	16.80	18.47	20.14	22.31	22.15	25.30	31.15	33.34	26.99	34.12	21.48	36.29	43.74	52.77	72.51	52.15	70.44	47.35	38.93	34.41	28.61
	0.18	0.08	0.09	0.10	0.08	0.22	0.28	0.30	0.45	0.61	0.62	0.64	0.71	0.37	0.68	0.76	1.40	1.79	0.95	1.16	0.62	0.54	0.52	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.10	-0.15	0.00	-0.06	-0.04	-0.45	-1.07	-1.75	-2.54	-2.01	-2.80	-1.69	-1.14	-0.85	-0.46
OCC_CHEM____DRP 24175	19.12	18.01	17.25	16.28	17.92	19.68	21.78	21.46	24.47	29.92	31.83	25.88	32.00	19.86	33.17	39.68	48.17	66.19	47.73	64.16	42.93	35.51	32.00	26.83
	-0.74	-0.62	-0.47	-0.43	-0.47	-0.23	-0.25	-0.39	-0.37	-0.51	-0.74	-0.47	-1.35	-1.22	-1.99	-2.23	-1.44	-2.00	-1.47	-2.32	-2.10	-1.74	-1.05	-0.98
	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
OH_GEN_PROXY 24063	19.23	18.09	17.32	16.34	17.98	19.75	21.87	21.58	30.64	36.97	32.04	26.05	32.34	20.13	33.67	40.30	108.02	67.14	48.34	65.01	43.51	35.98	32.34	27.10
	-0.63	-0.54	-0.41	-0.37	-0.41	-0.17	-0.15	-0.27	-0.21	-0.33	-0.52	-0.30	-1.01	-0.94	-1.49	-1.61	-0.75	-1.04	-0.85	-1.47	-1.52	-1.27	-0.71	-0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.01	-6.86	0.00	0.00	0.00	0.00	0.00	0.00	-59.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DRP 24177	19.12	17.99	17.22	16.25	17.90	19.67	21.79	21.45	24.46	29.93	31.83	25.89	32.11	20.00	33.41	39.97	48.51	66.71	48.11	64.69	43.27	35.80	32.23	27.00
	-0.73	-0.63	-0.50	-0.45	-0.48	-0.25	-0.24	-0.40	-0.38	-0.50	-0.74	-0.46	-1.24	-1.08	-1.75	-1.93	-1.10	-1.48	-1.09	-1.79	-1.76	-1.45	-0.82	-0.81
	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
OLIN_CORP_DSASP 323712	19.12	18.01	17.26	16.28	17.92	19.69	21.79	21.46	24.47	29.93	31.84	25.90	32.02	19.87	33.18	39.70	48.17	66.19	47.73	64.16	42.93	35.51	32.01	26.83
	-0.74	-0.62	-0.47	-0.43	-0.46	-0.23	-0.23	-0.39	-0.36	-0.51	-0.72	-0.45	-1.33	-1.20	-1.99	-2.21	-1.44	-1.99	-1.47	-2.32	-2.11	-1.74	-1.04	-0.99
	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
ONEIDA_HERK_LFGE 323681	20.12	18.68	17.74	16.72	18.44	20.06	22.26	22.50	25.62	31.45	33.64	27.28	34.50	21.79	36.45	43.42	51.65	71.77	52.07	70.50	47.67	39.26	34.58	28.81
	0.26	0.05	0.02	0.02	0.06	0.14	0.24	0.65	0.79	1.01	1.08	0.93	1.15	0.72	1.29	1.51	2.04	2.30	1.86	2.60	1.77	1.42	1.10	0.76
	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	-1.28	-1.02	-1.42	-0.86	-0.59	-0.43	-0.24
ONEIDA____115KV_TB4 55905	20.36	18.95	18.00	16.96	18.66	20.37	22.58	22.51	25.66	31.56	33.81	27.35	34.60	21.86	36.85	44.23	52.99	73.22	53.02	71.77	48.42	39.78	34.99	29.08
	0.50	0.32	0.28	0.25	0.28	0.45	0.56	0.66	0.82	1.06	1.14	1.00	1.22	0.76	1.39	1.61	2.21	3.07	2.28	3.12	2.07	1.63	1.29	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.07	-0.10	0.00	-0.04	-0.03	-0.30	-0.72	-1.17	-1.96	-1.55	-2.17	-1.32	-0.89	-0.66	-0.36

ONONDAGA_REF_OCCRA 23987	19.85 -0.01 0.00	18.57 -0.06 0.00	17.67 -0.05 0.00	16.66 -0.05 0.00	18.32 -0.06 0.00	19.94 0.03 0.00	22.06 0.04 0.00	21.90 0.05 0.00	24.94 0.09 -0.02	30.76 0.15 -0.17	32.99 0.16 -0.27	26.57 0.22 0.00	33.66 0.21 -0.11	21.24 0.10 -0.07	36.16 0.21 -0.79	44.09 0.30 -1.89	53.45 0.76 -3.08	73.78 1.13 -4.47	53.44 0.71 -3.53	72.26 0.85 -4.92	48.47 0.45 -2.99	39.60 0.32 -2.02	34.77 0.22 -1.50	28.72 0.08 -0.82
ONONDAGA___COGEN 23986	19.83 -0.03 0.00	18.54 -0.09 0.00	17.64 -0.09 0.00	16.62 -0.08 0.00	18.29 -0.09 0.00	19.92 0.01 0.00	22.04 0.02 0.00	21.88 0.03 0.00	24.95 0.08 -0.03	30.82 0.12 -0.26	33.11 0.14 -0.41	26.53 0.18 0.00	33.69 0.18 -0.16	21.27 0.10 -0.10	36.56 0.18 -1.22	45.10 0.29 -2.91	55.11 0.75 -4.74	76.12 1.07 -6.86	55.32 0.70 -5.42	74.88 0.83 -7.57	50.02 0.39 -4.60	40.65 0.29 -3.11	35.57 0.22 -2.30	29.15 0.07 -1.26
ONTARIO___LFGE 23819	20.04 0.18 0.00	18.65 0.03 0.00	17.75 0.03 0.00	16.77 0.06 0.00	18.47 0.09 0.00	20.24 0.32 0.00	22.48 0.45 0.00	22.37 0.52 0.00	25.61 0.77 -0.01	31.44 0.92 -0.09	33.59 0.90 -0.13	27.18 0.83 0.00	34.23 0.83 -0.05	21.55 0.44 -0.03	36.34 0.79 -0.39	43.85 1.02 -0.93	53.12 1.99 -1.52	73.14 2.77 -2.18	52.78 1.86 -1.73	71.26 2.37 -2.41	47.77 1.27 -1.46	39.21 0.97 -0.99	34.67 0.88 -0.73	28.85 0.63 -0.40
ORANGEVILLE_WT_PWR 323706	19.24 -0.62 0.00	18.06 -0.57 0.00	17.28 -0.44 0.00	16.40 -0.31 0.00	18.17 -0.21 0.00	19.95 0.03 0.00	22.16 0.13 0.00	21.97 0.12 0.00	25.23 0.40 0.00	30.92 0.48 0.00	32.87 0.31 0.00	26.80 0.45 0.00	33.40 0.05 0.00	20.83 -0.25 0.00	34.81 -0.36 0.00	41.49 -0.41 0.00	50.25 0.64 0.00	69.17 0.99 0.00	49.71 0.51 0.00	67.07 0.59 0.00	44.92 -0.11 0.00	37.16 -0.10 0.00	33.26 0.21 0.00	27.83 0.02 0.00
ORANGEVILLE___ESR 323794	19.24 -0.62 0.00	18.06 -0.57 0.00	17.28 -0.44 0.00	16.40 -0.31 0.00	18.17 -0.21 0.00	19.95 0.03 0.00	22.16 0.13 0.00	21.97 0.12 0.00	25.23 0.40 0.00	30.92 0.48 0.00	32.87 0.31 0.00	26.80 0.45 0.00	33.40 0.05 0.00	20.83 -0.25 0.00	34.81 -0.36 0.00	41.49 -0.41 0.00	50.25 0.64 0.00	69.17 0.99 0.00	49.71 0.51 0.00	67.07 0.59 0.00	44.92 -0.11 0.00	37.16 -0.10 0.00	33.26 0.21 0.00	27.83 0.02 0.00
OSWEGATCHIE___HYD 24044	19.21 -0.65 0.00	17.76 -0.87 0.00	16.87 -0.86 0.00	15.90 -0.81 0.00	17.61 -0.77 0.00	18.96 -0.96 0.00	20.93 -1.09 0.00	20.70 -1.15 0.00	23.69 -1.17 -0.02	29.16 -1.43 -0.14	30.80 -1.99 -0.22	24.36 -1.99 0.00	31.05 -2.39 -0.09	19.70 -1.43 -0.06	33.78 -2.05 -0.67	40.74 -2.75 -1.59	49.28 -2.92 -2.60	68.95 -1.82 -2.59	50.44 -0.79 -2.04	68.66 -0.64 -2.82	46.63 -0.11 -1.71	38.27 -0.14 -1.16	33.58 -0.33 -0.86	27.94 -0.34 -0.47
OSWEGO___5 23606	19.43 -0.42 0.00	18.21 -0.41 0.00	17.34 -0.38 0.00	16.34 -0.37 0.00	17.98 -0.40 0.00	19.53 -0.39 0.00	21.59 -0.43 0.00	21.42 -0.43 0.00	24.50 -0.47 -0.12	30.96 -0.57 -1.09	33.63 -0.62 -1.69	25.91 -0.44 0.00	33.39 -0.63 -0.68	21.07 -0.43 -0.42	39.48 -0.69 -5.01	53.08 -0.78 -11.96	68.50 -0.62 -19.52	95.72 -0.80 -28.34	70.94 -0.65 -22.39	96.76 -0.96 -31.24	63.26 -0.75 -18.98	49.47 -0.63 -12.85	41.99 -0.58 -9.52	32.49 -0.55 -5.23
OSWEGO___6 23613	19.43 -0.42 0.00	18.21 -0.41 0.00	17.34 -0.38 0.00	16.34 -0.37 0.00	17.98 -0.40 0.00	19.53 -0.39 0.00	21.59 -0.43 0.00	21.42 -0.43 0.00	24.50 -0.47 -0.12	30.96 -0.57 -1.09	33.63 -0.62 -1.69	25.91 -0.44 0.00	33.39 -0.63 -0.68	21.07 -0.43 -0.42	39.48 -0.69 -5.01	53.08 -0.78 -11.96	68.50 -0.62 -19.52	95.72 -0.80 -28.34	70.94 -0.65 -22.39	96.76 -0.96 -31.24	63.26 -0.75 -18.98	49.47 -0.63 -12.85	41.99 -0.58 -9.52	32.49 -0.55 -5.23
OUTOKUMPU-AB___DRP 24206	19.59 -0.26 0.00	18.40 -0.23 0.00	17.61 -0.11 0.00	16.62 -0.09 0.00	18.30 -0.08 0.00	20.14 0.22 0.00	22.31 0.29 0.00	22.03 0.18 0.00	25.18 0.35 0.00	30.86 0.42 0.00	32.84 0.28 0.00	26.71 0.36 0.00	33.07 -0.27 0.00	20.55 -0.53 0.00	34.38 -0.78 0.00	41.13 -0.77 0.00	49.92 0.31 0.00	68.57 0.38 0.00	49.38 0.18 0.00	66.42 -0.05 0.00	44.40 -0.63 0.00	36.72 -0.54 0.00	33.04 -0.01 0.00	27.70 -0.11 0.00
OXBOW____ 24026	19.42 -0.43 0.00	18.26 -0.37 0.00	17.48 -0.25 0.00	16.49 -0.21 0.00	18.16 -0.22 0.00	19.97 0.06 0.00	22.13 0.10 0.00	21.82 -0.03 0.00	24.92 0.08 0.00	30.50 0.06 0.00	32.48 -0.09 0.00	26.42 0.07 0.00	32.69 -0.66 0.00	20.31 -0.77 0.00	33.94 -1.23 0.00	40.60 -1.31 0.00	49.29 -0.32 0.00	67.69 -0.49 0.00	48.77 -0.42 0.00	65.60 -0.88 0.00	43.86 -1.18 0.00	36.27 -0.98 0.00	32.66 -0.39 0.00	27.36 -0.45 0.00
OXY_CHEM_DSASP 323612	19.12 -0.74 0.00	18.01 -0.62 0.00	17.25 -0.47 0.00	16.28 -0.43 0.00	17.92 -0.47 0.00	19.68 -0.23 0.00	21.78 -0.25 0.00	21.46 -0.39 0.00	24.47 -0.37 0.00	29.92 -0.51 0.00	31.83 -0.74 0.00	25.88 -0.47 0.00	32.00 -1.35 0.00	19.86 -1.22 0.00	33.17 -1.99 0.00	39.68 -2.23 0.00	48.17 -1.44 0.00	66.19 -2.00 0.00	47.73 -1.47 0.00	64.16 -2.32 0.00	42.93 -2.10 0.00	35.51 -1.74 0.00	32.00 -1.05 0.00	26.83 -0.98 0.00
OZONE_PARK_ESR 323760	21.54 1.68 0.00	20.21 1.59 0.00	19.21 1.49 0.00	18.08 1.37 0.00	19.77 1.39 0.00	21.47 1.55 0.00	23.86 1.84 0.00	25.34 1.82 -1.67	37.74 2.08 -10.83	33.20 2.76 0.00	35.79 3.22 0.00	38.27 2.85 -9.08	39.98 3.65 -2.99	61.24 2.42 -37.75	41.94 3.92 -2.85	46.59 4.69 0.00	55.68 6.07 0.00	76.29 8.11 0.00	54.20 5.00 0.00	72.60 6.12 0.00	48.89 3.85 0.00	40.51 3.26 0.00	36.13 3.08 0.00	30.79 2.50 -0.48
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.12 -0.74 0.00	18.01 -0.62 0.00	17.25 -0.47 0.00	16.28 -0.43 0.00	17.92 -0.47 0.00	19.68 -0.23 0.00	21.78 -0.25 0.00	21.46 -0.39 0.00	24.47 -0.37 0.00	29.92 -0.51 0.00	31.83 -0.74 0.00	25.88 -0.47 0.00	32.00 -1.35 0.00	19.86 -1.22 0.00	33.17 -1.99 0.00	39.68 -2.23 0.00	48.17 -1.44 0.00	66.19 -2.00 0.00	47.73 -1.47 0.00	64.16 -2.32 0.00	42.93 -2.10 0.00	35.51 -1.74 0.00	32.00 -1.05 0.00	26.83 -0.98 0.00
PACKARD___115KV_DUPONT_184 80571	19.12 -0.74 0.00	18.01 -0.62 0.00	17.25 -0.47 0.00	16.28 -0.43 0.00	17.92 -0.47 0.00	19.68 -0.23 0.00	21.78 -0.25 0.00	21.46 -0.39 0.00	24.47 -0.37 0.00	29.92 -0.51 0.00	31.83 -0.74 0.00	25.88 -0.47 0.00	32.00 -1.35 0.00	19.86 -1.22 0.00	33.17 -1.99 0.00	39.68 -2.23 0.00	48.17 -1.44 0.00	66.19 -2.00 0.00	47.73 -1.47 0.00	64.16 -2.32 0.00	42.93 -2.10 0.00	35.51 -1.74 0.00	32.00 -1.05 0.00	26.83 -0.98 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.22 1.36 0.00	19.93 1.30 0.00	18.95 1.23 0.00	17.84 1.13 0.00	19.49 1.11 0.00	21.15 1.23 0.00	23.51 1.49 0.00	24.98 1.45 -1.67	37.29 1.62 -10.82	32.62 2.19 0.00	35.19 2.62 0.00	37.75 2.33 -9.08	39.38 3.05 -2.98	60.87 2.05 -37.74	41.26 3.25 -2.85	45.72 3.81 0.00	54.60 4.99 0.00	74.75 6.57 0.00	53.15 3.95 0.00	71.24 4.75 0.00	48.06 3.02 0.00	39.88 2.63 0.00	35.61 2.56 0.00	30.33 2.03 -0.48

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.40 1.54 0.00	20.02 1.39 0.00	19.02 1.30 0.00	17.89 1.18 0.00	19.54 1.16 0.00	21.32 1.41 0.00	23.75 1.73 0.00	25.21 1.69 -1.67	37.53 1.86 -10.82	32.92 2.48 0.00	35.50 2.93 0.00	38.00 2.58 -9.08	39.75 3.42 -2.98	61.11 2.30 -37.74	41.69 3.67 -2.85	46.22 4.31 0.00	55.22 5.61 0.00	75.57 7.39 0.00	53.76 4.56 0.00	72.05 5.56 0.00	48.65 3.62 0.00	40.36 3.11 0.00	36.04 2.99 0.00	30.64 2.35 -0.48
PATROON__115KV_TB1 80586	20.42 0.57 0.00	19.22 0.60 0.00	18.28 0.56 0.00	17.21 0.51 0.00	18.89 0.51 0.00	20.49 0.57 0.00	22.66 0.64 0.00	22.83 0.58 -0.39	28.00 0.63 -2.54	31.21 0.77 0.00	33.47 0.90 0.00	29.32 0.85 -2.13	35.16 1.12 -0.70	30.64 0.72 -8.84	36.91 1.08 -0.67	43.19 1.29 0.00	51.26 1.65 0.00	70.56 2.38 0.00	50.73 1.54 0.00	68.43 1.95 0.00	46.40 1.36 0.00	38.35 1.10 0.00	34.00 0.95 0.00	28.70 0.78 -0.11
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.72 -0.14 0.00	18.47 -0.16 0.00	17.65 -0.07 0.00	16.67 -0.03 0.00	18.36 -0.03 0.00	20.18 0.26 0.00	22.38 0.36 0.00	22.17 0.32 0.00	25.39 0.55 0.00	31.15 0.71 0.00	33.17 0.60 0.00	27.01 0.66 0.00	33.63 0.29 0.00	20.98 -0.10 0.00	35.15 -0.02 0.00	42.01 0.11 0.00	50.90 1.29 0.00	69.76 1.58 0.00	50.08 0.88 0.00	67.42 0.94 0.00	45.08 0.04 0.00	37.28 0.03 0.00	33.43 0.38 0.00	27.98 0.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.29 1.44 0.00	19.98 1.35 0.00	18.99 1.26 0.00	17.87 1.17 0.00	19.57 1.19 0.00	21.26 1.34 0.00	23.59 1.56 0.00	24.02 1.55 -0.62	30.63 1.77 -4.02	32.79 2.36 0.00	35.34 2.78 0.00	32.21 2.50 -3.37	37.69 3.23 -1.11	37.21 2.13 -14.00	39.69 3.48 -1.06	46.06 4.16 0.00	54.96 5.35 0.00	75.38 7.19 0.00	53.72 4.52 0.00	72.06 5.58 0.00	48.58 3.54 0.00	40.19 2.94 0.00	35.68 2.64 0.00	30.07 2.08 -0.18
PEEKSKILL____ 23653	21.05 1.19 0.00	19.77 1.14 0.00	18.79 1.07 0.00	17.68 0.98 0.00	19.35 0.97 0.00	21.02 1.10 0.00	23.31 1.29 0.00	25.05 1.25 -1.95	38.83 1.40 -12.59	32.33 1.90 0.00	34.84 2.27 0.00	38.95 2.04 -10.56	39.44 2.62 -3.47	66.71 1.73 -43.91	41.26 2.78 -3.32	45.22 3.31 0.00	53.99 4.38 0.00	74.02 5.84 0.00	52.72 3.52 0.00	70.69 4.21 0.00	47.69 2.66 0.00	39.51 2.26 0.00	35.15 2.10 0.00	30.05 1.68 -0.56
PGE MADISON__WINDPWR 24146	21.49 1.63 0.00	19.86 1.23 0.00	18.87 1.15 0.00	17.76 1.06 0.00	19.47 1.09 0.00	21.36 1.44 0.00	23.78 1.76 0.00	23.72 1.87 0.00	27.08 2.23 -0.01	33.44 2.90 -0.11	35.76 3.03 -0.17	28.75 2.40 0.00	36.39 2.97 -0.07	22.99 1.87 -0.04	38.86 3.20 -0.50	47.02 3.93 -1.19	57.07 5.52 -1.94	78.80 7.80 -2.82	57.14 5.72 -2.22	77.54 7.96 -3.10	52.12 5.23 -1.86	42.58 4.07 -1.26	37.23 3.25 -0.93	30.60 2.27 -0.51
PIERCEFIELD__HYD 23852	19.33 -0.52 0.00	17.93 -0.70 0.00	17.02 -0.70 0.00	16.03 -0.67 0.00	17.73 -0.65 0.00	19.15 -0.76 0.00	21.16 -0.87 0.00	21.07 -0.78 0.00	23.95 -0.89 -0.01	29.34 -1.17 -0.08	31.15 -1.53 -0.12	24.84 -1.52 0.00	31.72 -1.68 -0.05	20.10 -1.01 -0.03	33.94 -1.57 -0.35	40.80 -1.93 -0.83	48.49 -2.48 -1.36	66.57 -2.95 -1.35	48.49 -1.76 -1.06	65.92 -1.99 -1.43	44.81 -1.09 -0.87	36.88 -0.97 -0.59	32.45 -1.03 -0.44	27.27 -0.78 -0.24
PINELAWN_CC_1 323563	21.30 1.45 0.00	20.14 1.52 0.00	19.25 1.53 0.00	18.21 1.51 0.00	19.91 1.53 0.00	21.62 1.70 0.00	24.11 2.09 0.00	25.58 2.07 -1.66	37.99 2.28 -10.88	33.54 2.91 -0.19	38.21 3.17 -2.47	41.01 2.67 -11.99	41.59 3.46 -4.77	69.34 2.16 -46.11	45.89 3.40 -7.32	45.70 3.80 0.00	54.53 4.92 0.00	74.89 6.71 0.00	53.05 3.85 0.00	70.97 4.49 0.00	47.74 2.70 0.00	43.33 2.72 -3.36	35.90 2.85 0.00	30.63 2.34 -0.48
PJM_GEN_HTP_PROXY 323702	21.22 1.37 0.00	19.93 1.30 0.00	18.95 1.22 0.00	17.83 1.12 0.00	19.50 1.11 0.00	21.18 1.27 0.00	23.54 1.51 0.00	25.01 1.49 -1.67	38.50 1.67 -11.99	31.91 2.26 0.79	35.24 2.67 0.00	37.82 2.39 -9.08	39.40 3.06 -2.99	60.88 2.04 -37.76	41.30 3.28 -2.85	45.81 3.90 0.00	54.71 5.10 0.00	74.96 6.78 0.00	53.23 4.03 0.00	71.31 4.83 0.00	48.04 3.00 0.00	39.80 2.55 0.00	35.50 2.45 0.00	30.29 2.00 -0.48
PJM_GEN_KEystone 24065	20.26 0.40 0.00	18.94 0.31 0.00	17.98 0.31 0.06	16.99 0.29 0.00	18.63 0.25 0.00	20.34 0.43 0.00	22.57 0.54 0.00	19.96 0.52 2.41	10.63 0.67 14.88	30.59 0.94 0.79	33.63 1.07 0.00	14.13 1.03 13.25	29.99 1.14 4.49	-33.29 0.64 55.01	32.15 1.09 4.10	43.19 1.29 0.00	51.87 2.27 0.00	70.99 2.80 0.00	50.55 1.36 0.00	67.89 1.41 0.00	45.68 0.66 0.01	37.87 0.62 0.00	33.74 0.76 0.07	27.67 0.56 0.70
PJM_GEN_NEPTUNE_PROXY 323594	21.08 1.23 0.00	19.91 1.28 0.00	19.00 1.27 0.00	17.95 1.25 0.00	19.62 1.24 0.00	21.31 1.40 0.00	23.74 1.71 0.00	25.16 1.65 -1.66	38.68 1.80 -12.04	32.18 2.34 0.60	37.80 2.76 -2.47	40.73 2.39 -11.99	41.22 3.12 -4.75	67.40 2.08 -44.25	43.55 3.28 -5.11	45.54 3.64 0.00	54.31 4.70 0.00	74.57 6.39 0.00	52.85 3.65 0.00	70.84 4.36 0.00	47.68 2.65 0.00	39.52 2.46 0.19	35.39 2.34 0.00	30.23 1.94 -0.48
PJM_GEN_VFT_PROXY 323633	21.13 1.28 0.00	19.82 1.19 0.00	18.03 1.12 0.81	17.75 1.04 0.00	19.41 1.02 0.00	21.09 1.17 0.00	23.43 1.40 0.00	24.88 1.36 -1.67	31.91 1.53 -5.54	31.73 2.09 0.79	35.09 2.52 0.00	35.11 2.25 -6.50	36.38 2.84 -0.19	51.27 1.95 -28.25	41.10 3.08 -2.85	45.58 3.67 0.00	54.46 4.85 0.00	74.59 6.41 0.00	53.03 3.83 0.00	70.98 4.50 0.00	47.62 2.76 0.17	39.57 2.34 0.03	34.38 2.28 0.95	30.12 1.87 -0.44
PLATSBRG_115KV_PMLD1 355749	20.22 0.36 0.00	18.88 0.26 0.00	17.79 0.07 0.00	16.77 0.07 0.00	18.41 0.03 0.00	19.97 0.05 0.00	22.17 0.14 0.00	22.45 0.60 0.00	25.52 0.68 0.00	31.15 0.71 0.00	32.72 0.16 0.00	25.93 -0.42 0.00	33.33 -0.02 0.00	21.41 0.33 0.00	35.80 0.64 0.00	42.88 0.98 0.00	50.77 1.16 0.00	69.73 1.55 0.00	51.04 1.84 0.00	69.82 3.34 0.00	47.09 2.05 0.00	38.76 1.51 0.00	34.03 0.98 0.00	29.03 1.22 0.00
PLEASANTVLY__LBMP 24000	20.92 1.07 0.00	19.66 1.03 0.00	18.69 0.97 0.00	17.60 0.90 0.00	19.27 0.89 0.00	20.91 0.99 0.00	23.18 1.15 0.00	23.73 1.10 -0.78	31.07 1.21 -5.02	32.07 1.63 0.00	34.51 1.94 0.00	32.32 1.77 -4.20	37.02 2.29 -1.38	40.06 1.50 -17.49	38.86 2.37 -1.32	44.74 2.83 0.00	53.30 3.69 0.00	73.06 4.88 0.00	52.17 2.97 0.00	70.08 3.60 0.00	47.34 2.30 0.00	39.21 1.96 0.00	34.85 1.80 0.00	29.47 1.43 -0.22
PLSNTVLE_13_KV_13.8KVDIST 80602	21.13 1.27 0.00	19.84 1.22 0.00	18.86 1.14 0.00	17.76 1.05 0.00	19.43 1.05 0.00	21.10 1.18 0.00	23.42 1.40 0.00	24.52 1.36 -1.31	34.86 1.53 -8.48	32.49 2.06 0.00	35.00 2.43 0.00	35.66 2.19 -7.11	38.51 2.82 -2.34	52.53 1.87 -29.58	40.40 3.00 -2.23	45.51 3.61 0.00	54.29 4.68 0.00	74.43 6.25 0.00	52.99 3.79 0.00	71.07 4.59 0.00	47.93 2.89 0.00	39.70 2.45 0.00	35.32 2.27 0.00	30.00 1.82 -0.38

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.13 1.27 0.00	19.84 1.22 0.00	18.86 1.14 0.00	17.76 1.05 0.00	19.43 1.05 0.00	21.10 1.18 0.00	23.42 1.40 0.00	24.52 1.36 -1.31	34.86 1.53 -8.48	32.49 2.06 0.00	35.00 2.43 0.00	35.66 2.19 -7.11	38.51 2.82 -2.34	52.53 1.87 -29.58	40.40 3.00 -2.23	45.51 3.61 0.00	54.29 4.68 0.00	74.43 6.25 0.00	52.99 3.79 0.00	71.07 4.59 0.00	47.93 2.89 0.00	39.70 2.45 0.00	35.32 2.27 0.00	30.00 1.82 -0.38
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.12 1.27 0.00	19.83 1.20 0.00	18.84 1.12 0.00	17.74 1.03 0.00	19.42 1.04 0.00	21.09 1.17 0.00	23.39 1.36 0.00	23.58 1.33 -0.39	28.88 1.49 -2.55	32.41 1.97 0.00	34.89 2.33 0.00	30.59 2.10 -2.14	36.79 2.74 -0.70	31.76 1.80 -8.89	38.73 2.89 -0.67	45.38 3.48 0.00	54.15 4.54 0.00	74.25 6.07 0.00	53.04 3.84 0.00	71.24 4.76 0.00	48.06 3.03 0.00	39.78 2.52 0.00	35.30 2.25 0.00	29.68 1.76 -0.11
POLETTI____ 23519	21.23 1.37 0.00	19.94 1.31 0.00	18.95 1.23 0.00	17.84 1.14 0.00	19.51 1.13 0.00	21.18 1.26 0.00	23.52 1.49 0.00	24.99 1.46 -1.67	37.31 1.65 -10.83	32.67 2.23 0.00	35.21 2.65 0.00	37.79 2.36 -9.08	39.35 3.01 -2.99	60.85 2.02 -37.75	41.25 3.24 -2.85	45.76 3.86 0.00	54.66 5.05 0.00	74.88 6.69 0.00	53.19 3.99 0.00	71.25 4.77 0.00	47.99 2.96 0.00	39.77 2.52 0.00	35.49 2.44 0.00	30.29 2.00 -0.48
POMONA____ESR 323819	21.02 1.16 0.00	19.74 1.11 0.00	18.76 1.03 0.00	17.64 0.94 0.00	19.31 0.93 0.00	20.98 1.06 0.00	23.25 1.23 0.00	20.78 1.18 2.24	11.65 1.32 14.51	32.24 1.81 0.00	34.74 2.17 0.00	16.14 1.96 12.17	31.86 2.51 4.00	-27.86 1.65 50.59	34.03 2.69 3.82	45.11 3.21 0.00	53.92 4.31 0.00	73.98 5.79 0.00	52.65 3.45 0.00	70.62 4.14 0.00	47.67 2.63 0.00	39.47 2.22 0.00	35.10 2.06 0.00	28.78 1.62 0.65
PORT_JEFF_3 23555	21.20 1.34 0.00	20.08 1.45 0.00	19.21 1.49 0.00	18.21 1.50 0.00	19.89 1.51 0.00	21.59 1.67 0.00	24.13 2.11 0.00	25.59 2.07 -1.66	37.97 2.26 -10.88	33.55 2.92 -0.19	38.27 3.24 -2.47	41.13 2.79 -11.99	42.19 3.69 -5.15	97.18 2.38 -73.73	79.10 3.66 -40.27	45.90 3.99 0.00	54.79 5.17 0.00	75.09 6.91 0.00	53.04 3.84 0.00	70.88 4.40 0.00	47.64 2.61 0.00	40.98 2.50 -1.23	35.62 2.57 0.00	30.44 2.15 -0.48
PORT_JEFF_4 23616	21.20 1.34 0.00	20.08 1.45 0.00	19.21 1.49 0.00	18.21 1.50 0.00	19.89 1.51 0.00	21.59 1.67 0.00	24.13 2.11 0.00	25.59 2.07 -1.66	37.97 2.26 -10.88	33.55 2.92 -0.19	38.27 3.24 -2.47	41.13 2.79 -11.99	42.19 3.69 -5.15	97.18 2.38 -73.73	79.10 3.66 -40.27	45.90 3.99 0.00	54.79 5.17 0.00	75.09 6.91 0.00	53.04 3.84 0.00	70.88 4.40 0.00	47.64 2.61 0.00	40.98 2.50 -1.23	35.62 2.57 0.00	30.44 2.15 -0.48
PORT_JEFF_IC 23713	21.23 1.37 0.00	20.11 1.48 0.00	19.24 1.52 0.00	18.24 1.54 0.00	19.92 1.55 0.00	21.63 1.71 0.00	24.18 2.15 0.00	25.63 2.12 -1.66	38.03 2.31 -10.88	33.63 3.01 -0.19	38.37 3.34 -2.47	41.23 2.89 -11.99	42.37 3.82 -5.20	101.61 2.48 -78.05	84.45 3.86 -45.43	45.95 4.05 0.00	54.86 5.25 0.00	75.24 7.05 0.00	53.14 3.94 0.00	70.98 4.50 0.00	47.68 2.65 0.00	41.08 2.53 -1.30	35.72 2.67 0.00	30.51 2.22 -0.48
PPL PILGRIM_ST_GT1 24216	21.31 1.45 0.00	20.17 1.54 0.00	19.29 1.57 0.00	18.29 1.59 0.00	19.98 1.60 0.00	21.72 1.80 0.00	24.25 2.23 0.00	25.71 2.20 -1.66	38.12 2.41 -10.88	33.69 3.07 -0.19	38.56 3.52 -2.47	41.26 2.92 -11.99	41.97 3.79 -4.83	73.64 2.32 -50.25	51.09 3.67 -12.26	46.03 4.12 0.00	54.90 5.29 0.00	75.37 7.19 0.00	53.33 4.13 0.00	71.27 4.79 0.00	47.94 2.90 0.00	41.61 2.78 -1.58	35.79 2.74 0.00	30.65 2.36 -0.48
PPL PILGRIM_ST_GT2 24217	21.31 1.45 0.00	20.17 1.54 0.00	19.29 1.57 0.00	18.29 1.59 0.00	19.98 1.60 0.00	21.72 1.80 0.00	24.25 2.23 0.00	25.71 2.20 -1.66	38.12 2.41 -10.88	33.69 3.07 -0.19	38.56 3.52 -2.47	41.26 2.92 -11.99	41.97 3.79 -4.83	73.64 2.32 -50.25	51.09 3.67 -12.26	46.03 4.12 0.00	54.90 5.29 0.00	75.37 7.19 0.00	53.33 4.13 0.00	71.27 4.79 0.00	47.94 2.90 0.00	41.61 2.78 -1.58	35.79 2.74 0.00	30.65 2.36 -0.48
PPL_SHRM_GT3 24213	21.16 1.30 0.00	20.03 1.40 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.58 1.67 0.00	24.19 2.17 0.00	25.61 2.10 -1.66	37.97 2.26 -10.88	33.64 3.01 -0.19	38.21 3.17 -2.47	41.10 2.77 -11.99	42.21 3.70 -5.15	97.79 2.46 -74.26	79.95 3.87 -40.91	46.12 4.22 0.00	55.15 5.54 0.00	75.72 7.54 0.00	53.49 4.29 0.00	71.55 5.07 0.00	48.01 2.98 0.00	41.22 2.71 -1.26	35.62 2.57 0.00	30.40 2.11 -0.48
PPL_SHRM_GT4 24214	21.16 1.30 0.00	20.03 1.40 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.58 1.67 0.00	24.19 2.17 0.00	25.61 2.10 -1.66	37.97 2.26 -10.88	33.64 3.01 -0.19	38.21 3.17 -2.47	41.10 2.77 -11.99	42.21 3.70 -5.15	97.79 2.46 -74.26	79.95 3.87 -40.91	46.12 4.22 0.00	55.15 5.54 0.00	75.72 7.54 0.00	53.49 4.29 0.00	71.55 5.07 0.00	48.01 2.98 0.00	41.22 2.71 -1.26	35.62 2.57 0.00	30.40 2.11 -0.48
PROJECT___ORANGE 1 24174	19.72 -0.13 0.00	18.47 -0.16 0.00	17.58 -0.15 0.00	16.57 -0.13 0.00	18.23 -0.15 0.00	19.83 -0.09 0.00	21.93 -0.09 0.00	21.75 -0.10 0.00	24.77 -0.09 -0.02	30.52 -0.06 -0.14	32.73 -0.05 -0.22	26.40 0.05 0.00	33.42 -0.02 -0.09	21.09 -0.05 -0.05	35.78 -0.04 -0.65	43.46 0.00 -1.55	52.54 0.40 -2.53	72.48 0.62 -3.67	52.44 0.34 -2.90	70.85 0.32 -4.05	47.58 0.09 -2.46	38.95 0.03 -1.66	34.26 -0.02 -1.23	28.37 -0.11 -0.68
PROJECT___ORANGE 2 24166	19.72 -0.13 0.00	18.47 -0.16 0.00	17.58 -0.15 0.00	16.57 -0.13 0.00	18.23 -0.15 0.00	19.83 -0.09 0.00	21.93 -0.09 0.00	21.75 -0.10 0.00	24.77 -0.09 -0.02	30.52 -0.06 -0.14	32.73 -0.05 -0.22	26.40 0.05 0.00	33.42 -0.02 -0.09	21.09 -0.05 -0.05	35.78 -0.04 -0.65	43.46 0.00 -1.55	52.54 0.40 -2.53	72.48 0.62 -3.67	52.44 0.34 -2.90	70.85 0.32 -4.05	47.58 0.09 -2.46	38.95 0.03 -1.66	34.26 -0.02 -1.23	28.37 -0.11 -0.68
PUCKETT___SOLAR 323809	20.41 0.55 0.00	19.03 0.40 0.00	18.11 0.38 0.00	17.07 0.36 0.00	18.74 0.36 0.00	20.47 0.54 0.00	22.72 0.70 0.00	22.57 0.72 0.00	25.75 0.90 -0.01	31.69 1.16 -0.10	33.88 1.17 -0.15	27.34 0.99 0.00	34.56 1.15 -0.06	21.77 0.66 -0.04	36.81 1.20 -0.45	44.31 1.33 -1.07	53.59 2.23 -1.75	73.82 3.10 -2.53	53.25 2.05 -2.00	72.10 2.83 -2.79	48.47 1.76 -1.68	39.81 1.42 -1.14	35.12 1.23 -0.84	29.14 0.87 -0.46
PYRITES___HYD 24023	19.82 -0.04 0.00	18.36 -0.27 0.00	17.43 -0.29 0.00	16.42 -0.29 0.00	18.15 -0.23 0.00	19.69 -0.23 0.00	21.79 -0.23 0.00	21.72 -0.13 0.00	24.66 -0.18 -0.07	30.18 -0.32 -0.11	32.12 -0.55 -0.70	25.65 -0.69 0.00	32.70 -0.69 -0.04	20.71 -0.40 -0.03	34.94 -0.54 -0.32	41.96 -0.71 -0.77	49.73 -1.14 -1.25	68.08 -1.35 -1.24	49.61 -0.56 -0.98	67.53 -0.27 -1.32	45.87 0.04 -0.80	37.75 -0.04 -0.54	33.23 -0.22 -0.40	27.90 -0.12 -0.22

QUAKERRD_115KV_BK1 80622	19.30 -0.55 0.00	18.11 -0.52 0.00	17.27 -0.45 0.00	16.28 -0.43 0.00	17.91 -0.47 0.00	19.57 -0.34 0.00	21.67 -0.35 0.00	21.50 -0.36 0.00	24.52 -0.31 0.00	30.06 -0.37 0.00	32.12 -0.45 0.00	26.07 -0.28 0.00	32.72 -0.63 0.00	20.57 -0.51 0.00	34.41 -0.76 0.00	41.16 -0.75 0.00	49.47 -0.13 0.00	68.11 -0.07 0.00	49.04 -0.16 0.00	65.95 -0.53 0.00	44.35 -0.68 0.00	36.61 -0.65 0.00	32.57 -0.48 0.00	27.27 -0.55 0.00
QUENSBRY_115KV_TB8 356137	21.01 1.16 0.00	19.78 1.15 0.00	18.79 1.06 0.00	17.57 0.87 0.00	19.29 0.91 0.00	20.88 0.95 0.00	23.13 1.11 0.00	23.24 1.00 -0.38	28.50 1.18 -2.48	32.09 1.65 0.00	34.54 1.97 0.00	30.25 1.82 -2.08	36.51 2.49 -0.68	31.21 1.49 -8.64	38.27 2.45 -0.65	45.18 3.27 0.00	53.59 3.98 0.00	73.71 5.53 0.00	53.38 4.18 0.00	72.43 5.95 0.00	48.97 3.94 0.00	40.25 3.00 0.00	35.39 2.34 0.00	29.74 1.83 -0.11
RAMAPO___LBMP 323565	20.94 1.08 0.00	19.66 1.03 0.00	18.68 0.96 0.00	17.57 0.86 0.00	19.23 0.85 0.00	20.90 0.97 0.00	23.16 1.14 0.00	20.78 1.08 2.15	12.14 1.22 13.92	32.11 1.67 0.00	34.59 2.02 0.00	16.51 1.83 11.67	31.86 2.35 3.84	-25.91 1.54 48.53	33.99 2.49 3.67	44.89 2.98 0.00	53.63 4.02 0.00	73.55 5.37 0.00	52.35 3.15 0.00	70.22 3.74 0.00	47.40 2.37 0.00	39.27 2.02 0.00	34.92 1.87 0.00	28.67 1.48 0.62
RANKINE____ 23646	19.61 -0.24 0.00	18.40 -0.23 0.00	17.60 -0.12 0.00	16.63 -0.07 0.00	18.33 -0.05 0.00	20.16 0.24 0.00	22.34 0.32 0.00	22.11 0.26 0.00	25.32 0.48 0.00	31.04 0.60 0.00	33.05 0.49 0.00	26.92 0.57 0.00	33.46 0.11 0.00	20.85 -0.22 0.00	34.90 -0.26 0.00	41.73 -0.17 0.00	50.63 1.02 0.00	69.49 1.31 0.00	49.95 0.76 0.00	67.25 0.77 0.00	44.97 -0.06 0.00	37.19 -0.06 0.00	33.36 0.31 0.00	27.92 0.11 0.00
RAVENSWOOD_GT2_1 24244	21.24 1.38 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.86 1.15 0.00	19.52 1.14 0.00	21.19 1.27 0.00	23.54 1.51 0.00	25.02 1.49 -1.67	37.34 1.68 -10.82	32.71 2.27 0.00	35.25 2.69 0.00	37.82 2.39 -9.08	39.40 3.07 -2.98	60.86 2.04 -37.74	41.30 3.28 -2.85	45.81 3.90 0.00	54.71 5.10 0.00	74.97 6.79 0.00	53.28 4.08 0.00	71.38 4.89 0.00	48.08 3.05 0.00	39.85 2.60 0.00	35.55 2.50 0.00	30.33 2.03 -0.48
RAVENSWOOD_GT2_2 24245	21.24 1.38 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.86 1.15 0.00	19.52 1.14 0.00	21.19 1.27 0.00	23.54 1.51 0.00	25.02 1.49 -1.67	37.34 1.68 -10.82	32.71 2.27 0.00	35.25 2.69 0.00	37.82 2.39 -9.08	39.40 3.07 -2.98	60.86 2.04 -37.74	41.30 3.28 -2.85	45.81 3.90 0.00	54.71 5.10 0.00	74.97 6.79 0.00	53.28 4.08 0.00	71.38 4.89 0.00	48.08 3.05 0.00	39.85 2.60 0.00	35.55 2.50 0.00	30.33 2.03 -0.48
RAVENSWOOD_GT2_3 24246	21.26 1.40 0.00	19.96 1.34 0.00	18.98 1.25 0.00	17.86 1.16 0.00	19.54 1.15 0.00	21.20 1.29 0.00	23.56 1.53 0.00	25.03 1.51 -1.67	37.37 1.70 -10.82	32.73 2.30 0.00	35.28 2.72 0.00	37.84 2.42 -9.08	39.43 3.09 -2.98	60.88 2.06 -37.74	41.32 3.31 -2.85	45.84 3.94 0.00	54.75 5.14 0.00	75.01 6.83 0.00	53.31 4.11 0.00	71.43 4.95 0.00	48.13 3.09 0.00	39.88 2.62 0.00	35.58 2.53 0.00	30.35 2.05 -0.48
RAVENSWOOD_GT2_4 24247	21.26 1.40 0.00	19.96 1.34 0.00	18.98 1.25 0.00	17.86 1.16 0.00	19.54 1.15 0.00	21.20 1.29 0.00	23.56 1.53 0.00	25.03 1.51 -1.67	37.37 1.70 -10.82	32.73 2.30 0.00	35.28 2.72 0.00	37.84 2.42 -9.08	39.43 3.09 -2.98	60.88 2.06 -37.74	41.32 3.31 -2.85	45.84 3.94 0.00	54.75 5.14 0.00	75.01 6.83 0.00	53.31 4.11 0.00	71.43 4.95 0.00	48.13 3.09 0.00	39.88 2.62 0.00	35.58 2.53 0.00	30.35 2.05 -0.48
RAVENSWOOD_GT3_1 24248	21.24 1.38 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.86 1.15 0.00	19.52 1.14 0.00	21.19 1.27 0.00	23.54 1.52 0.00	25.02 1.49 -1.67	37.34 1.68 -10.82	32.71 2.27 0.00	35.26 2.69 0.00	37.82 2.40 -9.08	39.40 3.07 -2.98	60.86 2.05 -37.74	41.30 3.28 -2.85	45.81 3.90 0.00	54.71 5.10 0.00	74.97 6.79 0.00	53.28 4.08 0.00	71.38 4.89 0.00	48.08 3.05 0.00	39.86 2.61 0.00	35.55 2.50 0.00	30.33 2.03 -0.48
RAVENSWOOD_GT3_2 24249	21.24 1.38 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.86 1.15 0.00	19.52 1.14 0.00	21.19 1.27 0.00	23.54 1.52 0.00	25.02 1.49 -1.67	37.34 1.68 -10.82	32.71 2.27 0.00	35.26 2.69 0.00	37.82 2.40 -9.08	39.40 3.07 -2.98	60.86 2.05 -37.74	41.30 3.28 -2.85	45.81 3.90 0.00	54.71 5.10 0.00	74.97 6.79 0.00	53.28 4.08 0.00	71.38 4.89 0.00	48.08 3.05 0.00	39.86 2.61 0.00	35.55 2.50 0.00	30.33 2.03 -0.48
RAVENSWOOD_GT3_3 24250	21.28 1.43 0.00	19.99 1.36 0.00	19.00 1.28 0.00	17.89 1.19 0.00	19.56 1.18 0.00	21.23 1.31 0.00	23.59 1.56 0.00	25.07 1.55 -1.67	37.41 1.75 -10.82	32.79 2.35 0.00	35.35 2.78 0.00	37.90 2.47 -9.08	39.50 3.17 -2.98	60.93 2.11 -37.74	41.40 3.38 -2.85	45.93 4.03 0.00	54.86 5.25 0.00	75.16 6.98 0.00	53.41 4.21 0.00	71.55 5.07 0.00	48.22 3.18 0.00	39.95 2.69 0.00	35.63 2.58 0.00	30.40 2.10 -0.48
RAVENSWOOD_GT3_4 24251	21.29 1.43 0.00	19.99 1.36 0.00	19.00 1.28 0.00	17.89 1.19 0.00	19.56 1.18 0.00	21.23 1.31 0.00	23.58 1.56 0.00	25.07 1.54 -1.67	37.41 1.75 -10.82	32.79 2.35 0.00	35.35 2.78 0.00	37.90 2.47 -9.08	39.49 3.16 -2.98	60.92 2.11 -37.74	41.40 3.38 -2.85	45.93 4.03 0.00	54.86 5.25 0.00	75.16 6.98 0.00	53.41 4.21 0.00	71.55 5.07 0.00	48.22 3.18 0.00	39.95 2.70 0.00	35.63 2.58 0.00	30.40 2.10 -0.48
RAVENSWOOD_GT_1 23729	21.27 1.41 0.00	19.98 1.35 0.00	18.99 1.27 0.00	17.89 1.18 0.00	19.52 1.14 0.00	21.18 1.27 0.00	23.56 1.53 0.00	25.05 1.52 -1.67	37.38 1.72 -10.82	32.76 2.32 0.00	35.33 2.76 0.00	37.87 2.45 -9.08	39.48 3.14 -2.98	60.92 2.10 -37.74	41.37 3.36 -2.85	45.89 3.98 0.00	54.80 5.19 0.00	75.05 6.87 0.00	53.32 4.12 0.00	71.43 4.95 0.00	49.80 3.09 -1.67	39.91 2.66 0.00	35.67 2.62 0.00	30.49 2.14 -0.54
RAVENSWOOD_GT_10 24258	21.24 1.39 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.86 1.15 0.00	19.52 1.14 0.00	21.19 1.28 0.00	23.54 1.52 0.00	25.02 1.50 -1.67	37.35 1.69 -10.82	32.71 2.27 0.00	35.26 2.70 0.00	37.83 2.40 -9.08	39.41 3.08 -2.98	60.87 2.05 -37.74	41.30 3.29 -2.85	45.81 3.91 0.00	54.71 5.11 0.00	74.97 6.79 0.00	53.28 4.08 0.00	71.38 4.90 0.00	48.10 3.06 0.00	39.86 2.61 0.00	35.55 2.50 0.00	30.32 2.03 -0.48
RAVENSWOOD_GT_11 24259	21.24 1.39 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.86 1.15 0.00	19.52 1.14 0.00	21.20 1.28 0.00	23.54 1.52 0.00	25.02 1.50 -1.67	37.35 1.69 -10.82	32.71 2.27 0.00	35.26 2.70 0.00	37.82 2.40 -9.08	39.40 3.07 -2.98	60.87 2.05 -37.74	41.30 3.28 -2.85	45.81 3.90 0.00	54.71 5.10 0.00	74.97 6.79 0.00	53.29 4.09 0.00	71.38 4.90 0.00	48.10 3.07 0.00	39.86 2.61 0.00	35.55 2.50 0.00	30.33 2.03 -0.48

RAVENSWOOD_GT_4 24252	21.25 1.39 0.00	19.96 1.33 0.00	18.97 1.25 0.00	17.86 1.15 0.00	19.54 1.15 0.00	21.21 1.29 0.00	23.56 1.53 0.00	25.03 1.51 -1.67	37.36 1.70 -10.82	32.73 2.29 0.00	35.27 2.71 0.00	37.83 2.41 -9.08	39.41 3.08 -2.98	60.87 2.05 -37.74	41.30 3.29 -2.85	45.83 3.92 0.00	54.73 5.12 0.00	74.99 6.81 0.00	53.28 4.09 0.00	71.41 4.93 0.00	49.39 3.09 -1.27	39.87 2.62 0.00	35.54 2.49 0.00	30.36 2.03 -0.52
RAVENSWOOD_GT_5 24254	21.25 1.39 0.00	19.96 1.33 0.00	18.97 1.25 0.00	17.86 1.15 0.00	19.54 1.15 0.00	21.21 1.29 0.00	23.56 1.53 0.00	25.03 1.51 -1.67	37.36 1.70 -10.82	32.73 2.29 0.00	35.27 2.71 0.00	37.83 2.41 -9.08	39.41 3.08 -2.98	60.87 2.05 -37.74	41.30 3.29 -2.85	45.83 3.92 0.00	54.73 5.12 0.00	74.99 6.81 0.00	53.28 4.09 0.00	71.41 4.93 0.00	49.39 3.09 -1.27	39.87 2.62 0.00	35.54 2.49 0.00	30.36 2.03 -0.52
RAVENSWOOD_GT_6 24253	21.25 1.39 0.00	19.96 1.33 0.00	18.97 1.25 0.00	17.86 1.15 0.00	19.54 1.15 0.00	21.21 1.29 0.00	23.56 1.53 0.00	25.03 1.51 -1.67	37.36 1.70 -10.82	32.73 2.29 0.00	35.27 2.71 0.00	37.83 2.41 -9.08	39.41 3.08 -2.98	60.87 2.05 -37.74	41.30 3.29 -2.85	45.83 3.92 0.00	54.73 5.12 0.00	74.99 6.81 0.00	53.28 4.09 0.00	71.41 4.93 0.00	49.39 3.09 -1.27	39.87 2.62 0.00	35.54 2.49 0.00	30.36 2.03 -0.52
RAVENSWOOD_GT_7 24255	21.25 1.39 0.00	19.96 1.33 0.00	18.97 1.25 0.00	17.86 1.15 0.00	19.54 1.15 0.00	21.21 1.29 0.00	23.56 1.53 0.00	25.03 1.51 -1.67	37.36 1.70 -10.82	32.73 2.29 0.00	35.27 2.71 0.00	37.83 2.41 -9.08	39.41 3.08 -2.98	60.87 2.05 -37.74	41.30 3.29 -2.85	45.83 3.92 0.00	54.73 5.12 0.00	74.99 6.81 0.00	53.28 4.09 0.00	71.41 4.93 0.00	49.39 3.09 -1.27	39.87 2.62 0.00	35.54 2.49 0.00	30.36 2.03 -0.52
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.24 1.39 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.86 1.15 0.00	19.52 1.14 0.00	21.19 1.28 0.00	23.54 1.52 0.00	25.02 1.50 -1.67	37.35 1.69 -10.82	32.71 2.27 0.00	35.26 2.70 0.00	37.83 2.40 -9.08	39.41 3.08 -2.98	60.87 2.05 -37.74	41.30 3.29 -2.85	45.81 3.91 0.00	54.71 5.11 0.00	74.97 6.79 0.00	53.28 4.08 0.00	71.38 4.90 0.00	48.10 3.06 0.00	39.86 2.61 0.00	35.55 2.50 0.00	30.32 2.03 -0.48
RAVENSWOOD_GT_9 24257	21.24 1.39 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.86 1.15 0.00	19.52 1.14 0.00	21.20 1.28 0.00	23.54 1.52 0.00	25.02 1.50 -1.67	37.35 1.69 -10.82	32.71 2.27 0.00	35.26 2.70 0.00	37.82 2.40 -9.08	39.40 3.07 -2.98	60.87 2.05 -37.74	41.30 3.28 -2.85	45.81 3.90 0.00	54.71 5.10 0.00	74.97 6.79 0.00	53.29 4.09 0.00	71.38 4.90 0.00	48.10 3.07 0.00	39.86 2.61 0.00	35.55 2.50 0.00	30.33 2.03 -0.48
RAVENSWOOD___1 23533	21.25 1.40 0.00	19.96 1.34 0.00	18.98 1.25 0.00	17.87 1.17 0.00	19.51 1.12 0.00	21.16 1.25 0.00	23.53 1.51 0.00	25.02 1.50 -1.67	37.36 1.70 -10.82	32.73 2.29 0.00	35.29 2.73 0.00	37.85 2.43 -9.08	39.45 3.12 -2.98	60.90 2.08 -37.74	41.35 3.34 -2.85	45.86 3.95 0.00	54.76 5.15 0.00	75.00 6.81 0.00	53.28 4.08 0.00	71.38 4.90 0.00	48.09 3.06 0.00	39.89 2.64 0.00	35.64 2.59 0.00	30.41 2.12 -0.48
RAVENSWOOD___2 23534	21.21 1.35 0.00	19.92 1.29 0.00	18.94 1.22 0.00	17.83 1.13 0.00	19.41 1.03 0.00	20.99 1.07 0.00	23.34 1.31 0.00	24.83 1.30 -1.67	37.13 1.47 -10.82	32.45 2.01 0.00	35.00 2.43 0.00	37.62 2.19 -9.08	39.15 2.82 -2.98	60.72 1.91 -37.74	41.03 3.02 -2.85	45.48 3.58 0.00	54.31 4.70 0.00	74.39 6.21 0.00	52.85 3.65 0.00	70.79 4.31 0.00	47.71 2.67 0.00	39.58 2.33 0.00	35.49 2.44 0.00	30.35 2.05 -0.48
RAVENSWOOD___3 23535	21.24 1.39 0.00	19.95 1.32 0.00	18.97 1.25 0.00	17.86 1.15 0.00	19.52 1.14 0.00	21.19 1.27 0.00	23.54 1.52 0.00	25.02 1.49 -1.67	37.34 1.68 -10.82	32.71 2.27 0.00	35.26 2.70 0.00	37.82 2.40 -9.08	39.40 3.07 -2.98	60.87 2.05 -37.74	41.30 3.29 -2.85	45.81 3.90 0.00	54.71 5.10 0.00	74.97 6.79 0.00	53.28 4.08 0.00	71.38 4.90 0.00	48.10 3.07 0.00	39.86 2.61 0.00	35.55 2.51 0.00	30.33 2.04 -0.48
RAVENSWOOD___4 23820	21.24 1.38 0.00	19.95 1.32 0.00	18.96 1.24 0.00	17.86 1.15 0.00	19.49 1.11 0.00	21.15 1.23 0.00	23.51 1.49 0.00	25.00 1.48 -1.67	37.33 1.67 -10.82	32.70 2.26 0.00	35.26 2.70 0.00	37.83 2.41 -9.08	39.42 3.09 -2.98	60.88 2.07 -37.74	41.32 3.31 -2.85	45.82 3.92 0.00	54.72 5.11 0.00	74.94 6.76 0.00	53.25 4.05 0.00	71.33 4.85 0.00	46.42 3.03 1.64	39.86 2.61 0.00	35.61 2.56 0.00	30.33 2.09 -0.43
RCPL_TRUST___DRP 24196	21.25 1.39 0.00	19.95 1.33 0.00	18.97 1.25 0.00	17.85 1.15 0.00	19.52 1.14 0.00	21.21 1.29 0.00	23.57 1.55 0.00	25.05 1.52 -1.67	37.38 1.72 -10.83	32.75 2.31 0.00	35.30 2.74 0.00	37.87 2.44 -9.08	39.46 3.13 -2.99	60.92 2.09 -37.76	41.36 3.35 -2.85	45.89 3.98 0.00	54.81 5.20 0.00	75.08 6.90 0.00	53.32 4.12 0.00	71.41 4.93 0.00	48.08 3.05 0.00	39.85 2.60 0.00	35.55 2.50 0.00	30.32 2.03 -0.48
RED___ROCHESTER 323720	19.93 0.07 0.00	18.70 0.08 0.00	17.84 0.12 0.00	16.81 0.10 0.00	18.50 0.11 0.00	20.23 0.31 0.00	22.42 0.39 0.00	22.20 0.35 0.00	25.38 0.54 0.00	31.13 0.69 0.00	33.24 0.68 0.00	27.01 0.66 0.00	33.85 0.50 0.00	21.26 0.18 0.00	35.60 0.44 0.00	42.64 0.73 0.00	51.39 1.78 0.00	70.73 2.54 0.00	50.91 1.71 0.00	68.38 1.90 0.00	45.93 0.90 0.00	37.91 0.66 0.00	33.74 0.69 0.00	28.21 0.40 0.00
REGAN___SOLAR 323812	22.28 2.42 0.00	20.62 1.99 0.00	19.51 1.79 0.00	18.37 1.67 0.00	20.26 1.88 0.00	22.28 2.37 0.00	24.64 2.61 0.00	24.78 2.55 -0.37	30.29 3.04 -2.41	34.00 3.56 0.00	36.21 3.65 0.00	31.18 2.81 -2.02	37.49 3.48 -0.67	31.85 2.36 -8.41	39.48 3.68 -0.64	46.74 4.84 0.00	55.94 6.33 0.00	77.59 9.41 0.00	57.00 7.80 0.00	77.06 10.58 0.00	51.88 6.84 0.00	42.82 5.57 0.00	37.75 4.71 0.00	31.54 3.65 -0.08
RENSSELAER___COGEN 23796	20.29 0.43 0.00	19.12 0.49 0.00	18.19 0.47 0.00	17.12 0.42 0.00	18.79 0.41 0.00	20.37 0.46 0.00	22.52 0.49 0.00	22.68 0.43 -0.39	27.81 0.43 -2.55	30.92 0.48 0.00	33.11 0.55 0.00	29.00 0.52 -2.13	34.72 0.67 -0.70	30.38 0.43 -8.87	36.41 0.57 -0.67	42.59 0.69 0.00	50.50 0.89 0.00	69.51 1.33 0.00	50.20 1.01 0.00	67.73 1.25 0.00	45.95 0.92 0.00	38.02 0.77 0.00	33.74 0.69 0.00	28.52 0.60 -0.11
REPUBLIC_115KV_BARTNBRK 55605	22.11 2.26 0.00	20.74 2.11 0.00	19.70 1.97 0.00	18.25 1.55 0.00	20.04 1.65 0.00	21.78 1.86 0.00	24.26 2.24 0.00	24.20 1.96 -0.38	29.69 2.37 -2.48	33.61 3.17 0.00	36.35 3.79 0.00	31.70 3.27 -2.08	38.56 4.53 -0.68	32.33 2.60 -8.66	40.18 4.36 -0.65	47.77 5.86 0.00	56.44 6.83 0.00	78.00 9.81 0.00	56.82 7.62 0.00	77.63 11.15 0.00	52.37 7.34 0.00	42.78 5.53 0.00	37.44 4.39 0.00	31.51 3.59 -0.11

REVERE_CPPR_DRP 24186	20.48 0.63 0.00	19.02 0.39 0.00	18.06 0.33 0.00	17.01 0.31 0.00	18.74 0.36 0.00	20.48 0.56 0.00	22.73 0.71 0.00	22.76 0.91 0.00	25.97 1.12 -0.01	31.92 1.43 -0.05	34.18 1.53 -0.08	27.66 1.31 0.00	34.98 1.60 -0.03	22.11 1.01 -0.02	37.23 1.84 -0.23	44.62 2.16 -0.56	53.38 2.86 -0.91	73.78 3.83 -1.77	53.51 2.91 -1.40	72.47 4.03 -1.96	48.89 2.67 -1.19	40.19 2.13 -0.81	35.33 1.69 -0.60	29.36 1.22 -0.33
REYNOLDS_115KV_TB3 80639	20.44 0.58 0.00	19.28 0.65 0.00	18.35 0.62 0.00	17.27 0.57 0.00	18.94 0.56 0.00	20.53 0.60 0.00	22.68 0.65 0.00	22.83 0.57 -0.40	28.05 0.60 -2.61	31.17 0.73 0.00	33.40 0.83 0.00	29.33 0.79 -2.19	35.12 1.05 -0.72	30.84 0.66 -9.10	36.79 0.94 -0.69	43.04 1.14 0.00	51.02 1.41 0.00	70.12 1.94 0.00	50.58 1.39 0.00	68.26 1.78 0.00	46.32 1.29 0.00	38.32 1.07 0.00	33.96 0.91 0.00	28.68 0.75 -0.11
RIVERBAY____ 323610	21.40 1.54 0.00	20.02 1.39 0.00	19.02 1.30 0.00	17.89 1.18 0.00	19.54 1.16 0.00	21.32 1.41 0.00	23.75 1.73 0.00	25.21 1.69 -1.67	37.53 1.86 -10.82	32.92 2.48 0.00	35.50 2.93 0.00	38.00 2.58 -9.08	39.75 3.42 -2.98	61.11 2.30 -37.74	41.69 3.67 -2.85	46.22 4.31 0.00	55.22 5.61 0.00	75.57 7.39 0.00	53.76 4.56 0.00	72.05 5.56 0.00	48.65 3.62 0.00	40.36 3.11 0.00	36.04 2.99 0.00	30.64 2.35 -0.48
RIVERSDE_115KV_TB3 55908	20.39 0.53 0.00	19.22 0.59 0.00	18.28 0.56 0.00	17.21 0.51 0.00	18.88 0.50 0.00	20.47 0.55 0.00	22.62 0.60 0.00	22.78 0.53 -0.40	27.97 0.56 -2.57	31.12 0.68 0.00	33.36 0.79 0.00	29.26 0.75 -2.16	35.05 0.99 -0.71	30.68 0.63 -8.97	36.76 0.92 -0.68	43.00 1.10 0.00	51.00 1.39 0.00	70.17 1.99 0.00	50.63 1.43 0.00	68.31 1.83 0.00	46.32 1.29 0.00	38.31 1.06 0.00	33.96 0.91 0.00	28.67 0.75 -0.11
ROARING__BROOK_WT_PWR 323790	19.47 -0.38 0.00	18.22 -0.40 0.00	17.29 -0.43 0.00	16.36 -0.35 0.00	18.04 -0.34 0.00	19.52 -0.40 0.00	21.59 -0.43 0.00	21.36 -0.49 0.00	24.40 -0.44 0.00	29.80 -0.64 0.00	31.85 -0.71 0.00	25.68 -0.67 0.00	32.58 -0.77 0.00	20.63 -0.45 0.00	34.53 -0.63 0.00	41.17 -0.73 0.00	49.16 -0.45 0.00	68.19 0.01 0.00	49.40 0.20 0.00	66.09 -0.39 0.00	44.77 -0.27 0.00	37.03 -0.22 0.00	32.82 -0.22 0.00	27.53 -0.28 0.00
ROCHESRG_115KV_T4 355643	19.68 -0.17 0.00	18.48 -0.14 0.00	17.64 -0.08 0.00	16.62 -0.08 0.00	18.29 -0.09 0.00	20.01 0.09 0.00	22.15 0.12 0.00	21.94 0.09 0.00	25.04 0.21 0.00	30.69 0.26 0.00	32.76 0.20 0.00	26.59 0.25 0.00	33.30 -0.05 0.00	20.90 -0.18 0.00	34.97 -0.19 0.00	41.85 -0.05 0.00	50.41 0.80 0.00	69.36 1.18 0.00	49.93 0.74 0.00	67.13 0.65 0.00	45.12 0.09 0.00	37.25 0.00 0.00	33.20 0.15 0.00	27.80 -0.01 0.00
ROCHESTER_9_IC 23652	19.82 -0.04 0.00	18.60 -0.03 0.00	17.75 0.03 0.00	16.72 0.02 0.00	18.40 0.02 0.00	20.13 0.21 0.00	22.30 0.28 0.00	22.09 0.24 0.00	25.23 0.39 0.00	30.93 0.50 0.00	33.02 0.46 0.00	26.82 0.47 0.00	33.59 0.24 0.00	21.08 0.01 0.00	35.31 0.14 0.00	42.27 0.36 0.00	50.93 1.32 0.00	70.08 1.90 0.00	50.46 1.26 0.00	67.80 1.32 0.00	45.55 0.52 0.00	37.61 0.36 0.00	33.49 0.44 0.00	28.02 0.21 0.00
ROCKVIEW_13_KV_LD 356306	21.24 1.39 0.00	19.95 1.32 0.00	18.97 1.24 0.00	17.85 1.15 0.00	19.53 1.15 0.00	21.20 1.29 0.00	23.54 1.52 0.00	25.02 1.49 -1.67	37.34 1.69 -10.81	32.70 2.26 0.00	35.24 2.67 0.00	37.80 2.38 -9.07	39.38 3.05 -2.98	60.80 2.02 -37.71	41.28 3.27 -2.85	45.80 3.89 0.00	54.71 5.10 0.00	74.96 6.78 0.00	53.33 4.13 0.00	71.53 5.05 0.00	48.22 3.19 0.00	39.93 2.67 0.00	35.57 2.52 0.00	30.32 2.02 -0.48
ROME____115KV_TB2 80656	20.48 0.63 0.00	19.02 0.39 0.00	18.06 0.33 0.00	17.01 0.31 0.00	18.74 0.36 0.00	20.48 0.56 0.00	22.73 0.71 0.00	22.76 0.91 0.00	25.97 1.12 -0.01	31.92 1.43 -0.05	34.18 1.53 -0.08	27.66 1.31 0.00	34.98 1.60 -0.03	22.11 1.01 -0.02	37.23 1.84 -0.23	44.62 2.16 -0.56	53.38 2.86 -0.91	73.78 3.83 -1.77	53.51 2.91 -1.40	72.47 4.03 -1.96	48.89 2.67 -1.19	40.19 2.13 -0.81	35.33 1.69 -0.60	29.36 1.22 -0.33
ROSETON__1 23587	20.89 1.03 0.00	19.63 1.00 0.00	18.67 0.94 0.00	17.57 0.87 0.00	19.24 0.85 0.00	20.88 0.96 0.00	23.14 1.11 0.00	22.92 1.07 0.00	26.03 1.19 0.00	32.04 1.60 0.00	34.48 1.92 0.00	28.08 1.73 0.00	35.57 2.22 0.00	22.53 1.46 0.00	37.49 2.33 0.00	44.64 2.73 0.00	53.23 3.62 0.00	72.98 4.80 0.00	52.09 2.89 0.00	69.95 3.48 0.00	47.25 2.22 0.00	39.13 1.88 0.00	34.81 1.76 0.00	29.21 1.40 0.00
ROSETON__2 23588	20.89 1.03 0.00	19.63 1.00 0.00	18.67 0.94 0.00	17.57 0.87 0.00	19.24 0.85 0.00	20.88 0.96 0.00	23.14 1.11 0.00	22.92 1.07 0.00	26.03 1.19 0.00	32.04 1.60 0.00	34.48 1.92 0.00	28.08 1.73 0.00	35.57 2.22 0.00	22.53 1.46 0.00	37.49 2.33 0.00	44.64 2.73 0.00	53.23 3.62 0.00	72.98 4.80 0.00	52.09 2.89 0.00	69.95 3.48 0.00	47.25 2.22 0.00	39.13 1.88 0.00	34.81 1.76 0.00	29.21 1.40 0.00
ROTTTRDAM_115KV_TB3 80664	20.66 0.81 0.00	19.41 0.78 0.00	18.46 0.74 0.00	17.37 0.67 0.00	19.07 0.68 0.00	20.70 0.78 0.00	22.89 0.86 0.00	23.05 0.83 -0.37	28.18 0.93 -2.41	31.63 1.19 0.00	33.93 1.37 0.00	29.61 1.23 -2.02	35.62 1.60 -0.67	30.52 1.03 -8.41	37.41 1.61 -0.64	43.88 1.98 0.00	52.13 2.52 0.00	71.61 3.43 0.00	51.60 2.40 0.00	69.63 3.15 0.00	47.16 2.13 0.00	39.00 1.75 0.00	34.53 1.48 0.00	29.08 1.16 -0.10
RUSSELL__1 23602	19.93 0.07 0.00	18.70 0.08 0.00	17.84 0.12 0.00	16.81 0.10 0.00	18.50 0.11 0.00	20.23 0.31 0.00	22.41 0.38 0.00	22.20 0.35 0.00	25.37 0.54 0.00	31.13 0.69 0.00	33.23 0.67 0.00	27.00 0.65 0.00	33.83 0.49 0.00	21.25 0.18 0.00	35.59 0.43 0.00	42.63 0.72 0.00	51.38 1.77 0.00	70.72 2.54 0.00	50.92 1.72 0.00	68.37 1.89 0.00	45.93 0.90 0.00	37.91 0.66 0.00	33.75 0.70 0.00	28.21 0.40 0.00
RUSSELL__2 23532	19.93 0.07 0.00	18.70 0.08 0.00	17.84 0.12 0.00	16.81 0.10 0.00	18.50 0.11 0.00	20.23 0.31 0.00	22.41 0.38 0.00	22.20 0.35 0.00	25.37 0.54 0.00	31.13 0.69 0.00	33.23 0.67 0.00	27.00 0.65 0.00	33.83 0.49 0.00	21.25 0.18 0.00	35.59 0.43 0.00	42.63 0.72 0.00	51.38 1.77 0.00	70.72 2.54 0.00	50.92 1.72 0.00	68.37 1.89 0.00	45.93 0.90 0.00	37.91 0.66 0.00	33.75 0.70 0.00	28.21 0.40 0.00
RUSSELL__3 23549	19.93 0.07 0.00	18.70 0.08 0.00	17.84 0.12 0.00	16.81 0.10 0.00	18.50 0.11 0.00	20.23 0.31 0.00	22.41 0.38 0.00	22.20 0.35 0.00	25.37 0.54 0.00	31.13 0.69 0.00	33.23 0.67 0.00	27.00 0.65 0.00	33.83 0.49 0.00	21.25 0.18 0.00	35.59 0.43 0.00	42.63 0.72 0.00	51.38 1.77 0.00	70.72 2.54 0.00	50.92 1.72 0.00	68.37 1.89 0.00	45.93 0.90 0.00	37.91 0.66 0.00	33.75 0.70 0.00	28.21 0.40 0.00

RUSSELL___4 23556	19.93 0.07 0.00	18.70 0.08 0.00	17.84 0.12 0.00	16.81 0.10 0.00	18.50 0.11 0.00	20.23 0.31 0.00	22.41 0.38 0.00	22.20 0.35 0.00	25.37 0.54 0.00	31.13 0.69 0.00	33.23 0.67 0.00	27.00 0.65 0.00	33.83 0.49 0.00	21.25 0.18 0.00	35.59 0.43 0.00	42.63 0.72 0.00	51.38 1.77 0.00	70.72 2.54 0.00	50.92 1.72 0.00	68.37 1.89 0.00	45.93 0.90 0.00	37.91 0.66 0.00	33.75 0.70 0.00	28.21 0.40 0.00
RUSSELL___STATION 23914	19.93 0.07 0.00	18.70 0.08 0.00	17.84 0.12 0.00	16.81 0.10 0.00	18.50 0.11 0.00	20.23 0.31 0.00	22.41 0.38 0.00	22.20 0.35 0.00	25.37 0.54 0.00	31.13 0.69 0.00	33.23 0.67 0.00	27.00 0.65 0.00	33.83 0.49 0.00	21.25 0.18 0.00	35.59 0.43 0.00	42.63 0.72 0.00	51.38 1.77 0.00	70.72 2.54 0.00	50.92 1.72 0.00	68.37 1.89 0.00	45.93 0.90 0.00	37.91 0.66 0.00	33.75 0.70 0.00	28.21 0.40 0.00
S SALMON___HYD 24043	19.44 -0.42 0.00	18.11 -0.52 0.00	17.22 -0.50 0.00	16.24 -0.46 0.00	17.91 -0.47 0.00	19.43 -0.49 0.00	21.48 -0.54 0.00	21.35 -0.50 0.00	24.39 -0.49 -0.04	30.26 -0.54 -0.36	32.36 -0.76 -0.55	25.65 -0.70 0.00	32.55 -1.01 -0.22	20.58 -0.64 -0.14	35.92 -0.89 -1.64	44.61 -1.21 -3.93	55.05 -0.97 -6.40	76.69 -0.37 -8.88	56.14 -0.07 -7.02	76.30 0.04 -9.79	51.14 0.16 -5.95	41.48 0.20 -4.02	36.08 0.05 -2.98	29.35 -0.09 -1.64
S.PERRY___115KV_TB1 80734	20.24 0.39 0.00	18.91 0.29 0.00	18.04 0.31 0.00	17.06 0.36 0.00	18.87 0.49 0.00	20.74 0.82 0.00	23.07 1.05 0.00	22.91 1.06 0.00	26.00 1.17 0.00	31.47 1.03 0.00	32.89 0.33 0.00	26.56 0.21 0.00	33.24 -0.11 0.00	20.82 -0.26 0.00	34.85 -0.31 0.00	41.62 -0.28 0.00	50.34 0.73 0.00	69.45 1.27 0.00	50.33 1.13 0.00	68.32 1.84 0.00	46.15 1.12 0.00	38.11 0.86 0.00	33.84 0.79 0.00	28.83 1.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.47 -0.39 0.00	18.29 -0.34 0.00	17.51 -0.21 0.00	16.53 -0.17 0.00	18.21 -0.17 0.00	20.01 0.09 0.00	22.16 0.14 0.00	21.90 0.05 0.00	25.03 0.19 0.00	30.65 0.21 0.00	32.63 0.07 0.00	26.55 0.20 0.00	32.96 -0.39 0.00	20.53 -0.54 0.00	34.35 -0.81 0.00	41.10 -0.80 0.00	49.87 0.26 0.00	68.48 0.30 0.00	49.29 0.09 0.00	66.33 -0.15 0.00	44.36 -0.67 0.00	36.69 -0.57 0.00	32.94 -0.10 0.00	27.59 -0.22 0.00
SAWYER___23_KV_LOAD 55526	19.47 -0.39 0.00	18.29 -0.34 0.00	17.51 -0.21 0.00	16.53 -0.17 0.00	18.21 -0.17 0.00	20.01 0.09 0.00	22.16 0.14 0.00	21.90 0.05 0.00	25.03 0.19 0.00	30.65 0.21 0.00	32.63 0.07 0.00	26.55 0.20 0.00	32.96 -0.39 0.00	20.53 -0.54 0.00	34.35 -0.81 0.00	41.10 -0.80 0.00	49.87 0.26 0.00	68.48 0.30 0.00	49.29 0.09 0.00	66.33 -0.15 0.00	44.36 -0.67 0.00	36.69 -0.57 0.00	32.94 -0.10 0.00	27.59 -0.22 0.00
SELKIRK___I 23801	20.43 0.58 0.00	19.24 0.61 0.00	18.32 0.60 0.00	17.26 0.55 0.00	18.95 0.57 0.00	20.58 0.66 0.00	22.76 0.74 0.00	22.88 0.67 -0.36	27.84 0.66 -2.34	31.18 0.74 0.00	33.32 0.75 0.00	28.63 0.32 -1.96	34.29 0.30 -0.64	29.42 0.20 -8.14	35.99 0.21 -0.61	42.15 0.25 0.00	49.91 0.30 0.00	68.66 0.48 0.00	49.59 0.39 0.00	66.98 0.50 0.00	45.47 0.44 0.00	37.63 0.38 0.00	33.54 0.49 0.00	28.70 0.79 -0.10
SELKIRK___II 23799	20.37 0.51 0.00	19.18 0.55 0.00	18.25 0.53 0.00	17.19 0.49 0.00	18.86 0.48 0.00	20.46 0.53 0.00	22.61 0.59 0.00	22.76 0.53 -0.38	27.80 0.50 -2.47	30.95 0.52 0.00	33.09 0.53 0.00	28.87 0.45 -2.07	34.60 0.57 -0.68	30.05 0.37 -8.61	36.30 0.49 -0.65	42.47 0.57 0.00	50.36 0.75 0.00	69.24 1.06 0.00	49.91 0.72 0.00	67.38 0.89 0.00	45.71 0.68 0.00	37.83 0.58 0.00	33.60 0.55 0.00	28.47 0.55 -0.11
SENECA OSWGO___HYD 24041	19.47 -0.39 0.00	18.25 -0.38 0.00	17.38 -0.34 0.00	16.37 -0.34 0.00	18.01 -0.37 0.00	19.60 -0.32 0.00	21.63 -0.39 0.00	21.47 -0.38 0.00	24.53 -0.36 -0.06	30.44 -0.47 -0.74	32.79 -0.51 -0.74	26.03 -0.31 0.00	33.15 -0.49 -0.30	20.93 -0.33 -0.18	36.83 -0.53 -2.19	46.57 -0.56 -5.23	57.86 -0.29 -8.54	80.21 -0.29 -12.32	58.67 -0.27 -9.73	79.64 -0.43 -13.58	52.92 -0.37 -8.25	42.49 -0.35 -5.59	36.82 -0.37 -4.14	29.71 -0.37 -2.27
SENECA___115KV_TB3 355854	19.65 -0.21 0.00	18.43 -0.19 0.00	17.63 -0.09 0.00	16.66 -0.04 0.00	18.36 -0.02 0.00	20.20 0.28 0.00	22.39 0.36 0.00	22.16 0.30 0.00	25.37 0.53 0.00	31.11 0.67 0.00	33.13 0.56 0.00	26.98 0.63 0.00	33.53 0.19 0.00	20.90 -0.17 0.00	34.99 -0.17 0.00	41.83 -0.07 0.00	50.75 1.14 0.00	69.64 1.46 0.00	50.07 0.87 0.00	67.40 0.92 0.00	45.07 0.03 0.00	37.28 0.03 0.00	33.43 0.38 0.00	27.98 0.17 0.00
SENECA___ENERGY 23797	19.80 -0.05 0.00	18.52 -0.11 0.00	17.64 -0.09 0.00	16.63 -0.08 0.00	18.31 -0.07 0.00	20.00 0.08 0.00	22.18 0.16 0.00	22.05 0.20 0.00	25.22 0.36 -0.02	31.05 0.42 -0.20	33.28 0.41 -0.30	26.74 0.39 0.00	33.85 0.38 -0.12	21.33 0.18 -0.08	36.32 0.26 -0.91	44.52 0.45 -2.17	54.37 1.23 -3.53	75.01 1.72 -5.11	54.37 1.13 -4.04	73.52 1.40 -5.64	49.10 0.64 -3.42	40.03 0.47 -2.32	35.18 0.42 -1.72	28.97 0.22 -0.94
SHOEMAKER___GT 23640	20.78 0.92 0.00	19.53 0.90 0.00	18.56 0.84 0.00	17.47 0.77 0.00	19.14 0.76 0.00	20.77 0.85 0.00	23.00 0.97 0.00	21.49 0.94 1.30	17.49 1.07 8.42	31.88 1.45 0.00	34.31 1.74 0.00	20.87 1.58 7.06	33.05 2.03 2.32	-6.99 1.30 29.37	35.05 2.10 2.22	44.36 2.46 0.00	52.93 3.32 0.00	72.62 4.43 0.00	51.87 2.68 0.00	69.75 3.27 0.00	47.15 2.11 0.00	39.02 1.76 0.00	34.66 1.61 0.00	28.69 1.25 0.38
SHOEMAKR_138KV_BK 111 55601	20.77 0.92 0.00	19.51 0.88 0.00	18.55 0.83 0.00	17.46 0.76 0.00	19.13 0.75 0.00	20.77 0.85 0.00	23.00 0.97 0.00	21.55 0.93 1.24	17.91 1.06 7.98	31.88 1.44 0.00	34.30 1.74 0.00	21.23 1.58 6.69	33.17 2.02 2.20	-5.46 1.31 27.84	35.16 2.11 2.10	44.38 2.48 0.00	52.95 3.34 0.00	72.64 4.46 0.00	51.89 2.69 0.00	69.75 3.27 0.00	47.13 2.10 0.00	39.01 1.76 0.00	34.66 1.61 0.00	28.71 1.26 0.36
SHOREHAM_IC_1 23715	21.16 1.30 0.00	20.03 1.40 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.58 1.67 0.00	24.19 2.17 0.00	25.61 2.10 -1.66	37.97 2.26 -10.88	33.64 3.01 -0.19	38.21 3.17 -2.47	41.10 2.77 -11.99	42.21 3.70 -5.15	97.79 2.46 -74.26	79.95 3.87 -40.91	46.12 4.22 0.00	55.15 5.54 0.00	75.72 7.54 0.00	53.49 4.29 0.00	71.55 5.07 0.00	48.01 2.98 0.00	41.22 2.71 -1.26	35.62 2.57 0.00	30.40 2.11 -0.48
SHOREHAM_IC_2 23716	21.16 1.30 0.00	20.03 1.40 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.58 1.67 0.00	24.19 2.17 0.00	25.61 2.10 -1.66	37.97 2.26 -10.88	33.64 3.01 -0.19	38.21 3.17 -2.47	41.10 2.77 -11.99	42.21 3.70 -5.15	97.79 2.46 -74.26	79.95 3.87 -40.91	46.12 4.22 0.00	55.15 5.54 0.00	75.72 7.54 0.00	53.49 4.29 0.00	71.55 5.07 0.00	48.01 2.98 0.00	41.22 2.71 -1.26	35.62 2.57 0.00	30.40 2.11 -0.48

SISSONVILLE____ 23735	19.33 -0.52 0.00	17.93 -0.70 0.00	17.02 -0.70 0.00	16.03 -0.67 0.00	17.73 -0.65 0.00	19.15 -0.76 0.00	21.16 -0.87 0.00	21.07 -0.78 0.00	23.95 -0.89 -0.01	29.34 -1.17 -0.08	31.15 -1.53 -0.12	24.84 -1.52 0.00	31.72 -1.68 -0.05	20.10 -1.01 -0.03	33.94 -1.57 -0.35	40.80 -1.93 -0.83	48.49 -2.48 -1.36	66.57 -2.95 -1.35	48.49 -1.76 -1.06	65.92 -1.99 -1.43	44.81 -1.09 -0.87	36.88 -0.97 -0.59	32.45 -1.03 -0.44	27.27 -0.78 -0.24
SITHE_IND_GS1 24169	19.27 -0.59 0.00	18.08 -0.55 0.00	17.20 -0.52 0.00	16.21 -0.49 0.00	17.84 -0.54 0.00	19.37 -0.55 0.00	21.40 -0.63 0.00	21.23 -0.63 0.00	23.99 -0.69 0.16	28.24 -0.84 1.36	29.54 -0.92 2.11	25.67 -0.68 0.00	31.57 -0.94 0.84	19.93 -0.62 0.53	27.89 -1.01 6.26	25.81 -1.15 14.94	24.13 -1.09 24.40	31.25 -1.45 35.48	20.07 -1.09 28.03	25.81 -1.56 39.11	20.12 -1.15 23.76	20.19 -0.97 16.09	20.25 -0.88 11.92	20.47 -0.80 6.54
SITHE_IND_GS2 24170	19.27 -0.59 0.00	18.08 -0.55 0.00	17.20 -0.52 0.00	16.21 -0.49 0.00	17.84 -0.54 0.00	19.37 -0.55 0.00	21.40 -0.63 0.00	21.23 -0.63 0.00	23.99 -0.69 0.16	28.24 -0.84 1.36	29.54 -0.92 2.11	25.67 -0.68 0.00	31.57 -0.94 0.84	19.93 -0.62 0.53	27.89 -1.01 6.26	25.81 -1.15 14.94	24.13 -1.09 24.40	31.25 -1.45 35.48	20.07 -1.09 28.03	25.81 -1.56 39.11	20.12 -1.15 23.76	20.19 -0.97 16.09	20.25 -0.88 11.92	20.47 -0.80 6.54
SITHE_IND_GS3 24171	19.27 -0.59 0.00	18.08 -0.55 0.00	17.20 -0.52 0.00	16.21 -0.49 0.00	17.84 -0.54 0.00	19.37 -0.55 0.00	21.40 -0.63 0.00	21.23 -0.63 0.00	23.99 -0.69 0.16	28.24 -0.84 1.36	29.54 -0.92 2.11	25.67 -0.68 0.00	31.57 -0.94 0.84	19.93 -0.62 0.53	27.89 -1.01 6.26	25.81 -1.15 14.94	24.13 -1.09 24.40	31.25 -1.45 35.48	20.07 -1.09 28.03	25.81 -1.56 39.11	20.12 -1.15 23.76	20.19 -0.97 16.09	20.25 -0.88 11.92	20.47 -0.80 6.54
SITHE_IND_GS4 24172	19.27 -0.59 0.00	18.08 -0.55 0.00	17.20 -0.52 0.00	16.21 -0.49 0.00	17.84 -0.54 0.00	19.37 -0.55 0.00	21.40 -0.63 0.00	21.23 -0.63 0.00	23.99 -0.69 0.16	28.24 -0.84 1.36	29.54 -0.92 2.11	25.67 -0.68 0.00	31.57 -0.94 0.84	19.93 -0.62 0.53	27.89 -1.01 6.26	25.81 -1.15 14.94	24.13 -1.09 24.40	31.25 -1.45 35.48	20.07 -1.09 28.03	25.81 -1.56 39.11	20.12 -1.15 23.76	20.19 -0.97 16.09	20.25 -0.88 11.92	20.47 -0.80 6.54
SITHE____BATAVIA 24024	20.08 0.23 0.00	18.82 0.19 0.00	17.98 0.25 0.00	16.95 0.25 0.00	18.67 0.28 0.00	20.53 0.61 0.00	22.80 0.78 0.00	22.57 0.71 0.00	25.77 0.93 0.00	31.51 1.07 0.00	33.53 0.97 0.00	27.25 0.90 0.00	33.92 0.58 0.00	21.21 0.13 0.00	35.53 0.36 0.00	42.61 0.71 0.00	51.67 2.06 0.00	71.30 3.12 0.00	51.46 2.27 0.00	69.19 2.71 0.00	46.31 1.28 0.00	38.27 1.02 0.00	34.20 1.15 0.00	28.54 0.73 0.00
SITHE____INDEPEND 23800	19.27 -0.58 0.00	18.08 -0.55 0.00	17.21 -0.52 0.00	16.21 -0.49 0.00	17.84 -0.54 0.00	19.37 -0.55 0.00	21.40 -0.63 0.00	21.23 -0.63 0.00	23.99 -0.69 0.16	28.24 -0.84 1.36	29.54 -0.92 2.11	25.66 -0.69 0.00	31.56 -0.94 0.84	19.93 -0.62 0.53	27.89 -1.01 6.26	25.80 -1.16 14.94	24.13 -1.09 24.40	31.25 -1.45 35.48	20.07 -1.10 28.03	25.81 -1.56 39.11	20.11 -1.16 23.76	20.19 -0.97 16.09	20.25 -0.88 11.92	20.47 -0.79 6.54
SITHE____MASSENA 23902	19.75 -0.11 0.00	18.46 -0.17 0.00	17.55 -0.18 0.00	16.53 -0.17 0.00	18.26 -0.12 0.00	19.74 -0.18 0.00	21.85 -0.18 0.00	21.75 -0.10 0.00	24.69 -0.15 0.00	30.16 -0.28 0.00	32.11 -0.45 0.00	25.79 -0.56 0.00	32.75 -0.60 0.00	20.72 -0.35 0.00	34.68 -0.48 0.00	41.32 -0.59 0.00	48.52 -1.09 0.00	66.64 -1.54 0.00	48.38 -0.82 0.00	65.58 -0.90 0.00	44.53 -0.50 0.00	36.80 -0.45 0.00	32.64 -0.41 0.00	27.58 -0.23 0.00
SITHE____OGDNSBRG 24021	19.90 0.04 0.00	18.51 -0.12 0.00	17.59 -0.14 0.00	16.56 -0.14 0.00	18.31 -0.07 0.00	19.82 -0.09 0.00	21.94 -0.08 0.00	21.86 0.01 0.00	24.80 -0.04 -0.01	30.33 -0.17 -0.06	32.31 -0.35 -0.09	25.83 -0.52 0.00	32.89 -0.49 -0.04	20.82 -0.28 -0.02	35.08 -0.36 -0.27	42.09 -0.46 -0.64	49.74 -0.92 -1.05	68.01 -1.22 -1.04	49.54 -0.47 -0.81	66.31 -0.17 0.00	45.12 0.09 0.00	37.27 0.02 0.00	32.93 -0.11 0.00	27.79 -0.02 0.00
SITHE____STERLING 23777	20.36 0.50 0.00	18.95 0.32 0.00	18.00 0.28 0.00	16.96 0.25 0.00	18.66 0.28 0.00	20.37 0.46 0.00	22.59 0.56 0.00	22.51 0.66 0.00	25.66 0.82 -0.01	31.56 1.06 -0.07	33.81 1.14 -0.10	27.35 1.00 0.00	34.61 1.22 0.76	21.86 0.76 -0.03	36.86 1.39 -0.30	44.23 1.61 -0.72	52.99 2.21 -1.17	73.22 3.07 -1.96	53.02 2.27 -1.55	71.77 3.12 -2.17	48.43 2.07 -1.32	39.78 1.63 -0.89	34.99 1.29 -0.66	29.08 0.90 -0.36
SLEIGHT__34_KV_TB1 80719	20.25 0.39 0.00	18.90 0.27 0.00	17.98 0.25 0.00	16.92 0.22 0.00	18.69 0.31 0.00	20.43 0.51 0.00	22.66 0.63 0.00	22.51 0.66 0.00	25.77 0.91 -0.02	31.73 1.13 -0.16	34.04 1.23 -0.25	27.42 1.07 0.00	34.75 1.30 -0.10	21.93 0.79 -0.06	37.19 1.30 -0.73	45.40 1.75 -1.75	55.26 2.79 -2.86	76.17 3.86 -4.13	55.19 2.73 -3.26	74.49 3.46 -4.55	49.72 1.93 -2.76	40.69 1.57 -1.87	35.72 1.29 -1.38	29.43 0.86 -0.76
SOUTH CAIRO____GT 23612	21.07 1.21 0.00	19.83 1.21 0.00	18.86 1.14 0.00	17.76 1.05 0.00	19.49 1.11 0.00	21.17 1.25 0.00	23.44 1.42 0.00	23.55 1.40 -0.30	28.23 1.48 -1.92	32.03 1.59 0.00	34.09 1.53 0.00	29.19 1.23 -1.61	35.44 1.56 -0.53	28.78 1.02 -6.68	37.26 1.60 -0.51	43.97 2.07 0.00	52.17 2.56 0.00	71.99 3.81 0.00	52.41 3.22 0.00	71.11 4.63 0.00	48.30 3.27 0.00	39.86 2.61 0.00	35.16 2.11 0.00	29.65 1.76 -0.08
SOUTH HAMPTN____IC 23720	21.58 1.72 0.00	20.43 1.80 0.00	19.56 1.83 0.00	18.53 1.83 0.00	20.25 1.87 0.00	21.99 2.07 0.00	24.65 2.62 0.00	26.10 2.59 -1.66	38.61 2.90 -10.88	34.46 3.83 -0.19	39.16 4.12 -2.47	41.95 3.61 -11.99	43.29 4.80 -5.14	97.30 3.16 -73.06	79.69 5.05 -39.48	47.33 5.42 0.00	56.69 7.08 0.00	77.79 9.60 0.00	54.88 5.68 0.00	73.50 7.02 0.00	49.24 4.21 0.00	42.20 3.71 -1.24	36.50 3.45 0.00	31.08 2.79 -0.48
SOUTHDOW_115KV_TB1 355954	20.05 0.19 0.00	18.69 0.06 0.00	17.88 0.15 0.00	16.98 0.28 0.00	18.74 0.36 0.00	20.61 0.69 0.00	22.95 0.93 0.00	22.94 1.09 0.00	26.41 1.57 0.00	32.52 2.08 0.00	34.63 2.07 0.00	28.15 1.80 0.00	35.02 1.68 0.00	21.79 0.72 0.00	36.16 1.00 0.00	43.12 1.21 0.00	52.23 2.62 0.00	71.35 3.17 0.00	51.01 1.81 0.00	68.67 2.19 0.00	46.47 1.44 0.00	38.52 1.26 0.00	34.50 1.45 0.00	28.92 1.11 0.00
SOUTHOLD_69_KV_BK 2 55809	22.07 2.22 0.00	20.89 2.26 0.00	20.00 2.27 0.00	18.95 2.24 0.00	20.71 2.32 0.00	22.48 2.56 0.00	25.21 3.19 0.00	26.70 3.19 -1.66	39.35 3.64 -10.88	35.39 4.76 -0.19	40.18 5.14 -2.47	42.85 4.51 -11.99	44.43 5.95 -5.14	98.06 3.91 -73.07	81.01 6.35 -39.50	47.54 5.64 0.00	57.49 7.87 0.00	78.91 10.73 0.00	55.61 6.41 0.00	75.61 9.13 0.00	50.67 5.63 0.00	43.40 4.91 -1.24	37.54 4.49 0.00	31.87 3.59 -0.48

SOUTHOLD___IC 23719	22.07 2.22 0.00	20.89 2.26 0.00	20.00 2.27 0.00	18.95 2.24 0.00	20.71 2.32 0.00	22.47 2.55 0.00	25.21 3.19 0.00	26.70 3.19 -1.66	39.35 3.64 -10.88	35.39 4.76 -0.19	40.18 5.14 -2.47	42.85 4.51 -11.99	44.43 5.94 -5.14	98.06 3.91 -73.07	81.01 6.35 -39.50	47.53 5.63 0.00	57.48 7.87 0.00	78.91 10.73 0.00	55.60 6.40 0.00	75.61 9.13 0.00	50.66 5.63 0.00	43.39 4.90 -1.24	37.54 4.49 0.00	31.88 3.59 -0.48
SPIERFLS_115KV_TB 1 80737	20.83 0.97 0.00	19.60 0.97 0.00	18.62 0.90 0.00	17.44 0.73 0.00	19.14 0.76 0.00	20.72 0.81 0.00	22.96 0.93 0.00	23.07 0.84 -0.38	28.30 0.99 -2.48	31.82 1.38 0.00	34.22 1.66 0.00	30.01 1.58 -2.08	36.19 2.16 -0.68	31.00 1.29 -8.63	37.92 2.11 -0.65	44.74 2.84 0.00	53.09 3.48 0.00	72.99 4.81 0.00	52.81 3.61 0.00	71.58 5.10 0.00	48.42 3.39 0.00	39.84 2.59 0.00	35.06 2.01 0.00	29.46 1.55 -0.11
ST LAWRENCE____ 23600	19.58 -0.27 0.00	18.35 -0.28 0.00	17.44 -0.28 0.00	16.44 -0.27 0.00	18.15 -0.24 0.00	19.60 -0.31 0.00	21.69 -0.33 0.00	21.60 -0.26 0.00	24.50 -0.34 0.00	29.93 -0.50 0.00	31.89 -0.67 0.00	25.64 -0.71 0.00	32.53 -0.82 0.00	20.58 -0.49 0.00	34.44 -0.73 0.00	41.03 -0.87 0.00	48.13 -1.48 0.00	66.04 -2.14 0.00	47.92 -1.28 0.00	64.95 -1.53 0.00	44.09 -0.95 0.00	36.44 -0.81 0.00	32.34 -0.70 0.00	27.34 -0.47 0.00
STATE_CA_115KV_115_LB 55624	20.42 0.57 0.00	19.22 0.60 0.00	18.28 0.56 0.00	17.22 0.51 0.00	18.89 0.51 0.00	20.50 0.58 0.00	22.66 0.64 0.00	22.83 0.58 -0.39	28.01 0.63 -2.54	31.21 0.77 0.00	33.47 0.90 0.00	29.32 0.85 -2.13	35.17 1.12 -0.70	30.64 0.72 -8.84	36.91 1.08 -0.67	43.21 1.30 0.00	51.27 1.66 0.00	70.57 2.39 0.00	50.73 1.54 0.00	68.44 1.96 0.00	46.40 1.36 0.00	38.35 1.10 0.00	34.00 0.95 0.00	28.70 0.78 -0.11
STATE_ST_34_KV_LOAD 55959	20.12 0.26 0.00	18.88 0.25 0.00	17.99 0.27 0.00	16.92 0.21 0.00	18.63 0.25 0.00	20.25 0.33 0.00	22.40 0.38 0.00	22.25 0.40 0.00	25.43 0.57 -0.03	31.32 0.65 -0.24	33.60 0.67 -0.36	26.89 0.54 0.00	34.19 0.70 -0.15	21.62 0.45 -0.09	36.91 0.66 -1.09	45.50 1.01 -2.59	55.65 1.81 -4.23	76.73 2.42 -6.13	55.77 1.73 -4.84	75.44 2.20 -6.76	50.27 1.13 -4.10	41.01 0.98 -2.78	35.93 0.82 -2.06	29.47 0.52 -1.13
STATION 5_MISC_HYD 23604	19.82 -0.04 0.00	18.60 -0.03 0.00	17.75 0.03 0.00	16.72 0.02 0.00	18.40 0.02 0.00	20.13 0.21 0.00	22.31 0.28 0.00	22.09 0.24 0.00	25.23 0.39 0.00	30.93 0.50 0.00	33.03 0.46 0.00	26.82 0.47 0.00	33.60 0.26 0.00	21.09 0.02 0.00	35.31 0.15 0.00	42.27 0.37 0.00	50.94 1.33 0.00	70.08 1.90 0.00	50.45 1.25 0.00	67.79 1.32 0.00	45.55 0.52 0.00	37.61 0.36 0.00	33.49 0.44 0.00	28.02 0.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.94 0.09 0.00	18.66 0.03 0.00	17.79 0.06 0.00	16.76 0.05 0.00	18.43 0.05 0.00	20.17 0.25 0.00	22.36 0.34 0.00	22.22 0.37 0.00	25.39 0.55 -0.01	31.19 0.70 -0.05	33.35 0.71 -0.08	27.01 0.66 0.00	33.97 0.59 -0.03	21.38 0.28 -0.02	35.96 0.57 -0.23	43.29 0.84 -0.55	52.30 1.79 -0.90	72.02 2.54 -1.29	51.93 1.72 -1.02	69.91 2.01 -1.43	46.90 1.00 -0.86	38.57 0.74 -0.58	34.17 0.69 -0.43	28.46 0.41 -0.24
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.71 -0.15 0.00	18.49 -0.14 0.00	17.65 -0.08 0.00	16.62 -0.08 0.00	18.28 -0.10 0.00	20.00 0.08 0.00	22.15 0.13 0.00	21.96 0.11 0.00	25.09 0.26 0.00	30.78 0.34 0.00	32.88 0.31 0.00	26.70 0.35 0.00	33.47 0.12 0.00	21.03 -0.05 0.00	35.21 0.04 0.00	42.15 0.25 0.00	50.76 1.15 0.00	69.86 1.67 0.00	50.27 1.08 0.00	67.56 1.08 0.00	45.39 0.35 0.00	37.45 0.20 0.00	33.33 0.28 0.00	27.88 0.07 0.00
STA_56___34_KV_BUS2 355983	19.71 -0.15 0.00	18.49 -0.14 0.00	17.65 -0.08 0.00	16.62 -0.08 0.00	18.28 -0.10 0.00	20.00 0.08 0.00	22.15 0.13 0.00	21.96 0.11 0.00	25.09 0.26 0.00	30.78 0.34 0.00	32.88 0.31 0.00	26.70 0.35 0.00	33.47 0.12 0.00	21.03 -0.05 0.00	35.21 0.04 0.00	42.15 0.25 0.00	50.76 1.15 0.00	69.86 1.67 0.00	50.27 1.08 0.00	67.56 1.08 0.00	45.39 0.35 0.00	37.45 0.20 0.00	33.33 0.28 0.00	27.88 0.07 0.00
STA_67___115KV_BK2 355882	19.77 -0.09 0.00	18.56 -0.07 0.00	17.71 -0.01 0.00	16.69 -0.02 0.00	18.36 -0.02 0.00	20.09 0.17 0.00	22.24 0.22 0.00	22.04 0.19 0.00	25.16 0.33 0.00	30.84 0.40 0.00	32.93 0.37 0.00	26.73 0.38 0.00	33.47 0.13 0.00	21.01 -0.06 0.00	35.18 0.01 0.00	42.10 0.20 0.00	50.72 1.11 0.00	69.81 1.63 0.00	50.27 1.07 0.00	67.55 1.07 0.00	45.39 0.36 0.00	37.47 0.22 0.00	33.38 0.34 0.00	27.94 0.13 0.00
STA_7___115KV_9TRANS 80674	19.93 0.07 0.00	18.70 0.08 0.00	17.84 0.12 0.00	16.81 0.10 0.00	18.50 0.11 0.00	20.23 0.31 0.00	22.41 0.38 0.00	22.20 0.35 0.00	25.37 0.54 0.00	31.13 0.69 0.00	33.23 0.67 0.00	27.00 0.65 0.00	33.83 0.49 0.00	21.25 0.18 0.00	35.59 0.43 0.00	42.63 0.72 0.00	51.38 1.77 0.00	70.72 2.54 0.00	50.92 1.72 0.00	68.37 1.89 0.00	45.93 0.90 0.00	37.91 0.66 0.00	33.75 0.70 0.00	28.21 0.40 0.00
STA_82___115KV_TB1 80780	19.78 -0.08 0.00	18.57 -0.06 0.00	17.72 0.00 0.00	16.70 -0.01 0.00	18.37 -0.01 0.00	20.09 0.17 0.00	22.26 0.23 0.00	22.05 0.20 0.00	25.18 0.34 0.00	30.86 0.42 0.00	32.94 0.37 0.00	26.74 0.39 0.00	33.49 0.15 0.00	21.02 -0.06 0.00	35.19 0.02 0.00	42.13 0.22 0.00	50.76 1.15 0.00	69.86 1.68 0.00	50.31 1.11 0.00	67.60 1.12 0.00	45.43 0.39 0.00	37.50 0.25 0.00	33.41 0.36 0.00	27.96 0.15 0.00
STEEL___WIND 323596	19.61 -0.25 0.00	18.40 -0.23 0.00	17.59 -0.13 0.00	16.63 -0.07 0.00	18.33 -0.05 0.00	20.17 0.25 0.00	22.37 0.35 0.00	22.13 0.28 0.00	25.35 0.51 0.00	31.07 0.63 0.00	33.09 0.53 0.00	26.95 0.60 0.00	33.50 0.15 0.00	20.87 -0.20 0.00	34.94 -0.22 0.00	41.78 -0.13 0.00	50.70 1.09 0.00	69.57 1.39 0.00	50.00 0.80 0.00	67.33 0.86 0.00	45.04 0.00 0.00	37.26 0.00 0.00	33.42 0.37 0.00	27.95 0.14 0.00
STEPHTWN_115KV_BK_2 55603	20.48 0.62 0.00	19.25 0.63 0.00	18.30 0.58 0.00	17.24 0.54 0.00	18.93 0.55 0.00	20.55 0.63 0.00	22.83 0.80 0.00	23.01 0.77 -0.39	28.20 0.81 -2.55	31.38 0.94 0.00	33.60 1.03 0.00	29.43 0.95 -2.13	35.27 1.22 -0.70	30.73 0.78 -8.87	37.04 1.21 -0.67	43.36 1.45 0.00	51.43 1.82 0.00	70.75 2.57 0.00	51.01 1.81 0.00	68.96 2.48 0.00	46.63 1.60 0.00	38.49 1.23 0.00	34.11 1.06 0.00	28.86 0.94 -0.11
STEUBEN_REC_LFGE 323667	19.56 -0.29 0.00	18.36 -0.27 0.00	17.44 -0.28 0.00	16.58 -0.12 0.00	18.42 0.04 0.00	20.18 0.26 0.00	22.51 0.48 0.00	22.40 0.55 0.00	25.89 1.04 -0.01	31.84 1.33 -0.07	33.82 1.15 -0.11	27.45 1.10 0.00	34.29 0.90 -0.04	21.35 0.25 -0.03	35.95 0.46 -0.32	43.30 0.63 -0.77	52.84 1.97 -1.26	73.00 3.00 -1.81	52.70 2.07 -1.44	71.16 2.68 -2.00	47.50 1.26 -1.21	38.94 0.87 -0.82	34.59 0.93 -0.61	28.78 0.63 -0.33

STONY___BROOK 24151	21.26 1.41 0.00	20.16 1.53 0.00	19.29 1.56 0.00	18.28 1.57 0.00	19.97 1.58 0.00	21.66 1.74 0.00	24.21 2.19 0.00	25.67 2.16 -1.66	38.08 2.37 -10.88	33.71 3.09 -0.19	38.48 3.45 -2.47	41.32 2.98 -11.99	42.55 3.96 -5.24	104.70 2.58 -81.04	88.22 4.06 -49.00	46.23 4.33 0.00	55.21 5.60 -0.01	75.74 7.56 0.00	53.49 4.29 0.00	71.45 4.97 0.00	47.98 2.95 0.00	41.30 2.74 -1.31	35.83 2.78 0.00	30.59 2.30 -0.48
STURGEON_POOL_HYD 23609	20.99 1.14 0.00	19.67 1.04 0.00	18.70 0.97 0.00	17.60 0.90 0.00	19.26 0.88 0.00	20.94 1.02 0.00	23.22 1.19 0.00	23.01 1.16 0.00	26.16 1.33 0.00	32.29 1.85 0.00	34.82 2.25 0.00	28.46 2.11 0.00	36.11 2.76 0.00	22.88 1.81 0.00	38.06 2.90 0.00	45.32 3.41 0.00	54.15 4.54 0.00	74.17 5.99 0.00	52.74 3.54 0.00	70.73 4.25 0.00	47.69 2.66 0.00	39.51 2.26 0.00	35.11 2.06 0.00	29.35 1.54 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.89 1.03 0.00	19.59 0.97 0.00	18.61 0.89 0.00	17.52 0.81 0.00	19.18 0.80 0.00	20.86 0.94 0.00	23.12 1.10 0.00	21.37 1.05 1.53	16.13 1.19 9.89	32.05 1.61 0.00	34.51 1.94 0.00	19.82 1.76 8.29	32.88 2.27 2.73	-11.92 1.50 34.49	34.98 2.42 2.60	44.78 2.87 0.00	53.47 3.86 0.00	73.36 5.17 0.00	52.30 3.10 0.00	70.22 3.74 0.00	47.41 2.38 0.00	39.24 1.99 0.00	34.88 1.83 0.00	28.80 1.43 0.44
SWANROAD_115KV_TB1 355699	19.15 -0.71 0.00	18.01 -0.62 0.00	17.24 -0.48 0.00	16.26 -0.44 0.00	17.92 -0.47 0.00	19.69 -0.23 0.00	21.82 -0.21 0.00	21.48 -0.37 0.00	24.50 -0.34 0.00	29.98 -0.45 0.00	31.87 -0.70 0.00	25.93 -0.42 0.00	32.14 -1.20 0.00	20.02 -1.05 0.00	33.45 -1.72 0.00	40.03 -1.87 0.00	48.59 -1.02 0.00	66.82 -1.36 0.00	48.20 -1.00 0.00	64.80 -1.68 0.00	43.34 -1.69 0.00	35.85 -1.40 0.00	32.28 -0.77 0.00	27.04 -0.77 0.00
SYNERGY___BIOGAS 323694	20.08 0.23 0.00	18.82 0.19 0.00	17.98 0.25 0.00	16.95 0.25 0.00	18.67 0.28 0.00	20.53 0.61 0.00	22.80 0.78 0.00	22.57 0.71 0.00	25.77 0.93 0.00	31.51 1.07 0.00	33.53 0.97 0.00	27.25 0.90 0.00	33.92 0.58 0.00	21.21 0.13 0.00	35.53 0.36 0.00	42.61 0.71 0.00	51.67 2.06 0.00	71.30 3.12 0.00	51.46 2.27 0.00	69.19 2.71 0.00	46.31 1.28 0.00	38.27 1.02 0.00	34.20 1.15 0.00	28.54 0.73 0.00
SYRACUSE___ENERGY_ST1 323597	19.83 -0.03 0.00	18.54 -0.09 0.00	17.64 -0.09 0.00	16.62 -0.08 0.00	18.29 -0.09 0.00	19.92 0.01 0.00	22.04 0.02 0.00	21.88 0.03 0.00	24.95 0.08 -0.03	30.82 0.12 -0.26	33.11 0.14 -0.41	26.53 0.18 0.00	33.69 0.18 -0.16	21.27 0.10 -0.10	36.56 0.18 -1.22	45.10 0.29 -2.91	55.11 0.75 -4.74	76.12 1.07 -6.86	55.32 0.70 -5.42	74.88 0.83 -7.57	50.02 0.39 -4.60	40.65 0.29 -3.11	35.57 0.22 -2.30	29.15 0.07 -1.26
SYRACUSE___ENERGY_ST2 323598	19.83 -0.03 0.00	18.54 -0.09 0.00	17.64 -0.09 0.00	16.62 -0.08 0.00	18.29 -0.09 0.00	19.92 0.01 0.00	22.04 0.02 0.00	21.88 0.03 0.00	24.95 0.08 -0.03	30.82 0.12 -0.26	33.11 0.14 -0.41	26.53 0.18 0.00	33.69 0.18 -0.16	21.27 0.10 -0.10	36.56 0.18 -1.22	45.10 0.29 -2.91	55.11 0.75 -4.74	76.12 1.07 -6.86	55.32 0.70 -5.42	74.88 0.83 -7.57	50.02 0.39 -4.60	40.65 0.29 -3.11	35.57 0.22 -2.30	29.15 0.07 -1.26
SYRACUSE___POWER 24017	19.83 -0.03 0.00	18.55 -0.08 0.00	17.65 -0.07 0.00	16.64 -0.07 0.00	18.30 -0.08 0.00	19.92 0.00 0.00	22.04 0.02 0.00	21.86 0.01 0.00	24.91 0.05 -0.02	30.72 0.11 -0.17	32.95 0.12 -0.27	26.53 0.15 0.00	33.61 0.15 -0.11	21.21 0.07 -0.07	36.11 0.16 -0.80	44.05 0.24 -1.90	53.39 0.68 -3.10	73.68 1.00 -4.50	53.38 0.63 -3.55	72.18 0.74 -4.96	48.42 0.37 -3.01	39.55 0.26 -2.04	34.74 0.18 -1.51	28.68 0.04 -0.83
TALLMAN___138KV_BK151 55660	21.00 1.15 0.00	19.72 1.10 0.00	18.74 1.02 0.00	17.62 0.92 0.00	19.28 0.90 0.00	20.96 1.04 0.00	23.24 1.21 0.00	20.90 1.16 2.10	12.53 1.31 13.61	32.23 1.79 0.00	34.72 2.16 0.00	16.88 1.94 11.41	32.09 2.50 3.75	-24.72 1.65 47.45	34.25 2.67 3.58	45.11 3.20 0.00	53.92 4.31 0.00	73.95 5.76 0.00	52.61 3.41 0.00	70.55 4.07 0.00	47.61 2.57 0.00	39.43 2.18 0.00	35.07 2.02 0.00	28.79 1.59 0.61
TEALLAVE_115KV_TB7 355573	19.71 -0.14 0.00	18.46 -0.17 0.00	17.56 -0.16 0.00	16.55 -0.15 0.00	18.21 -0.17 0.00	19.81 -0.10 0.00	21.92 -0.11 0.00	21.73 -0.12 0.00	24.74 -0.11 -0.02	30.49 -0.09 -0.14	32.70 -0.09 -0.22	26.37 0.02 0.00	33.38 -0.06 -0.09	21.06 -0.07 -0.05	35.74 -0.08 -0.65	43.41 -0.05 -1.55	52.48 0.34 -2.53	72.40 0.54 -3.68	52.39 0.29 -2.91	70.80 0.26 -4.06	47.55 0.05 -2.46	38.92 0.00 -1.67	34.24 -0.05 -1.23	28.35 -0.14 -0.68
TELGRAPH_34_KV_EAST 80808	19.65 -0.20 0.00	18.44 -0.18 0.00	17.64 -0.08 0.00	16.64 -0.07 0.00	18.32 -0.06 0.00	20.15 0.24 0.00	22.36 0.33 0.00	22.07 0.22 0.00	25.21 0.37 0.00	30.86 0.42 0.00	32.83 0.27 0.00	26.70 0.35 0.00	33.12 -0.23 0.00	20.63 -0.45 0.00	34.62 -0.54 0.00	41.48 -0.42 0.00	50.34 0.73 0.00	69.28 1.10 0.00	49.95 0.75 0.00	67.14 0.66 0.00	44.91 -0.13 0.00	37.12 -0.13 0.00	33.30 0.25 0.00	27.85 0.04 0.00
TEMPLE___115KV_TB 2 55572	19.72 -0.13 0.00	18.47 -0.16 0.00	17.58 -0.15 0.00	16.57 -0.13 0.00	18.23 -0.15 0.00	19.83 -0.09 0.00	21.93 -0.09 0.00	21.75 -0.10 0.00	24.77 -0.09 -0.02	30.52 -0.06 -0.14	32.73 -0.05 -0.22	26.40 0.05 0.00	33.42 -0.02 -0.09	21.09 -0.05 -0.05	35.78 -0.04 -0.65	43.46 0.00 -1.55	52.54 0.40 -2.53	72.48 0.62 -3.67	52.44 0.34 -2.90	70.85 0.32 -4.05	47.58 0.09 -2.46	38.95 0.03 -1.66	34.26 -0.02 -1.23	28.37 -0.11 -0.68
TIANA___69_KV_BK 1 55817	21.48 1.62 0.00	20.32 1.69 0.00	19.46 1.73 0.00	18.43 1.73 0.00	20.14 1.76 0.00	21.88 1.97 0.00	24.53 2.51 0.00	25.97 2.46 -1.66	38.45 2.74 -10.88	34.25 3.63 -0.19	38.93 3.90 -2.47	41.75 3.41 -11.99	43.02 4.53 -5.14	97.14 2.99 -73.07	79.42 4.77 -39.49	47.08 5.17 0.00	56.34 6.73 0.00	77.31 9.13 0.00	54.58 5.38 0.00	73.05 6.57 0.00	48.96 3.92 0.00	41.96 3.47 -1.24	36.29 3.24 0.00	30.91 2.62 -0.48
TILDEN___115KV_TB1 80814	19.83 -0.03 0.00	18.55 -0.08 0.00	17.65 -0.07 0.00	16.64 -0.07 0.00	18.30 -0.08 0.00	19.92 0.00 0.00	22.04 0.02 0.00	21.86 0.01 0.00	24.91 0.05 -0.02	30.72 0.11 -0.17	32.95 0.12 -0.27	26.53 0.18 0.00	33.61 0.15 -0.11	21.21 0.07 -0.07	36.11 0.16 -0.80	44.05 0.24 -1.90	53.39 0.68 -3.10	73.68 1.00 -4.50	53.38 0.63 -3.55	72.18 0.74 -4.96	48.42 0.37 -3.01	39.55 0.26 -2.04	34.74 0.18 -1.51	28.68 0.04 -0.83
TRIGEN___CC 323695	21.21 1.35 0.00	20.01 1.38 0.00	19.07 1.35 0.00	18.01 1.30 0.00	19.68 1.30 0.00	21.39 1.47 0.00	23.80 1.77 0.00	25.22 1.71 -1.66	37.59 1.88 -10.88	33.09 2.46 -0.19	37.95 2.91 -2.47	40.87 2.53 -11.99	41.39 3.29 -4.75	67.51 2.19 -44.25	43.74 3.47 -5.11	45.84 3.93 0.00	54.69 5.08 0.00	75.06 6.88 0.00	53.24 4.04 0.00	71.36 4.88 0.00	48.06 3.03 0.00	53.60 2.74 -13.61	35.61 2.56 0.00	30.38 2.10 -0.48

TRINITY__115KV__4 BK 55933	20.33 0.47 0.00	19.16 0.53 0.00	18.23 0.50 0.00	17.16 0.45 0.00	18.83 0.44 0.00	20.40 0.49 0.00	22.56 0.53 0.00	22.71 0.47 -0.39	27.87 0.49 -2.55	31.02 0.59 0.00	33.24 0.68 0.00	29.14 0.66 -2.14	34.92 0.87 -0.70	30.52 0.56 -8.89	36.62 0.79 -0.67	42.85 0.94 0.00	50.82 1.21 0.00	69.96 1.78 0.00	50.49 1.29 0.00	68.12 1.64 0.00	46.20 1.16 0.00	38.21 0.96 0.00	33.87 0.82 0.00	28.60 0.68 -0.11
UNION__PROCESSING_DRP 323587	19.79 -0.07 0.00	18.58 -0.05 0.00	17.73 0.01 0.00	16.71 0.00 0.00	18.38 0.00 0.00	20.11 0.19 0.00	22.27 0.25 0.00	22.07 0.22 0.00	25.19 0.35 0.00	30.88 0.44 0.00	32.96 0.40 0.00	26.75 0.40 0.00	33.50 0.16 0.00	21.03 -0.04 0.00	35.21 0.05 0.00	42.14 0.24 0.00	50.79 1.18 0.00	69.90 1.72 0.00	50.33 1.13 0.00	67.64 1.16 0.00	45.43 0.40 0.00	37.53 0.27 0.00	33.43 0.38 0.00	27.97 0.16 0.00
UPPER HUDSON__HYD 24058	20.83 0.97 0.00	19.60 0.97 0.00	18.62 0.90 0.00	17.44 0.73 0.00	19.14 0.76 0.00	20.72 0.81 0.00	22.96 0.93 0.00	23.07 0.84 -0.38	28.29 0.99 -2.48	31.82 1.38 0.00	34.22 1.66 0.00	30.00 1.58 -2.08	36.19 2.16 -0.68	31.00 1.29 -8.63	37.92 2.11 -0.65	44.74 2.83 0.00	53.09 3.48 0.00	72.99 4.81 0.00	52.80 3.61 0.00	71.58 5.10 0.00	48.42 3.39 0.00	39.85 2.60 0.00	35.06 2.01 0.00	29.46 1.54 -0.11
UPPER RAQUET__HYD 24056	19.33 -0.52 0.00	17.93 -0.70 0.00	17.02 -0.70 0.00	16.03 -0.67 0.00	17.73 -0.65 0.00	19.16 -0.76 0.00	21.16 -0.87 0.00	21.07 -0.78 0.00	23.95 -0.89 -0.01	29.34 -1.17 -0.08	31.15 -1.53 -0.12	24.84 -1.51 0.00	31.72 -1.67 -0.05	20.10 -1.01 -0.03	33.94 -1.56 -0.35	40.80 -1.93 -0.83	48.49 -2.48 -1.36	66.57 -2.95 -1.35	48.49 -1.76 -1.06	65.92 -1.99 -1.43	44.81 -1.09 -0.87	36.87 -0.97 -0.59	32.45 -1.03 -0.44	27.27 -0.78 -0.24
VALLEY44_115KV_TB2 355964	19.87 0.02 0.00	18.52 -0.11 0.00	17.68 -0.04 0.00	16.68 -0.02 0.00	18.35 -0.03 0.00	20.17 0.25 0.00	22.42 0.40 0.00	22.29 0.44 0.00	25.54 0.70 0.00	31.37 0.94 0.00	33.31 0.74 0.00	27.01 0.66 0.00	33.67 0.32 0.00	20.96 -0.12 0.00	35.16 0.00 0.00	41.91 0.00 0.00	50.62 1.02 0.00	68.96 0.78 0.00	49.22 0.02 0.00	66.18 -0.30 0.00	44.34 -0.70 0.00	36.79 -0.46 0.00	33.15 0.10 0.00	27.89 0.08 0.00
VALLEY__115KV_TB 1-4 80826	20.06 0.21 0.00	18.72 0.09 0.00	17.78 0.05 0.00	16.72 0.02 0.00	18.36 -0.02 0.00	20.00 0.08 0.00	22.14 0.12 0.00	21.96 0.11 0.00	24.92 0.08 0.00	30.57 0.13 0.00	32.78 0.21 0.00	26.63 0.28 0.00	33.83 0.49 0.00	21.40 0.32 0.00	35.63 0.47 0.00	42.46 0.55 0.00	50.43 0.82 0.00	69.57 1.39 0.00	50.29 1.09 0.00	67.95 1.47 0.00	45.92 0.88 0.00	38.01 0.76 0.00	33.58 0.53 0.00	28.09 0.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.62 0.77 0.00	19.36 0.73 0.00	18.45 0.73 0.00	17.37 0.66 0.00	19.07 0.68 0.00	20.67 0.75 0.00	22.85 0.82 0.00	22.69 0.84 0.00	25.84 0.99 -0.01	31.79 1.30 -0.05	34.15 1.50 -0.08	27.68 1.33 0.00	35.08 1.70 -0.03	22.17 1.07 -0.02	37.13 1.72 -0.24	44.51 2.03 -0.58	53.24 2.68 -0.95	73.17 3.61 -1.37	52.63 2.35 -1.09	71.03 3.04 -1.50	47.93 2.05 -0.85	39.52 1.70 -0.58	34.95 1.47 -0.43	29.16 1.11 -0.23
VISCHER__FERRY HYD 24020	20.67 0.82 0.00	19.47 0.84 0.00	18.52 0.79 0.00	17.42 0.71 0.00	19.11 0.73 0.00	20.72 0.80 0.00	22.91 0.88 0.00	23.05 0.80 -0.40	28.30 0.87 -2.59	31.51 1.07 0.00	33.80 1.24 0.00	29.67 1.15 -2.17	35.58 1.52 -0.72	31.06 0.94 -9.04	37.25 1.41 -0.68	43.66 1.76 0.00	51.75 2.14 0.00	71.06 2.88 0.00	51.30 2.10 0.00	69.30 2.82 0.00	47.03 2.00 0.00	38.86 1.61 0.00	34.37 1.32 0.00	28.99 1.06 -0.11
V_A_10_SYNC_DSASP 323832	19.40 -0.45 0.00	18.23 -0.39 0.00	17.44 -0.29 0.00	16.44 -0.26 0.00	18.09 -0.29 0.00	19.85 -0.06 0.00	21.98 -0.04 0.00	21.73 -0.12 0.00	24.80 -0.04 0.00	30.35 -0.08 0.00	32.33 -0.24 0.00	26.26 -0.09 0.00	32.70 -0.65 0.00	20.41 -0.66 0.00	34.14 -1.02 0.00	40.85 -1.05 0.00	49.41 -0.20 0.00	67.90 -0.28 0.00	48.80 -0.39 0.00	65.61 -0.87 0.00	44.02 -1.02 0.00	36.39 -0.86 0.00	32.63 -0.42 0.00	27.35 -0.46 0.00
V_CMM_10_SYNC_DSASP 323787	19.66 -0.19 0.00	18.42 -0.20 0.00	17.51 -0.21 0.00	16.50 -0.20 0.00	18.22 -0.16 0.00	19.68 -0.23 0.00	21.78 -0.24 0.00	21.69 -0.16 0.00	24.62 -0.22 0.00	30.07 -0.36 0.00	32.05 -0.51 0.00	25.77 -0.58 0.00	32.68 -0.67 0.00	20.68 -0.39 0.00	34.59 -0.58 0.00	41.23 -0.68 0.00	48.37 -1.23 0.00	66.36 -1.83 0.00	48.16 -1.04 0.00	65.25 -1.23 0.00	44.29 -0.74 0.00	36.60 -0.65 0.00	32.49 -0.56 0.00	27.46 -0.35 0.00
V_CMP_10_SYNC_DSASP 323788	20.22 0.36 0.00	18.88 0.26 0.00	17.79 0.07 0.00	16.77 0.07 0.00	18.41 0.03 0.00	19.97 0.05 0.00	22.17 0.14 0.00	22.45 0.60 0.00	25.52 0.68 0.00	31.15 0.71 0.00	32.72 0.16 0.00	25.93 -0.42 0.00	33.33 -0.02 0.00	21.41 0.33 0.00	35.80 0.64 0.00	42.88 0.98 0.00	50.77 1.16 0.00	69.73 1.55 0.00	51.04 1.84 0.00	69.82 3.33 0.00	47.09 2.05 0.00	38.76 1.51 0.00	34.03 0.98 0.00	29.03 1.22 0.00
V_E_10_SYNC_DSASP 323830	21.49 1.63 0.00	19.86 1.23 0.00	18.87 1.15 0.00	17.76 1.06 0.00	19.47 1.09 0.00	21.36 1.44 0.00	23.78 1.76 0.00	23.72 1.87 0.00	27.08 2.23 -0.01	33.44 2.90 -0.11	35.76 3.03 -0.17	28.75 2.40 0.00	36.39 2.97 -0.07	22.99 1.87 -0.04	38.86 3.20 -0.50	47.02 3.93 -1.19	57.07 5.52 -1.94	78.80 7.80 -2.82	57.14 5.72 -2.22	77.54 7.96 -3.10	52.12 5.23 -1.86	42.58 4.07 -1.26	37.23 3.25 -0.93	30.60 2.27 -0.51
V_F_30_NSYNC__DSASP 323816	20.97 1.12 0.00	19.72 1.10 0.00	18.75 1.03 0.00	17.62 0.92 0.00	19.34 0.96 0.00	20.96 1.05 0.00	23.20 1.17 0.00	23.35 1.11 -0.39	28.58 1.25 -2.49	32.04 1.61 0.00	34.41 1.84 0.00	30.10 1.66 -2.09	36.24 2.20 -0.69	31.14 1.37 -8.69	38.03 2.21 -0.66	44.70 2.80 0.00	53.05 3.44 0.00	72.92 4.73 0.00	52.64 3.44 0.00	71.14 4.66 0.00	48.17 3.14 0.00	39.75 2.50 0.00	35.09 2.04 0.00	29.53 1.61 -0.11
V_F_30_SYNC_DSASP 323786	20.42 0.57 0.00	19.22 0.60 0.00	18.28 0.56 0.00	17.21 0.51 0.00	18.89 0.51 0.00	20.49 0.57 0.00	22.66 0.64 0.00	22.83 0.58 -0.39	28.00 0.63 -2.54	31.21 0.77 0.00	33.47 0.90 0.00	29.32 0.85 -2.13	35.16 1.12 -0.70	30.64 0.72 -8.84	36.91 1.08 -0.67	43.19 1.29 0.00	51.26 1.65 0.00	70.56 2.38 0.00	50.73 1.54 0.00	68.43 1.95 0.00	46.40 1.36 0.00	38.35 1.10 0.00	34.00 0.95 0.00	28.70 0.78 -0.11
V_XM_10_SYNC_DSASP 323789	20.22 0.36 0.00	18.88 0.26 0.00	17.79 0.07 0.00	16.77 0.07 0.00	18.41 0.03 0.00	19.97 0.05 0.00	22.17 0.14 0.00	22.45 0.60 0.00	25.52 0.68 0.00	31.15 0.71 0.00	32.72 0.16 0.00	25.93 -0.42 0.00	33.33 -0.02 0.00	21.41 0.33 0.00	35.80 0.64 0.00	42.88 0.98 0.00	50.77 1.16 0.00	69.73 1.55 0.00	51.04 1.84 0.00	69.82 3.33 0.00	47.09 2.05 0.00	38.76 1.51 0.00	34.03 0.98 0.00	29.03 1.22 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.09 1.23 0.00	19.80 1.17 0.00	18.81 1.09 0.00	17.69 0.99 0.00	19.36 0.98 0.00	21.05 1.13 0.00	23.34 1.31 0.00	20.86 1.26 2.25	11.71 1.44 14.56	32.38 1.94 0.00	34.88 2.32 0.00	16.22 2.08 12.21	32.00 2.67 4.01	-27.94 1.75 50.77	34.18 2.85 3.83	45.32 3.41 0.00	54.16 4.55 0.00	74.28 6.10 0.00	52.86 3.66 0.00	70.88 4.40 0.00	47.84 2.80 0.00	39.61 2.36 0.00	35.22 2.17 0.00	28.87 1.70 0.65
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.25 1.40 0.00	19.96 1.34 0.00	18.97 1.25 0.00	17.86 1.15 0.00	19.53 1.15 0.00	21.21 1.29 0.00	23.58 1.56 0.00	25.05 1.53 -1.67	37.39 1.72 -10.83	32.76 2.33 0.00	35.32 2.76 0.00	37.89 2.46 -9.08	39.48 3.15 -2.99	60.93 2.09 -37.76	41.38 3.36 -2.85	45.91 4.01 0.00	54.82 5.21 0.00	75.11 6.93 0.00	53.32 4.12 0.00	71.43 4.94 0.00	48.11 3.07 0.00	39.87 2.62 0.00	35.55 2.50 0.00	30.34 2.05 -0.48
W50THST__13_KV_LOAD 356117	21.40 1.54 0.00	20.09 1.46 0.00	19.10 1.37 0.00	17.97 1.27 0.00	19.65 1.27 0.00	21.35 1.43 0.00	23.73 1.71 0.00	25.23 1.70 -1.67	37.61 1.95 -10.83	33.05 2.61 0.00	35.62 3.06 0.00	38.13 2.70 -9.08	39.79 3.46 -2.99	61.12 2.28 -37.76	41.70 3.68 -2.85	46.29 4.39 0.00	55.29 5.68 0.00	75.73 7.54 0.00	53.72 4.52 0.00	71.92 5.44 0.00	48.41 3.37 0.00	40.10 2.85 0.00	35.78 2.73 0.00	30.54 2.25 -0.48
WADING RIVER_IC_1 23522	21.14 1.29 0.00	20.03 1.40 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.58 1.66 0.00	24.19 2.17 0.00	25.60 2.09 -1.66	37.96 2.25 -10.88	33.64 3.01 -0.19	38.20 3.16 -2.47	41.10 2.77 -11.99	42.19 3.70 -5.14	96.53 2.45 -73.01	78.44 3.86 -39.42	46.07 4.17 0.00	55.08 5.47 0.00	75.63 7.44 0.00	53.43 4.23 0.00	71.47 4.99 0.00	47.97 2.93 0.00	41.13 2.65 -1.23	35.60 2.55 0.00	30.38 2.09 -0.48
WADING RIVER_IC_2 23547	21.14 1.29 0.00	20.03 1.40 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.58 1.66 0.00	24.19 2.17 0.00	25.60 2.09 -1.66	37.96 2.25 -10.88	33.64 3.01 -0.19	38.20 3.16 -2.47	41.10 2.77 -11.99	42.19 3.70 -5.14	96.53 2.45 -73.01	78.44 3.86 -39.42	46.07 4.17 0.00	55.08 5.47 0.00	75.63 7.44 0.00	53.43 4.23 0.00	71.47 4.99 0.00	47.97 2.93 0.00	41.13 2.65 -1.23	35.60 2.55 0.00	30.38 2.09 -0.48
WADING RIVER_IC_3 23601	21.14 1.29 0.00	20.03 1.40 0.00	19.18 1.46 0.00	18.18 1.47 0.00	19.86 1.48 0.00	21.58 1.66 0.00	24.19 2.17 0.00	25.60 2.09 -1.66	37.96 2.25 -10.88	33.64 3.01 -0.19	38.20 3.16 -2.47	41.10 2.77 -11.99	42.19 3.70 -5.14	96.53 2.45 -73.01	78.44 3.86 -39.42	46.07 4.17 0.00	55.08 5.47 0.00	75.63 7.44 0.00	53.43 4.23 0.00	71.47 4.99 0.00	47.97 2.93 0.00	41.13 2.65 -1.23	35.60 2.55 0.00	30.38 2.09 -0.48
WALDENNY_I2_KV_BK2 80841	19.65 -0.20 0.00	18.43 -0.19 0.00	17.63 -0.09 0.00	16.66 -0.05 0.00	18.36 -0.02 0.00	20.19 0.27 0.00	22.38 0.36 0.00	22.15 0.30 0.00	25.36 0.52 0.00	31.11 0.67 0.00	33.13 0.57 0.00	26.98 0.63 0.00	33.55 0.20 0.00	20.90 -0.17 0.00	35.01 -0.15 0.00	41.86 -0.05 0.00	50.77 1.16 0.00	69.69 1.50 0.00	50.10 0.91 0.00	67.42 0.94 0.00	45.07 0.04 0.00	37.28 0.03 0.00	33.44 0.39 0.00	27.97 0.16 0.00
WALDEN__HYDRO 24148	21.12 1.27 0.00	19.81 1.18 0.00	18.82 1.10 0.00	17.70 1.00 0.00	19.39 1.00 0.00	21.06 1.14 0.00	23.34 1.32 0.00	22.77 1.30 0.38	23.85 1.46 2.45	32.35 1.91 0.00	34.82 2.26 0.00	26.32 2.03 2.05	35.17 2.50 0.68	14.16 1.63 8.54	37.31 2.79 0.64	45.23 3.32 0.00	54.10 4.49 0.00	74.28 6.10 0.00	53.04 3.84 0.00	71.28 4.79 0.00	48.12 3.08 0.00	39.81 2.56 0.00	35.35 2.30 0.00	29.48 1.78 0.11
WARRENSBURG____ 23737	20.83 0.97 0.00	19.60 0.97 0.00	18.62 0.90 0.00	17.44 0.73 0.00	19.14 0.76 0.00	20.72 0.81 0.00	22.96 0.93 0.00	23.07 0.84 -0.38	28.29 0.99 -2.48	31.82 1.38 0.00	34.22 1.66 0.00	30.00 1.58 -2.08	36.19 2.16 -0.68	31.00 1.29 -8.63	37.92 2.11 -0.65	44.74 2.83 0.00	53.09 3.48 0.00	72.99 4.81 0.00	52.80 3.61 0.00	71.58 5.10 0.00	48.42 3.39 0.00	39.85 2.60 0.00	35.06 2.01 0.00	29.46 1.54 -0.11
WATERSIDE__6 8 9 23538	21.24 1.38 0.00	19.95 1.32 0.00	18.96 1.24 0.00	17.86 1.15 0.00	19.49 1.11 0.00	21.15 1.23 0.00	23.52 1.50 0.00	25.00 1.48 -1.67	37.33 1.67 -10.82	32.70 2.26 0.00	35.26 2.70 0.00	37.83 2.41 -9.08	39.43 3.09 -2.98	60.89 2.07 -37.74	41.32 3.31 -2.85	45.82 3.92 0.00	54.72 5.11 0.00	74.94 6.76 0.00	53.24 4.04 0.00	71.33 4.85 0.00	46.42 3.03 1.64	39.86 2.61 0.00	35.61 2.56 0.00	30.32 2.09 -0.43
WATKINRD_115KV_LN8_ILLION 55919	19.98 0.13 0.00	18.70 0.07 0.00	17.78 0.05 0.00	16.74 0.03 0.00	18.38 0.00 0.00	19.98 0.06 0.00	22.10 0.08 0.00	21.90 0.05 0.00	24.85 0.02 0.00	30.49 0.05 0.00	32.65 0.09 0.00	26.51 0.16 0.00	33.63 0.29 0.00	21.27 0.20 0.00	35.44 0.27 0.00	42.22 0.32 0.00	50.12 0.51 0.00	69.11 0.93 0.00	49.91 0.72 0.00	67.44 0.96 0.00	45.61 0.57 0.00	37.74 0.48 0.00	33.38 0.33 0.00	27.97 0.17 0.00
WATSON__69_KV_BK 1 55734	21.53 1.67 0.00	20.34 1.72 0.00	19.45 1.73 0.00	18.43 1.73 0.00	20.14 1.76 0.00	21.90 1.98 0.00	24.47 2.44 0.00	25.93 2.42 -1.66	38.41 2.70 -10.88	34.10 3.47 -0.19	38.96 3.93 -2.47	41.71 3.37 -11.99	42.70 4.41 -4.94	82.52 2.80 -58.65	61.89 4.44 -22.29	46.98 5.08 0.00	56.09 6.48 0.00	77.04 8.86 0.00	54.46 5.26 0.00	72.77 6.29 0.00	48.86 3.83 0.00	42.66 3.47 -1.93	36.34 3.30 0.00	31.01 2.72 -0.48
WDELAWARE__HYD 323627	21.14 1.28 0.00	19.71 1.09 0.00	18.71 0.99 0.00	17.60 0.90 0.00	19.28 0.90 0.00	21.03 1.12 0.00	23.32 1.29 0.00	22.89 1.28 0.24	24.76 1.46 1.54	32.44 2.00 0.00	34.90 2.34 0.00	27.19 2.13 1.29	35.72 2.79 0.42	17.33 1.60 5.35	36.14 1.38 0.40	43.58 1.68 0.00	52.12 2.51 0.00	71.61 3.43 0.00	51.15 1.95 0.00	68.72 2.24 0.00	46.32 1.28 0.00	38.43 1.17 0.00	34.89 1.84 0.00	29.07 1.33 0.07
WEST BABYLON__IC 23714	21.50 1.65 0.00	20.30 1.67 0.00	19.40 1.67 0.00	18.36 1.66 0.00	20.06 1.68 0.00	21.83 1.92 0.00	24.38 2.35 0.00	25.84 2.33 -1.66	38.31 2.60 -10.88	33.95 3.32 -0.19	38.80 3.77 -2.47	41.56 3.23 -11.99	42.34 4.19 -4.80	71.46 2.67 -47.71	48.66 4.25 -9.24	46.74 4.84 0.00	55.79 6.18 0.00	76.62 8.45 0.00	54.21 5.01 0.00	72.53 6.05 0.00	48.73 3.70 0.00	44.12 3.39 -3.48	36.30 3.26 0.00	30.96 2.67 -0.48
WEST CANADA__HYD 24049	19.88 0.02 0.00	18.64 0.02 0.00	17.74 0.02 0.00	16.71 0.01 0.00	18.38 0.00 0.00	19.94 0.02 0.00	22.03 0.01 0.00	21.85 0.00 0.00	24.84 0.00 0.00	30.45 0.01 0.00	32.60 0.03 0.00	26.40 0.05 0.00	33.42 0.07 0.00	21.12 0.04 0.00	35.23 0.07 0.00	41.95 0.05 0.00	49.78 0.17 0.00	68.53 0.34 0.00	49.40 0.20 0.00	66.74 0.26 0.00	45.18 0.14 0.00	37.40 0.15 0.00	33.15 0.11 0.00	27.86 0.05 0.00

WESTERN_NY_WIND 24143	20.06 0.20 0.00	18.79 0.16 0.00	17.95 0.23 0.00	16.93 0.23 0.00	18.65 0.27 0.00	20.51 0.59 0.00	22.78 0.76 0.00	22.54 0.69 0.00	25.74 0.90 0.00	31.47 1.03 0.00	33.49 0.93 0.00	27.22 0.87 0.00	33.87 0.52 0.00	21.17 0.09 0.00	35.46 0.30 0.00	42.54 0.64 0.00	51.57 1.96 0.00	71.17 2.99 0.00	51.37 2.18 0.00	69.06 2.59 0.00	46.23 1.20 0.00	38.20 0.95 0.00	34.14 1.10 0.00	28.50 0.69 0.00
WESTOVER___LESR 323668	20.09 0.24 0.00	18.74 0.11 0.00	17.84 0.12 0.00	16.83 0.13 0.00	18.50 0.11 0.00	20.18 0.26 0.00	22.37 0.34 0.00	22.23 0.38 0.00	25.39 0.55 -0.01	31.27 0.73 -0.10	33.45 0.73 -0.15	27.09 0.74 0.00	34.24 0.82 -0.06	21.56 0.44 -0.04	36.43 0.80 -0.46	43.92 0.91 -1.10	53.01 1.61 -1.79	72.82 2.04 -2.59	52.36 1.12 -2.05	70.75 1.42 -2.86	47.54 0.78 -1.72	39.08 0.66 -1.17	34.54 0.63 -0.87	28.71 0.42 -0.48
WETHRSFD_WT_PWR 323626	19.24 -0.62 0.00	18.06 -0.57 0.00	17.28 -0.45 0.00	16.39 -0.31 0.00	18.17 -0.21 0.00	19.95 0.03 0.00	22.16 0.13 0.00	21.98 0.13 0.00	25.24 0.41 0.00	30.93 0.50 0.00	32.89 0.32 0.00	26.82 0.47 0.00	33.43 0.08 0.00	20.85 -0.23 0.00	34.83 -0.33 0.00	41.51 -0.39 0.00	50.28 0.67 0.00	69.21 1.03 0.00	49.73 0.53 0.00	67.09 0.61 0.00	44.95 -0.09 0.00	37.18 -0.08 0.00	33.27 0.23 0.00	27.84 0.03 0.00
WHAVSTOR_138KV_BK127 55557	20.97 1.11 0.00	19.70 1.07 0.00	18.73 1.00 0.00	17.61 0.91 0.00	19.28 0.90 0.00	20.94 1.02 0.00	23.21 1.18 0.00	20.69 1.12 2.28	11.34 1.25 14.75	32.14 1.71 0.00	34.62 2.06 0.00	15.84 1.86 12.36	31.67 2.39 4.06	-28.77 1.57 51.42	33.81 2.54 3.88	44.93 3.03 0.00	53.69 4.08 0.00	73.66 5.48 0.00	52.43 3.23 0.00	70.37 3.89 0.00	47.49 2.46 0.00	39.35 2.10 0.00	35.00 1.95 0.00	28.70 1.55 0.66
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.97 1.11 0.00	19.70 1.07 0.00	18.73 1.00 0.00	17.61 0.91 0.00	19.28 0.90 0.00	20.94 1.02 0.00	23.21 1.18 0.00	20.69 1.12 2.28	11.34 1.25 14.75	32.14 1.71 0.00	34.62 2.06 0.00	15.84 1.86 12.36	31.67 2.39 4.06	-28.77 1.57 51.42	33.81 2.54 3.88	44.93 3.03 0.00	53.69 4.08 0.00	73.66 5.48 0.00	52.43 3.23 0.00	70.37 3.89 0.00	47.49 2.46 0.00	39.35 2.10 0.00	35.00 1.95 0.00	28.70 1.55 0.66
WHITEHAL_115KV_TB1 80871	21.58 1.72 0.00	20.30 1.67 0.00	19.29 1.57 0.00	17.87 1.16 0.00	19.60 1.22 0.00	21.20 1.28 0.00	23.54 1.52 0.00	23.50 1.26 -0.38	28.81 1.49 -2.48	32.47 2.03 0.00	35.09 2.52 0.00	30.65 2.22 -2.08	37.20 3.17 -0.68	31.48 1.75 -8.66	38.72 2.91 -0.65	46.00 4.10 0.00	54.25 4.64 0.00	74.83 6.65 0.00	54.64 5.44 0.00	74.80 8.32 0.00	50.56 5.52 0.00	41.33 4.08 0.00	36.21 3.16 0.00	30.56 2.64 -0.11
WHITEPLN_13_KV_LOAD 356215	21.35 1.49 0.00	19.97 1.35 0.00	18.97 1.25 0.00	17.85 1.15 0.00	19.54 1.16 0.00	21.30 1.39 0.00	23.68 1.66 0.00	25.28 1.65 -1.78	38.22 1.88 -11.51	32.95 2.51 0.00	35.52 2.96 0.00	38.61 2.62 -9.65	39.88 3.36 -3.17	63.39 2.21 -40.11	41.80 3.61 -3.03	46.20 4.30 0.00	55.19 5.58 0.00	75.70 7.51 0.00	53.83 4.63 0.00	72.14 5.66 0.00	48.61 3.57 0.00	40.23 2.98 0.00	35.78 2.73 0.00	30.50 2.18 -0.51
WM_FLOYD_69_KV_BK2 356380	21.29 1.43 0.00	20.15 1.52 0.00	19.28 1.55 0.00	18.27 1.56 0.00	19.96 1.57 0.00	21.70 1.78 0.00	24.29 2.27 0.00	25.73 2.22 -1.66	38.14 2.43 -10.88	33.80 3.17 -0.19	38.45 3.42 -2.47	41.30 2.96 -11.99	42.45 3.96 -5.14	97.13 2.59 -73.46	79.21 4.08 -39.96	46.40 4.49 0.00	55.46 5.84 0.00	76.15 7.97 0.00	53.81 4.62 0.00	71.99 5.51 0.00	48.32 3.29 0.00	41.49 2.97 -1.27	35.88 2.83 0.00	30.61 2.33 -0.48
WOODARD___115KV_TB2 355635	19.66 -0.20 0.00	18.40 -0.22 0.00	17.52 -0.20 0.00	16.51 -0.20 0.00	18.16 -0.22 0.00	19.76 -0.16 0.00	21.85 -0.17 0.00	21.68 -0.17 0.00	24.69 -0.16 -0.02	30.44 -0.17 -0.18	32.66 -0.17 -0.27	26.30 -0.05 0.00	33.30 -0.15 -0.11	21.03 -0.12 -0.07	35.81 -0.17 -0.82	43.71 -0.14 -1.95	52.99 0.19 -3.18	73.11 0.33 -4.60	52.98 0.15 -3.63	71.63 0.08 -5.07	48.05 -0.06 -3.08	39.24 -0.09 -2.08	34.47 -0.12 -1.54	28.46 -0.19 -0.85
YORK___WARBASSE 23770	21.34 1.48 0.00	20.03 1.40 0.00	19.03 1.31 0.00	17.92 1.22 0.00	19.58 1.20 0.00	21.29 1.36 0.00	23.67 1.65 0.00	25.14 1.61 -1.67	37.48 1.82 -10.82	32.89 2.45 0.00	35.48 2.92 0.00	38.02 2.60 -9.08	39.67 3.34 -2.99	61.03 2.22 -37.74	41.55 3.54 -2.85	46.09 4.19 0.00	55.03 5.42 0.00	75.35 7.17 0.00	53.53 4.33 0.00	71.79 5.31 0.00	59.42 3.33 -11.05	40.13 2.87 0.00	35.83 2.78 0.00	30.94 2.28 -0.86